

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080601.D
 Acq On : 27 Dec 2023 14:59
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 28 02:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	519747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	749953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	666632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	66580	9.987	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.980%#
35) Dibromofluoromethane	8.171	113	54095	11.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	22.300%#
50) Toluene-d8	10.565	98	167470	9.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	19.780%#
62) 4-Bromofluorobenzene	12.853	95	55732	9.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	19.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60613	10.498	ug/l	100
3) Chloromethane	2.359	50	84123	11.714	ug/l	98
4) Vinyl Chloride	2.512	62	70218	10.929	ug/l	96
5) Bromomethane	2.954	94	28304	11.593	ug/l	99
6) Chloroethane	3.118	64	44114	10.997	ug/l	97
7) Trichlorofluoromethane	3.495	101	87568	9.545	ug/l	99
8) Diethyl Ether	3.959	74	32270	10.243	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	51525	10.289	ug/l	99
10) Methyl Iodide	4.583	142	30405	8.788	ug/l	97
11) Tert butyl alcohol	5.518	59	51732	57.677	ug/l	98
12) 1,1-Dichloroethene	4.336	96	48792	10.158	ug/l	86
13) Acrolein	4.177	56	44820	44.197	ug/l	91
14) Allyl chloride	5.024	41	72843	9.989	ug/l	95
15) Acrylonitrile	5.724	53	133714	52.270	ug/l	99
16) Acetone	4.430	43	91095	50.265	ug/l	93
17) Carbon Disulfide	4.712	76	122118	9.454	ug/l	98
18) Methyl Acetate	5.024	43	106544	10.604	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	198055	11.452	ug/l	99
20) Methylene Chloride	5.271	84	56582	9.785	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	64002	11.027	ug/l #	83
22) Diisopropyl ether	6.671	45	162822	10.052	ug/l #	88
23) Vinyl Acetate	6.600	43	490899	53.929	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	113872	10.488	ug/l	97
25) 2-Butanone	7.483	43	182917	54.002	ug/l #	83
26) 2,2-Dichloropropane	7.489	77	104523	11.059	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	75920	10.998	ug/l	91
28) Bromochloromethane	7.812	49	58776	11.643	ug/l	88
29) Tetrahydrofuran	7.841	42	122027	55.240	ug/l #	84
30) Chloroform	7.965	83	102958	9.445	ug/l	88
31) Cyclohexane	8.259	56	90782	10.064	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	105010	10.684	ug/l	99
36) 1,1-Dichloropropene	8.371	75	84868	11.369	ug/l	96
37) Ethyl Acetate	7.565	43	71129	12.628	ug/l	97
38) Carbon Tetrachloride	8.359	117	89814	11.761	ug/l	95
39) Methylcyclohexane	9.600	83	59982	9.797	ug/l #	89
40) Benzene	8.606	78	276903	12.998	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42070	12.262	ug/l	89
42) 1,2-Dichloroethane	8.671	62	72352	10.461	ug/l	99
43) Isopropyl Acetate	8.694	43	87192	9.550	ug/l	97
44) Trichloroethene	9.353	130	52170	9.363	ug/l	97
45) 1,2-Dichloropropane	9.624	63	52203	10.290	ug/l	99
46) Dibromomethane	9.712	93	35137	10.294	ug/l	91
47) Bromodichloromethane	9.888	83	76361	10.673	ug/l	99
48) Methyl methacrylate	9.683	41	48513	9.570	ug/l	90
49) 1,4-Dioxane	9.700	88	17792	219.587	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	266409	51.305	ug/l	99
52) Toluene	10.630	92	128883	10.859	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	76072	10.546	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	85172	10.550	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	52633	11.179	ug/l	97
56) Ethyl methacrylate	10.877	69	50577	10.967	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	89083	11.168	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	127145	39.042	ug/l	95
59) 2-Hexanone	11.194	43	202438	51.725	ug/l	98
60) Dibromochloromethane	11.359	129	56549	10.786	ug/l	99
61) 1,2-Dibromoethane	11.471	107	50140	10.563	ug/l	97
64) Tetrachloroethene	11.100	164	43768	9.826	ug/l	89
65) Chlorobenzene	11.894	112	133507	9.627	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	51766	9.704	ug/l	95
67) Ethyl Benzene	11.965	91	228221	9.844	ug/l	99
68) m/p-Xylenes	12.076	106	172567	20.060	ug/l	93
69) o-Xylene	12.400	106	83606	9.895	ug/l	95
70) Styrene	12.412	104	122976	10.009	ug/l	98
71) Bromoform	12.582	173	37451	9.925	ug/l #	99
73) Isopropylbenzene	12.700	105	202594	10.134	ug/l	98
74) N-amyl acetate	12.494	43	69663	9.877	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	68365	9.909	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	89057	14.176	ug/l	75
77) Bromobenzene	12.982	156	53618	10.098	ug/l	96
78) n-propylbenzene	13.035	91	230083	10.064	ug/l	100
79) 2-Chlorotoluene	13.123	91	152194	10.197	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	173128	10.256	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	23605	10.178	ug/l	95
82) 4-Chlorotoluene	13.223	91	154332	10.111	ug/l	98
83) tert-Butylbenzene	13.441	119	138645	9.827	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	172306	10.081	ug/l	100
85) sec-Butylbenzene	13.618	105	183177	9.811	ug/l	99
86) p-Isopropyltoluene	13.729	119	157892	9.695	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	91395	9.551	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	92318	9.597	ug/l	97
89) n-Butylbenzene	14.059	91	131081	9.394	ug/l	99
90) Hexachloroethane	14.335	117	27069	9.288	ug/l	77
91) 1,2-Dichlorobenzene	14.106	146	90563	9.805	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13686	9.611	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	46253	9.491	ug/l	96
94) Hexachlorobutadiene	15.506	225	24104	9.585	ug/l	98
95) Naphthalene	15.647	128	144951	9.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	45177	9.170	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Dec 28 01:54:24 2023
Response via : Initial Calibration

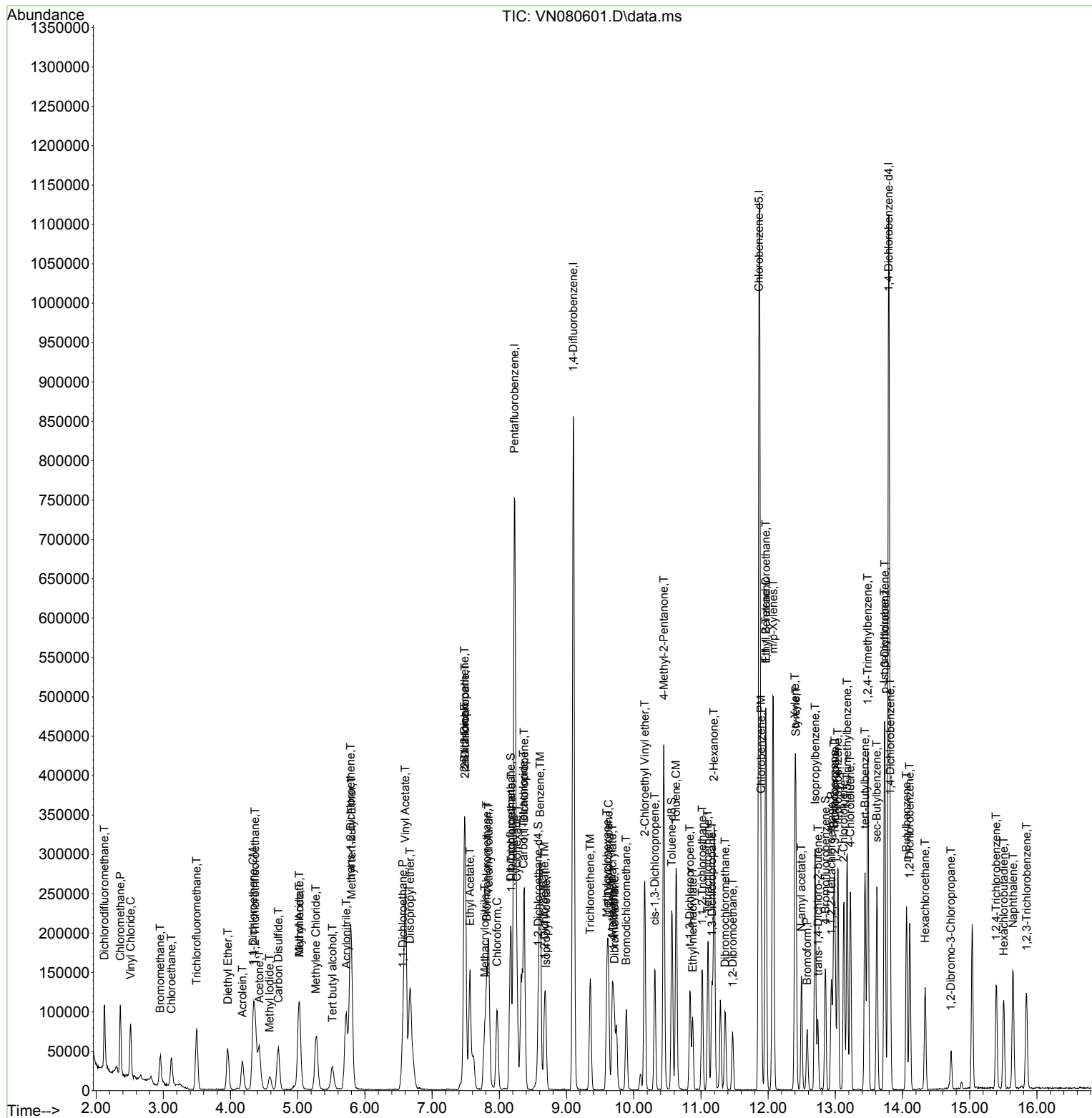
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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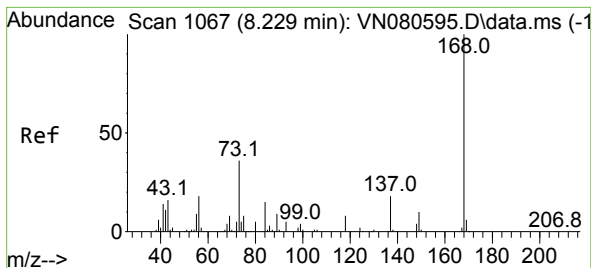
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN080601.D

