

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080405.D
 Acq On : 08 Dec 2023 14:37
 Operator : JC\MD
 Sample : VN1208WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 08 22:38:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	310737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178310	47.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	8.165	113	132040	52.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.520%
50) Toluene-d8	10.570	98	463931	51.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.853	95	177943	52.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	60401	18.003	ug/l	99
3) Chloromethane	2.365	50	38042	15.081	ug/l	99
4) Vinyl Chloride	2.518	62	45775	17.148	ug/l	93
5) Bromomethane	2.959	94	31289	17.266	ug/l	98
6) Chloroethane	3.124	64	31174	17.776	ug/l	97
7) Trichlorofluoromethane	3.500	101	106441	19.115	ug/l	98
8) Diethyl Ether	3.959	74	28190	17.407	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	47315	18.590	ug/l	93
10) Methyl Iodide	4.583	142	50545	18.375	ug/l	89
11) Tert butyl alcohol	5.512	59	35814	87.569	ug/l	100
12) 1,1-Dichloroethene	4.341	96	44394	18.648	ug/l	88
13) Acrolein	4.183	56	31702	87.589	ug/l	94
14) Allyl chloride	5.030	41	51247	17.110	ug/l	93
15) Acrylonitrile	5.718	53	93751	85.390	ug/l	97
16) Acetone	4.430	43	90138	72.160	ug/l	99
17) Carbon Disulfide	4.712	76	112514	15.829	ug/l	97
18) Methyl Acetate	5.018	43	69280	17.262	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	154618	18.391	ug/l	99
20) Methylene Chloride	5.283	84	50778	19.411	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	48737	18.635	ug/l #	75
22) Diisopropyl ether	6.677	45	118864	17.937	ug/l	97
23) Vinyl Acetate	6.606	43	326248	81.893	ug/l	99
24) 1,1-Dichloroethane	6.571	63	89126	18.466	ug/l	99
25) 2-Butanone	7.488	43	114069	76.859	ug/l	96
26) 2,2-Dichloropropane	7.494	77	89894	18.773	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	55961	18.873	ug/l	88
28) Bromochloromethane	7.818	49	28026	14.771	ug/l	93
29) Tetrahydrofuran	7.841	42	66459	83.408	ug/l	96
30) Chloroform	7.971	83	103361	19.160	ug/l	94
31) Cyclohexane	8.259	56	68360	16.902	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	103503	19.674	ug/l	97
36) 1,1-Dichloropropene	8.371	75	72650	20.051	ug/l	95
37) Ethyl Acetate	7.559	43	42406	16.873	ug/l	99
38) Carbon Tetrachloride	8.365	117	98240	21.366	ug/l	94
39) Methylcyclohexane	9.606	83	63573	18.197	ug/l	92
40) Benzene	8.606	78	202811	19.694	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	24695	17.892	ug/l	93
42) 1,2-Dichloroethane	8.676	62	88009	20.889	ug/l	94
43) Isopropyl Acetate	8.688	43	76915	15.727	ug/l	95
44) Trichloroethene	9.353	130	56876	21.055	ug/l	97
45) 1,2-Dichloropropane	9.623	63	46564	19.457	ug/l	98
46) Dibromomethane	9.712	93	37897	20.920	ug/l #	89
47) Bromodichloromethane	9.894	83	82209	20.630	ug/l	99
48) Methyl methacrylate	9.682	41	47503	18.847	ug/l	92
49) 1,4-Dioxane	9.700	88	15114	360.459	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	234253	92.514	ug/l	99
52) Toluene	10.629	92	129726	20.129	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	80313	19.616	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	85952	20.549	ug/l	97
55) 1,1,2-Trichloroethane	11.017	97	51340	20.872	ug/l	98
56) Ethyl methacrylate	10.876	69	49541	19.715	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	86798	20.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	98658	69.691	ug/l	100
59) 2-Hexanone	11.200	43	170730	83.911	ug/l	98
60) Dibromochloromethane	11.359	129	63786	21.660	ug/l	99
61) 1,2-Dibromoethane	11.470	107	49549	19.746	ug/l	100
64) Tetrachloroethene	11.106	164	59060	24.905	ug/l	95
65) Chlorobenzene	11.894	112	138380	19.653	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	58952	21.575	ug/l	95
67) Ethyl Benzene	11.964	91	246066	19.639	ug/l	93
68) m/p-Xylenes	12.076	106	186411	40.806	ug/l	91
69) o-Xylene	12.400	106	90493	21.019	ug/l	91
70) Styrene	12.412	104	130448	20.358	ug/l	92
71) Bromoform	12.582	173	43292	21.365	ug/l #	99
73) Isopropylbenzene	12.700	105	230511	19.111	ug/l	100
74) N-amyl acetate	12.494	43	57785	15.362	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	62717	17.373	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	89201	23.454	ug/l	77
77) Bromobenzene	12.982	156	57984	19.067	ug/l	98
78) n-propylbenzene	13.035	91	258074	19.134	ug/l	99
79) 2-Chlorotoluene	13.129	91	169495	19.348	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	202402	19.277	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19205	17.061	ug/l	90
82) 4-Chlorotoluene	13.223	91	174669	19.463	ug/l	96
83) tert-Butylbenzene	13.441	119	159789	18.977	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	202346	19.571	ug/l	96
85) sec-Butylbenzene	13.617	105	207929	19.521	ug/l	100
86) p-Isopropyltoluene	13.729	119	182271	19.156	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	104132	19.006	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	102389	18.595	ug/l	97
89) n-Butylbenzene	14.058	91	139003	17.454	ug/l	99
90) Hexachloroethane	14.335	117	33985	18.321	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	99288	18.937	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13832	16.496	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	48682	15.964	ug/l	98
94) Hexachlorobutadiene	15.505	225	29966	17.076	ug/l	98
95) Naphthalene	15.641	128	125930	14.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44530	15.579	ug/l	92

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QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

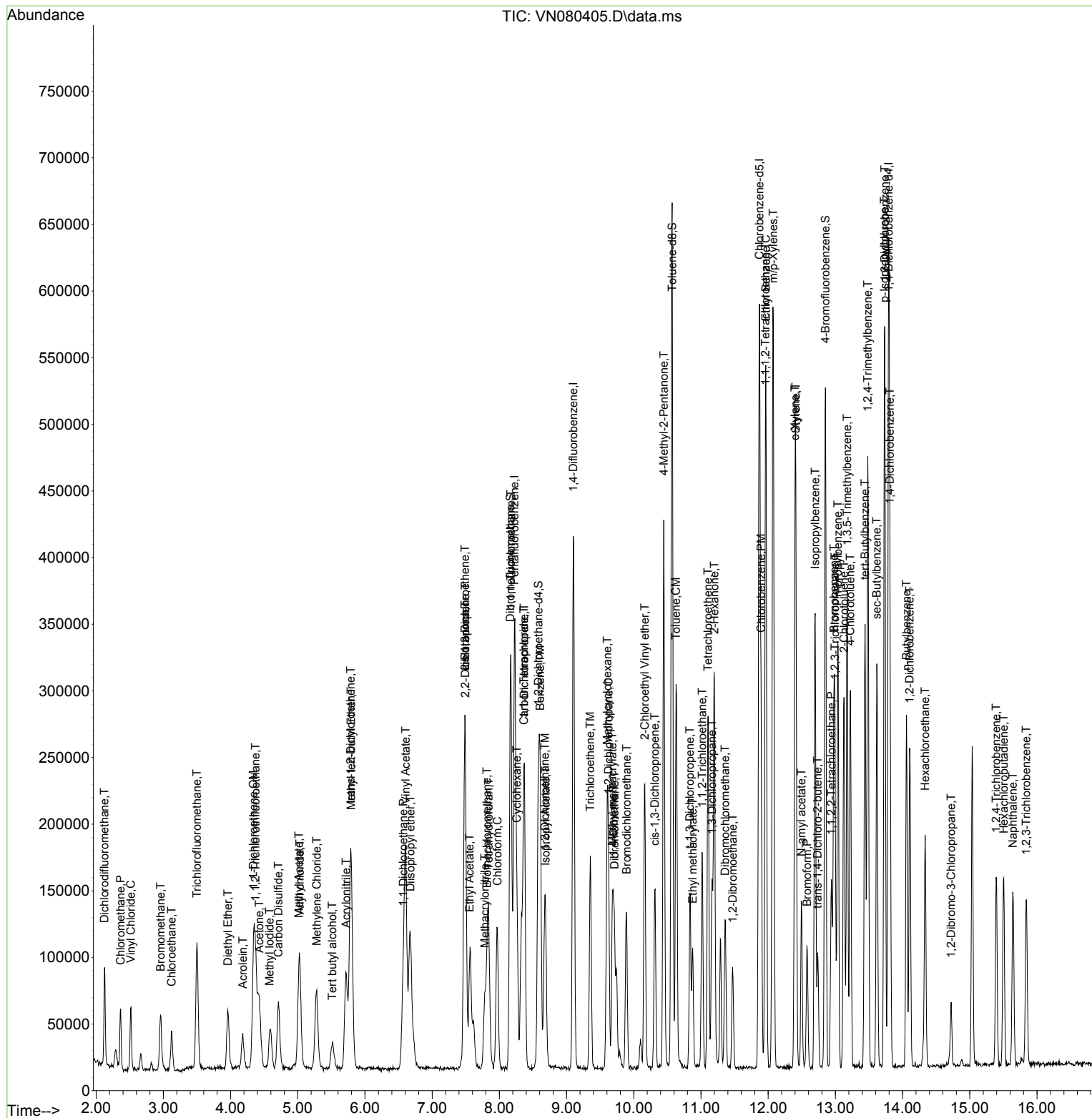
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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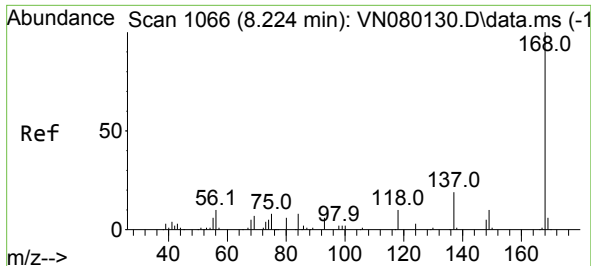
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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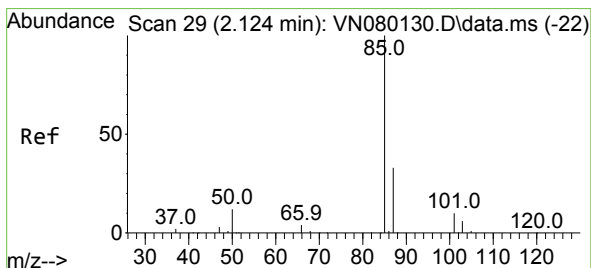
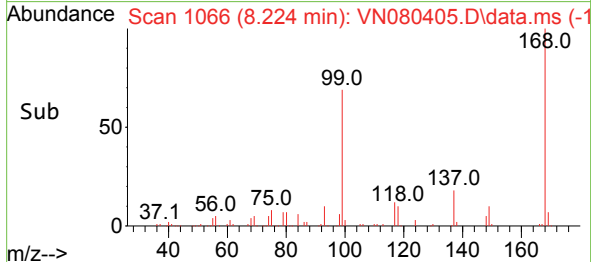
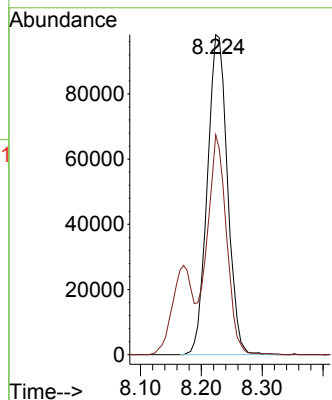
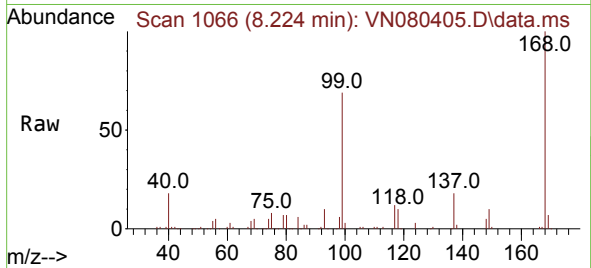




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080405.D
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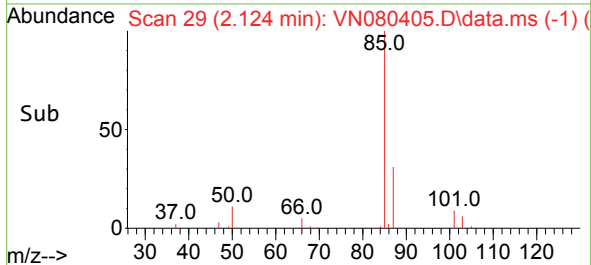
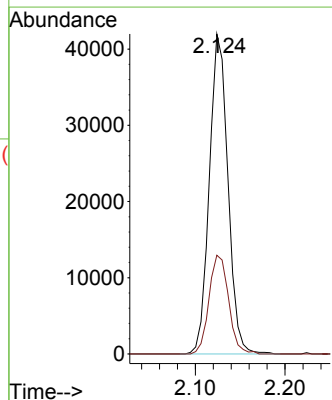
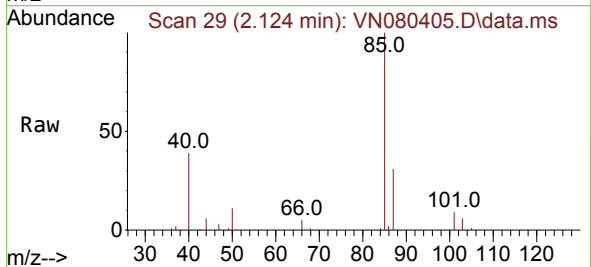
Instrument :
MSVOA_N
ClientSampleId :

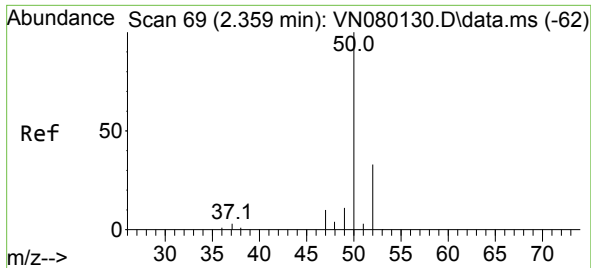
Tgt Ion:168 Resp: 225239
Ion Ratio Lower Upper
168 100
99 68.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.003 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 85 Resp: 60401
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4

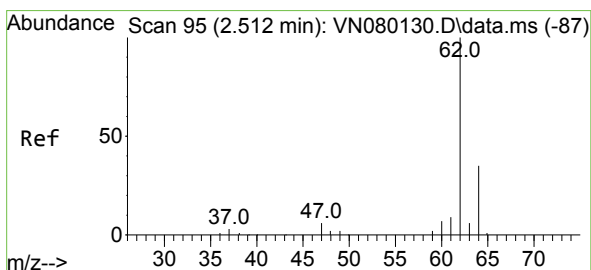
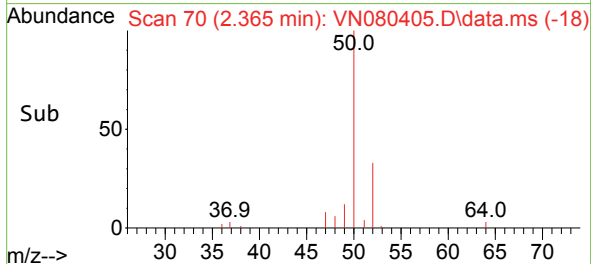
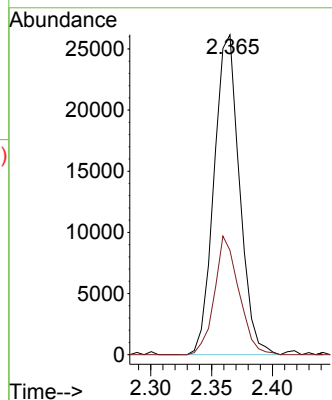
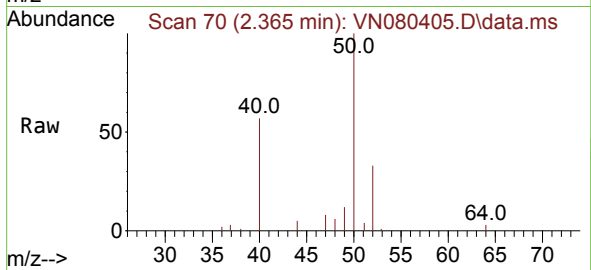




#3
Chloromethane
Concen: 15.081 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

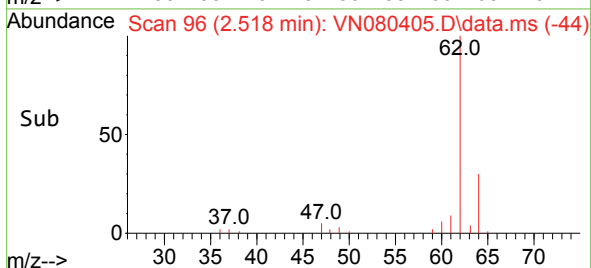
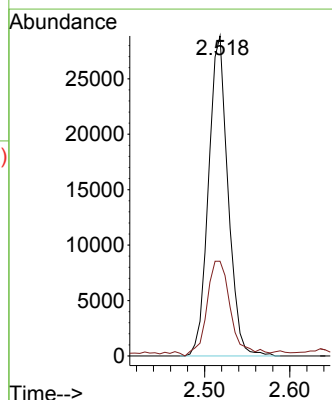
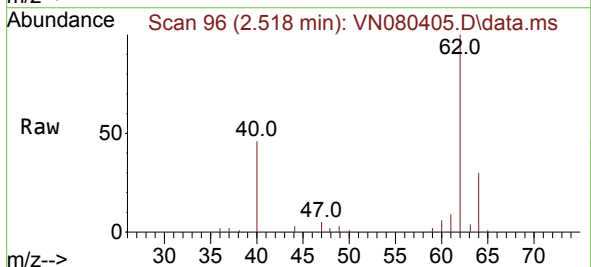
Instrument :
MSVOA_N
ClientSampleId :

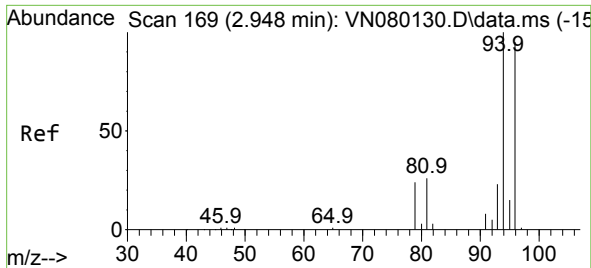
Tgt Ion: 50 Resp: 38042
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 17.148 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 62 Resp: 45775
Ion Ratio Lower Upper
62 100
64 28.8 26.2 39.2

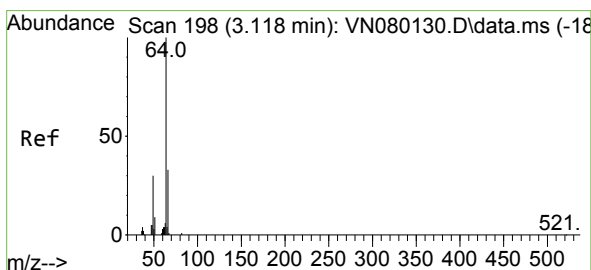
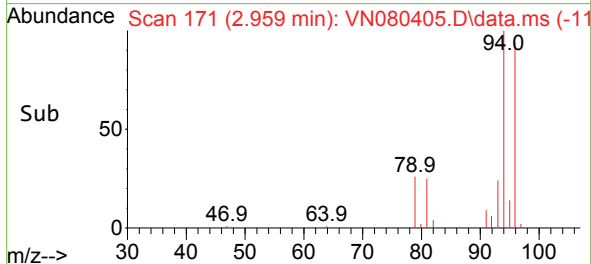
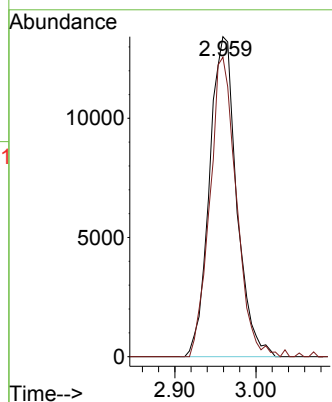
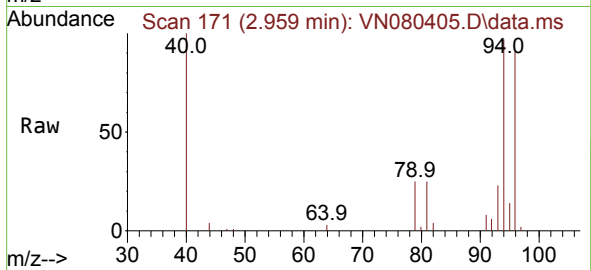




#5
Bromomethane
Concen: 17.266 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080405.D
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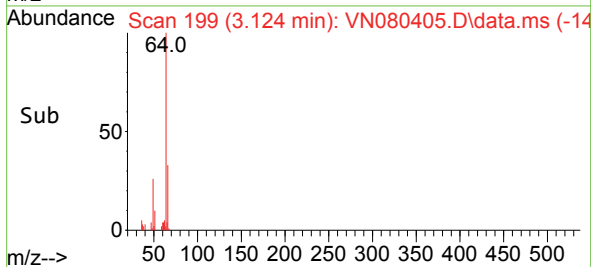
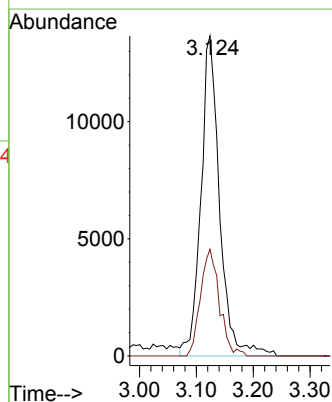
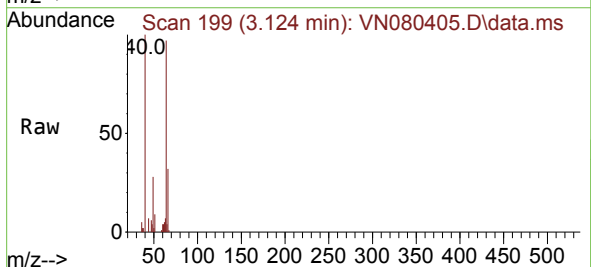
Instrument :
MSVOA_N
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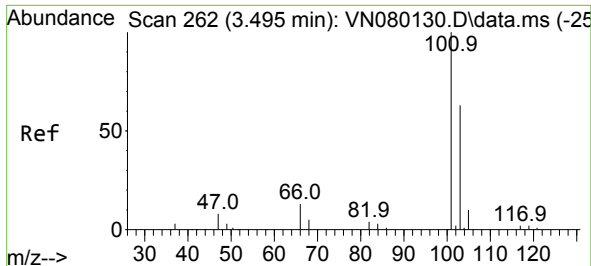
Tgt Ion: 94 Resp: 31289
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7



#6
Chloroethane
Concen: 17.776 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 64 Resp: 31174
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2

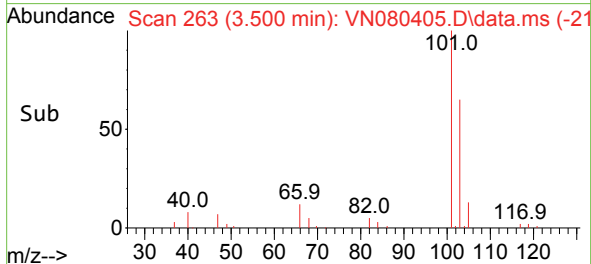
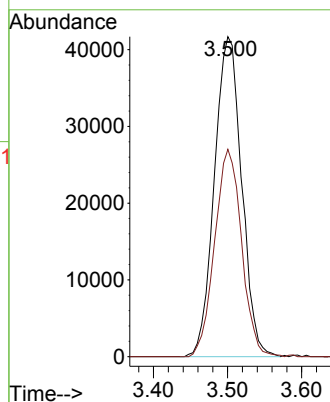
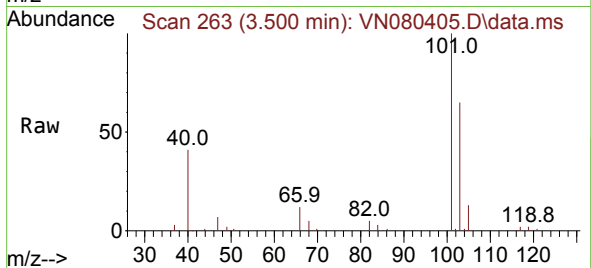




#7
Trichlorofluoromethane
Concen: 19.115 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

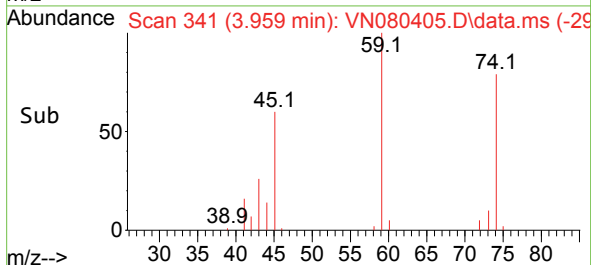
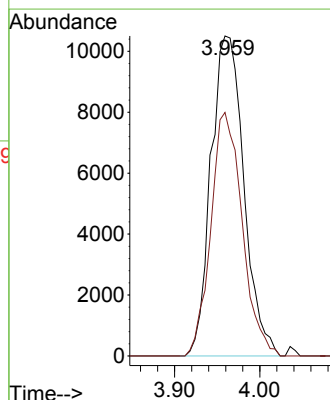
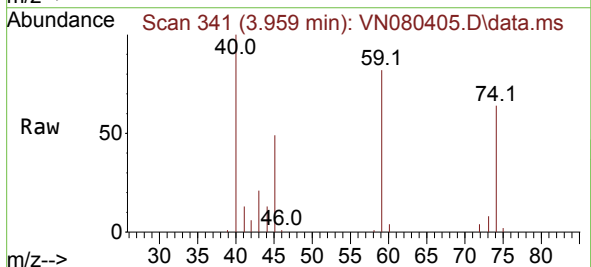
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 106441
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1



#8
Diethyl Ether
Concen: 17.407 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 74 Resp: 28190
Ion Ratio Lower Upper
74 100
45 72.4 34.4 103.3

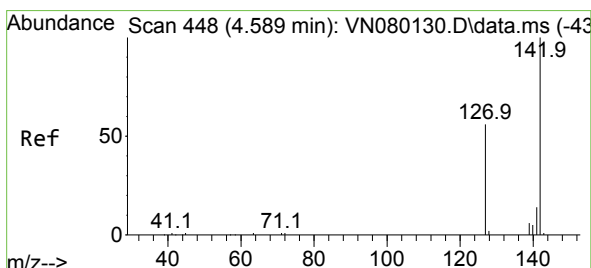
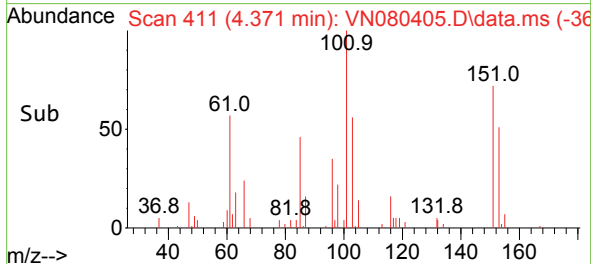
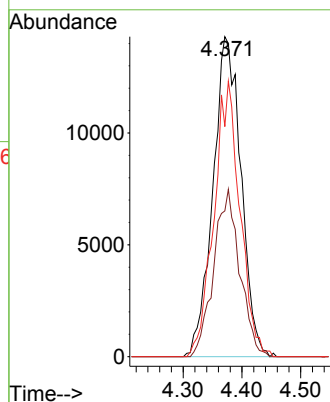
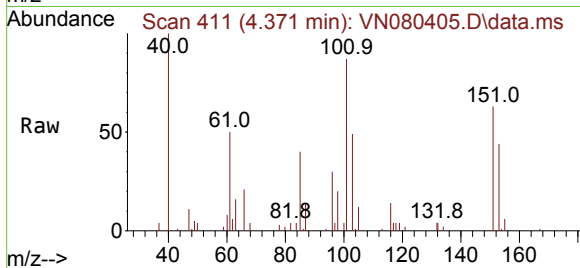




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.590 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080405.D
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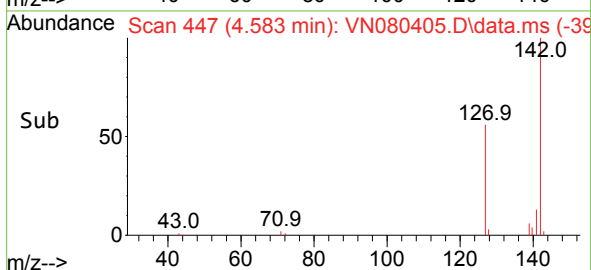
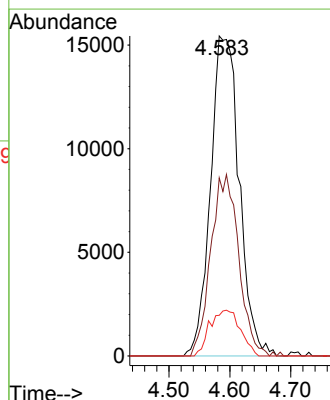
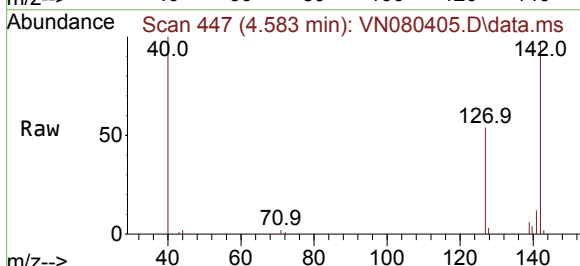
Instrument :
MSVOA_N
ClientSampleId :

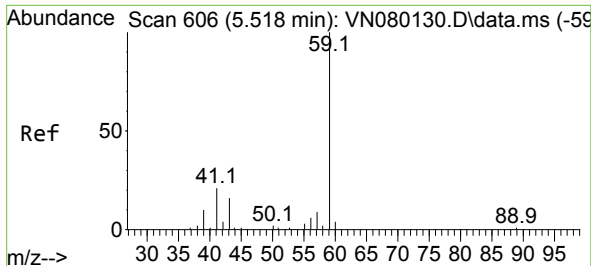
Tgt Ion:101	Resp:	47315
Ion Ratio	Lower	Upper
101	100	
85	48.6	36.6 55.0
151	80.0	57.6 86.4



#10
Methyl Iodide
Concen: 18.375 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

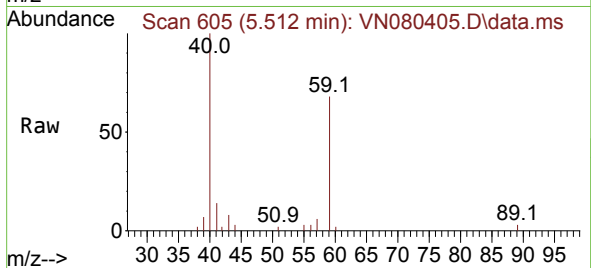
Tgt Ion:142	Resp:	50545
Ion Ratio	Lower	Upper
142	100	
127	55.7	37.6 56.4
141	12.7	11.4 17.0



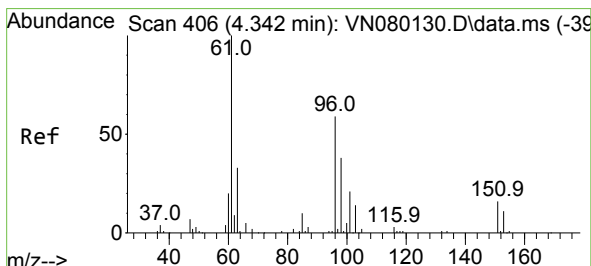
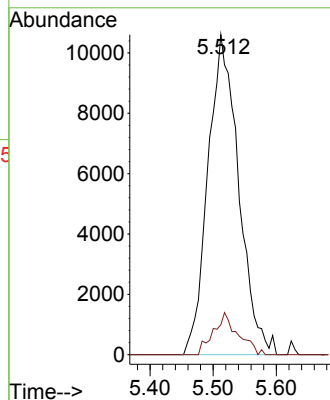
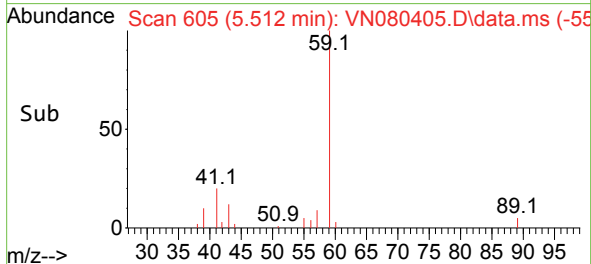


#11
Tert butyl alcohol
Concen: 87.569 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

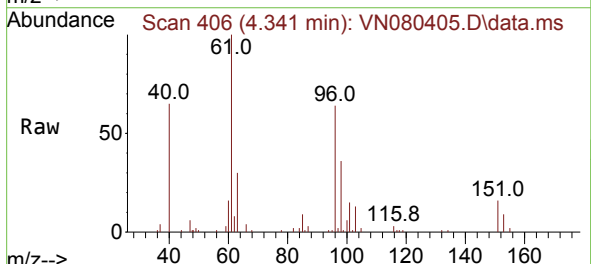
Instrument :
MSVOA_N
ClientSampleId :



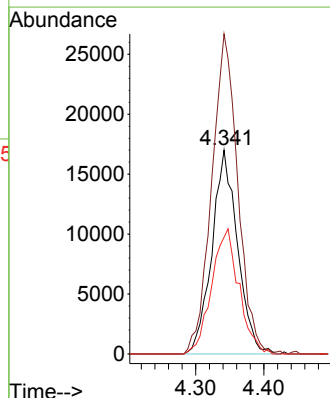
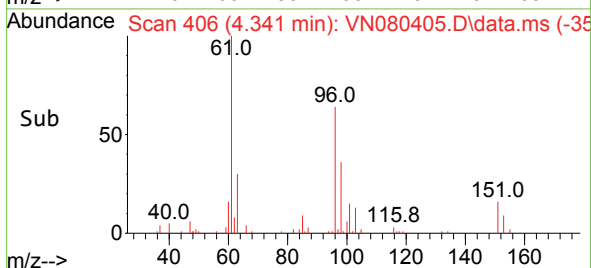
Tgt Ion: 59 Resp: 35814
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

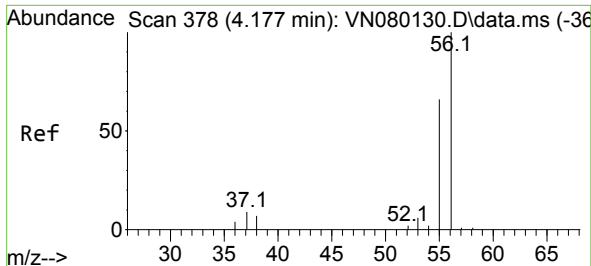


#12
1,1-Dichloroethene
Concen: 18.648 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37



Tgt Ion: 96 Resp: 44394
Ion Ratio Lower Upper
96 100
61 157.0 112.7 169.1
98 57.2 51.2 76.8





#13

Acrolein

Concen: 87.589 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

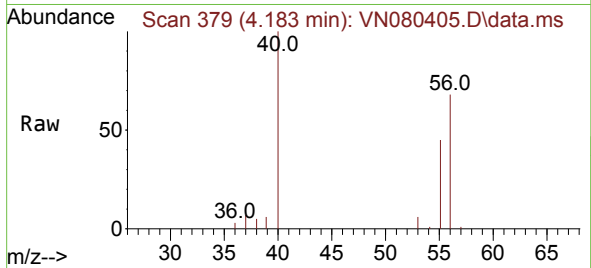
Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

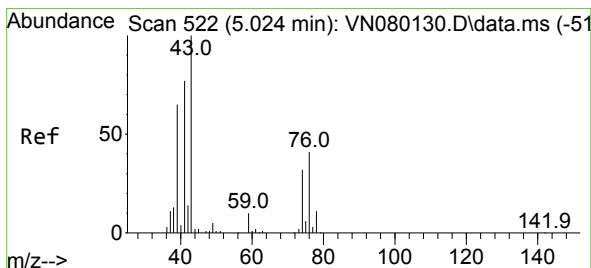
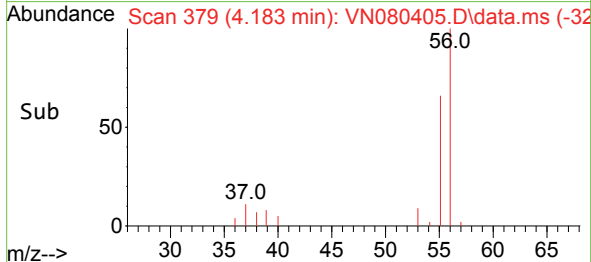
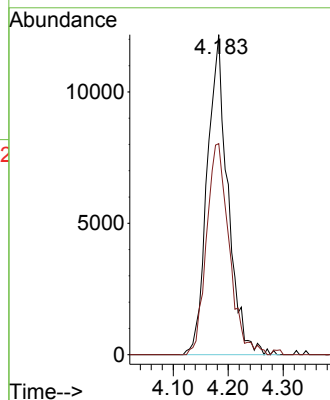


Tgt Ion: 56 Resp: 31702

Ion Ratio Lower Upper

56 100

55 72.6 54.5 81.7



#14

Allyl chloride

Concen: 17.110 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

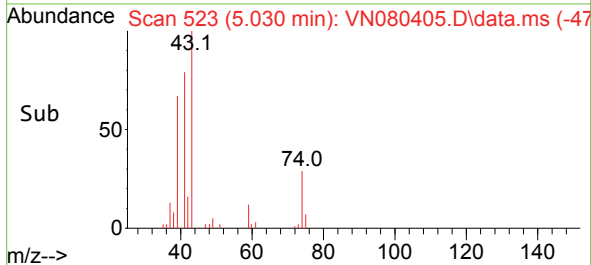
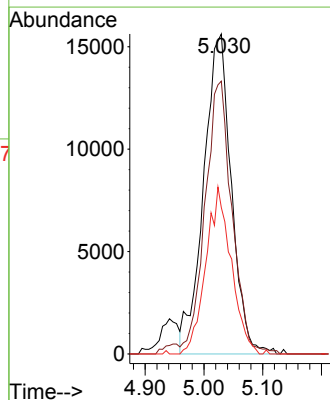
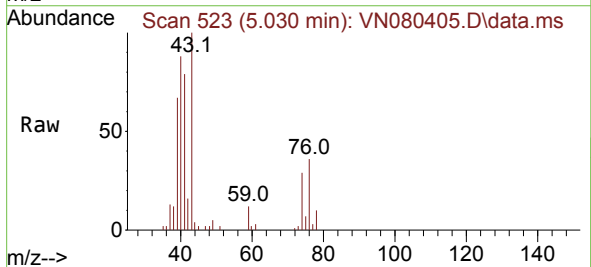
Tgt Ion: 41 Resp: 51247

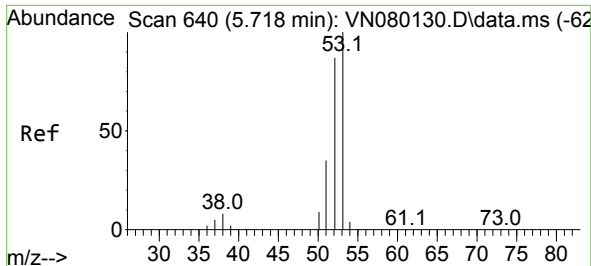
Ion Ratio Lower Upper

41 100

39 82.7 58.8 88.2

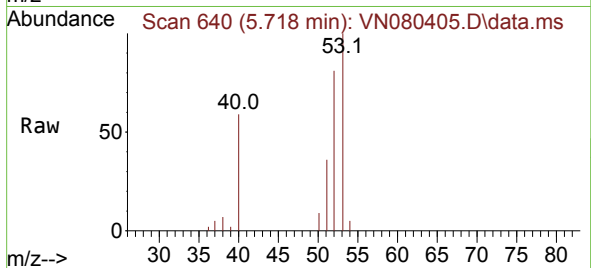
76 47.7 39.1 58.7



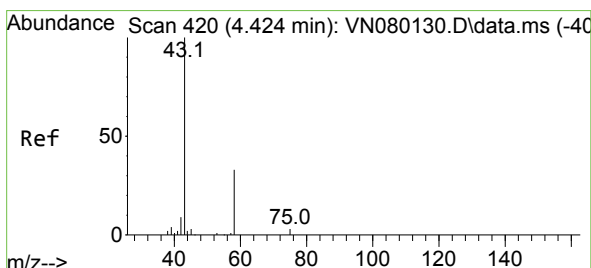
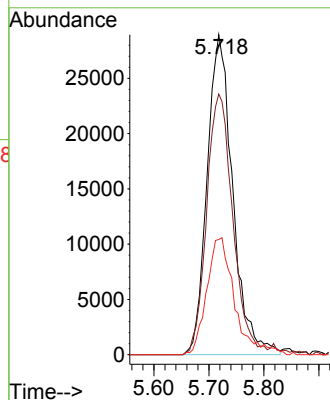
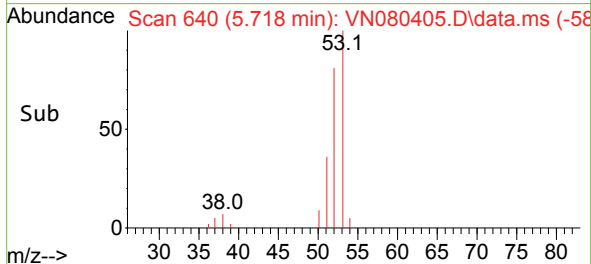


#15
Acrylonitrile
Concen: 85.390 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Instrument :
MSVOA_N
ClientSampleId :

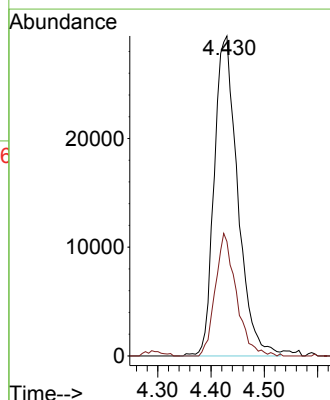
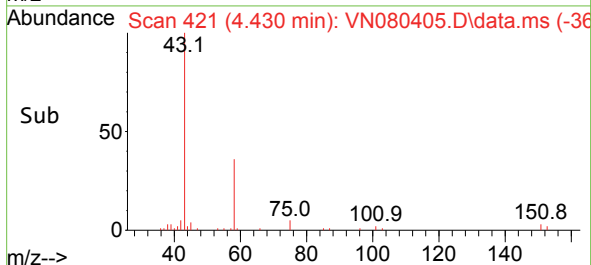
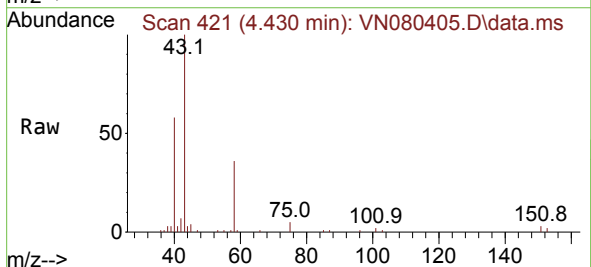


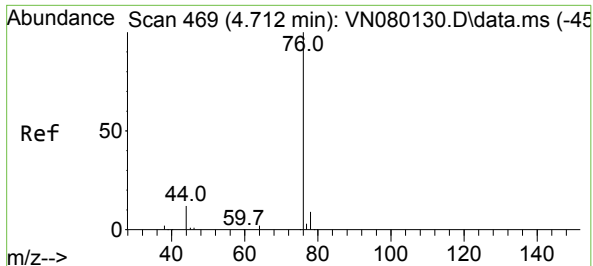
Tgt Ion: 53 Resp: 93751
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 39.6 28.9 43.3



#16
Acetone
Concen: 72.160 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 43 Resp: 90138
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0

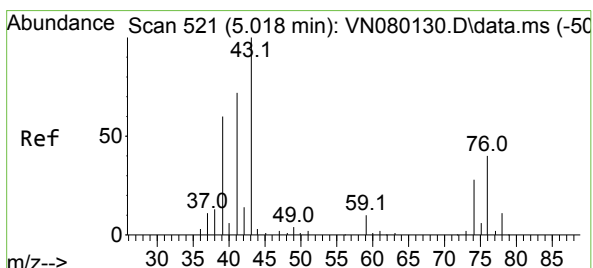
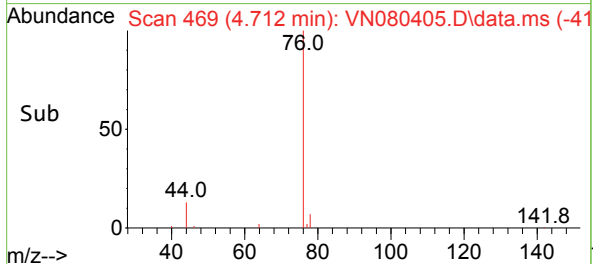
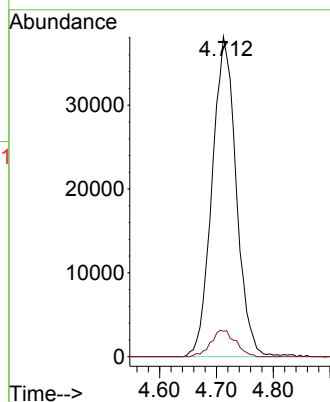
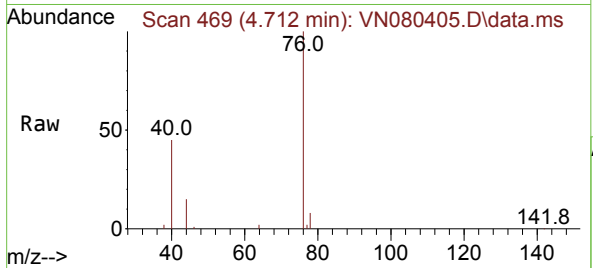




#17
Carbon Disulfide
Concen: 15.829 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

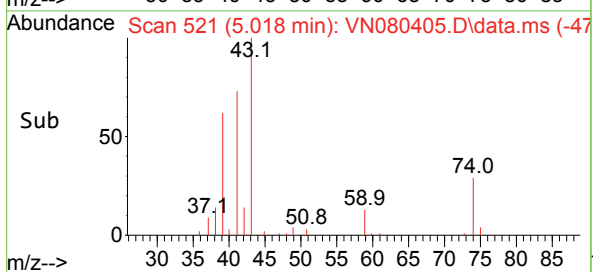
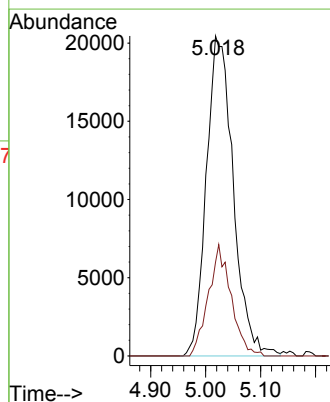
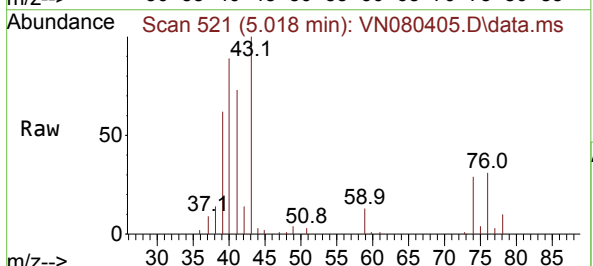
Instrument :
MSVOA_N
ClientSampleId :

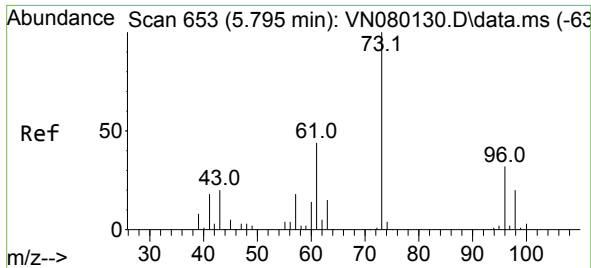
Tgt Ion: 76 Resp: 112514
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.262 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 43 Resp: 69280
Ion Ratio Lower Upper
43 100
74 29.5 26.2 39.4

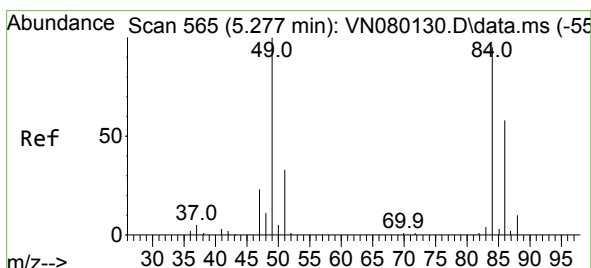
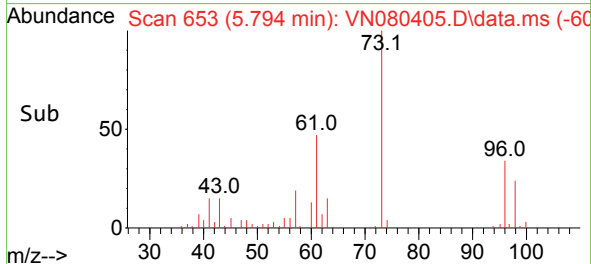
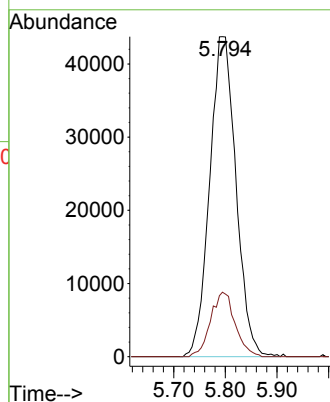
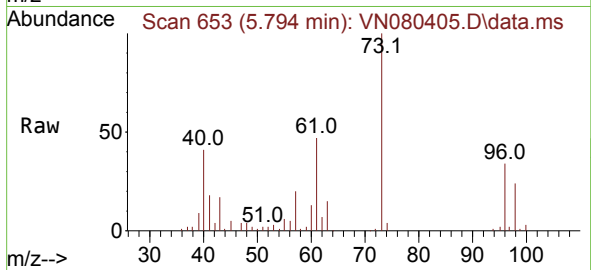




#19
Methyl tert-butyl Ether
Concen: 18.391 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

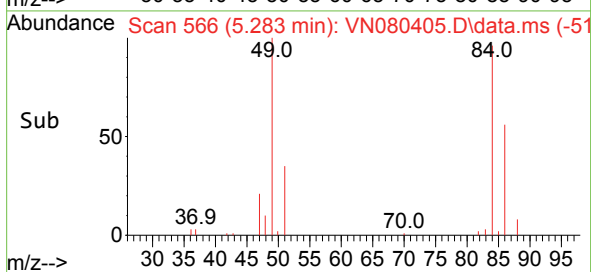
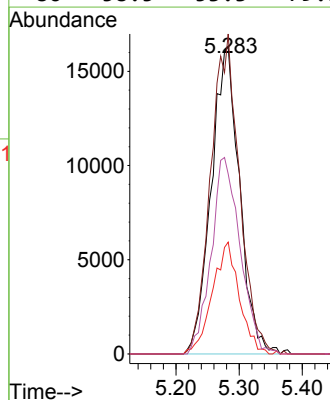
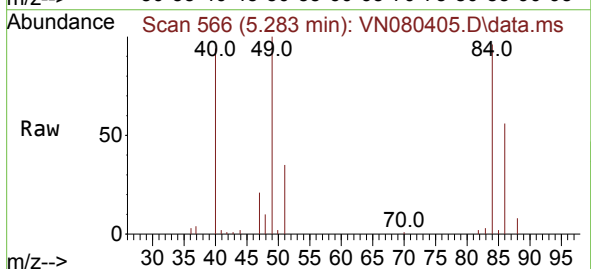
Instrument :
MSVOA_N
ClientSampleId :

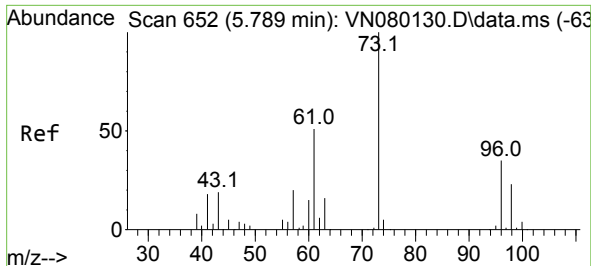
Tgt Ion: 73 Resp: 154618
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 19.411 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 84 Resp: 50778
Ion Ratio Lower Upper
84 100
49 104.1 79.7 119.5
51 36.4 25.2 37.8
86 58.5 53.3 79.9

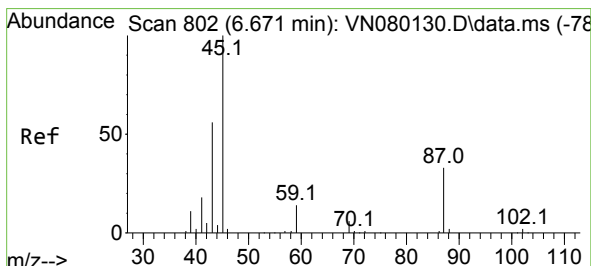
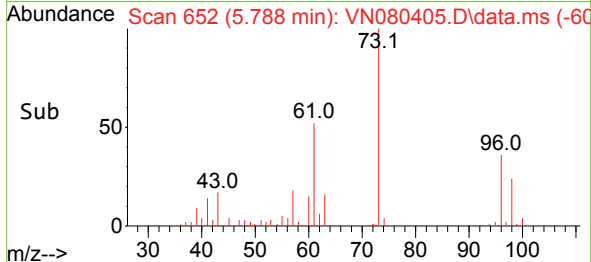
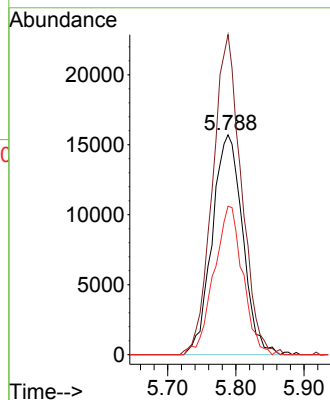
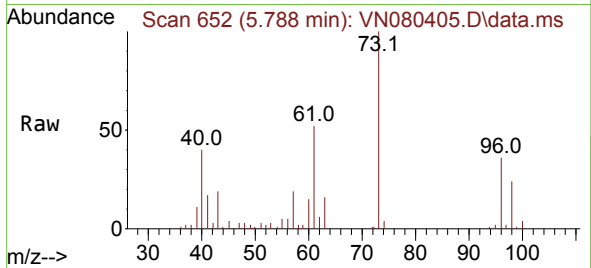