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Instrument :

MSVOA_N

ClientSampleId :

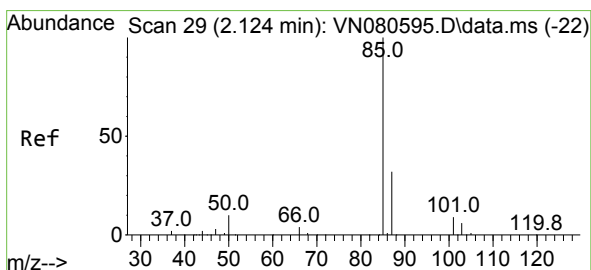
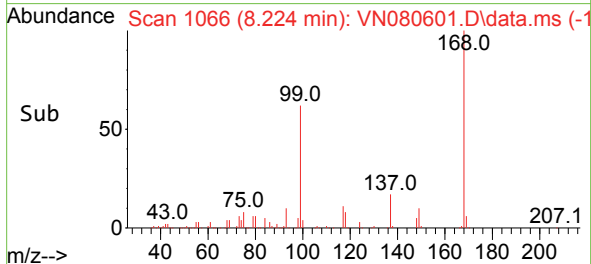
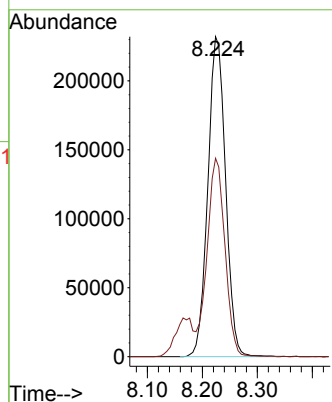
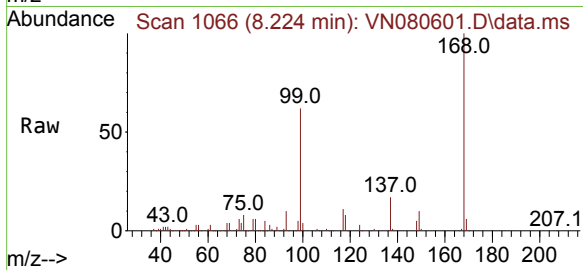
VSTDICC010

Tgt Ion:168 Resp: 519747

Ion Ratio Lower Upper

168 100

99 61.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 10.498 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080601.D

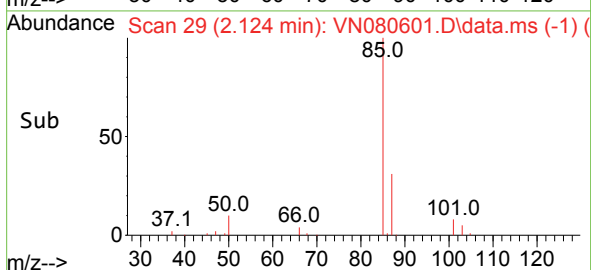
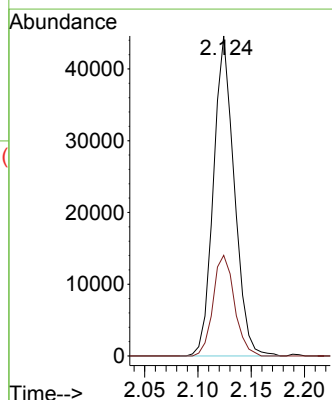
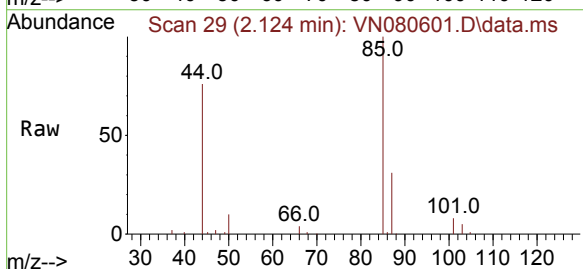
Acq: 27 Dec 2023 14:59

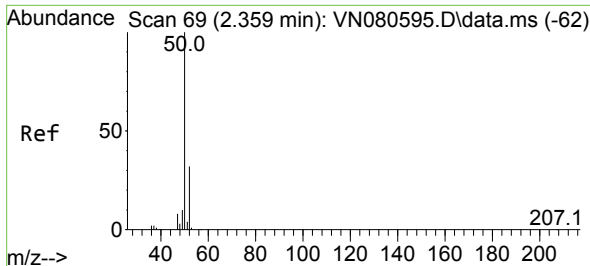
Tgt Ion: 85 Resp: 60613

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4

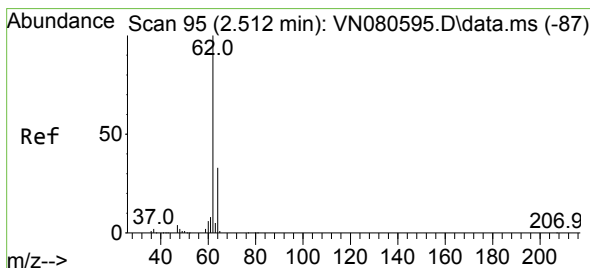
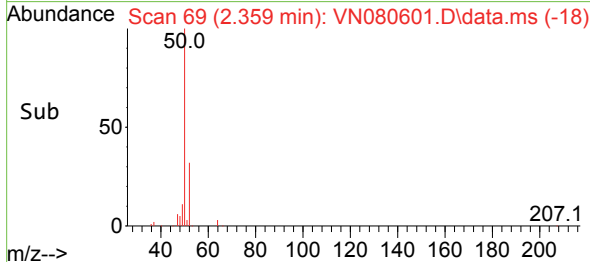
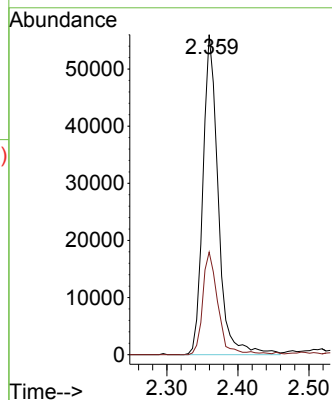
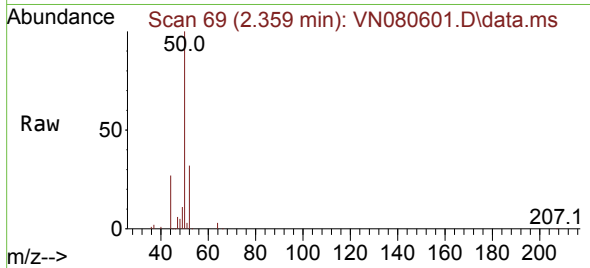




#3
Chloromethane
Concen: 11.714 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080601.D
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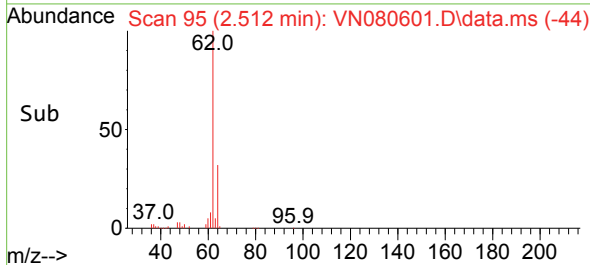
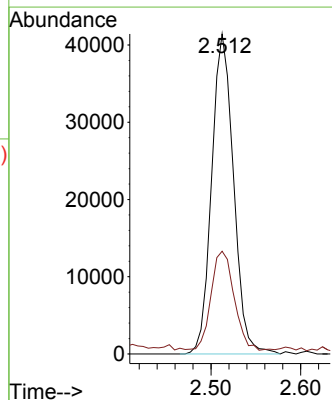
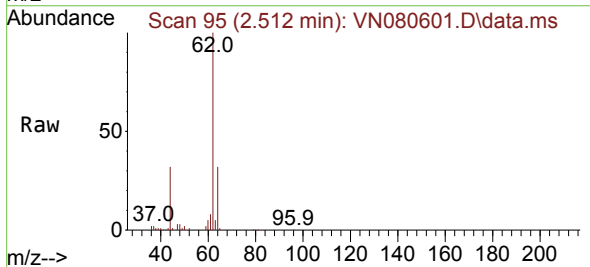
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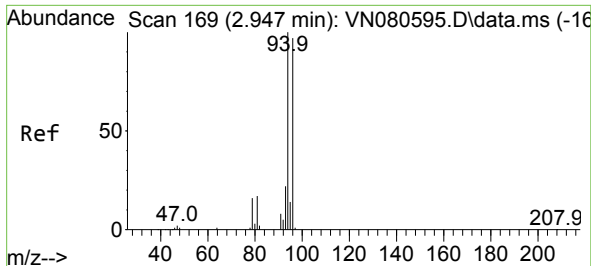
Tgt Ion: 50 Resp: 84123
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#4
Vinyl Chloride
Concen: 10.929 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 62 Resp: 70218
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2