#21
trans-1,2-Dichloroethene
Concen: 18.635 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

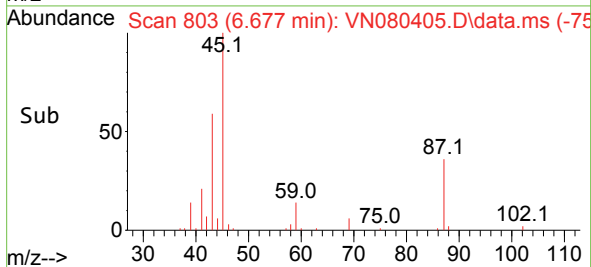
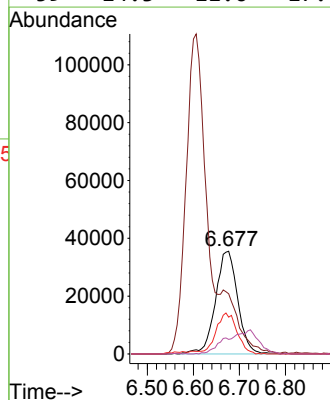
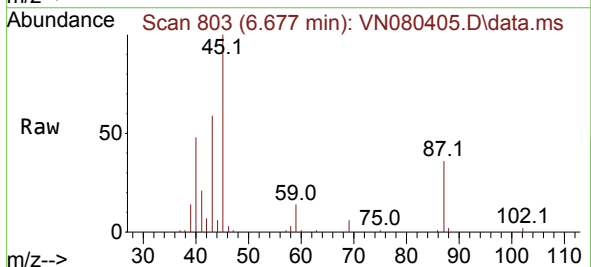
Instrument :
MSVOA_N
ClientSampleId :

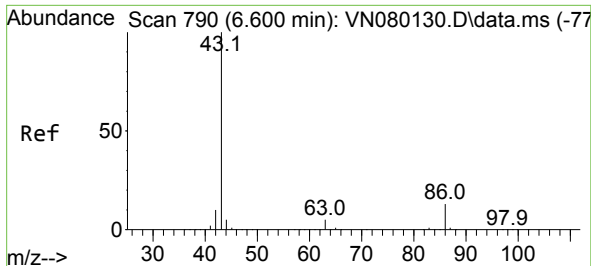
Tgt Ion: 96 Resp: 48737
Ion Ratio Lower Upper
96 100
61 145.5 90.1 135.1#
98 67.5 46.4 69.6



#22
Diisopropyl ether
Concen: 17.937 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 45 Resp: 118864
Ion Ratio Lower Upper
45 100
43 57.8 45.5 68.3
87 35.9 31.8 47.8
59 14.3 11.6 17.4

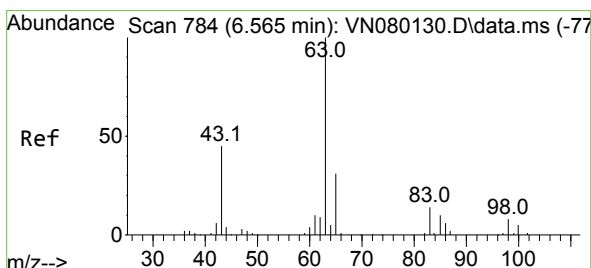
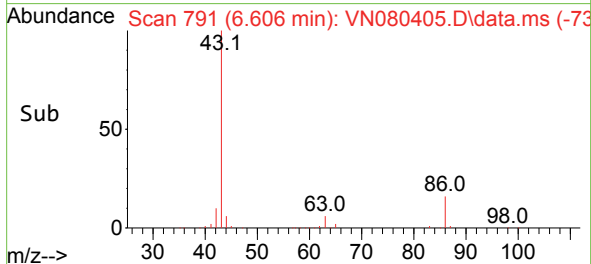
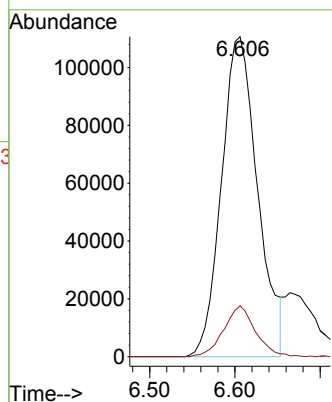
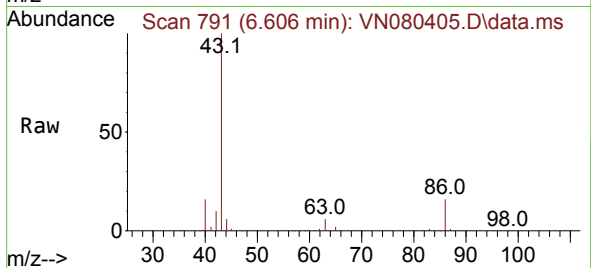




#23
 Vinyl Acetate
 Concen: 81.893 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

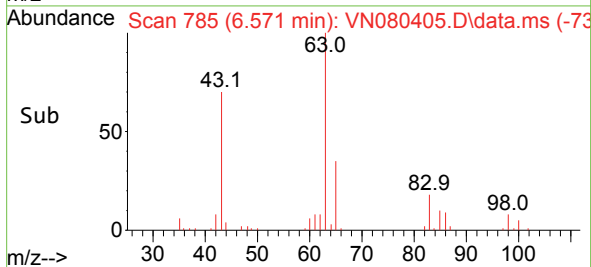
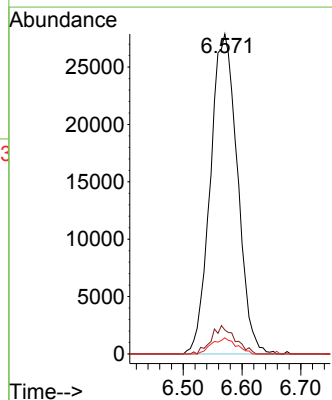
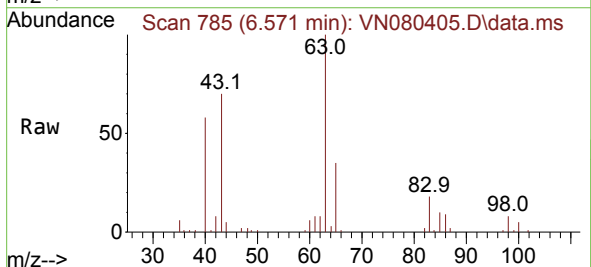
Instrument :
 MSVOA_N
 ClientSampleId :

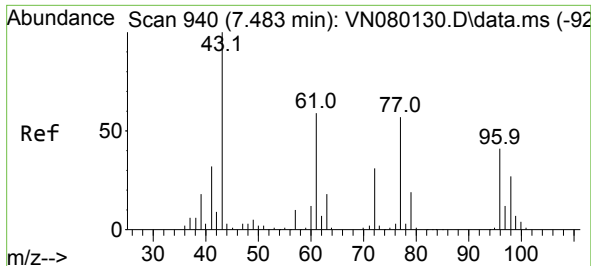
Tgt Ion: 43 Resp: 326248
 Ion Ratio Lower Upper
 43 100
 86 15.8 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 18.466 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

Tgt Ion: 63 Resp: 89126
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.1 2.5 7.4

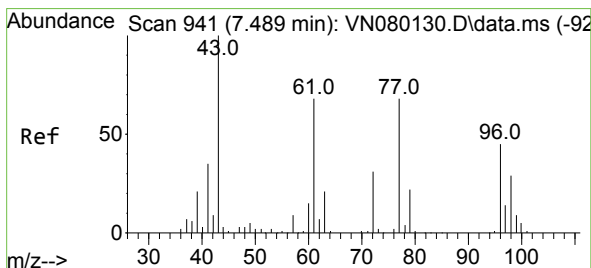
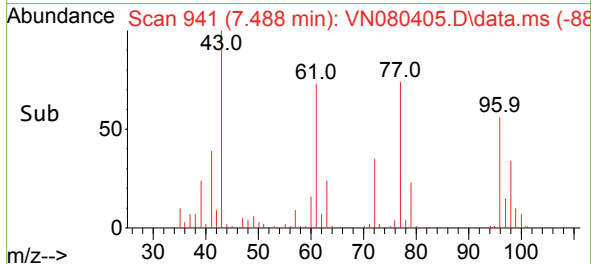
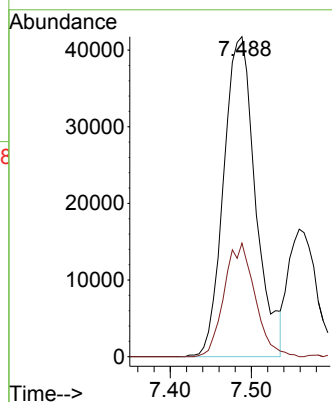
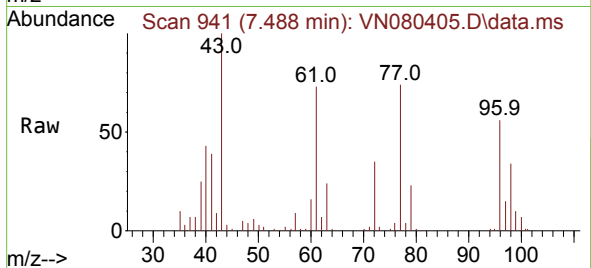




#25
2-Butanone
Concen: 76.859 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

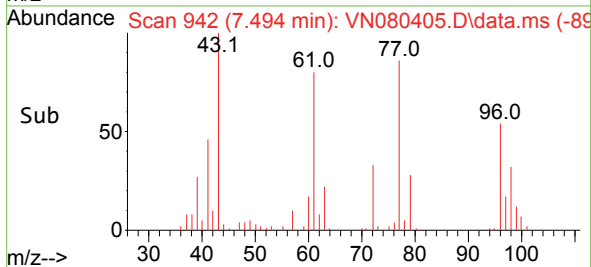
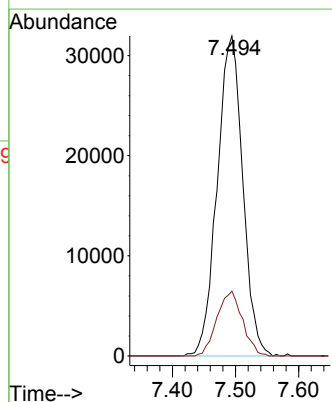
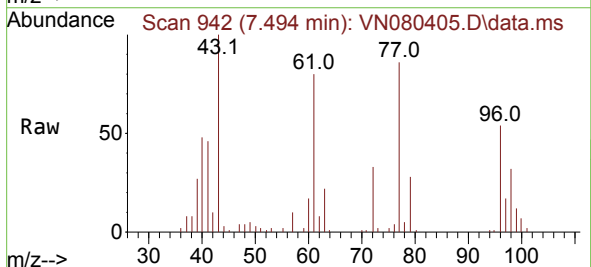
Instrument :
MSVOA_N
ClientSampleId :

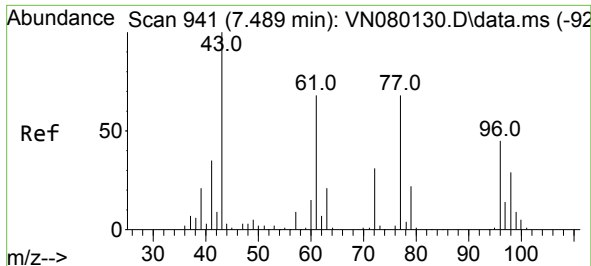
Tgt Ion: 43 Resp: 114069
Ion Ratio Lower Upper
43 100
72 35.5 30.2 45.2



#26
2,2-Dichloropropane
Concen: 18.773 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

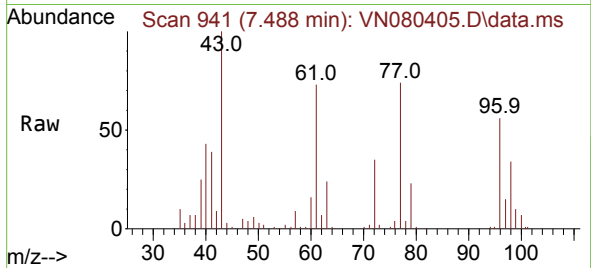
Tgt Ion: 77 Resp: 89894
Ion Ratio Lower Upper
77 100
97 20.2 11.2 33.6





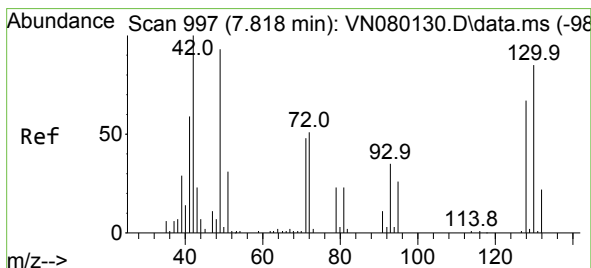
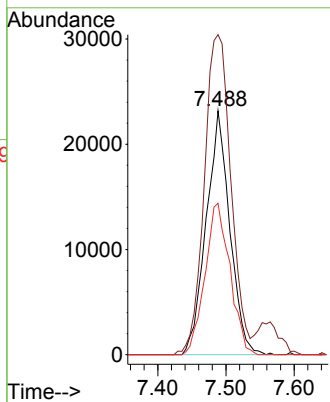
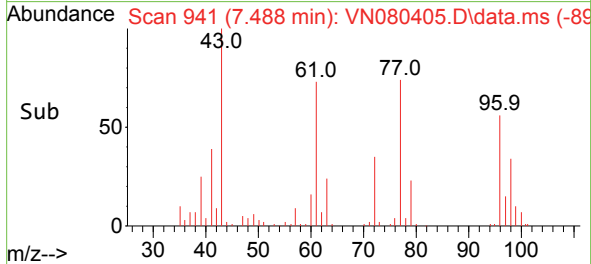
#27
 cis-1,2-Dichloroethene
 Concen: 18.873 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 55961

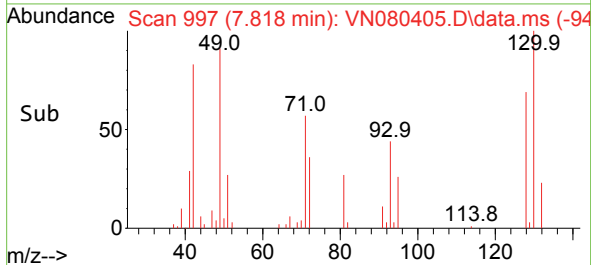
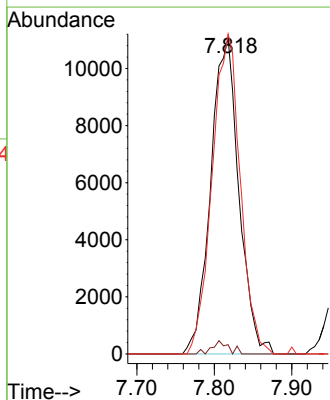
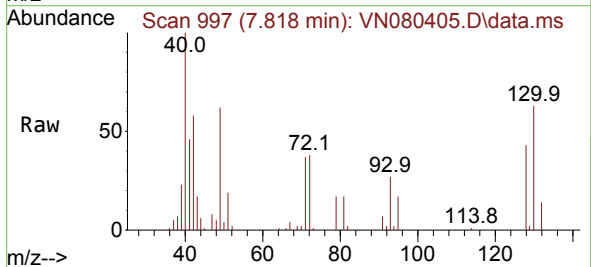
Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	255.2
98	65.5	0.0	128.8



#28
 Bromochloromethane
 Concen: 14.771 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

Tgt Ion: 49 Resp: 28026

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	101.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 83.408 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

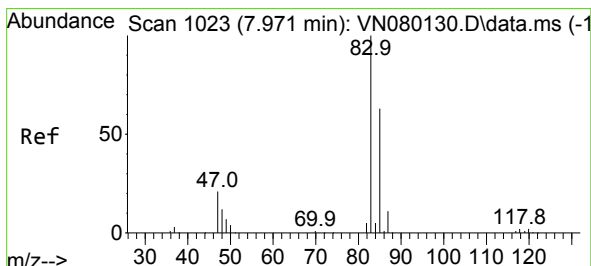
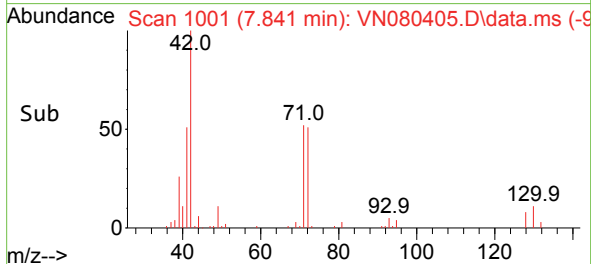
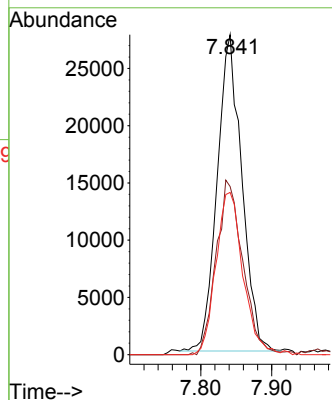
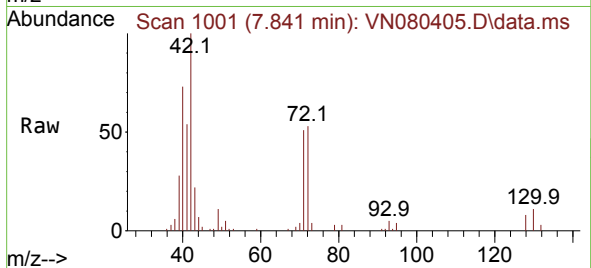
Tgt Ion: 42 Resp: 66459

Ion Ratio Lower Upper

42 100

72 59.7 49.8 74.6

71 56.2 47.4 71.2



#30

Chloroform

Concen: 19.160 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN080405.D

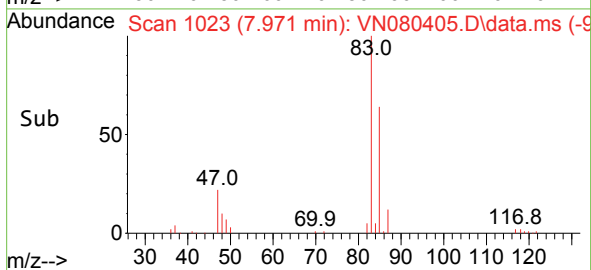
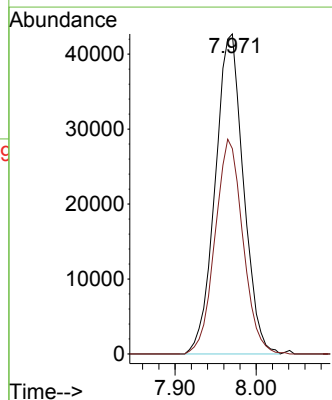
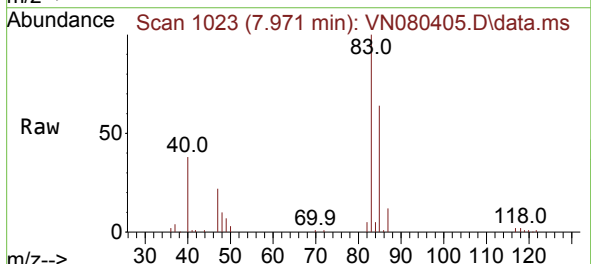
Acq: 08 Dec 2023 14:37

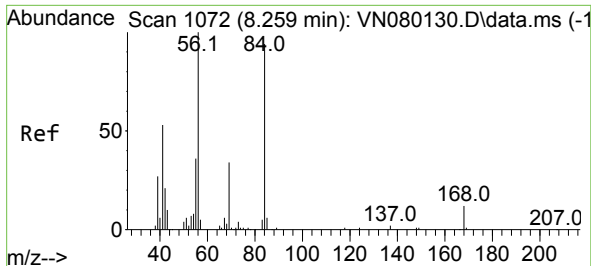
Tgt Ion: 83 Resp: 103361

Ion Ratio Lower Upper

83 100

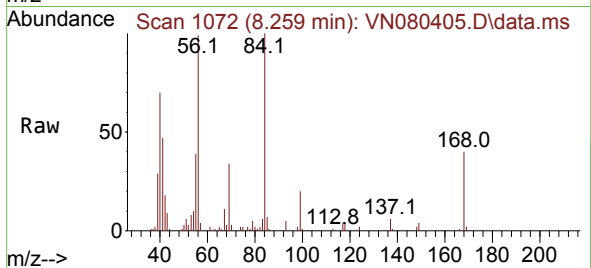
85 64.2 55.4 83.0



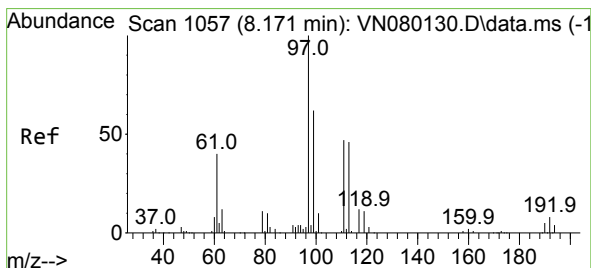
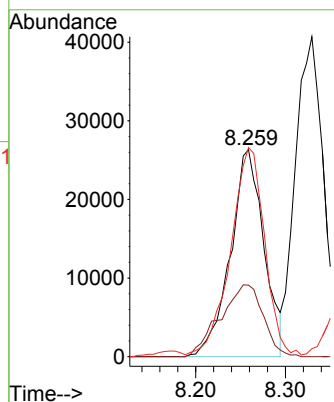
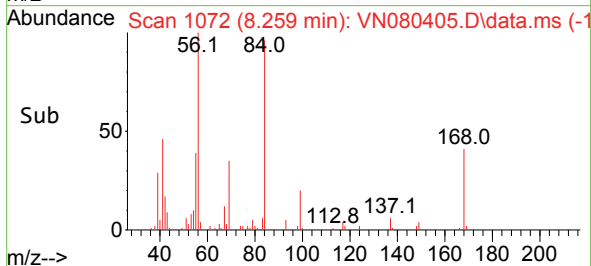


#31
Cyclohexane
Concen: 16.902 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Instrument :
MSVOA_N
ClientSampleId :

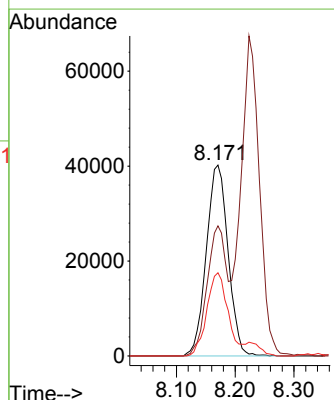
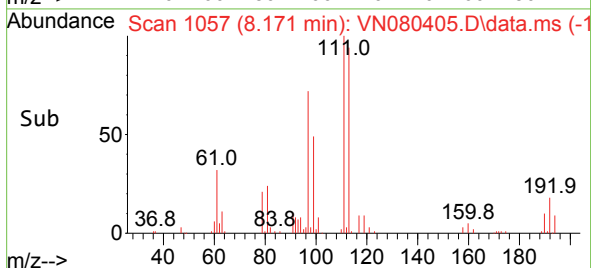
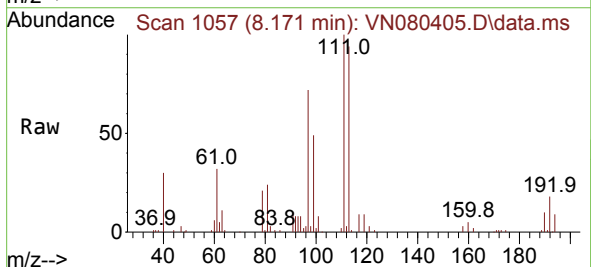


Tgt Ion: 56 Resp: 68360
Ion Ratio Lower Upper
56 100
69 34.6 26.8 40.2
84 98.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.674 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 97 Resp: 103503
Ion Ratio Lower Upper
97 100
99 59.4 50.3 75.5
61 43.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.945 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

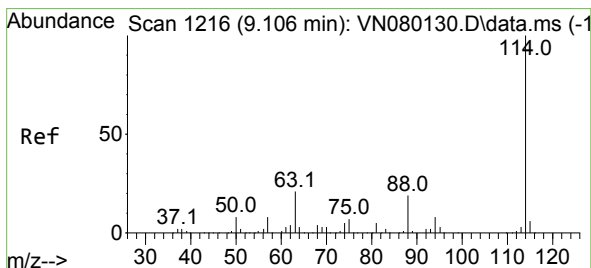
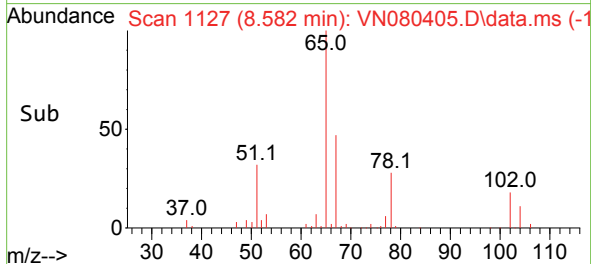
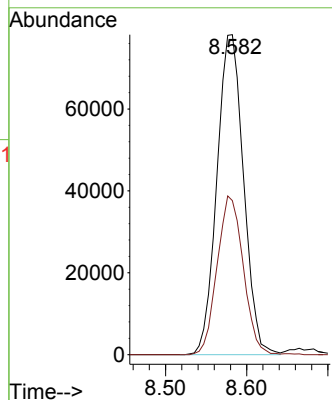
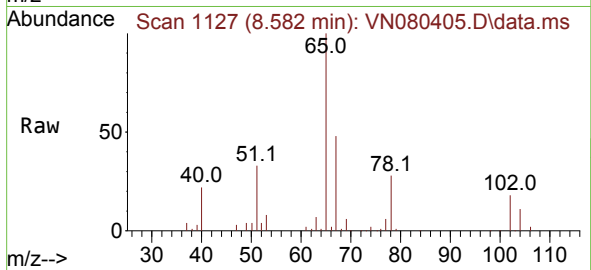
ClientSampleId :

Tgt Ion: 65 Resp: 178310

Ion Ratio Lower Upper

65 100

67 48.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

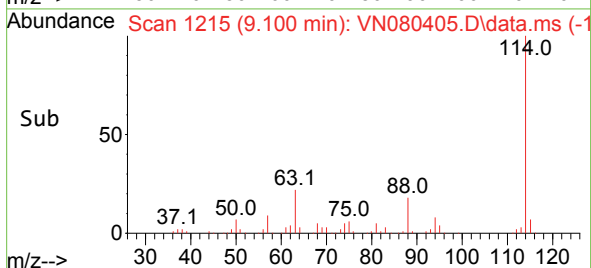
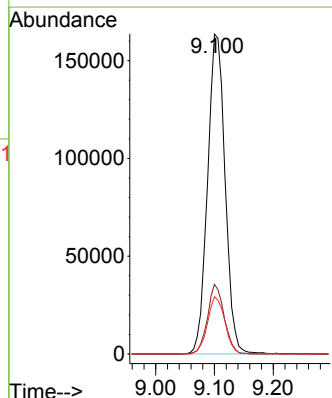
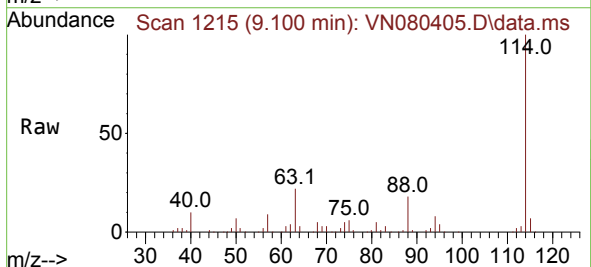
Tgt Ion:114 Resp: 339172