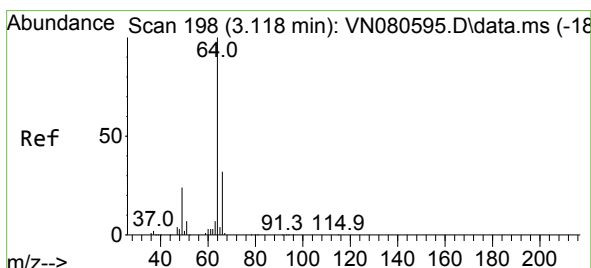
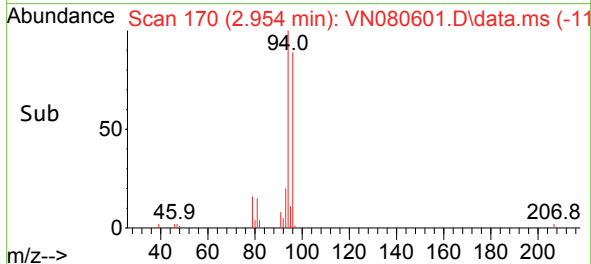
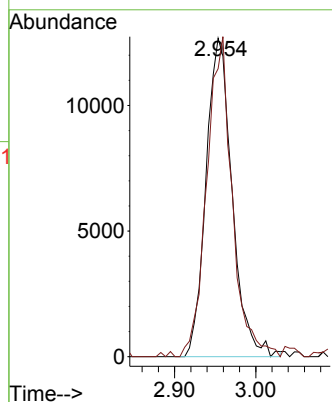
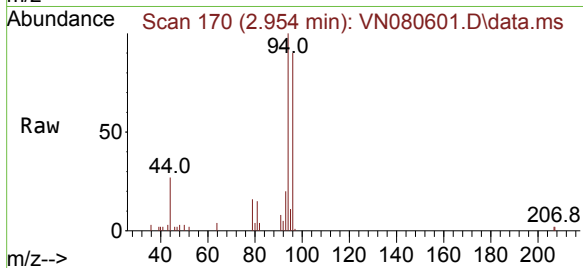




#5
Bromomethane
Concen: 11.593 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080601.D
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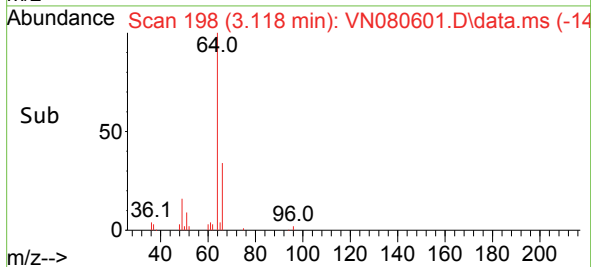
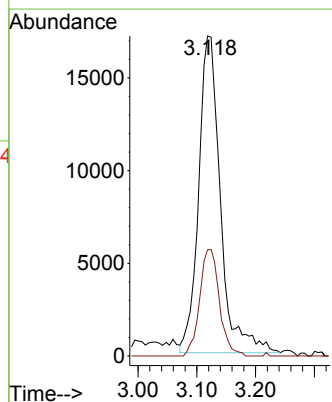
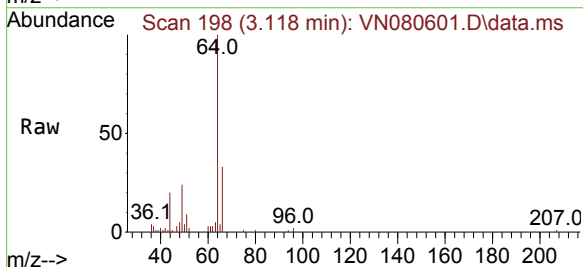
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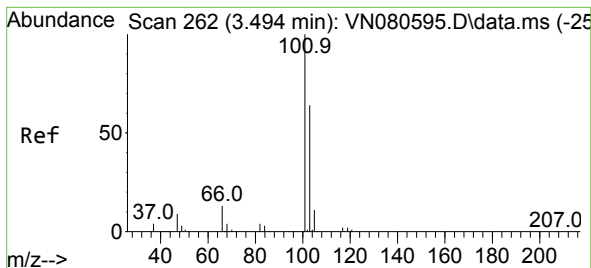
Tgt Ion: 94 Resp: 28304
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7



#6
Chloroethane
Concen: 10.997 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 64 Resp: 44114
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2

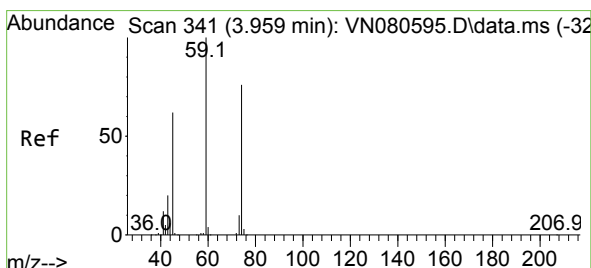
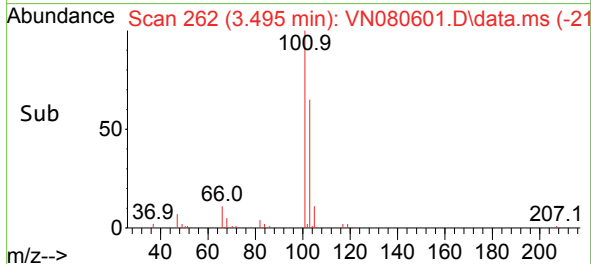
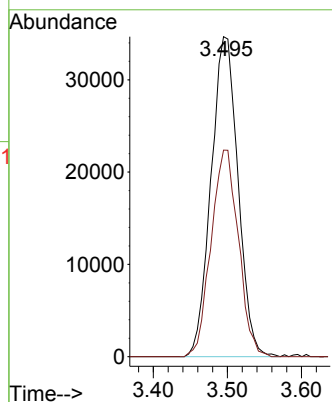
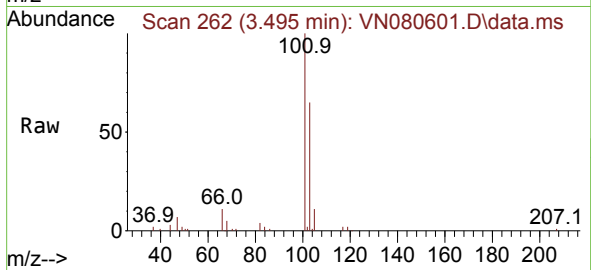




#7
 Trichlorofluoromethane
 Concen: 9.545 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

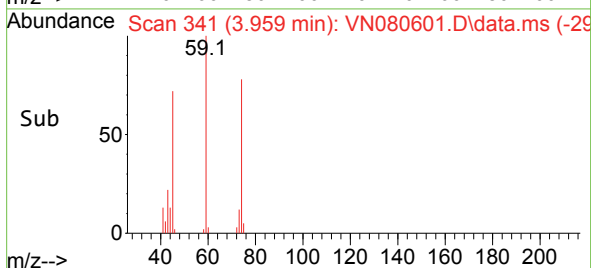
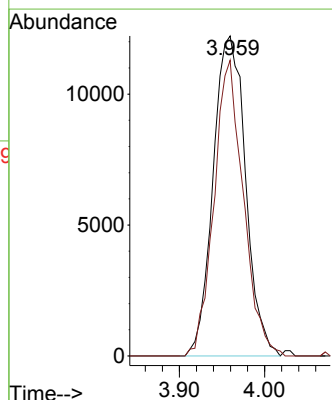
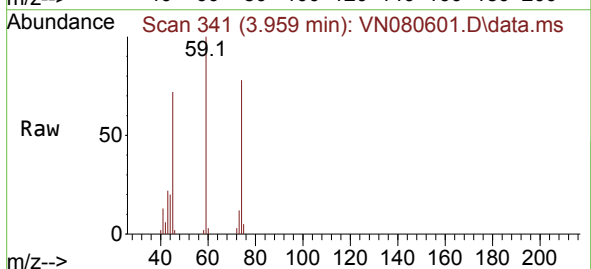
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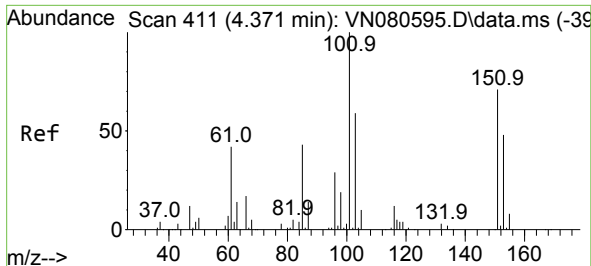
Tgt Ion:101 Resp: 87568
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 10.243 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 32270
 Ion Ratio Lower Upper
 74 100
 45 83.8 34.4 103.3

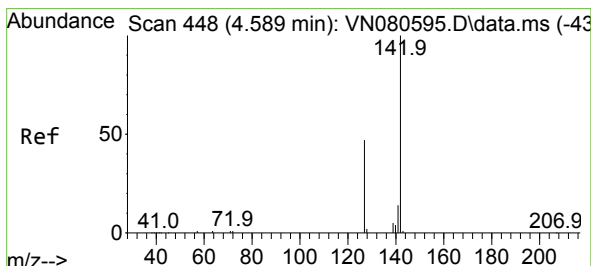
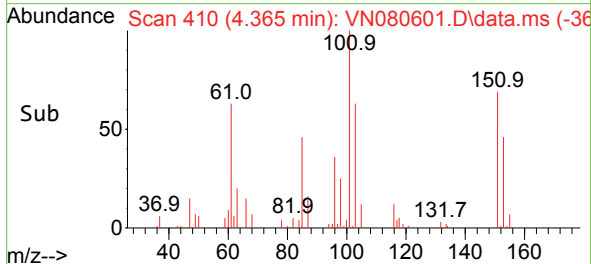
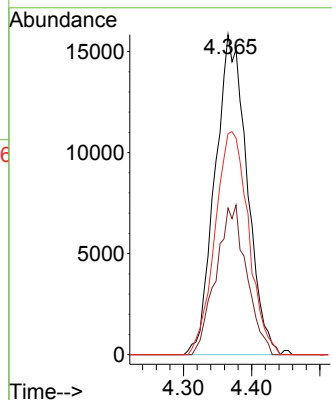
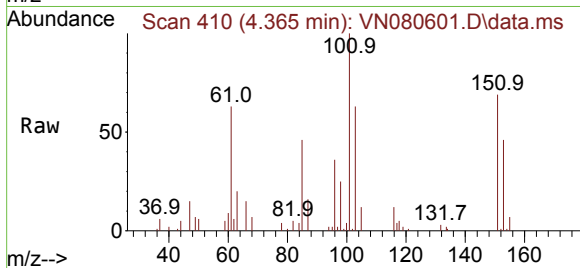




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.289 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

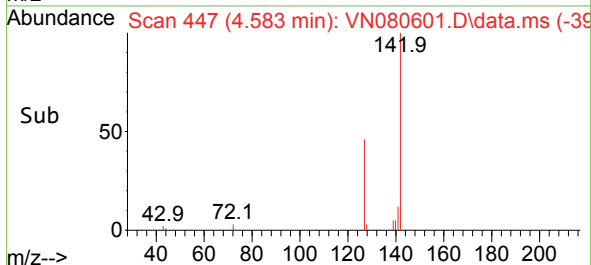
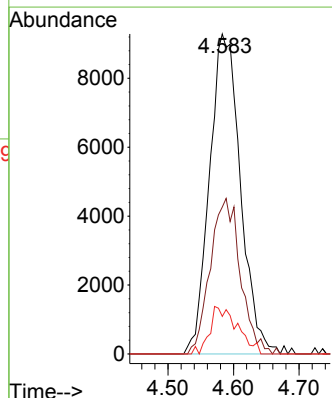
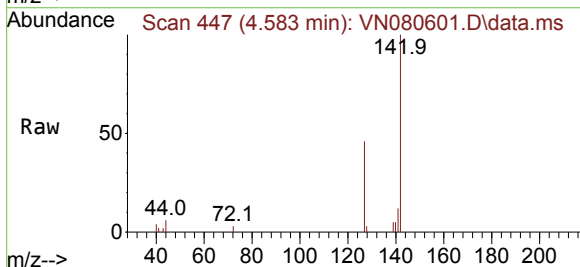
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

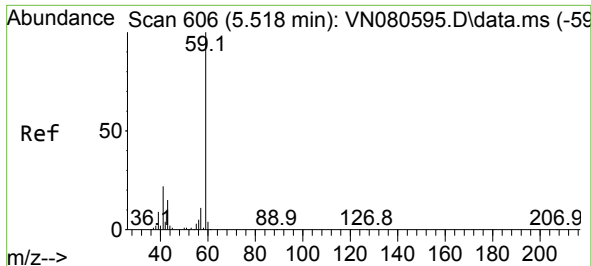
Tgt Ion:101 Resp: 51525
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 73.3 57.6 86.4



#10
Methyl Iodide
Concen: 8.788 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:142 Resp: 30405
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 11.8 11.4 17.0

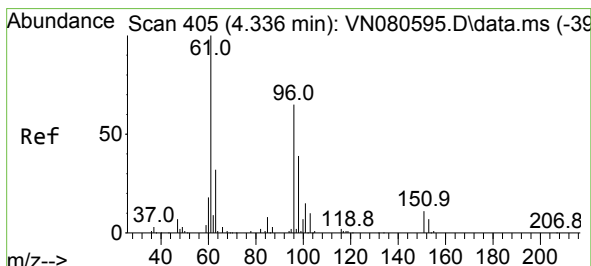
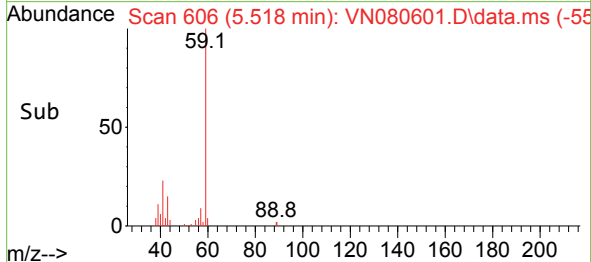
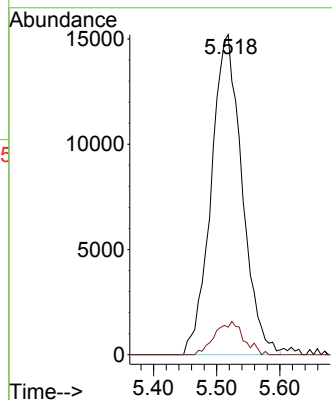
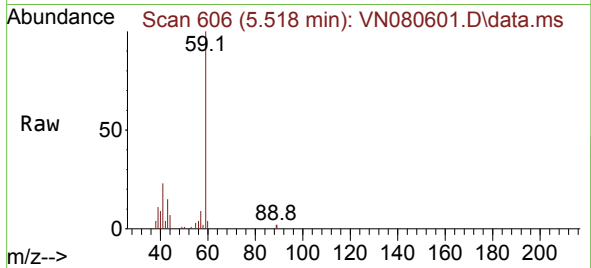




#11
Tert butyl alcohol
Concen: 57.677 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

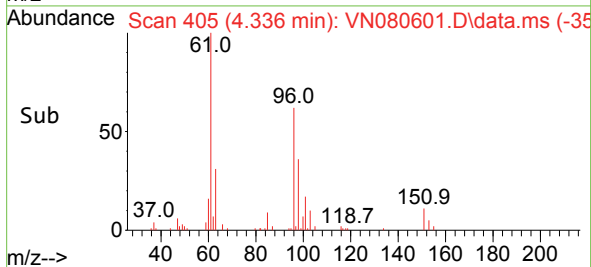
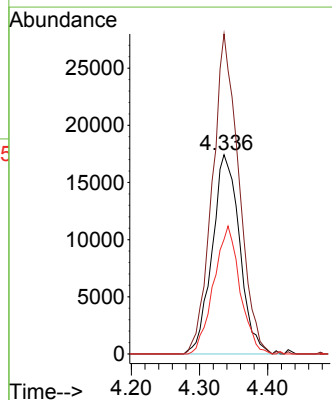
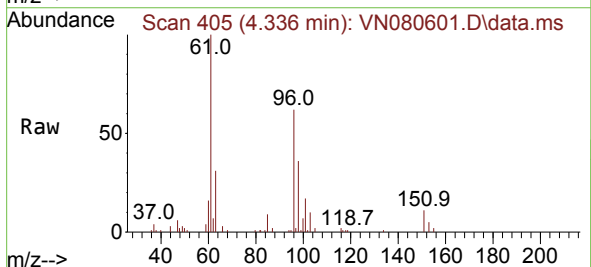
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

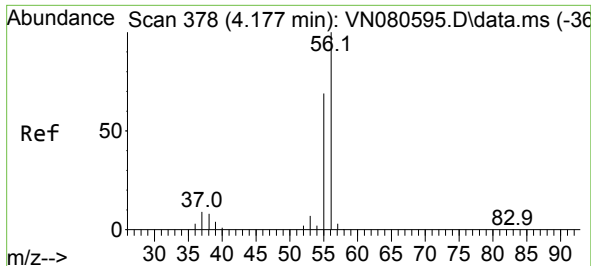
Tgt Ion: 59 Resp: 51732
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 10.158 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 96 Resp: 48792
Ion Ratio Lower Upper
96 100
61 160.7 112.7 169.1
98 57.5 51.2 76.8

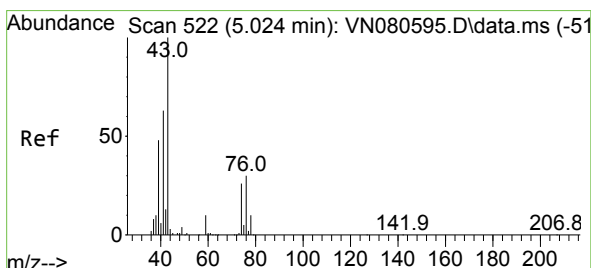
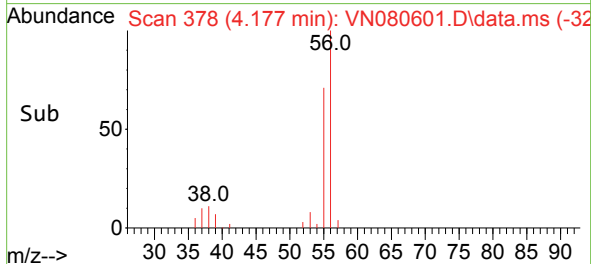
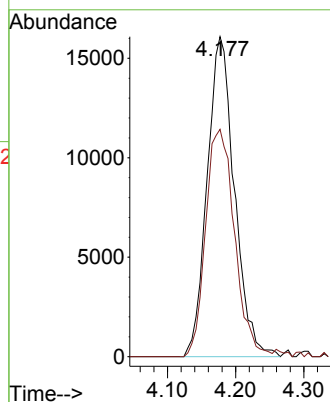
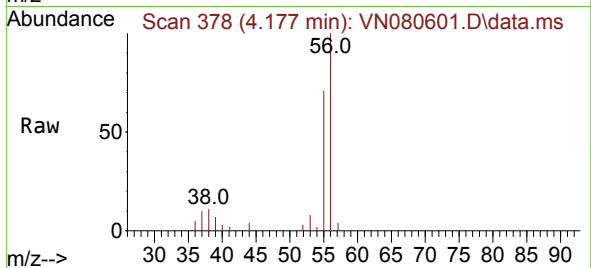