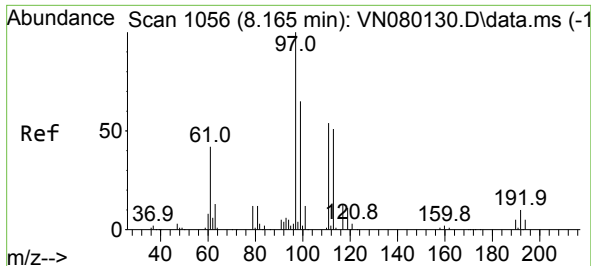
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

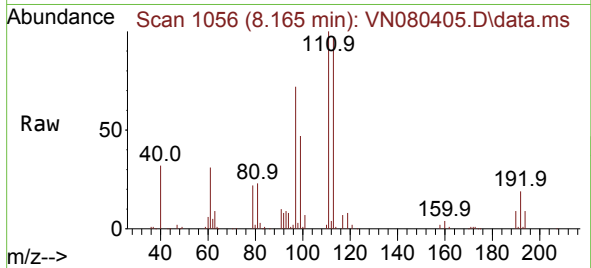
88 17.9 0.0 30.6



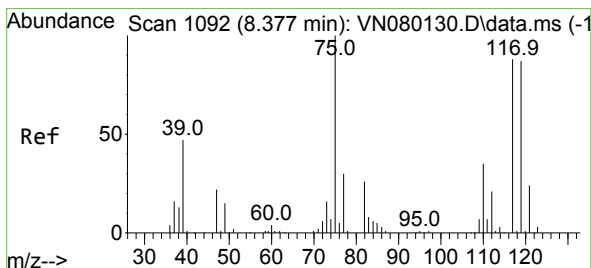
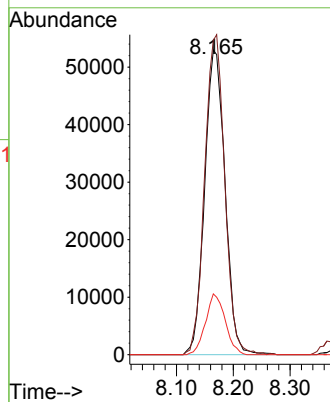
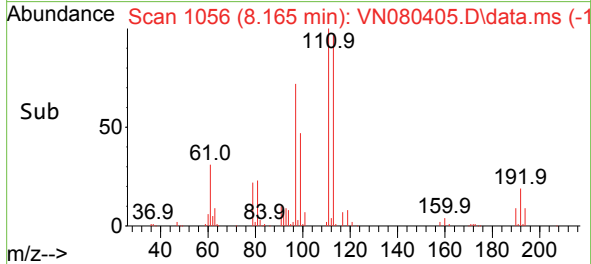


#35
Dibromofluoromethane
Concen: 52.760 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Instrument :
MSVOA_N
ClientSampleId :

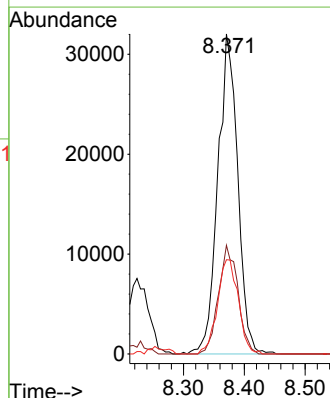
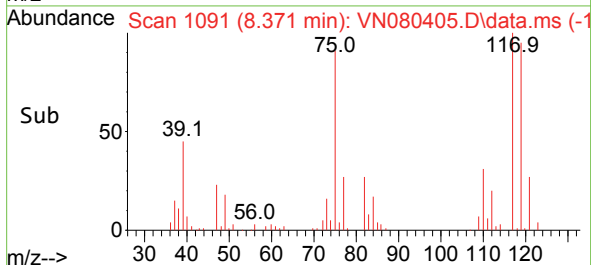
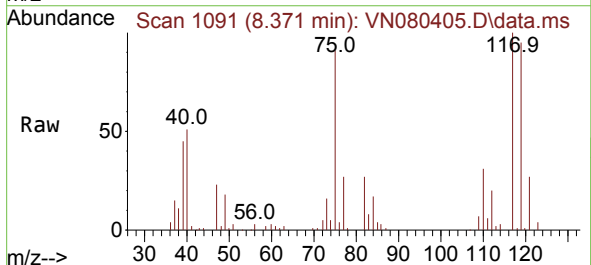


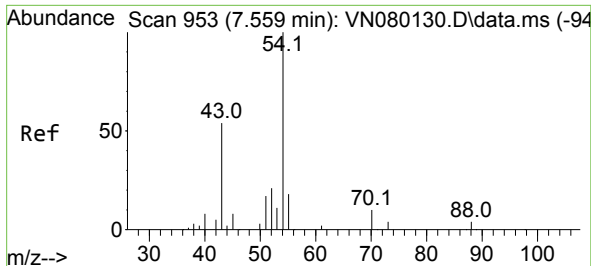
Tgt Ion:113 Resp: 132040
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.2 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 20.051 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 75 Resp: 72650
Ion Ratio Lower Upper
75 100
110 33.3 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 16.873 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080405.D

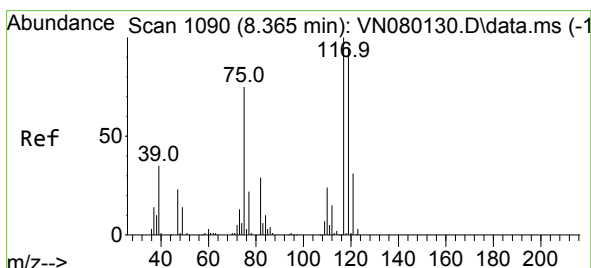
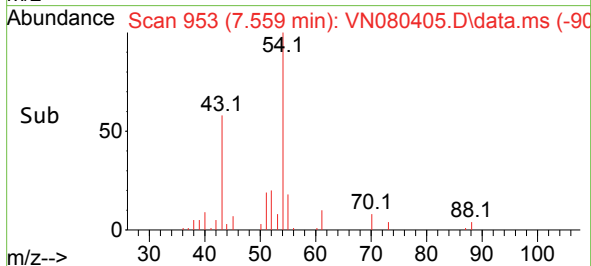
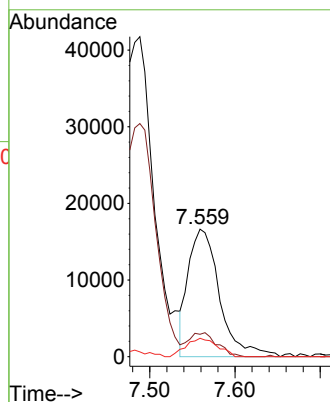
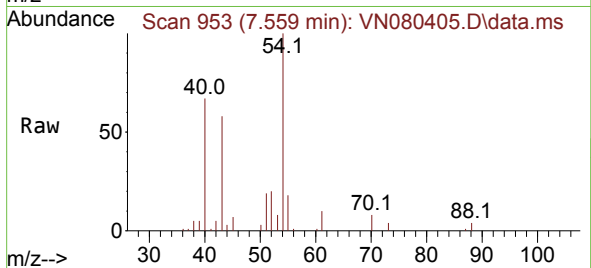
Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	42406
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.2	19.8
70	14.4	11.3	16.9



#38

Carbon Tetrachloride

Concen: 21.366 ug/l

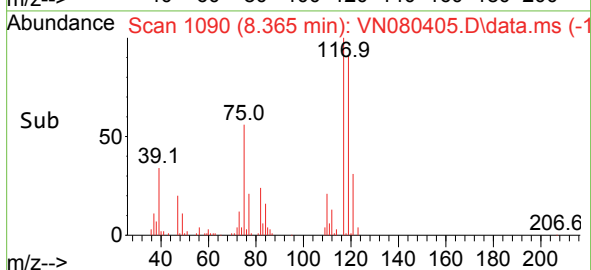
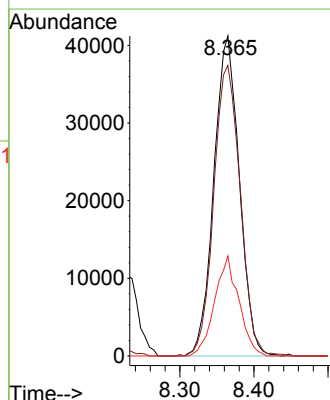
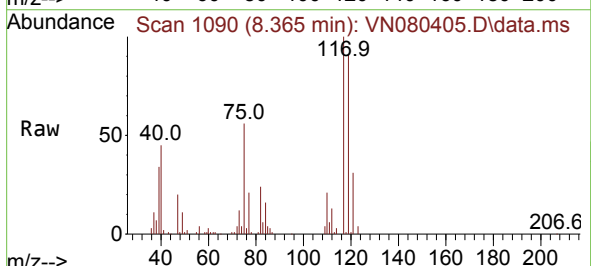
RT: 8.365 min Scan# 1090

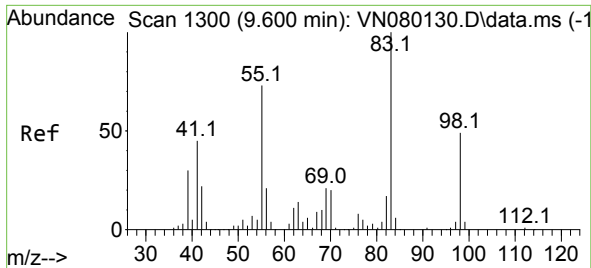
Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Tgt Ion:	117	Resp:	98240
Ion	Ratio	Lower	Upper
117	100		
119	90.3	77.3	115.9
121	31.2	23.3	34.9

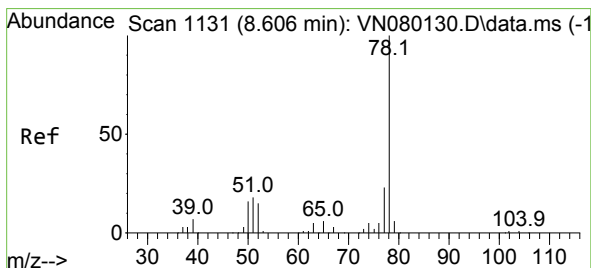
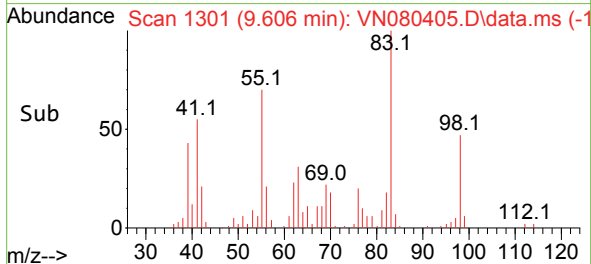
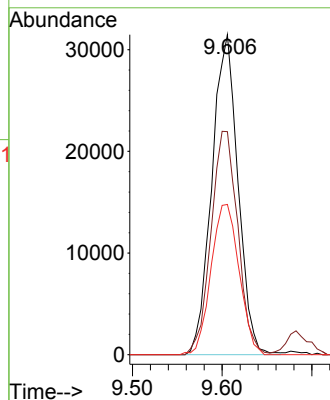
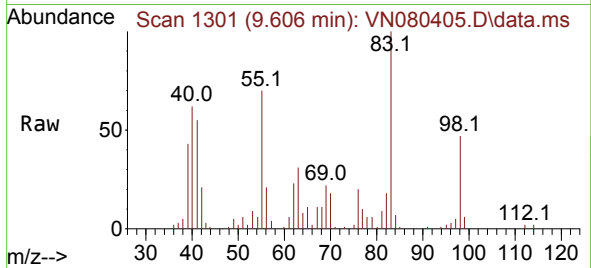




#39
Methylcyclohexane
Concen: 18.197 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

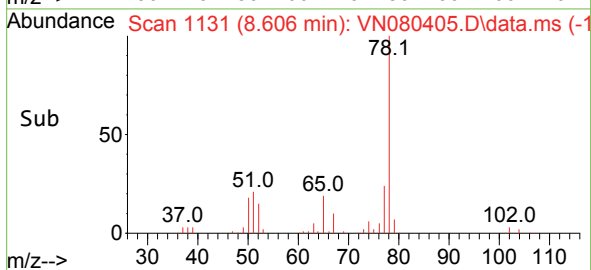
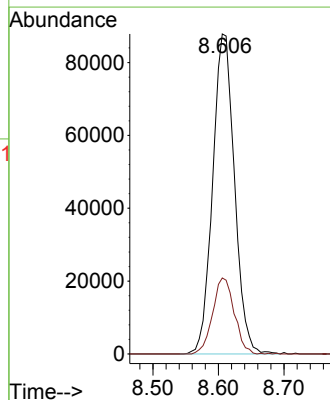
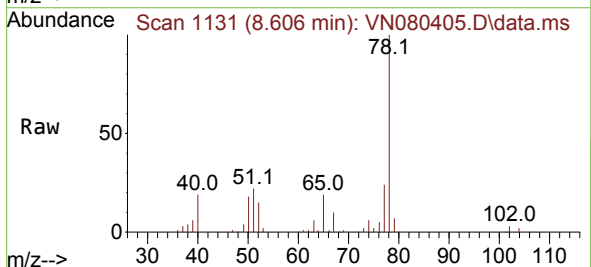
Instrument :
MSVOA_N
ClientSampleId :

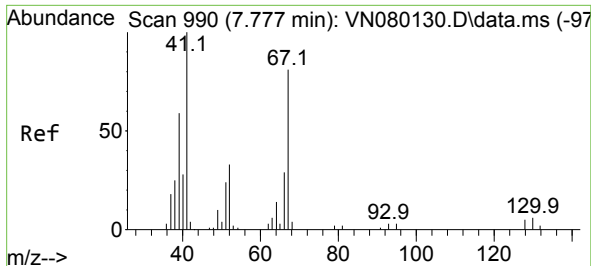
Tgt Ion: 83 Resp: 63573
Ion Ratio Lower Upper
83 100
55 69.7 49.1 73.7
98 47.0 40.6 61.0



#40
Benzene
Concen: 19.694 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 78 Resp: 202811
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

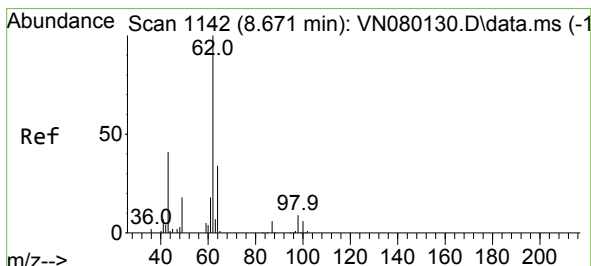
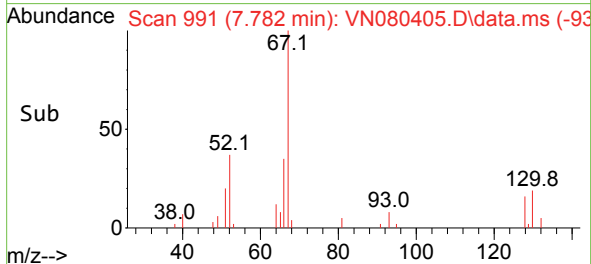
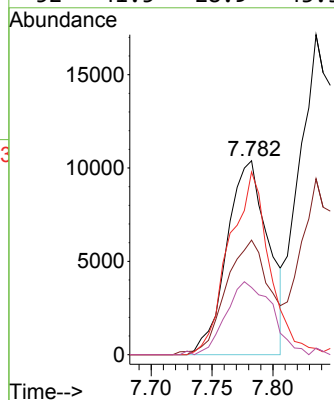
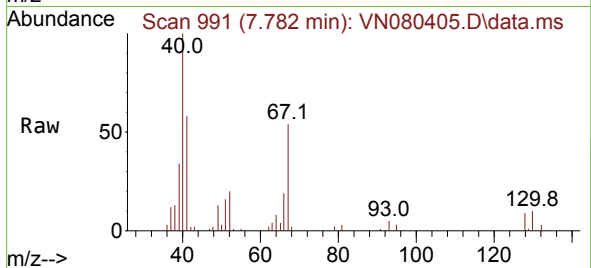




#41
Methacrylonitrile
Concen: 17.892 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

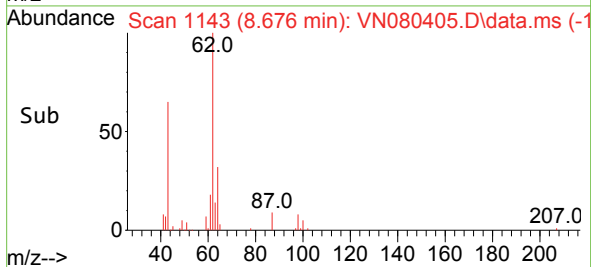
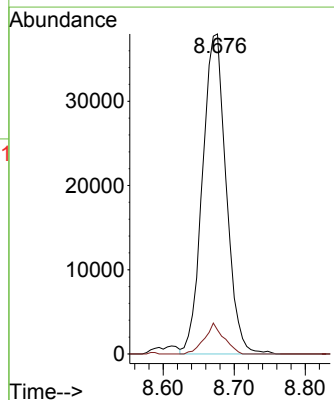
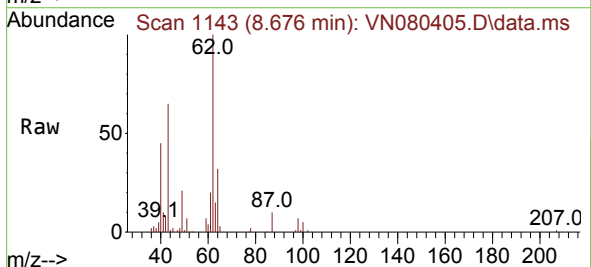
Instrument :
MSVOA_N
ClientSampleId :

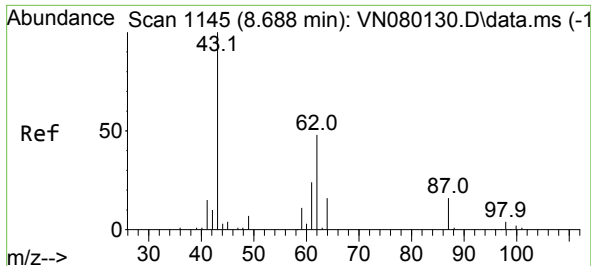
Tgt Ion: 41	Resp: 24695
Ion Ratio	Lower Upper
41 100	
39 61.8	42.6 64.0
67 92.5	77.5 116.3
52 41.5	28.9 43.3



#42
1,2-Dichloroethane
Concen: 20.889 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 62	Resp: 88009
Ion Ratio	Lower Upper
62 100	
98 7.8	0.0 19.8

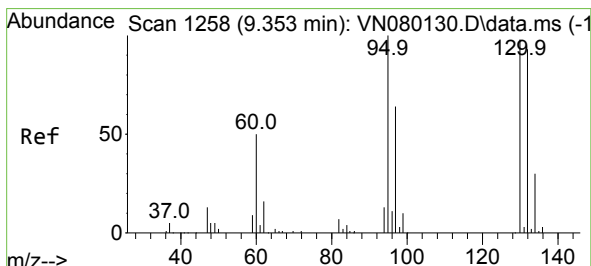
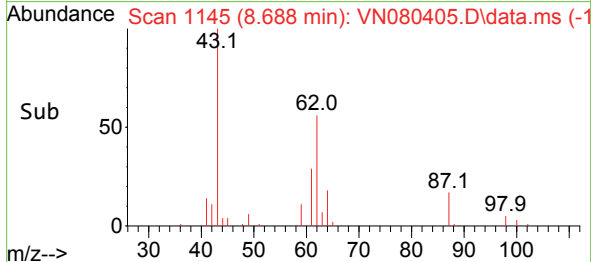
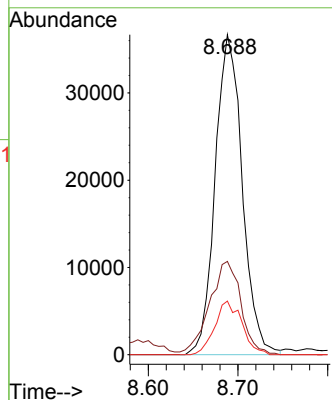
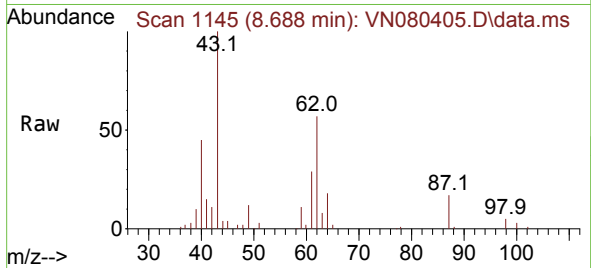




#43
Isopropyl Acetate
Concen: 15.727 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

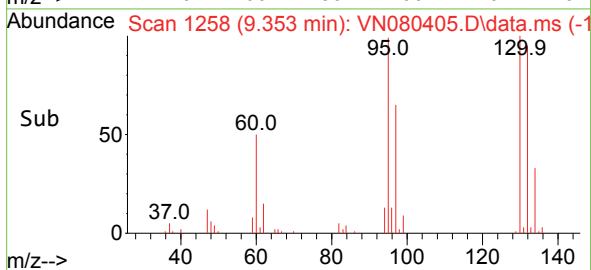
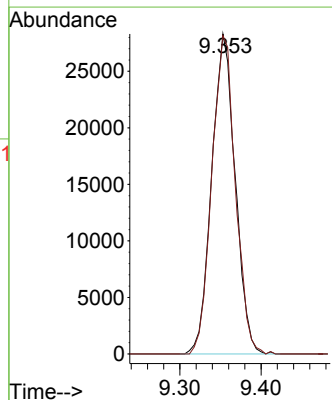
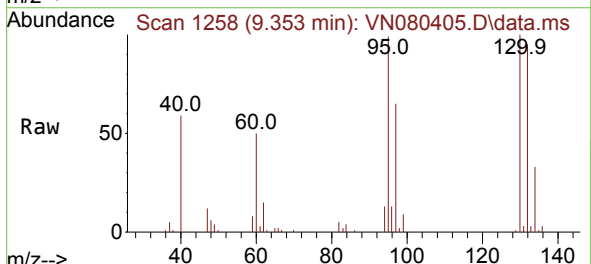
Instrument :
MSVOA_N
ClientSampleId :

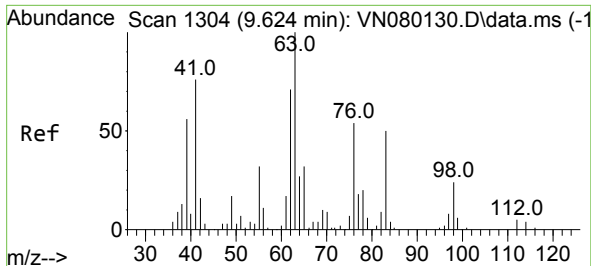
Tgt Ion: 43 Resp: 76915
Ion Ratio Lower Upper
43 100
61 34.0 24.7 37.1
87 16.8 14.6 21.8



#44
Trichloroethene
Concen: 21.055 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:130 Resp: 56876
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.457 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

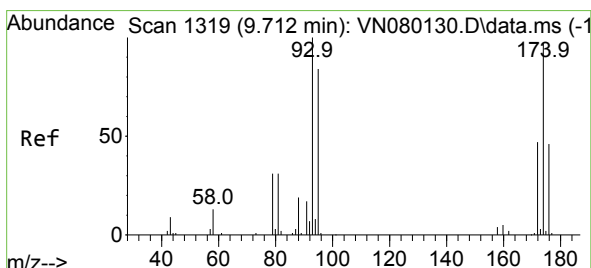
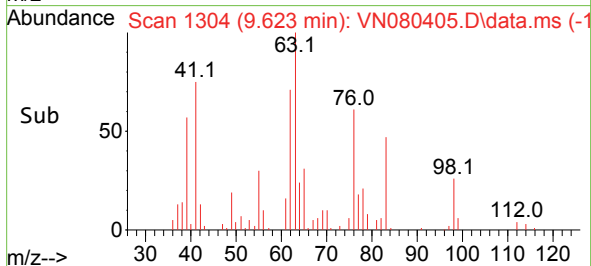
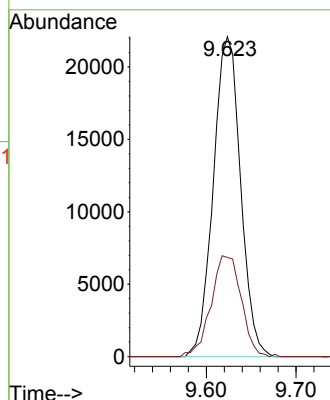
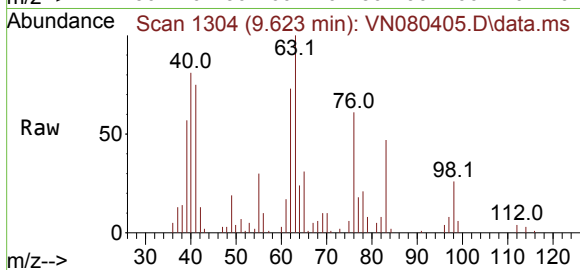
ClientSampleId :

Tgt Ion: 63 Resp: 46564

Ion Ratio Lower Upper

63 100

65 31.0 23.9 35.9



#46

Dibromomethane

Concen: 20.920 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

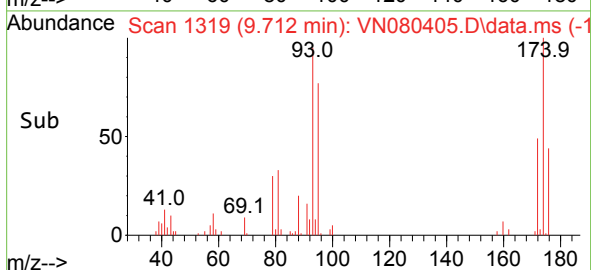
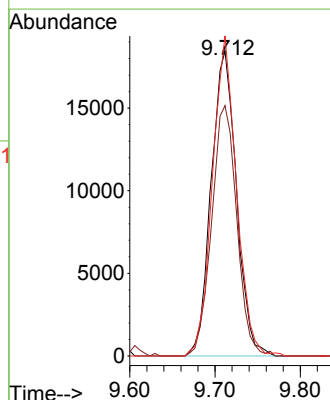
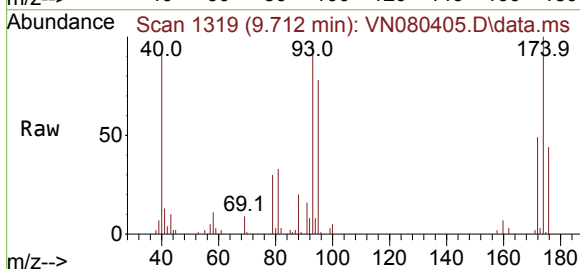
Tgt Ion: 93 Resp: 37897