#13
Acrolein
Concen: 44.197 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

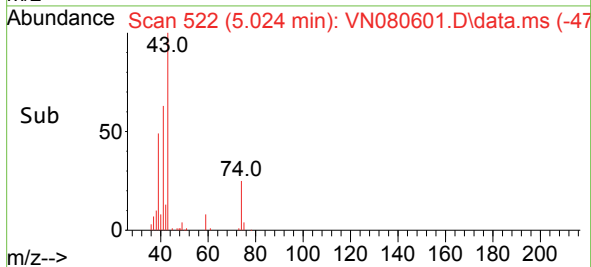
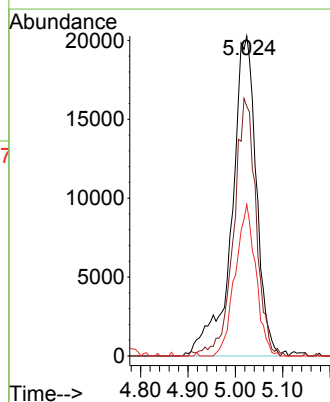
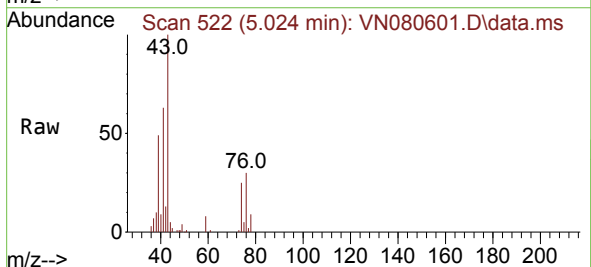
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

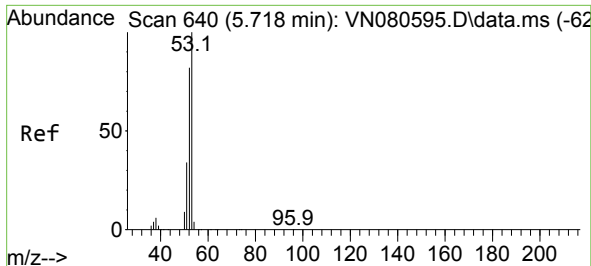
Tgt Ion: 56 Resp: 44820
Ion Ratio Lower Upper
56 100
55 75.2 54.5 81.7



#14
Allyl chloride
Concen: 9.989 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 41 Resp: 72843
Ion Ratio Lower Upper
41 100
39 73.7 58.8 88.2
76 39.8 39.1 58.7

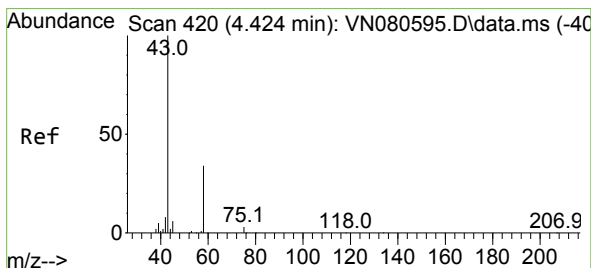
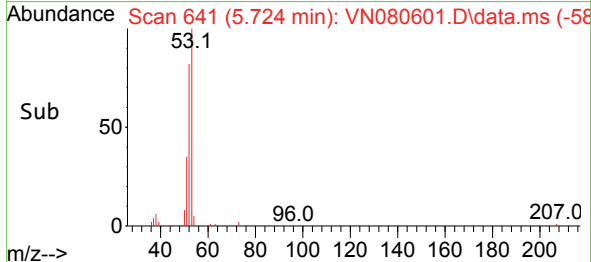
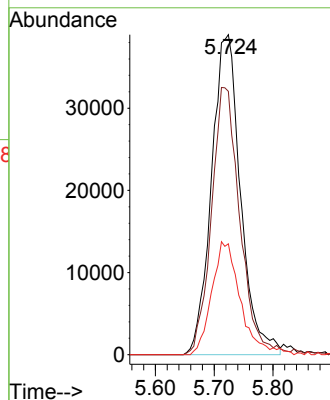
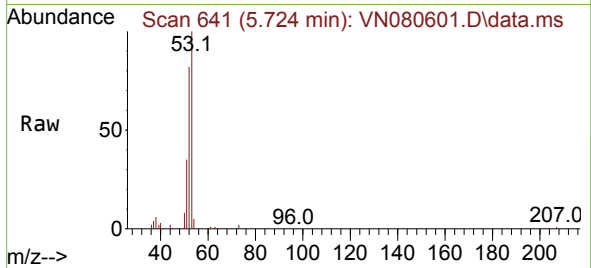




#15
Acrylonitrile
Concen: 52.270 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

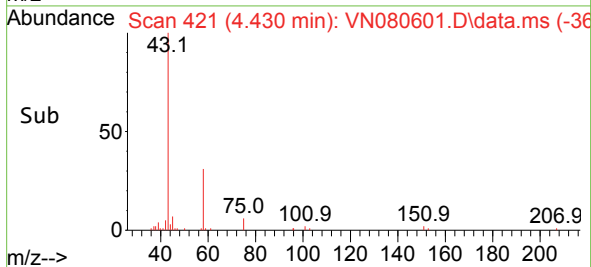
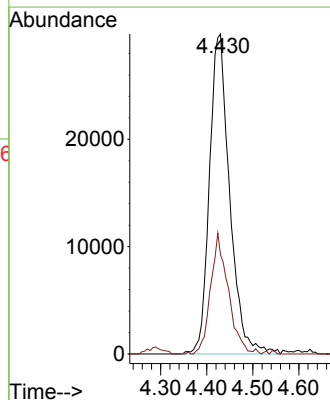
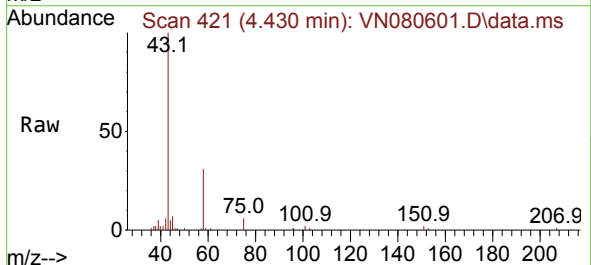
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

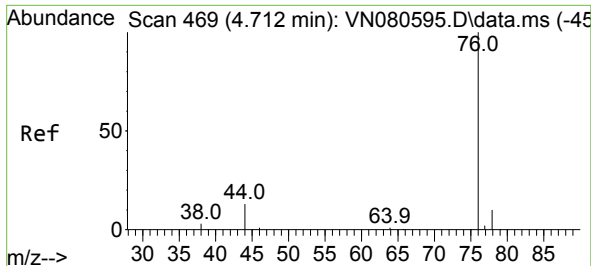
Tgt Ion: 53 Resp: 133714
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 34.9 28.9 43.3



#16
Acetone
Concen: 50.265 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 43 Resp: 91095
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

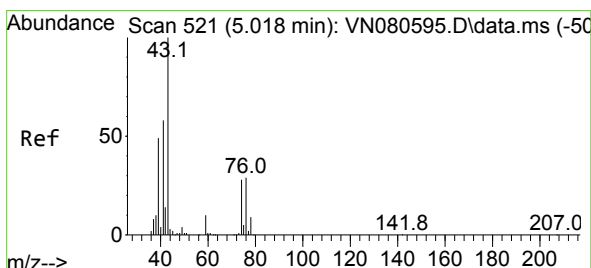
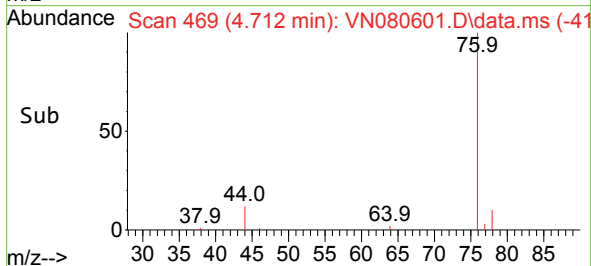
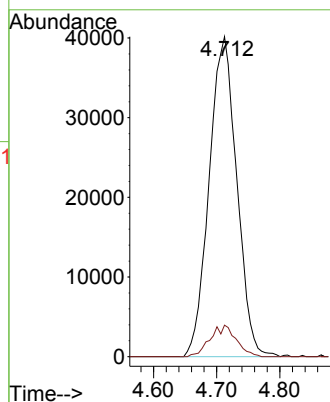
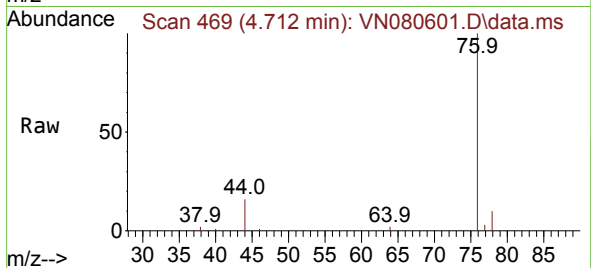




#17
Carbon Disulfide
Concen: 9.454 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