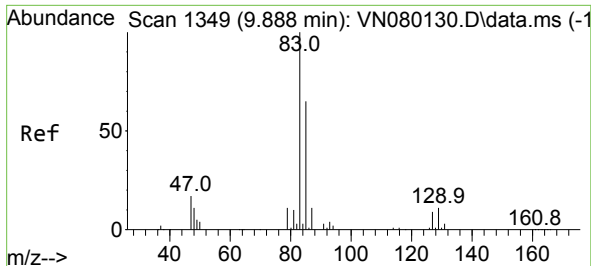
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

174 100.1 65.6 98.4#

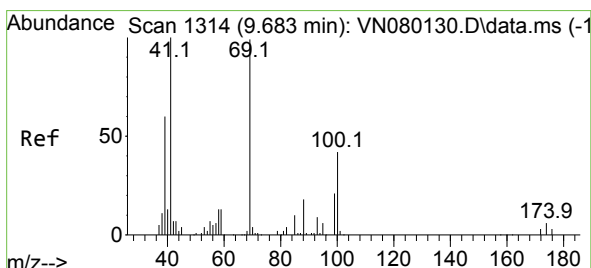
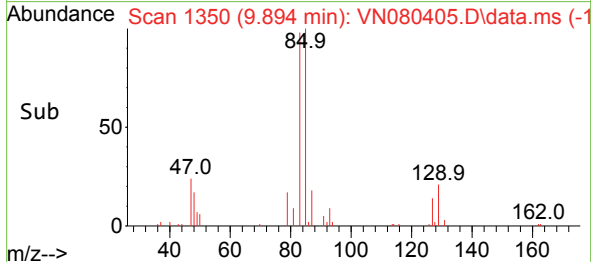
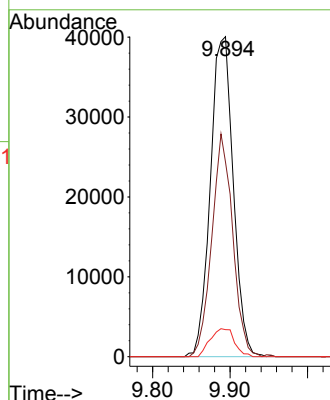
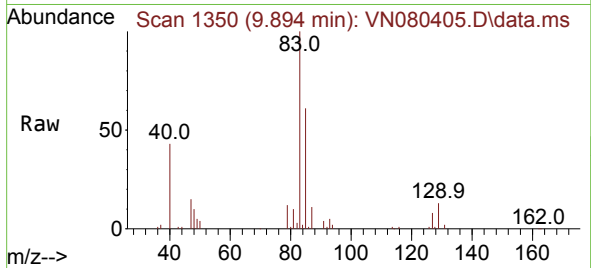




#47
Bromodichloromethane
Concen: 20.630 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

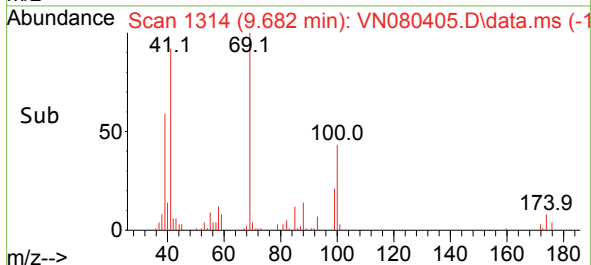
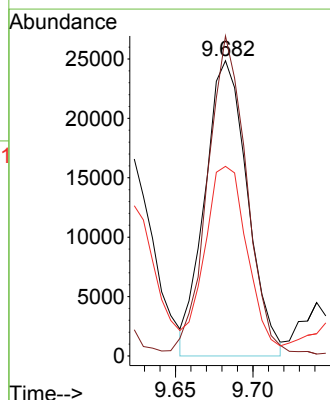
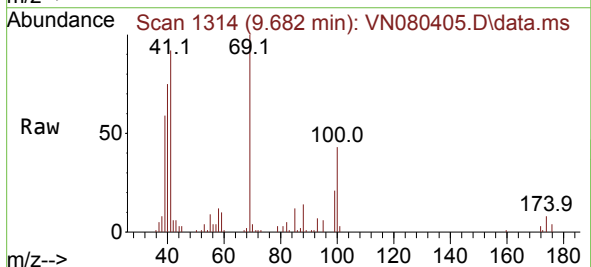
Instrument :
MSVOA_N
ClientSampleId :

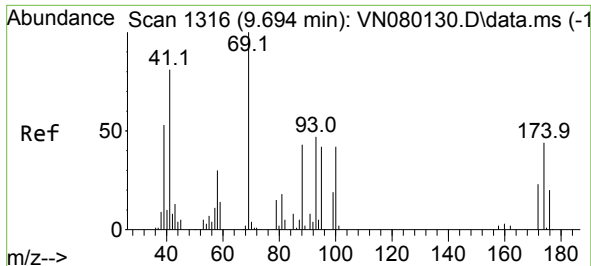
Tgt Ion: 83 Resp: 82209
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 18.847 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 41 Resp: 47503
Ion Ratio Lower Upper
41 100
69 100.8 90.4 135.6
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 360.459 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

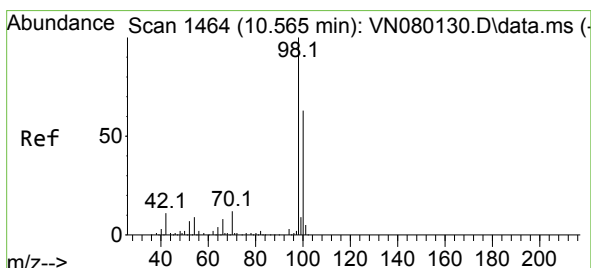
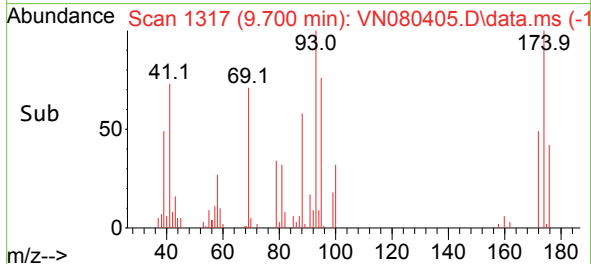
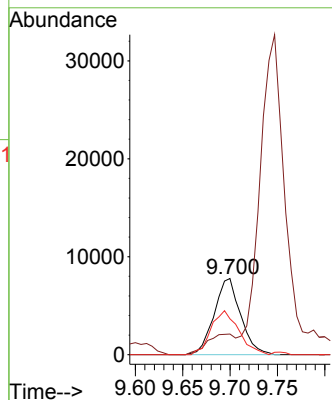
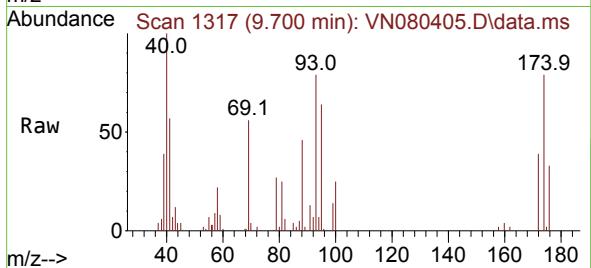
MSVOA_N

ClientSampleId :

Tgt Ion: 88 Resp: 15114

Ion Ratio Lower Upper

88	100		
43	29.0	17.0	25.6#
58	60.7	47.0	70.4



#50

Toluene-d8

Concen: 51.425 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

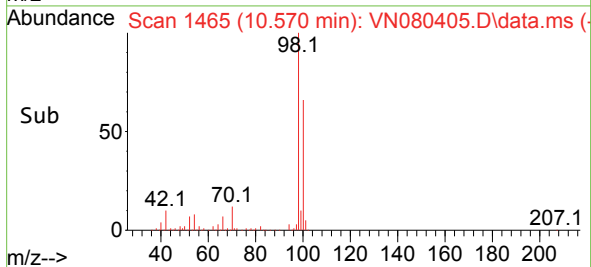
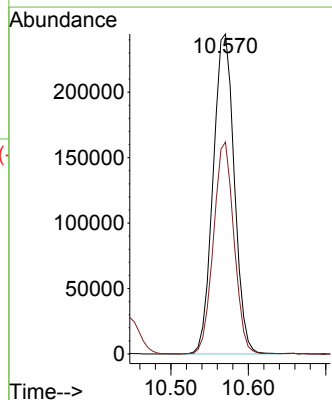
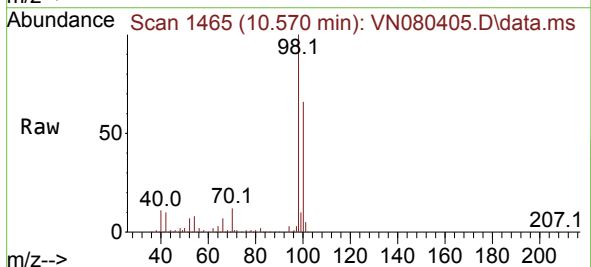
Lab File: VN080405.D

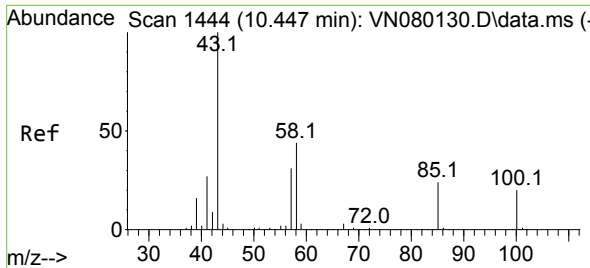
Acq: 08 Dec 2023 14:37

Tgt Ion: 98 Resp: 463931

Ion Ratio Lower Upper

98	100		
100	64.2	52.0	78.0

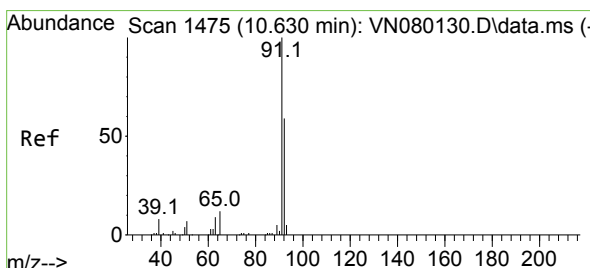
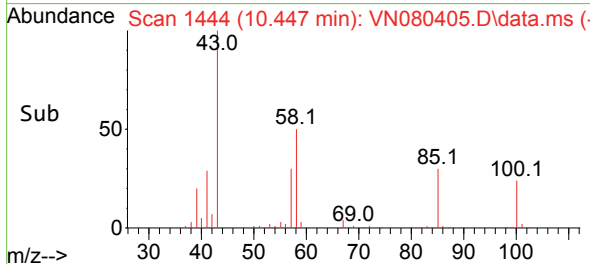
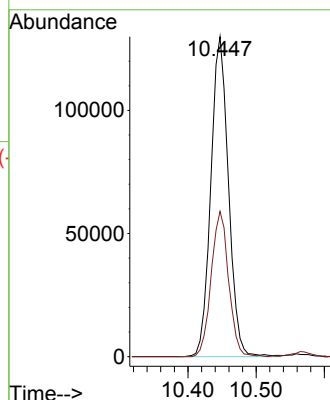
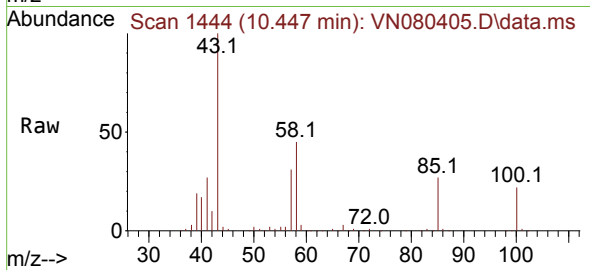




#51
4-Methyl-2-Pentanone
Concen: 92.514 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

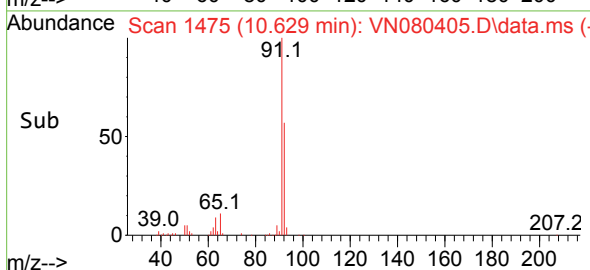
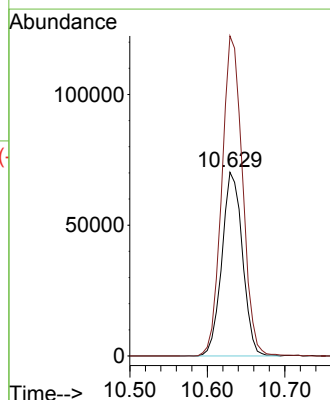
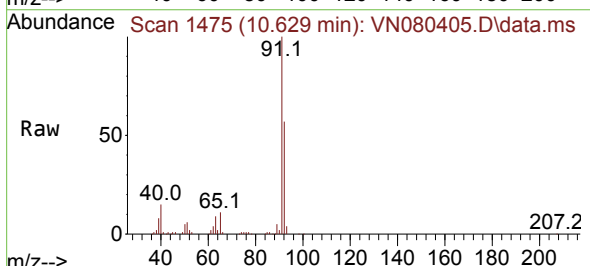
Instrument :
MSVOA_N
ClientSampleId :

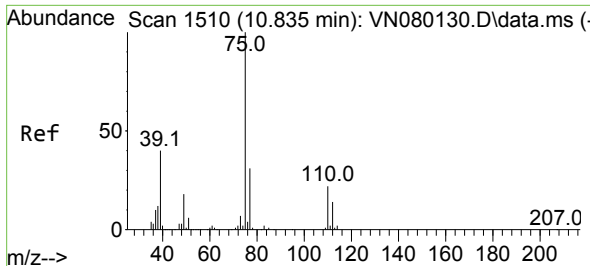
Tgt Ion: 43 Resp: 234253
Ion Ratio Lower Upper
43 100
58 44.9 36.6 54.8



#52
Toluene
Concen: 20.129 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 92 Resp: 129726
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0

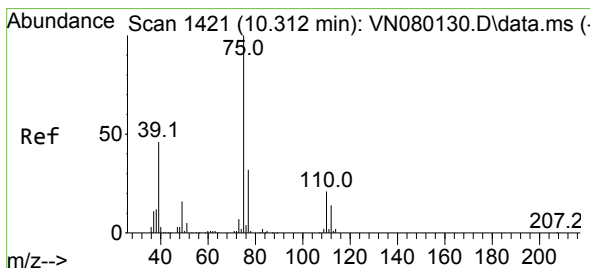
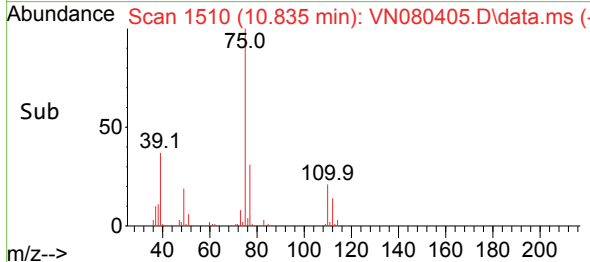
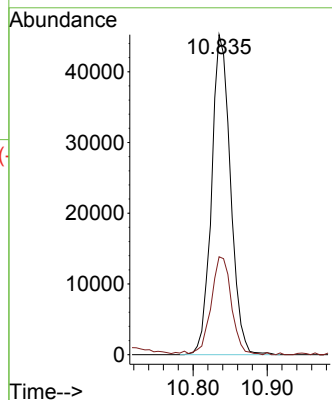
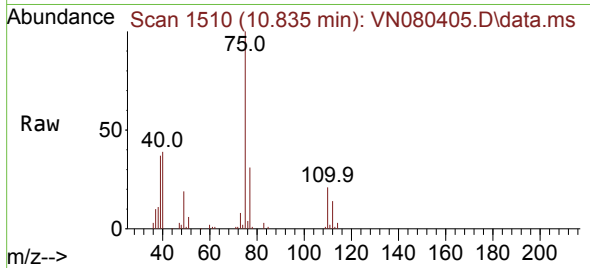




#53
 t-1,3-Dichloropropene
 Concen: 19.616 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

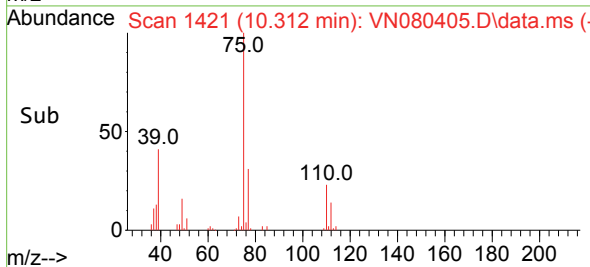
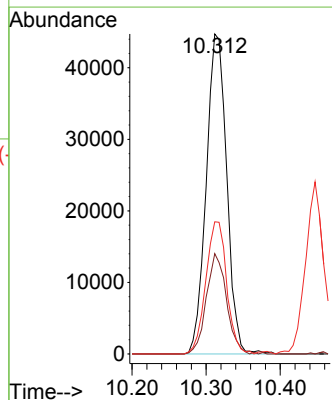
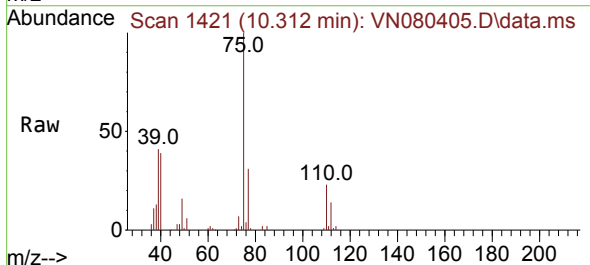
Instrument :
 MSVOA_N
 ClientSampleId :

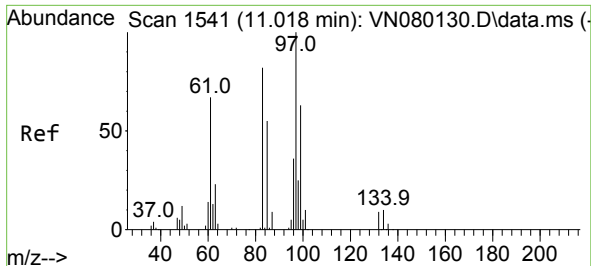
Tgt Ion: 75 Resp: 80313
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.549 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

Tgt Ion: 75 Resp: 85952
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 41.3 31.6 47.4

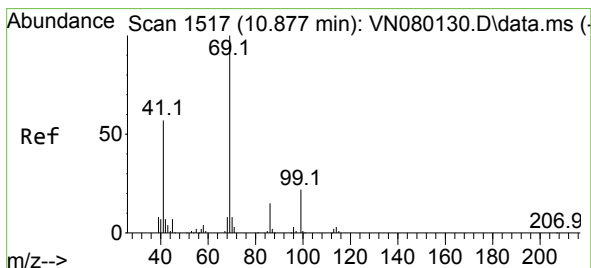
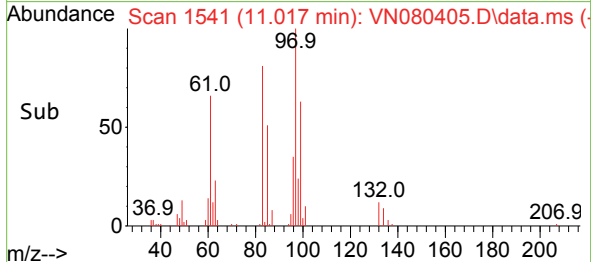
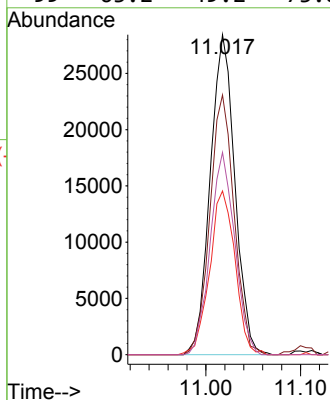
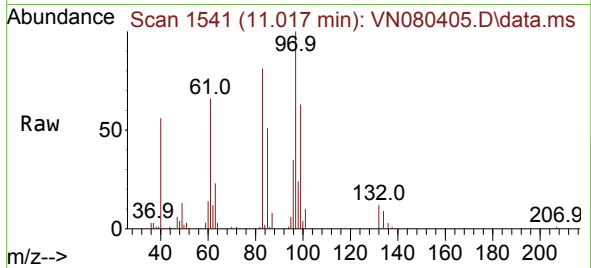




#55
1,1,2-Trichloroethane
Concen: 20.872 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

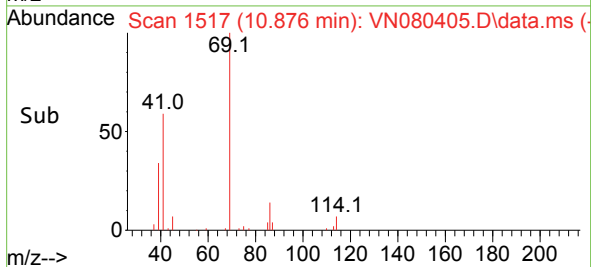
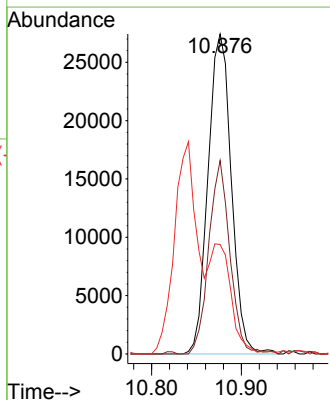
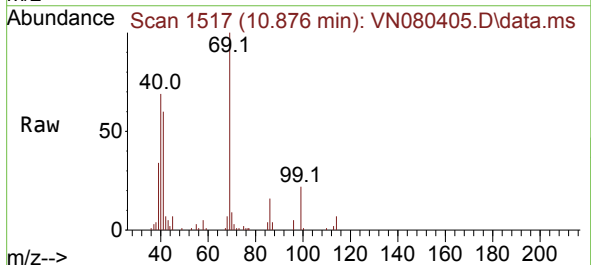
Instrument :
MSVOA_N
ClientSampleId :

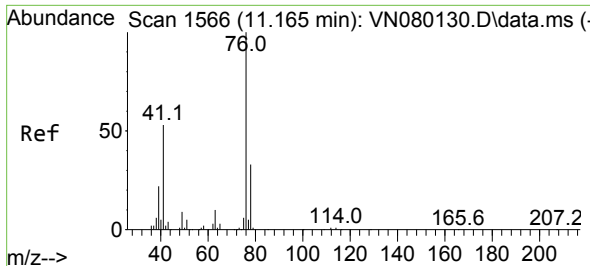
Tgt Ion:	97	Resp:	51340
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.1	97.7
85	51.1	43.4	65.2
99	63.2	49.2	73.8



#56
Ethyl methacrylate
Concen: 19.715 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:	69	Resp:	49541
Ion	Ratio	Lower	Upper
69	100		
41	54.8	39.6	59.4
39	25.8	28.6	43.0

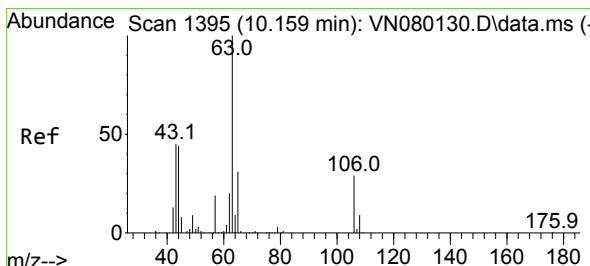
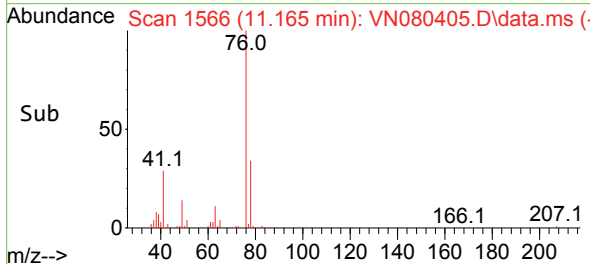
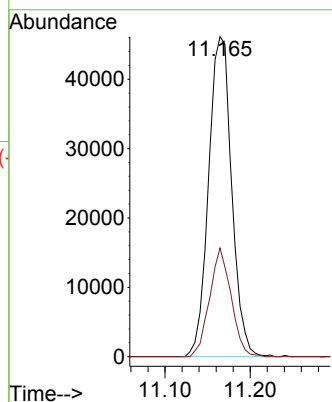
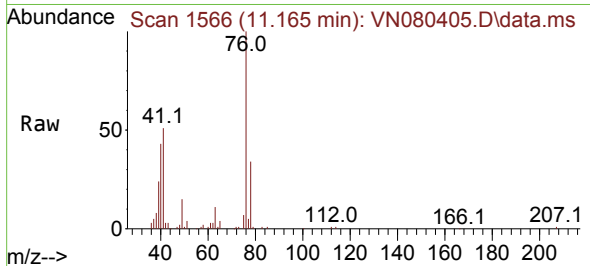




#57
1,3-Dichloropropane
Concen: 20.211 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

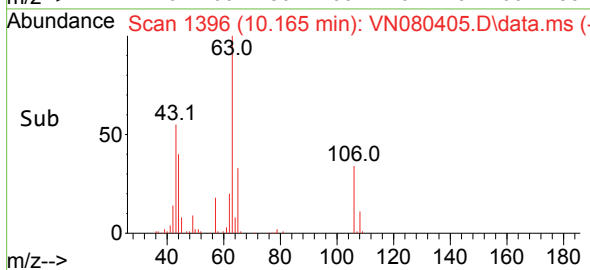
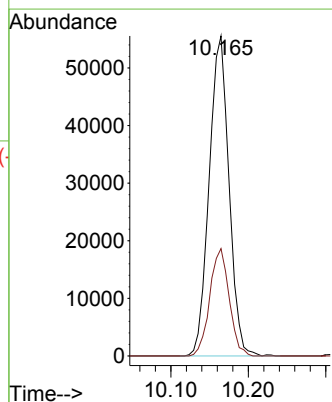
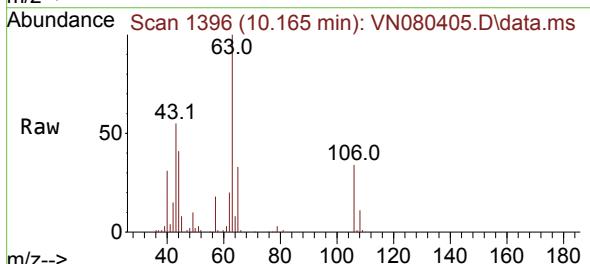
Instrument :
MSVOA_N
ClientSampleId :

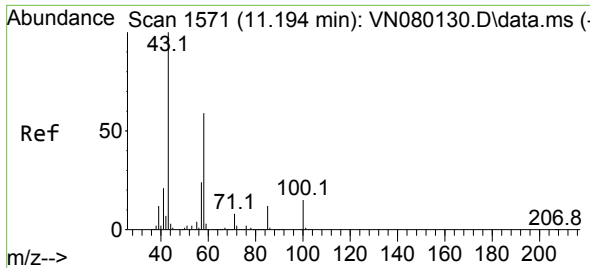
Tgt Ion: 76 Resp: 86798
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 69.691 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 63 Resp: 98658
Ion Ratio Lower Upper
63 100
106 32.8 26.2 39.4