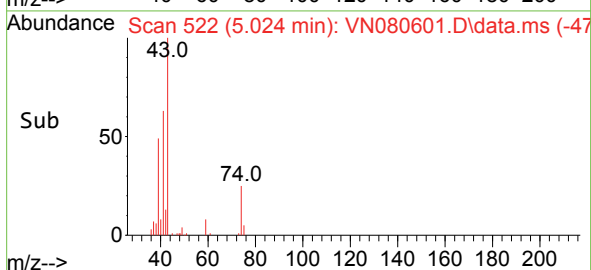
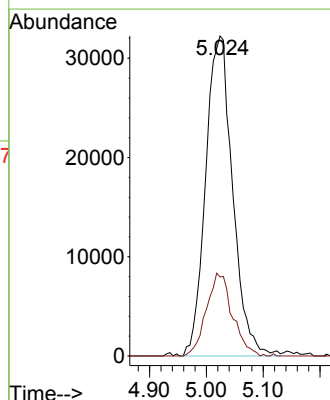
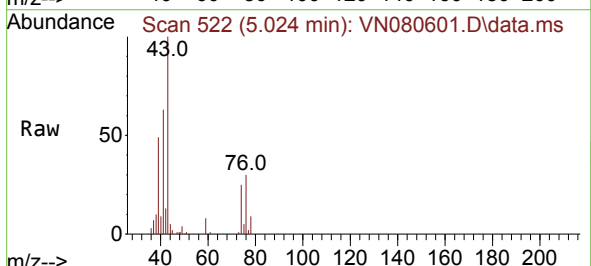
Instrument :
MSVOA_N
ClientSampleId :
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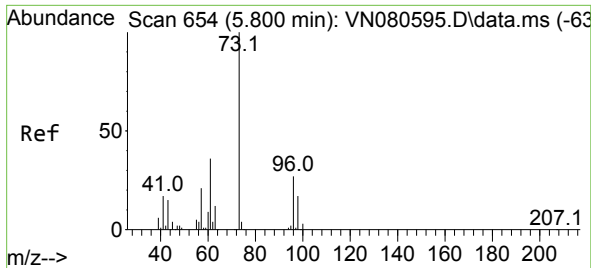
Tgt Ion: 76 Resp: 122118
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 10.604 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 43 Resp: 106544
Ion Ratio Lower Upper
43 100
74 25.0 26.2 39.4#

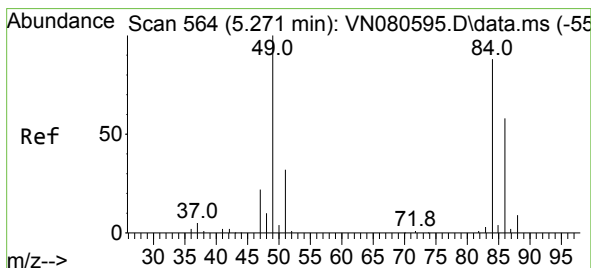
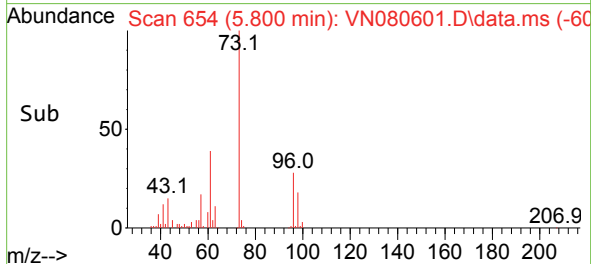
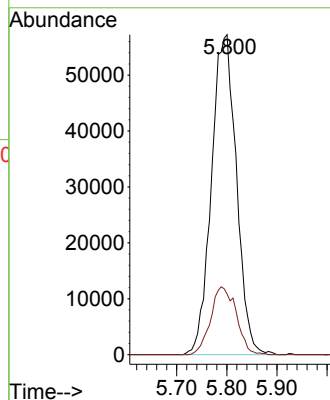
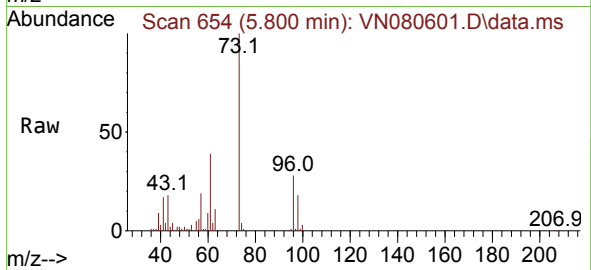




#19
Methyl tert-butyl Ether
Concen: 11.452 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

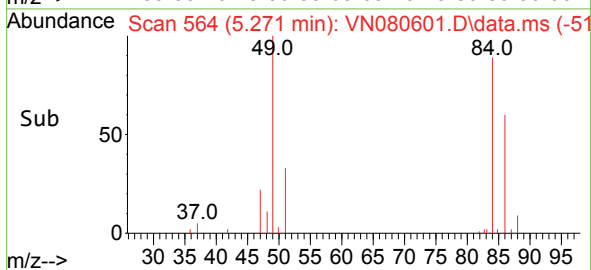
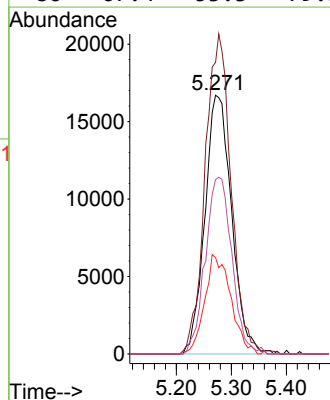
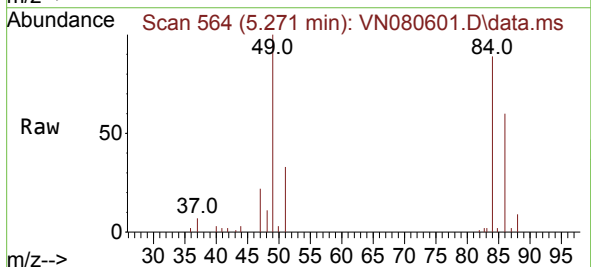
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

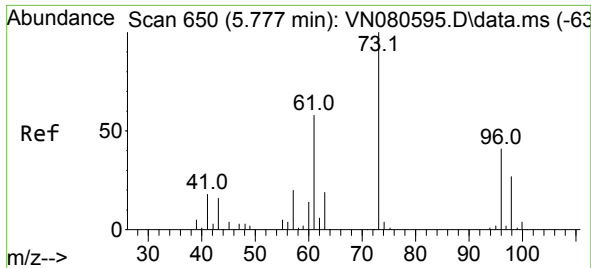
Tgt Ion: 73 Resp: 198055
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4



#20
Methylene Chloride
Concen: 9.785 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 84 Resp: 56582
Ion Ratio Lower Upper
84 100
49 112.7 79.7 119.5
51 37.2 25.2 37.8
86 67.4 53.3 79.9

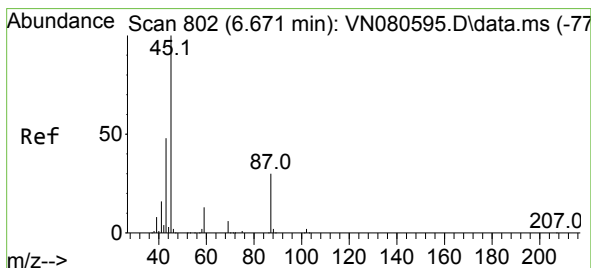
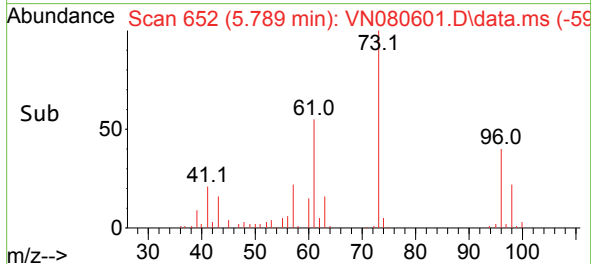
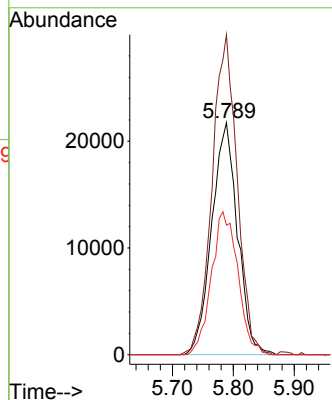
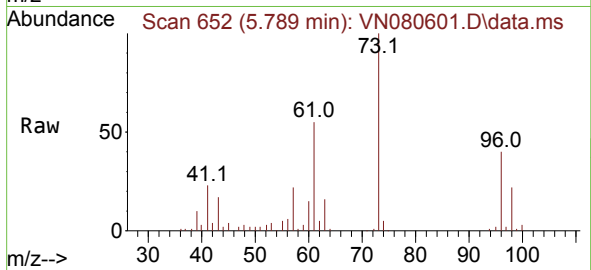




#21
trans-1,2-Dichloroethene
Concen: 11.027 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