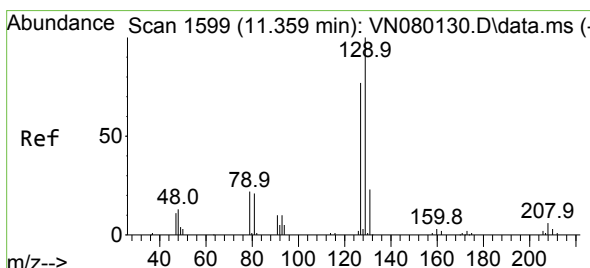
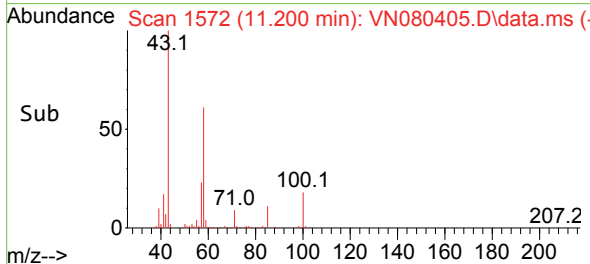
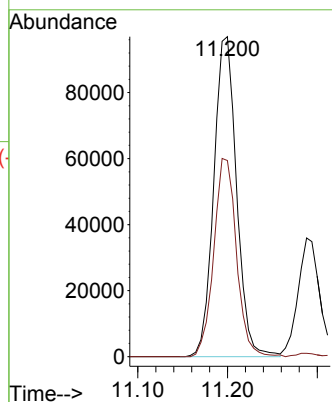
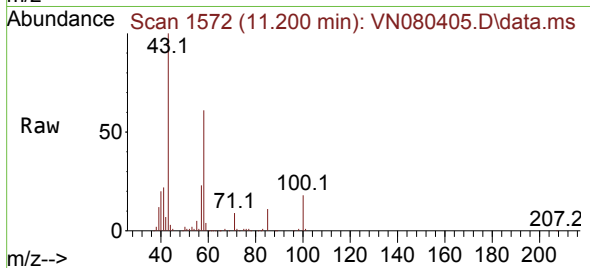




#59
2-Hexanone
Concen: 83.911 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

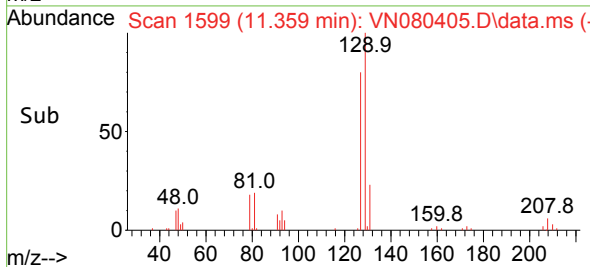
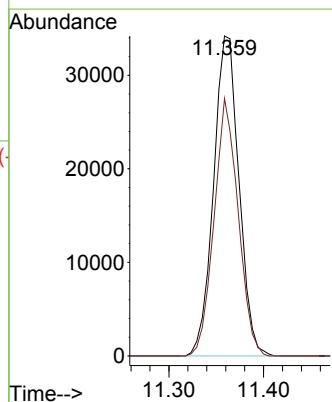
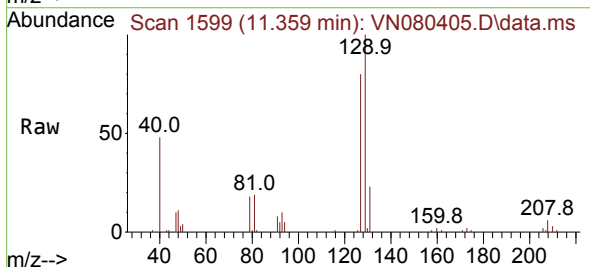
Instrument :
MSVOA_N
ClientSampleId :

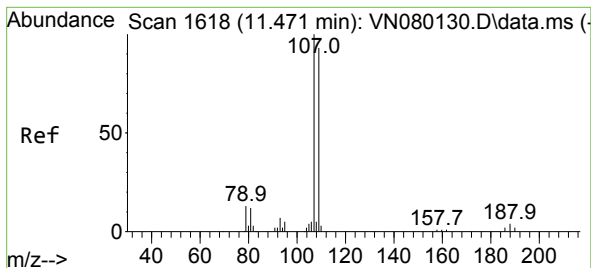
Tgt Ion: 43 Resp: 170730
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1



#60
Dibromochloromethane
Concen: 21.660 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 129 Resp: 63786
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

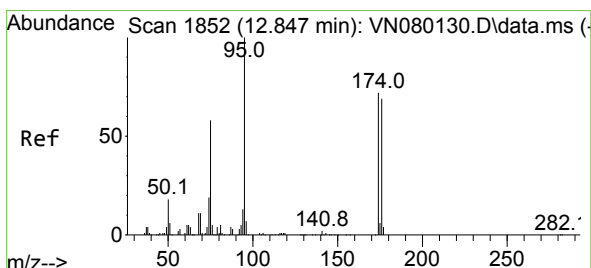
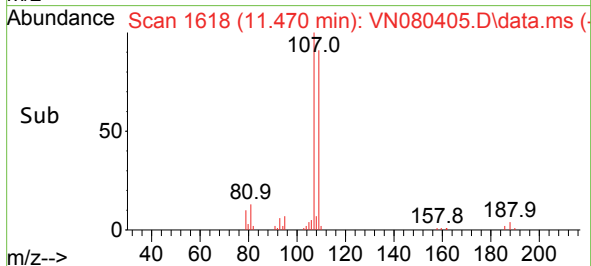
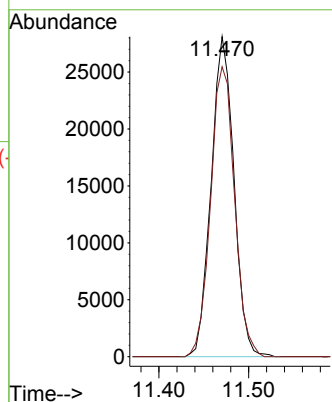
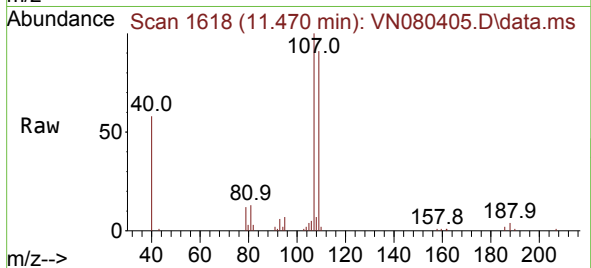




#61
1,2-Dibromoethane
Concen: 19.746 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

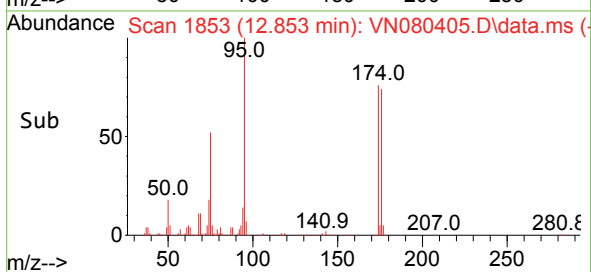
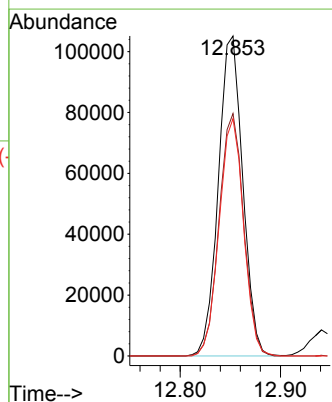
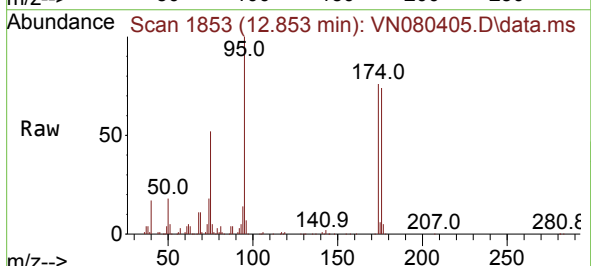
Instrument :
MSVOA_N
ClientSampleId :

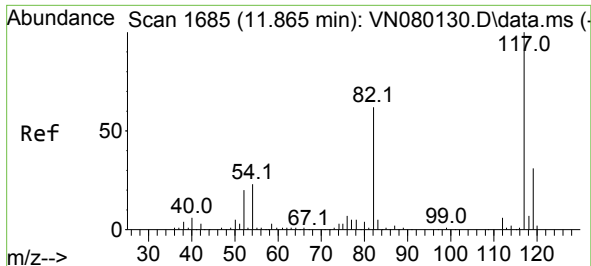
Tgt Ion:107 Resp: 49549
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 95 Resp: 177943
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 73.8 0.0 135.8

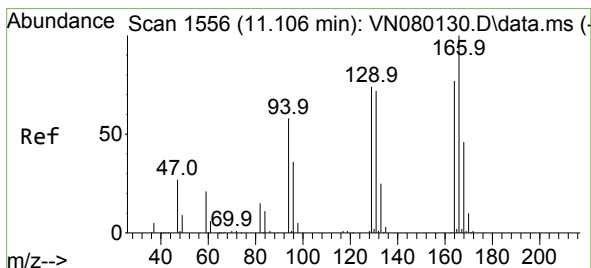
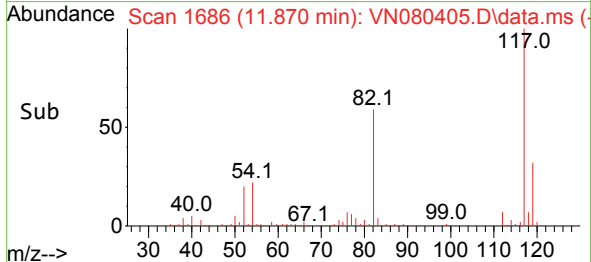
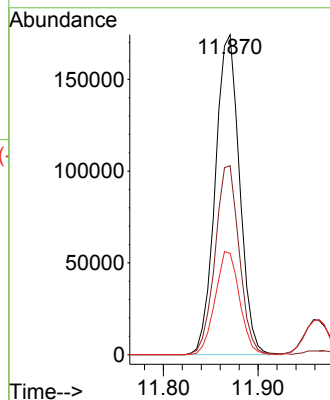
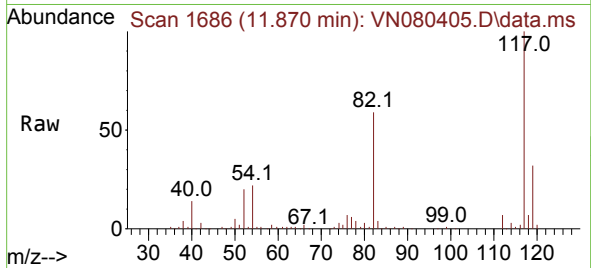




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

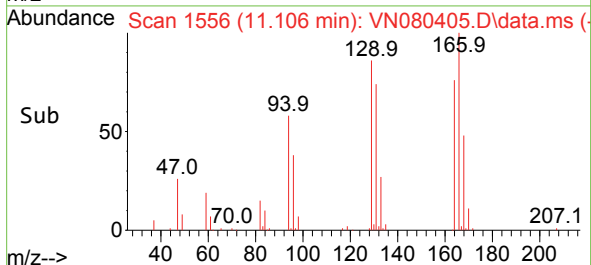
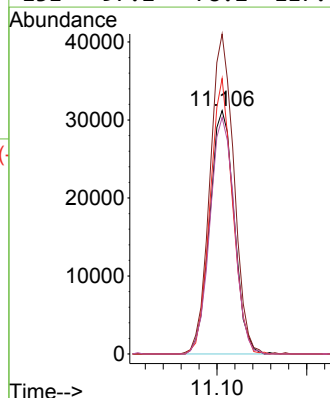
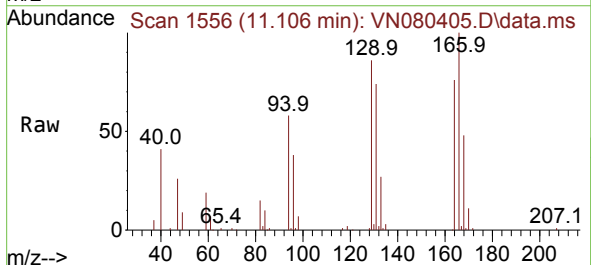
Instrument :
MSVOA_N
ClientSampleId :

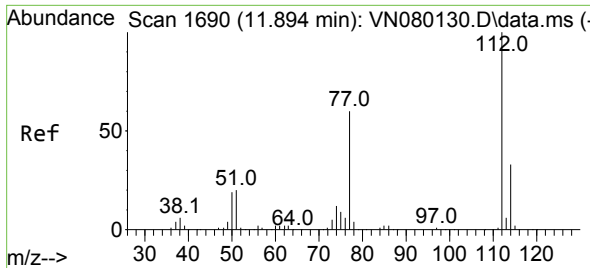
Tgt Ion:117 Resp: 310737
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 24.905 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:164 Resp: 59060
Ion Ratio Lower Upper
164 100
166 131.5 101.4 152.0
129 113.2 82.4 123.6
131 97.2 78.2 117.4

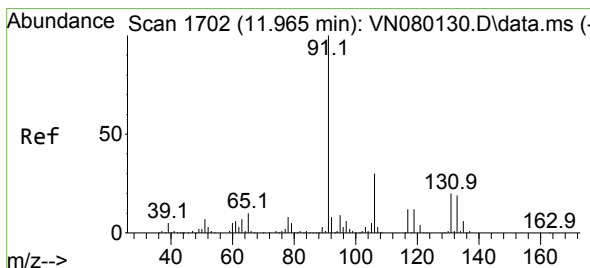
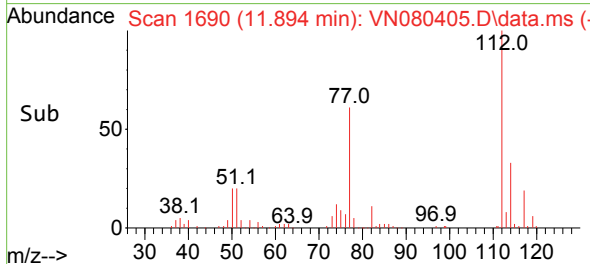
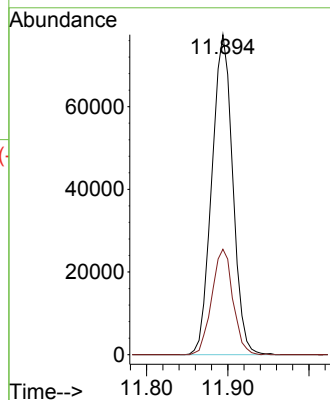
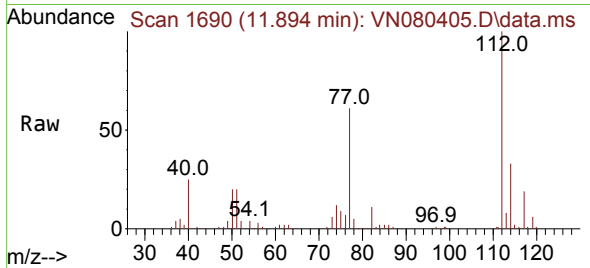




#65
Chlorobenzene
Concen: 19.653 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

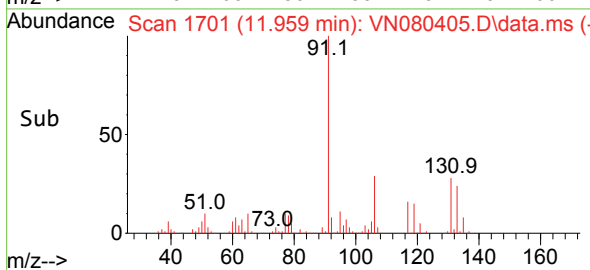
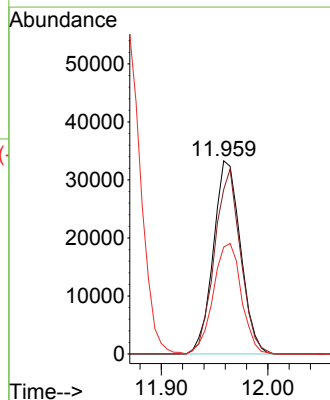
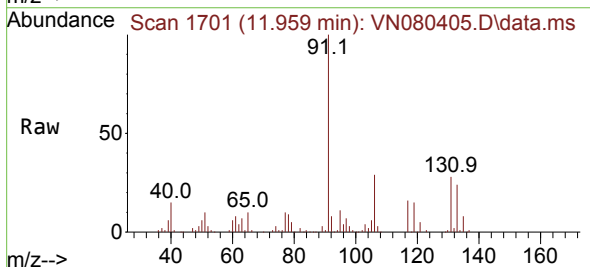
Instrument :
MSVOA_N
ClientSampleId :

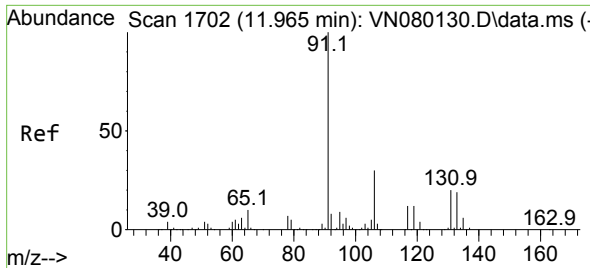
Tgt Ion:112 Resp: 138380
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.575 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:131 Resp: 58952
Ion Ratio Lower Upper
131 100
133 91.8 46.4 139.1
119 59.2 34.1 102.2

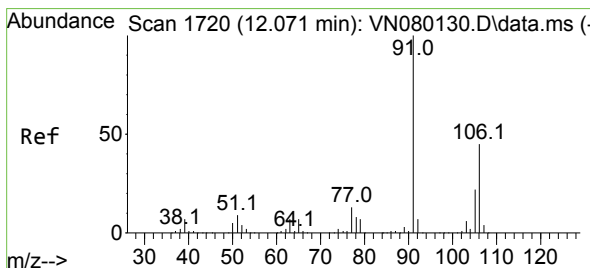
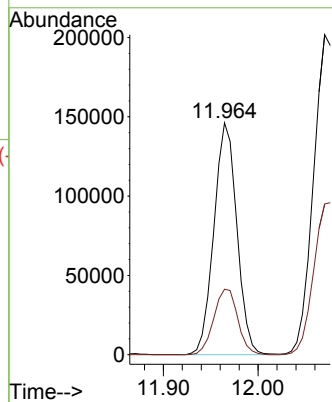
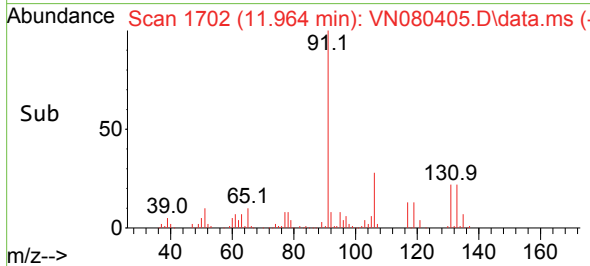
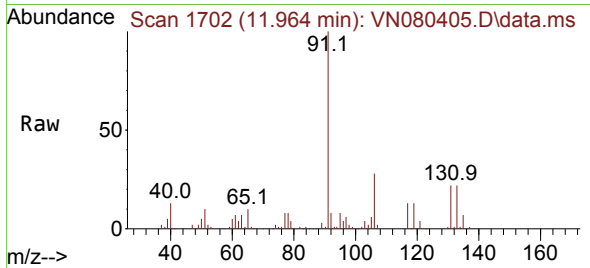




#67
Ethyl Benzene
Concen: 19.639 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

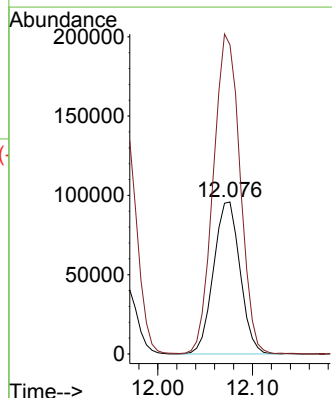
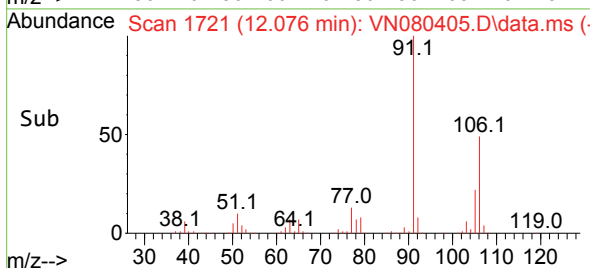
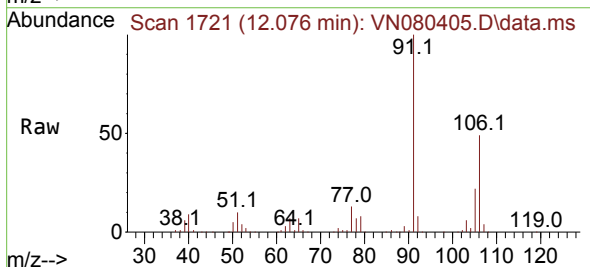
Instrument :
MSVOA_N
ClientSampleId :

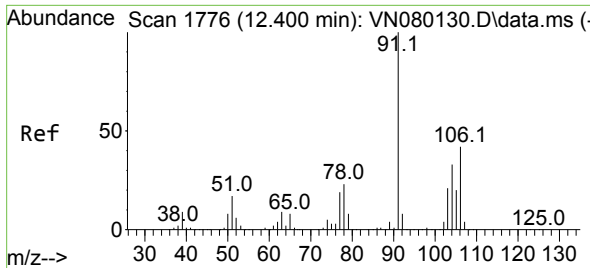
Tgt Ion: 91 Resp: 246066
Ion Ratio Lower Upper
91 100
106 28.2 25.6 38.4



#68
m/p-Xylenes
Concen: 40.806 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:106 Resp: 186411
Ion Ratio Lower Upper
106 100
91 212.6 159.6 239.4

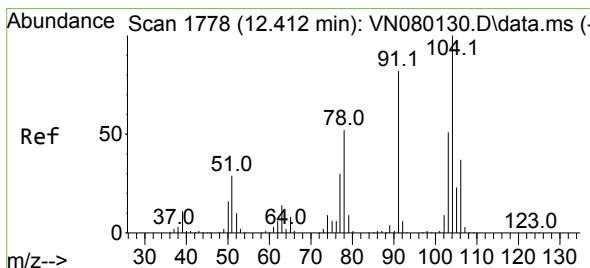
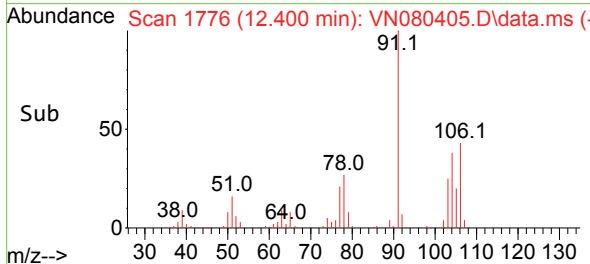
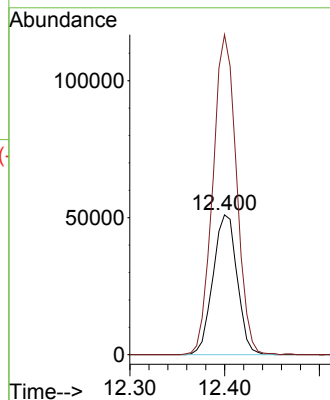
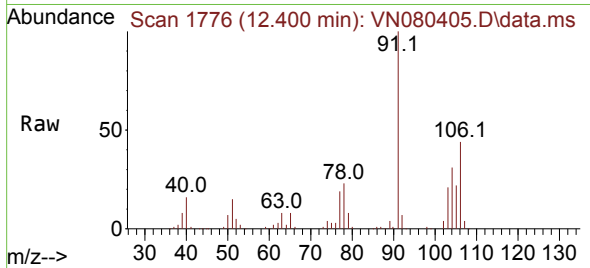




#69
o-Xylene
Concen: 21.019 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

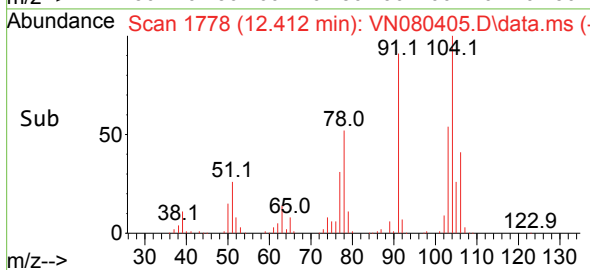
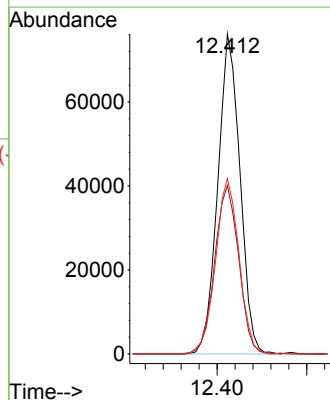
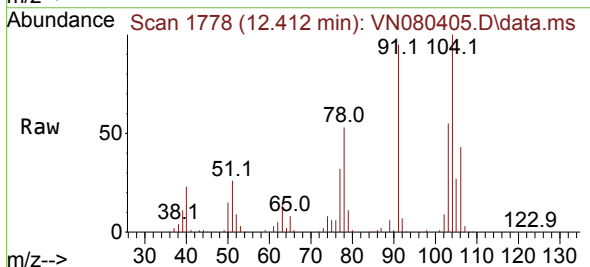
Instrument :
MSVOA_N
ClientSampleId :

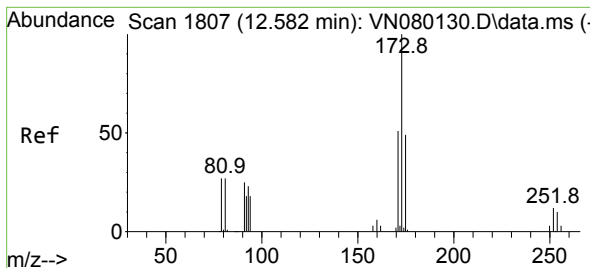
Tgt Ion:106 Resp: 90493
Ion Ratio Lower Upper
106 100
91 224.0 105.2 315.5



#70
Styrene
Concen: 20.358 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:104 Resp: 130448
Ion Ratio Lower Upper
104 100
78 57.2 39.5 59.3
103 57.9 43.2 64.8





#71

Bromoform

Concen: 21.365 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

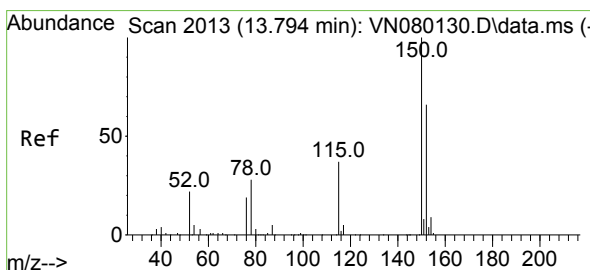
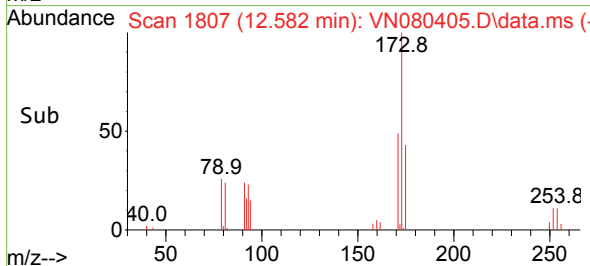
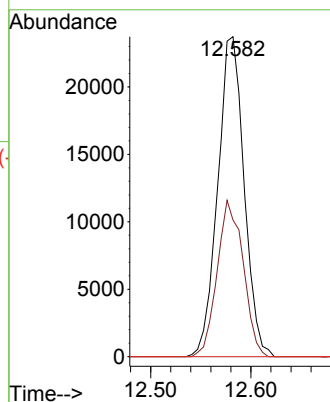
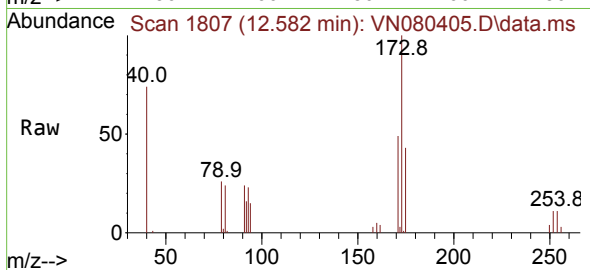
Tgt Ion:173 Resp: 43292

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

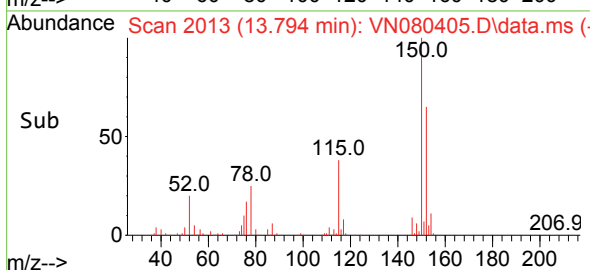
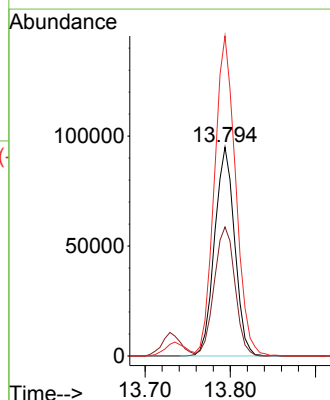
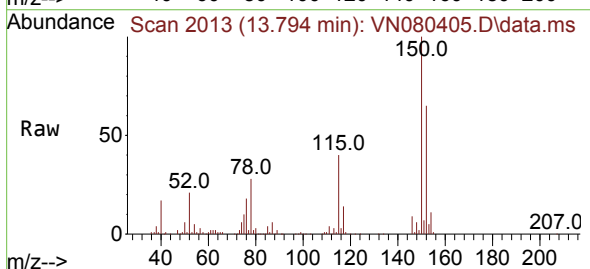
Tgt Ion:152 Resp: 155222

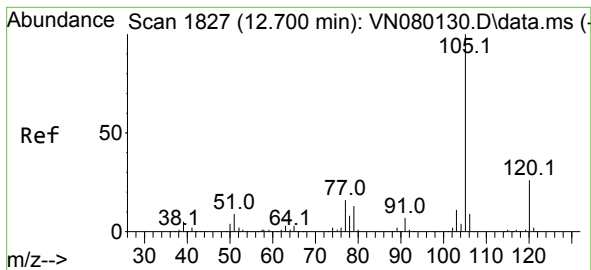
Ion Ratio Lower Upper

152 100

115 64.0 32.3 96.8

150 162.5 0.0 355.8





#73

Isopropylbenzene

Concen: 19.111 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

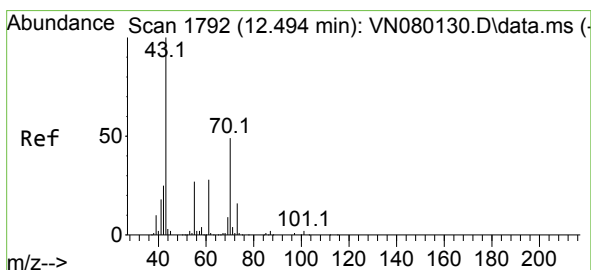
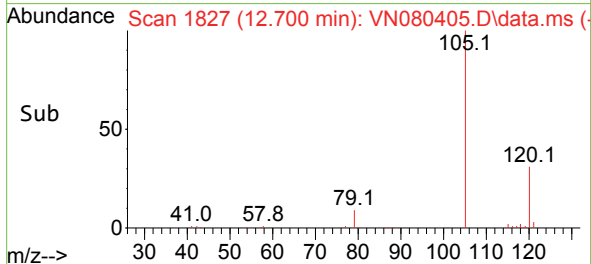
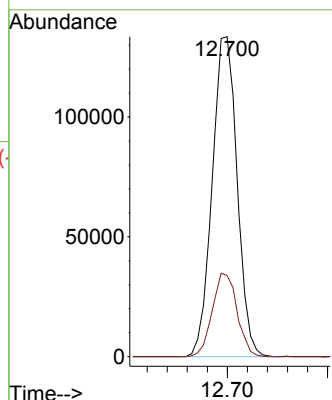
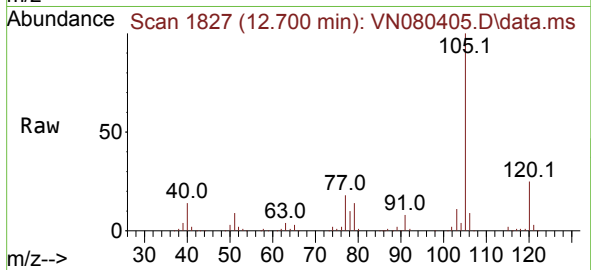
ClientSampleId :

Tgt Ion:105 Resp: 230511

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 15.362 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Tgt Ion: 43 Resp: 57785

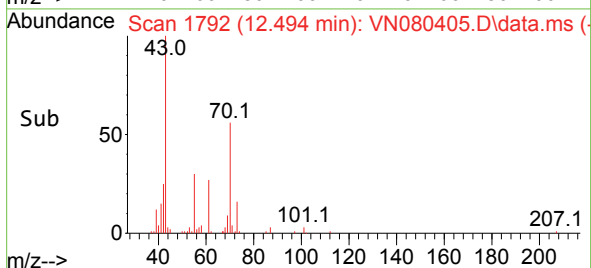
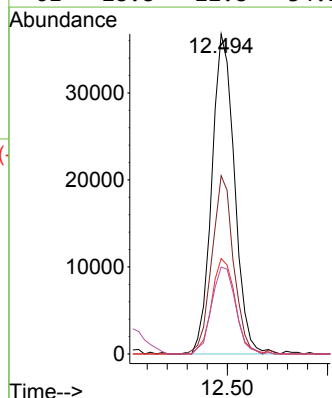
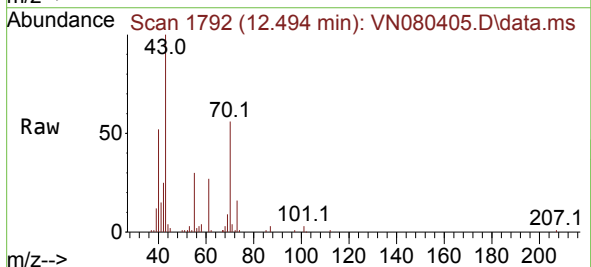
Ion Ratio Lower Upper

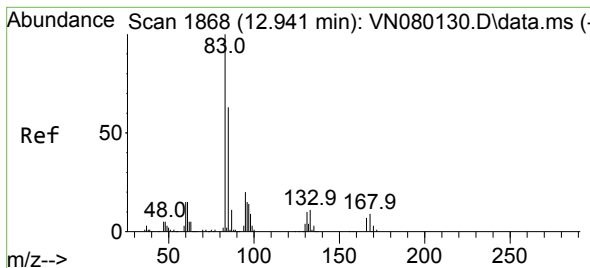
43 100

70 53.2 43.4 65.2

55 31.1 21.4 32.0

61 28.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.373 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

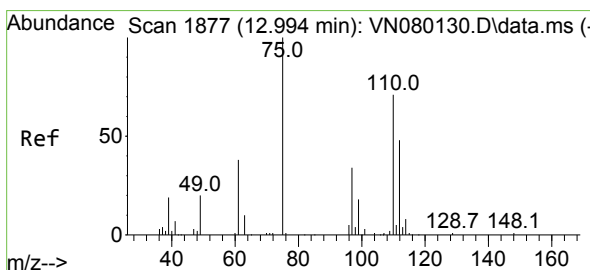
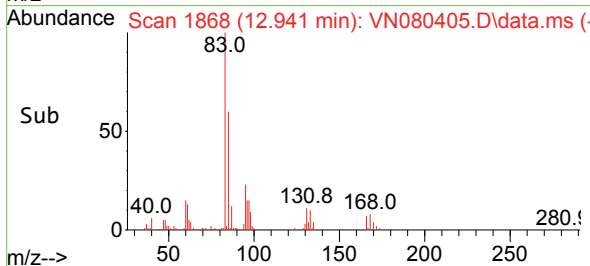
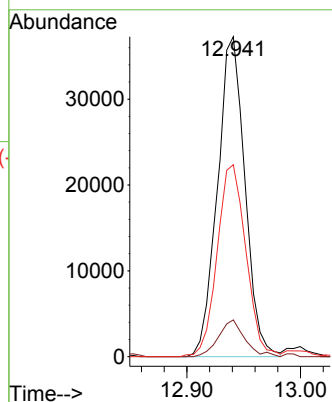
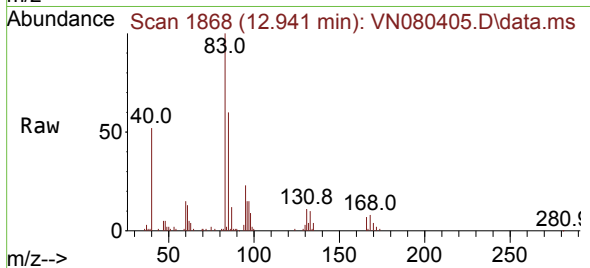
Tgt Ion: 83 Resp: 62717

Ion Ratio Lower Upper

83 100

131 11.0 5.0 15.0

85 62.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.454 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080405.D

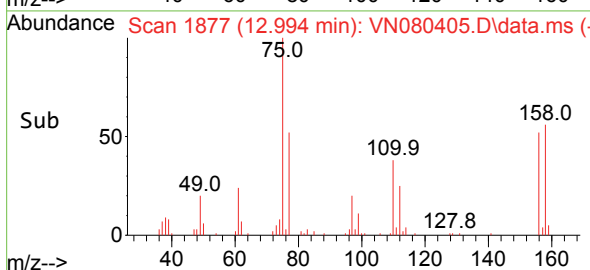
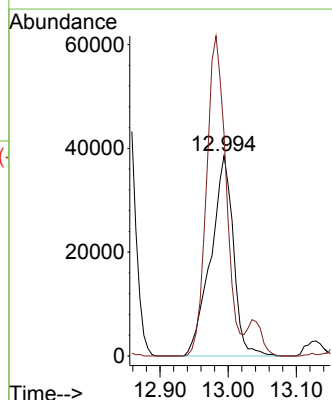
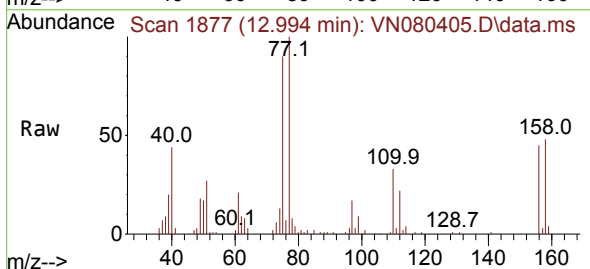
Acq: 08 Dec 2023 14:37

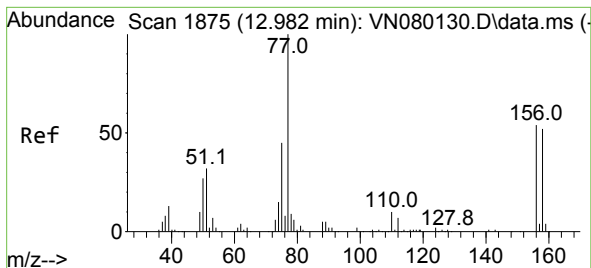
Tgt Ion: 75 Resp: 89201

Ion Ratio Lower Upper

75 100

77 138.2 84.5 253.5





#77

Bromobenzene

Concen: 19.067 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080405.D

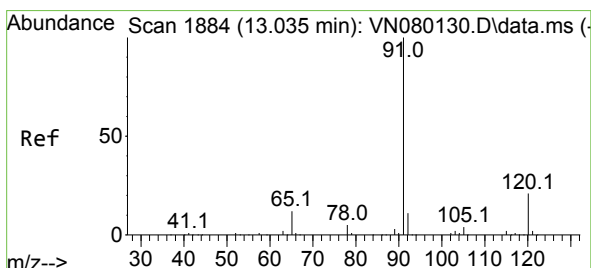
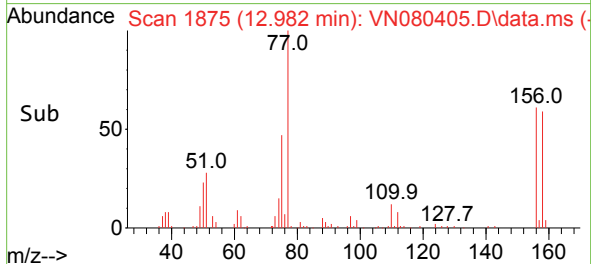
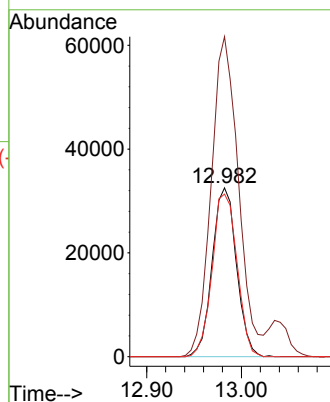
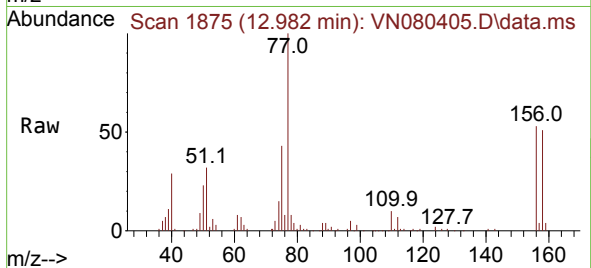
Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	57984
Ion Ratio	Lower	Upper	
156	100		
77	212.5	107.7	323.3
158	98.9	48.4	145.3



#78

n-propylbenzene

Concen: 19.134 ug/l

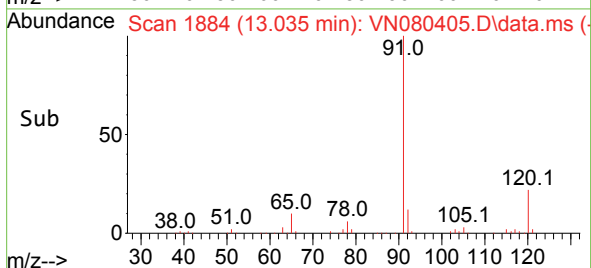
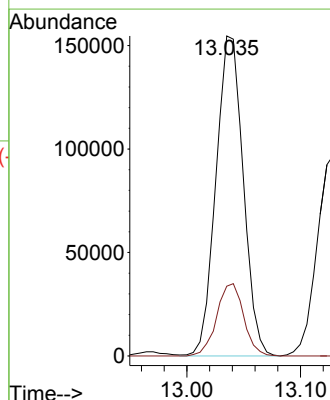
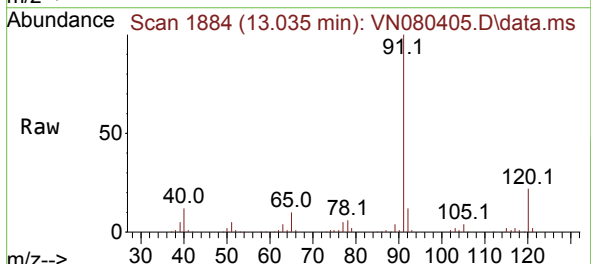
RT: 13.035 min Scan# 1884

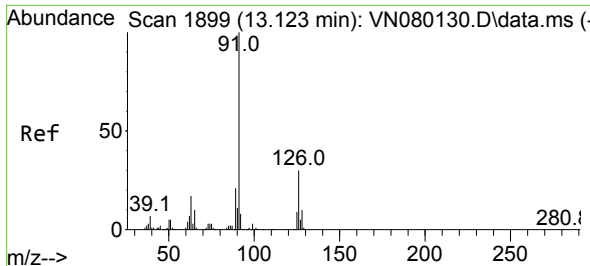
Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Tgt Ion:	91	Resp:	258074
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4

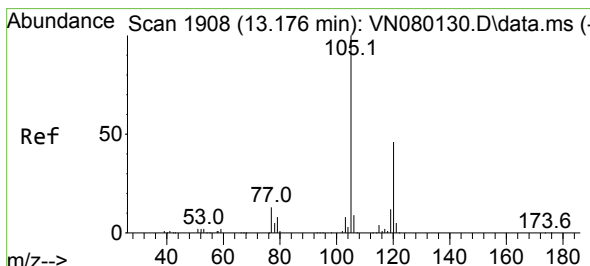
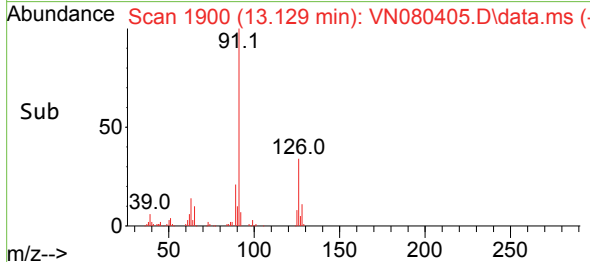
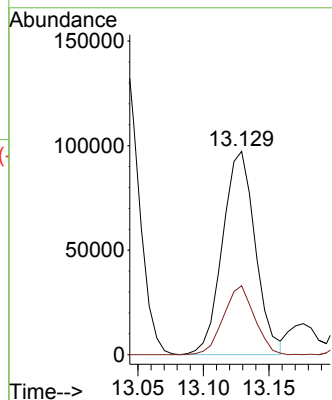
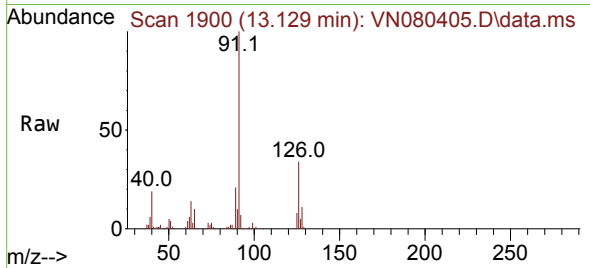




#79
2-Chlorotoluene
Concen: 19.348 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

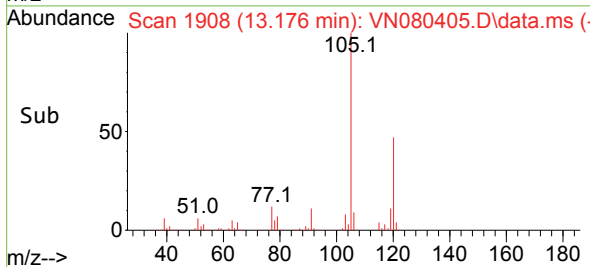
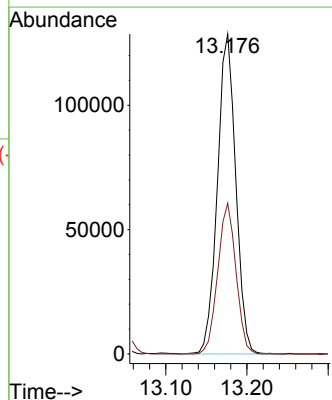
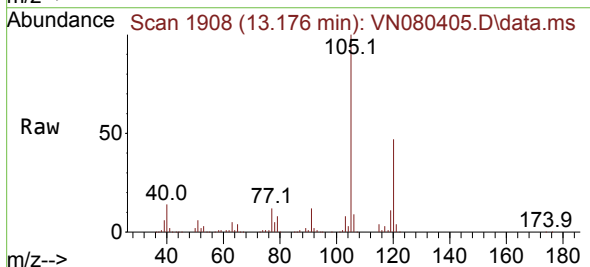
Instrument :
MSVOA_N
ClientSampleId :

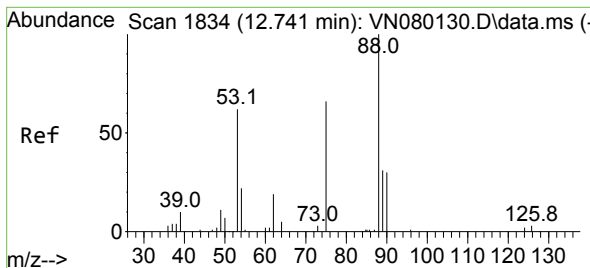
Tgt Ion: 91 Resp: 169495
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.277 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion:105 Resp: 202402
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3

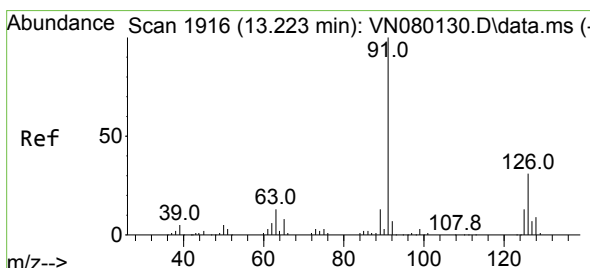
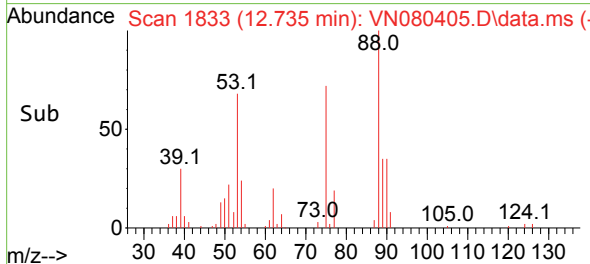
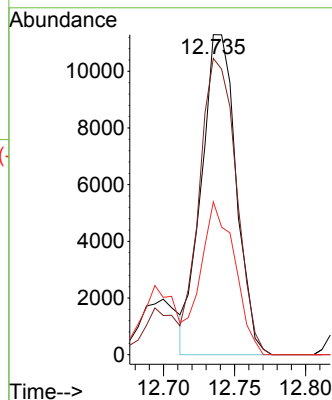
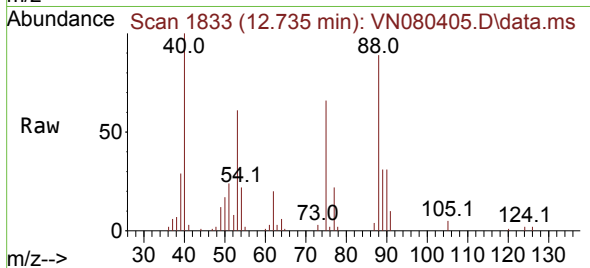




#81
trans-1,4-Dichloro-2-butene
Concen: 17.061 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

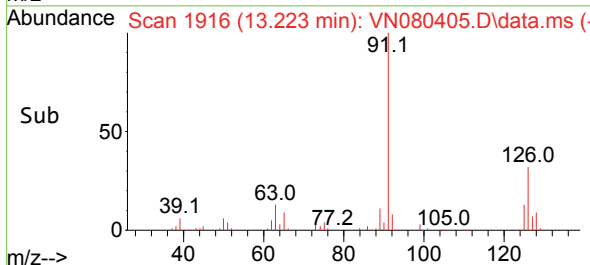
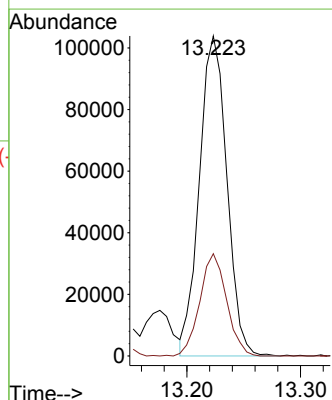
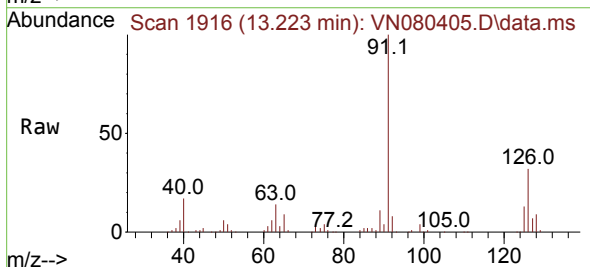
Instrument :
MSVOA_N
ClientSampleId :

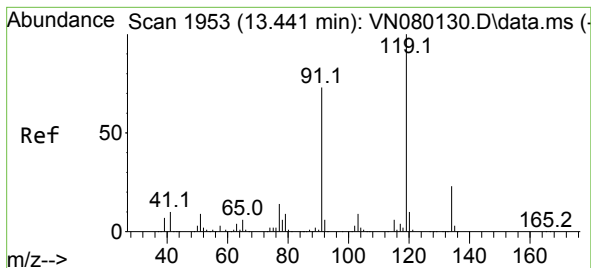
Tgt Ion: 75 Resp: 19205
Ion Ratio Lower Upper
75 100
53 97.9 67.4 101.2
89 47.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.463 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

Tgt Ion: 91 Resp: 174669
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.977 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

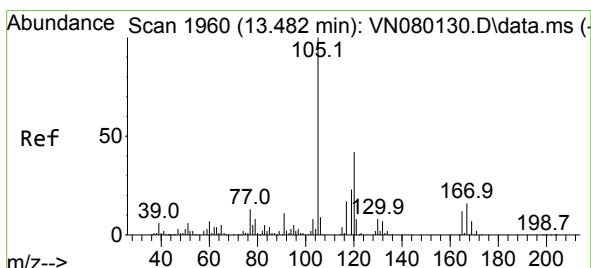
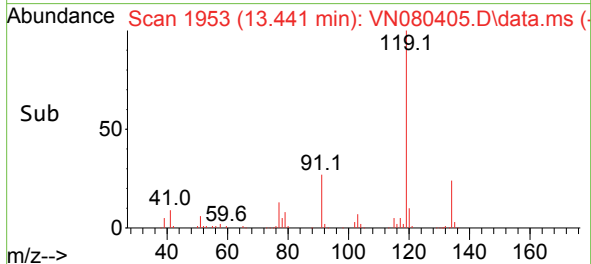
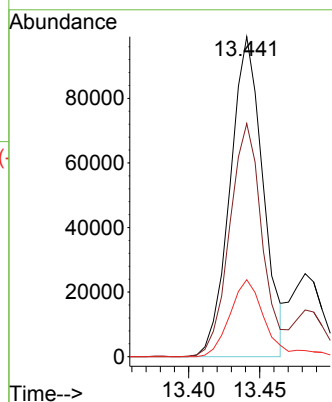
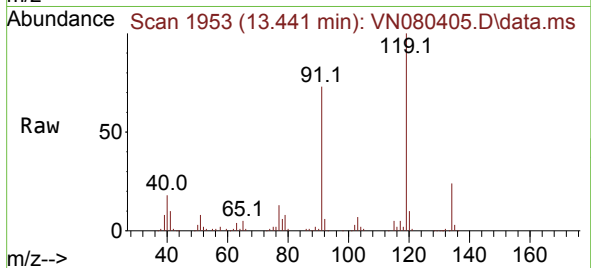
Tgt Ion:119 Resp: 159789