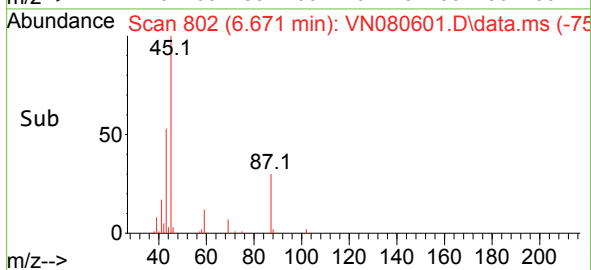
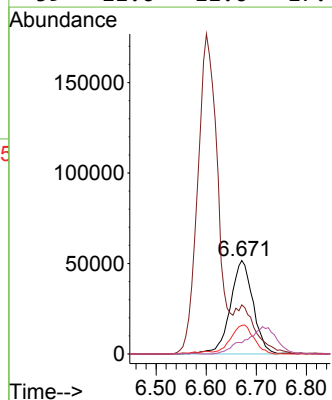
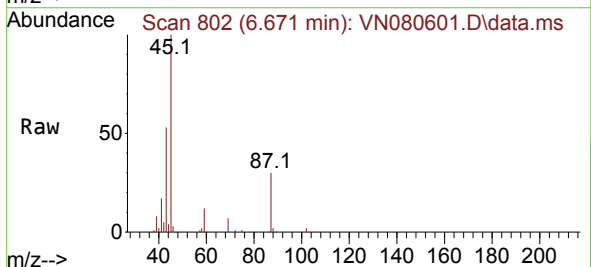
Instrument :
MSVOA_N
ClientSampleId :
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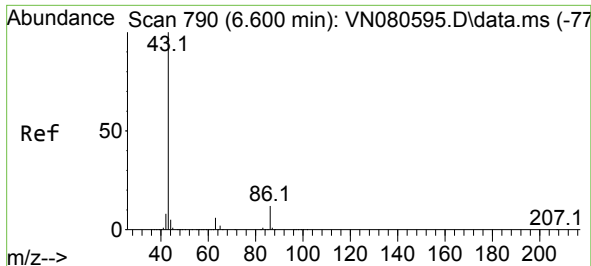
Tgt Ion: 96 Resp: 64002
Ion Ratio Lower Upper
96 100
61 137.9 90.1 135.1#
98 55.8 46.4 69.6



#22
Diisopropyl ether
Concen: 10.052 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 45 Resp: 162822
Ion Ratio Lower Upper
45 100
43 48.5 45.5 68.3
87 30.1 31.8 47.8#
59 11.6 11.6 17.4

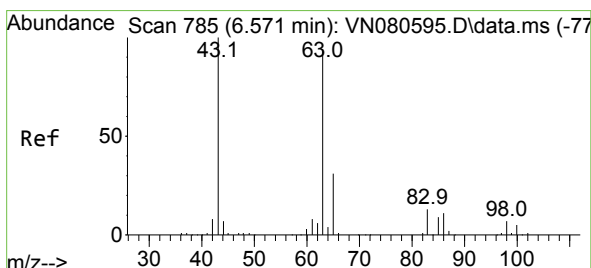
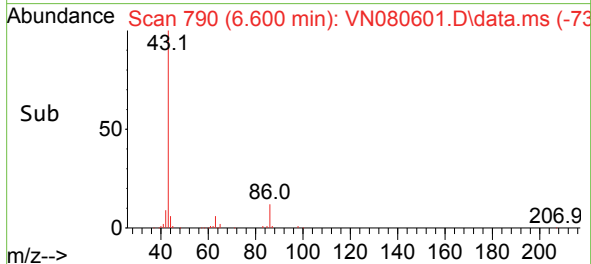
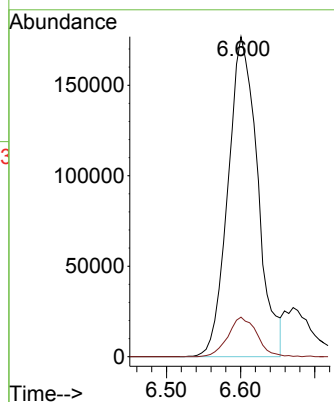
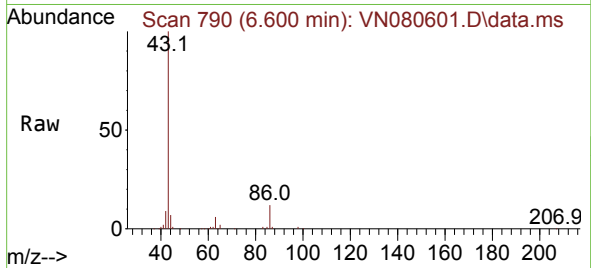




#23
 Vinyl Acetate
 Concen: 53.929 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

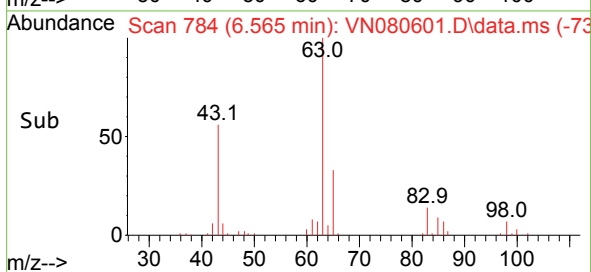
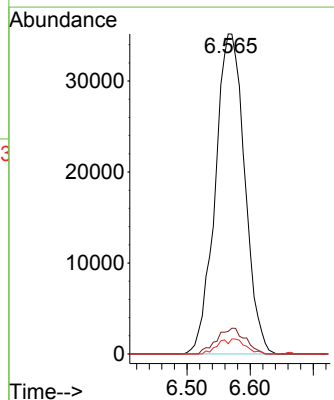
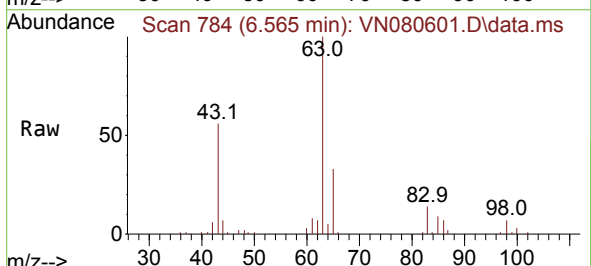
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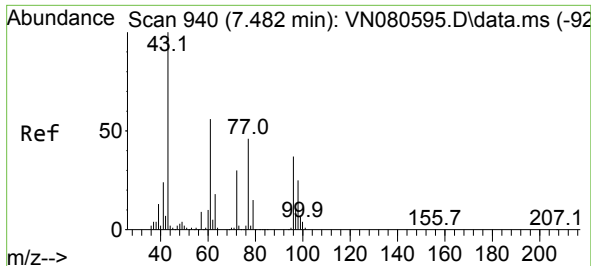
Tgt Ion: 43 Resp: 490899
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 10.488 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion: 63 Resp: 113872
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 3.2 2.5 7.4

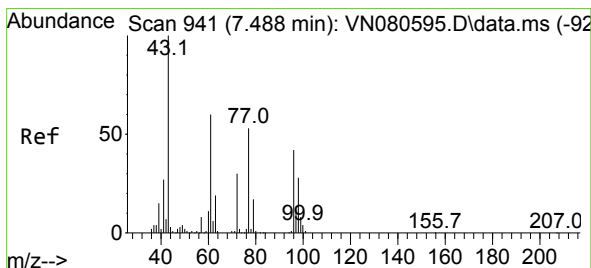
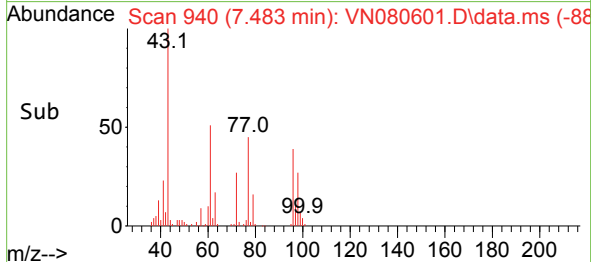
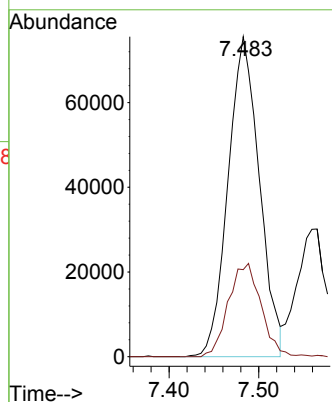
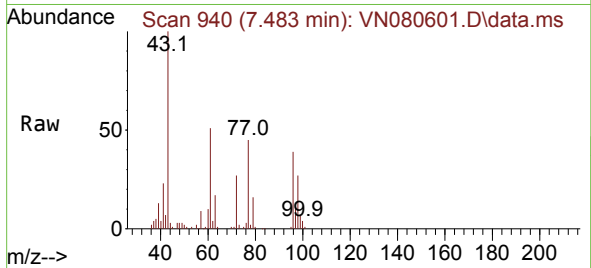




#25
2-Butanone
Concen: 54.002 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

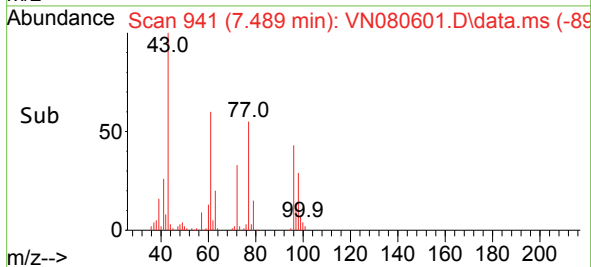
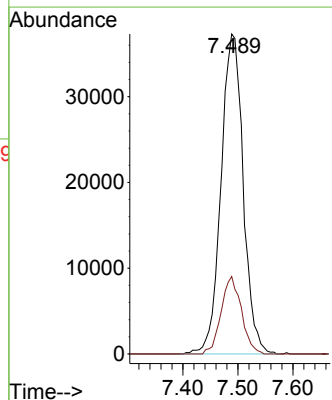
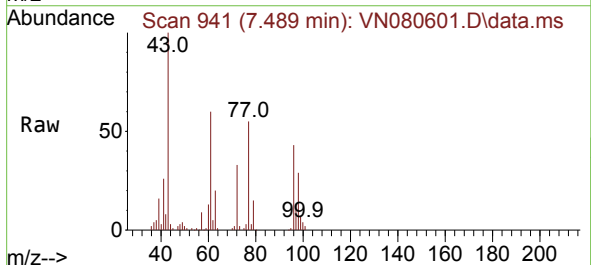
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