Ion Ratio Lower Upper

119 100

91 73.2 33.9 101.7

134 26.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.571 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080405.D

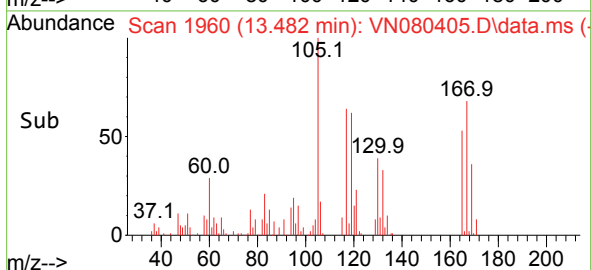
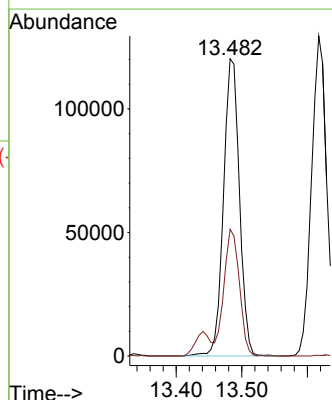
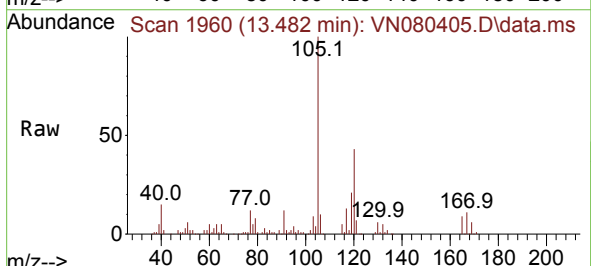
Acq: 08 Dec 2023 14:37

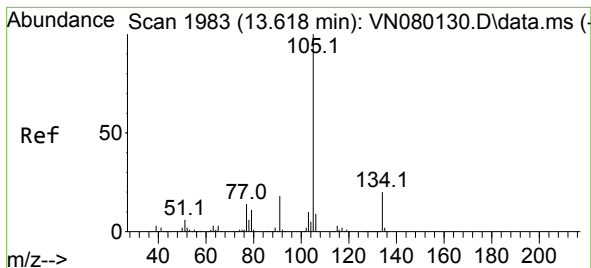
Tgt Ion:105 Resp: 202346

Ion Ratio Lower Upper

105 100

120 41.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.521 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min MSVOA_N

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

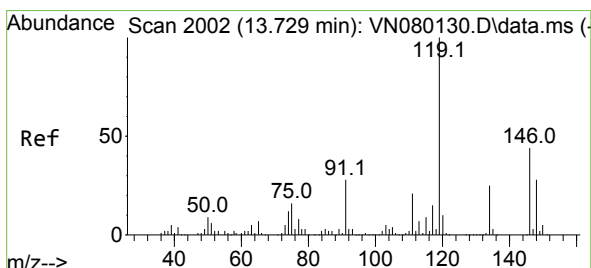
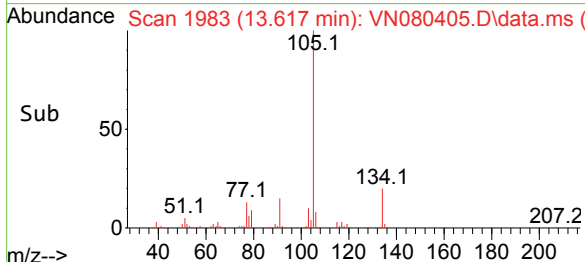
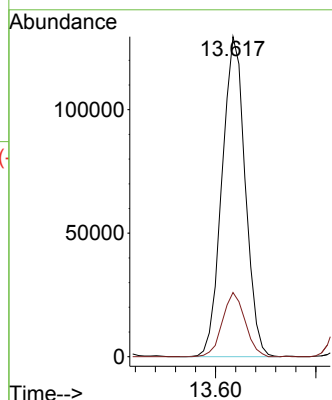
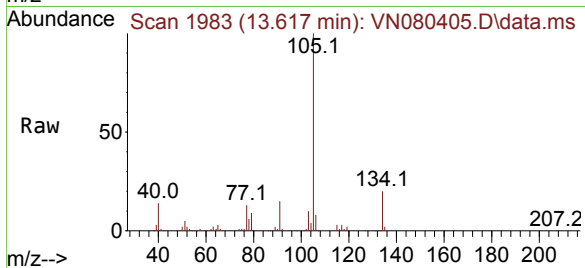
ClientSampleId :

Tgt Ion:105 Resp: 207929

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.156 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

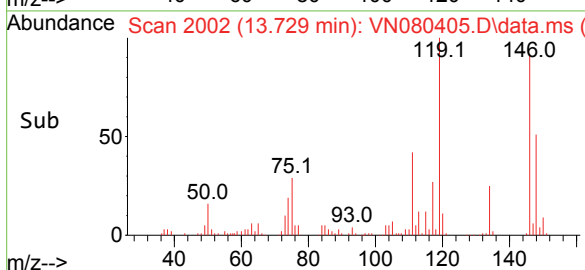
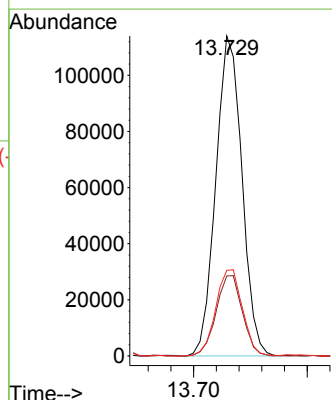
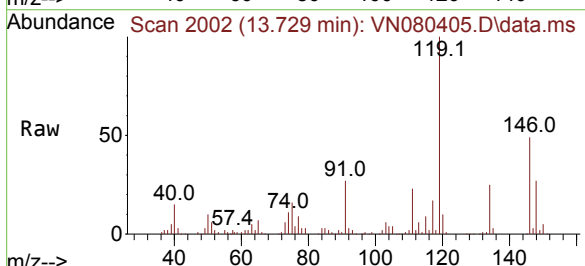
Tgt Ion:119 Resp: 182271

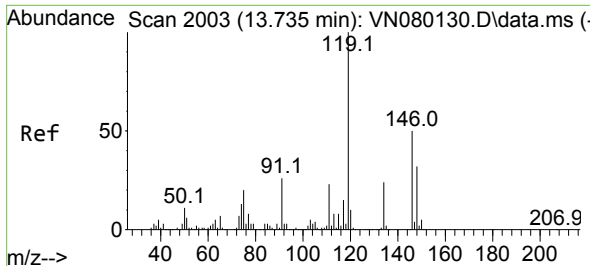
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 27.5 12.4 37.2

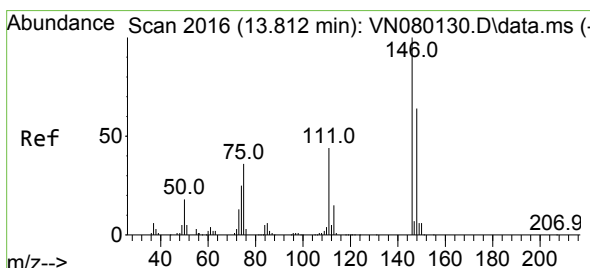
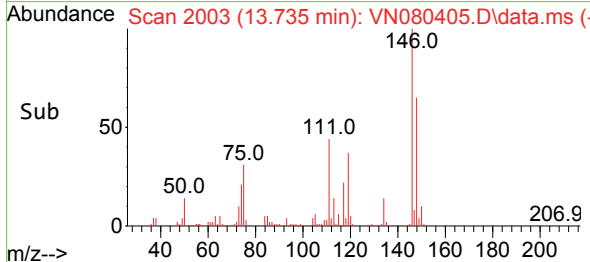
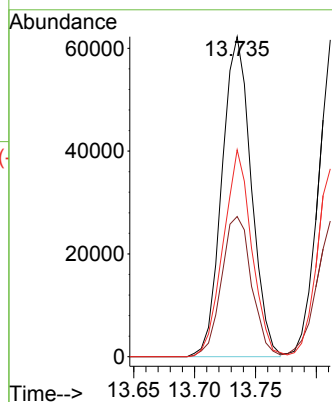
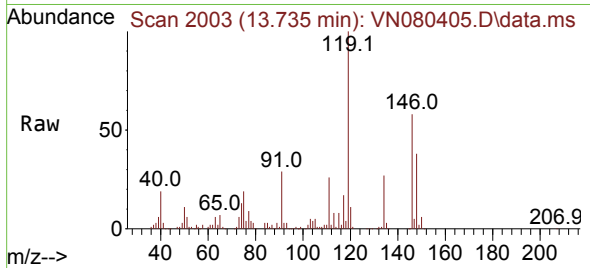




#87
 1,3-Dichlorobenzene
 Concen: 19.006 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

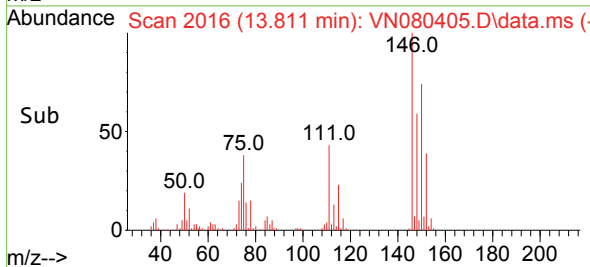
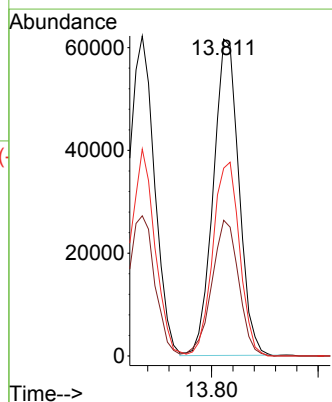
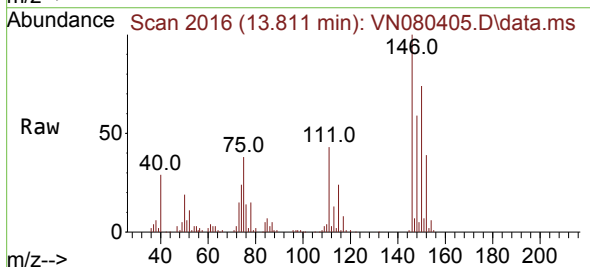
Instrument :
 MSVOA_N
 ClientSampleId :

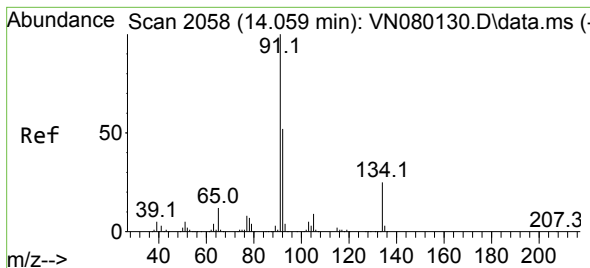
Tgt Ion:146 Resp: 104132
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.1 66.3
 148 63.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.595 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080405.D
 Acq: 08 Dec 2023 14:37

Tgt Ion:146 Resp: 102389
 Ion Ratio Lower Upper
 146 100
 111 45.1 20.6 61.8
 148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 17.454 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

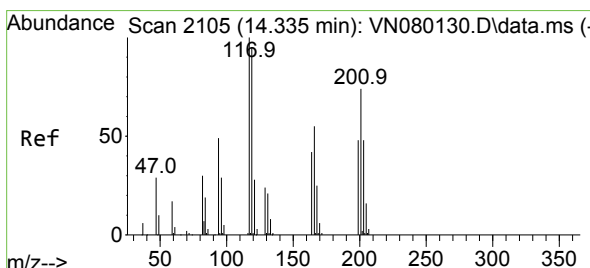
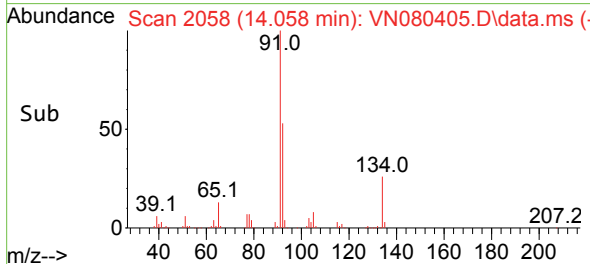
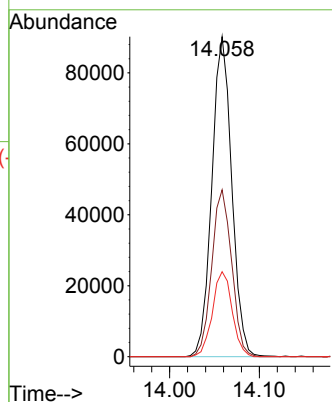
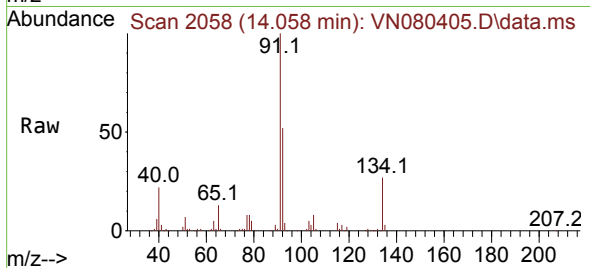
Tgt Ion: 91 Resp: 139003

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 18.321 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080405.D

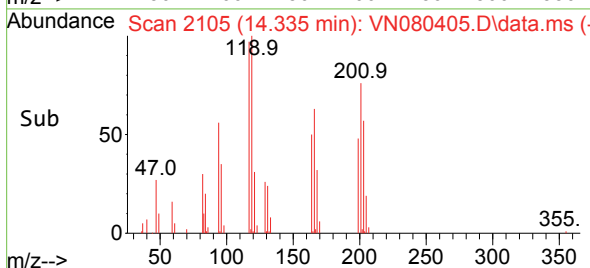
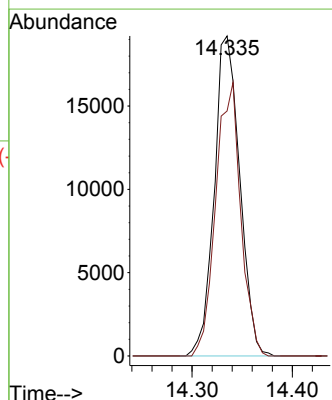
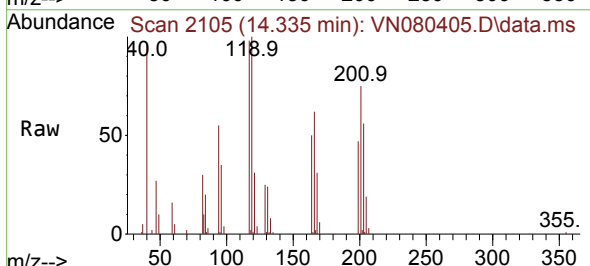
Acq: 08 Dec 2023 14:37

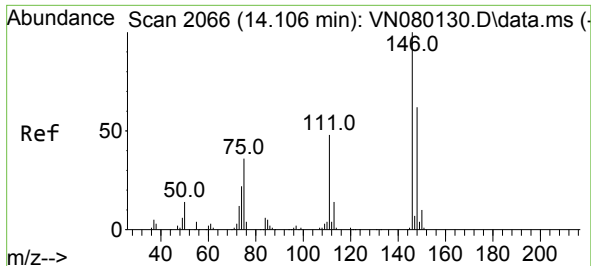
Tgt Ion: 117 Resp: 33985

Ion Ratio Lower Upper

117 100

201 83.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.937 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

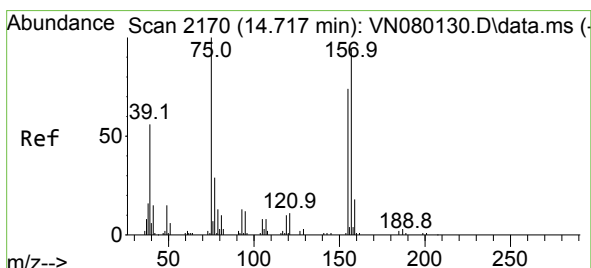
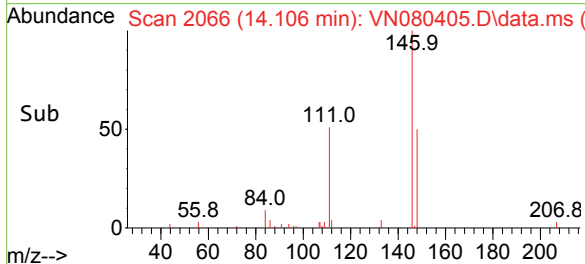
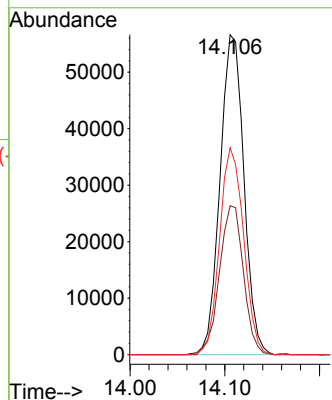
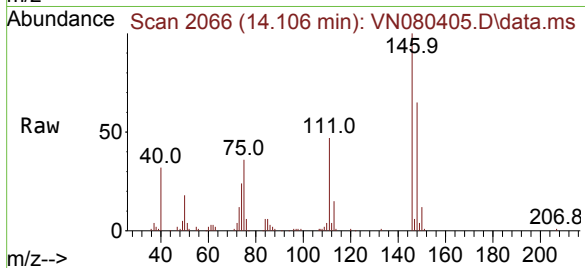
Tgt Ion:146 Resp: 99288

Ion Ratio Lower Upper

146 100

111 46.8 22.0 66.0

148 65.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.496 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

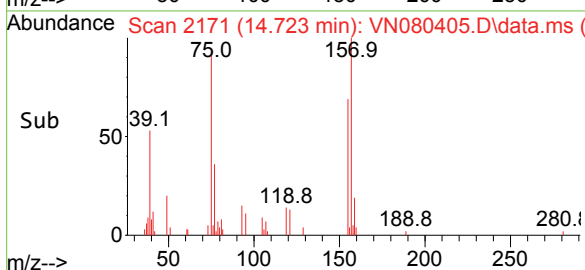
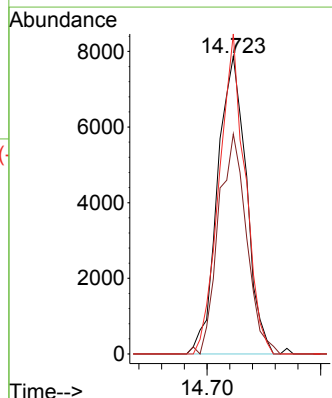
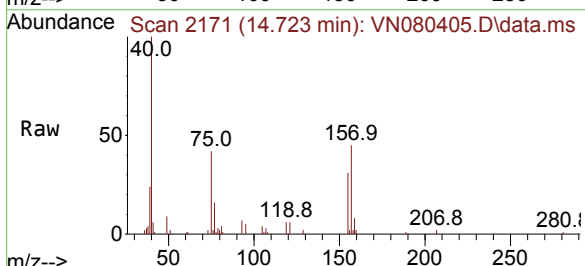
Tgt Ion: 75 Resp: 13832

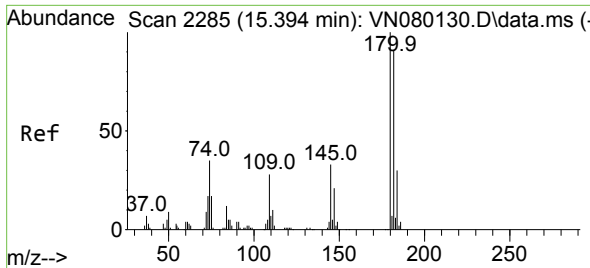
Ion Ratio Lower Upper

75 100

155 72.3 39.1 117.2

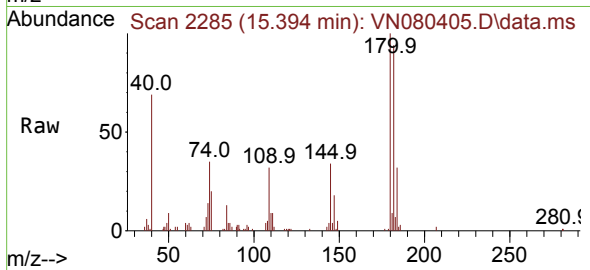
157 97.1 50.3 150.9



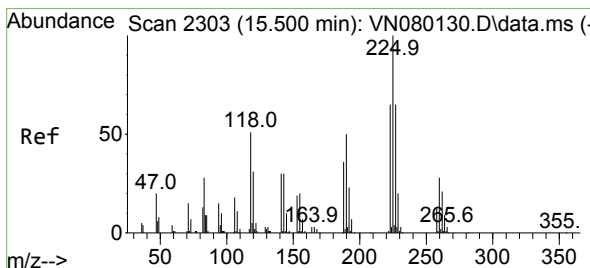
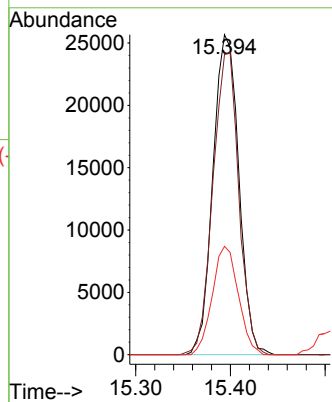
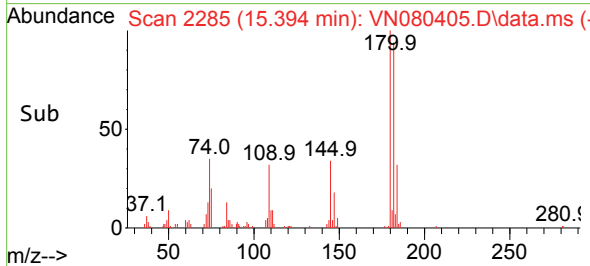


#93
1,2,4-Trichlorobenzene
Concen: 15.964 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37

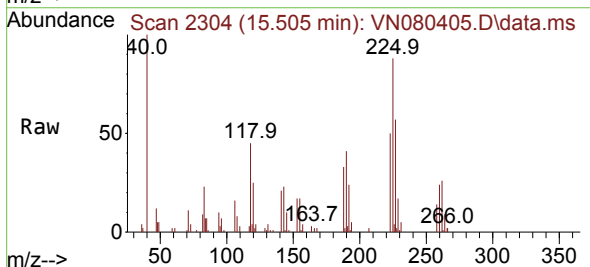
Instrument :
MSVOA_N
ClientSampleId :



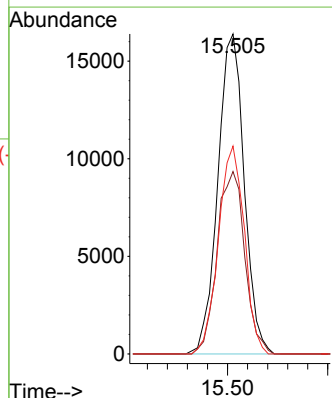
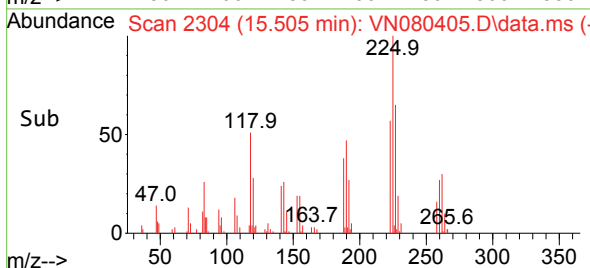
Tgt Ion:180 Resp: 48682
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.2
145 34.2 16.6 49.8

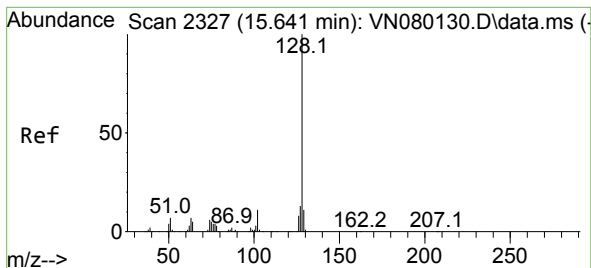


#94
Hexachlorobutadiene
Concen: 17.076 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080405.D
Acq: 08 Dec 2023 14:37



Tgt Ion:225 Resp: 29966
Ion Ratio Lower Upper
225 100
223 59.7 31.3 93.8
227 63.7 31.9 95.9





#95

Naphthalene

Concen: 14.241 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Instrument :

MSVOA_N

ClientSampleId :

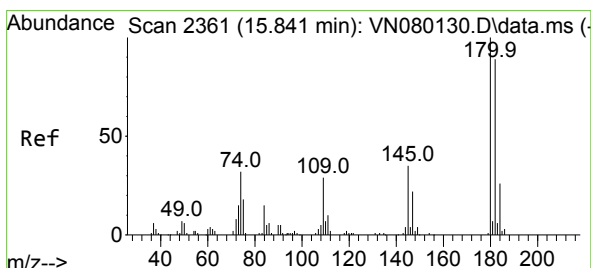
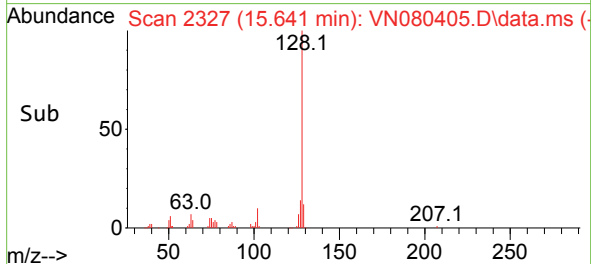
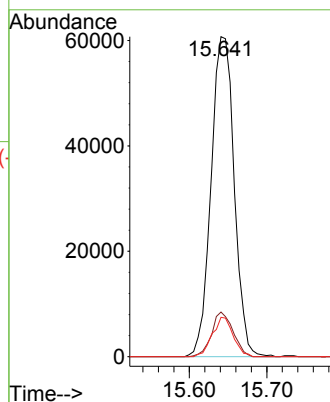
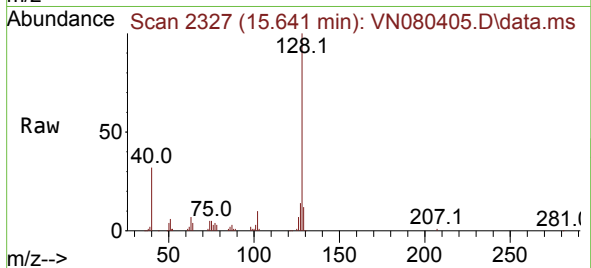
Tgt Ion:128 Resp: 125930

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.579 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080405.D

Acq: 08 Dec 2023 14:37

Tgt Ion:180 Resp: 44530

Ion Ratio Lower Upper

180 100

182 100.3 46.2 138.6

145 39.0 17.5 52.6