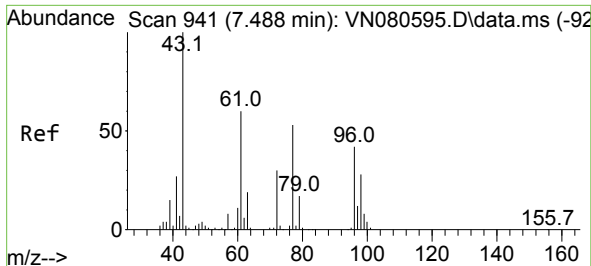
Tgt Ion: 43 Resp: 182917
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 11.059 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 77 Resp: 104523
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

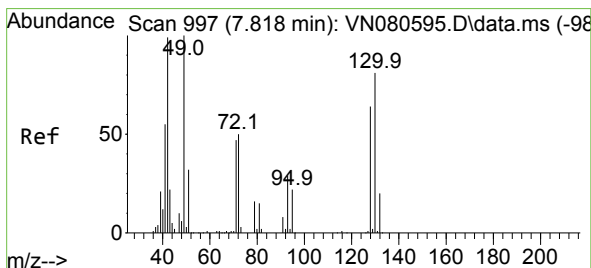
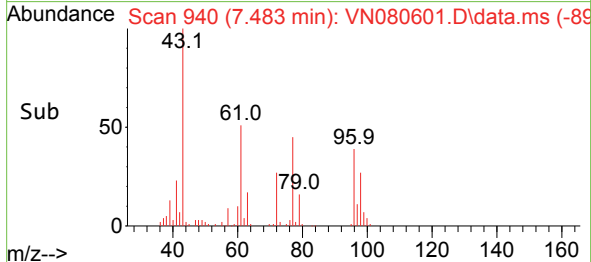
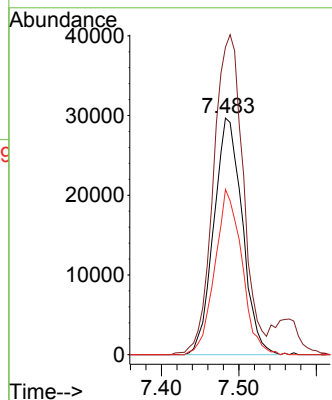
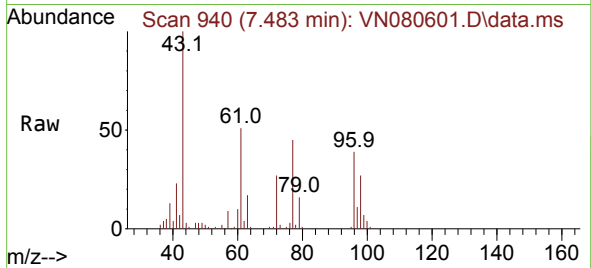




#27
 cis-1,2-Dichloroethene
 Concen: 10.998 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

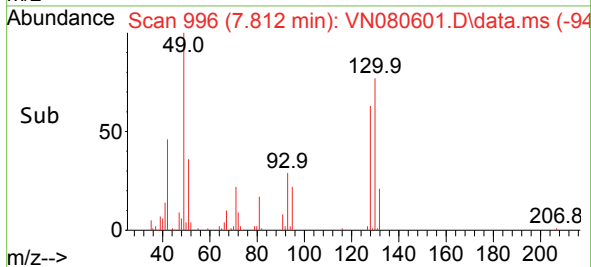
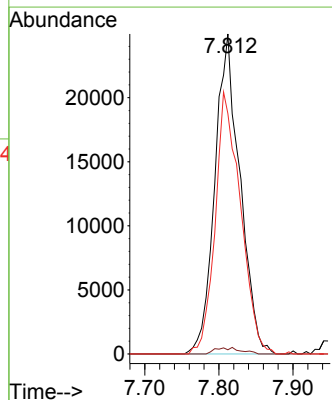
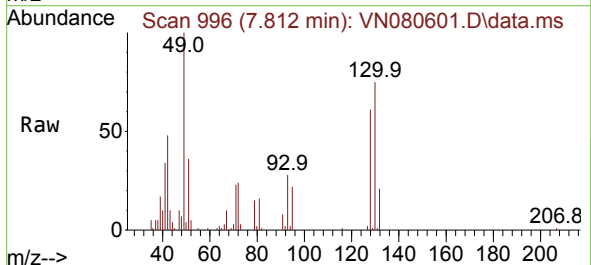
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

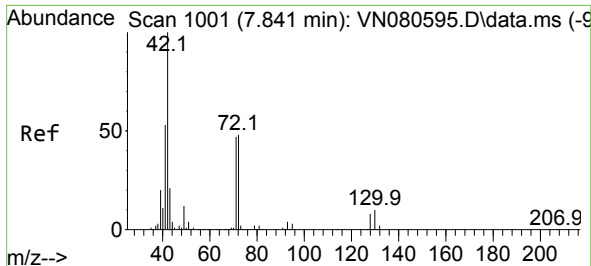
Tgt Ion: 96 Resp: 75920
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 255.2
 98 66.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 11.643 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion: 49 Resp: 58776
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 82.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 55.240 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

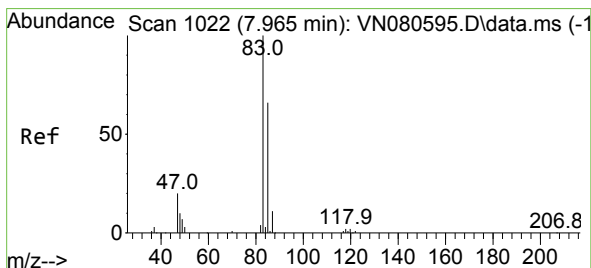
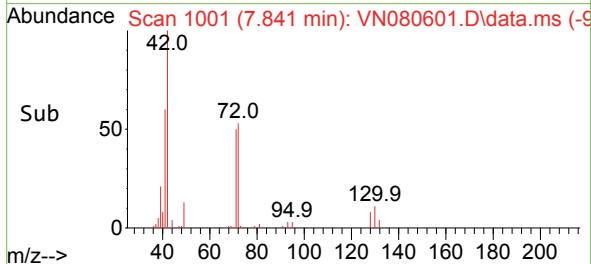
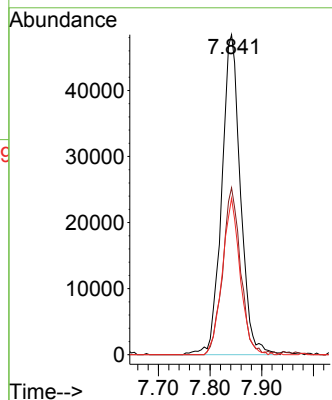
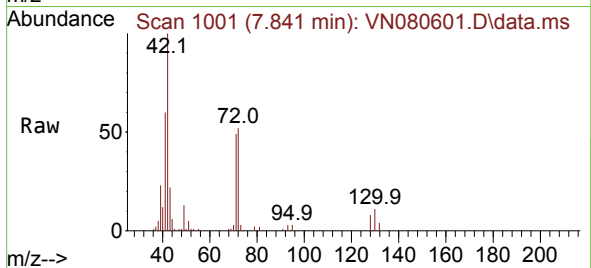
Tgt Ion: 42 Resp: 122027

Ion Ratio Lower Upper

42 100

72 49.8 49.8 74.6

71 46.6 47.4 71.2#



#30

Chloroform

Concen: 9.445 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080601.D

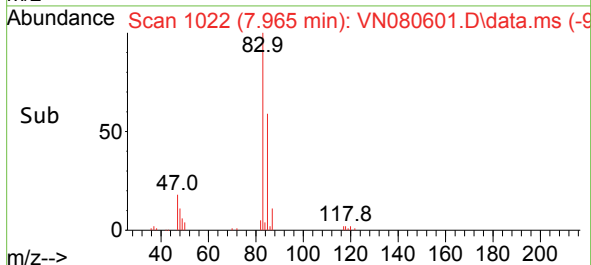
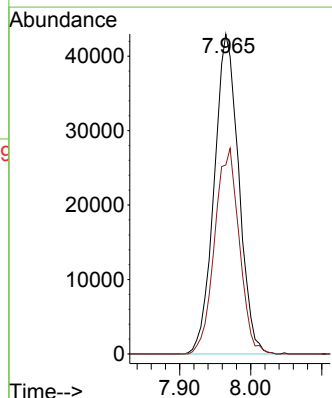
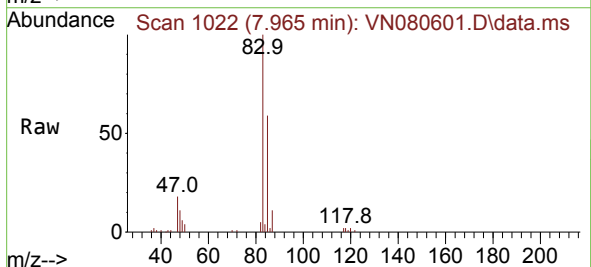
Acq: 27 Dec 2023 14:59

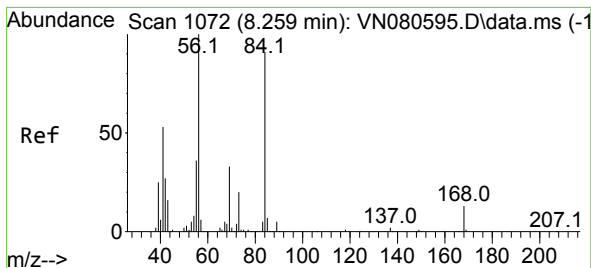
Tgt Ion: 83 Resp: 102958

Ion Ratio Lower Upper

83 100

85 59.1 55.4 83.0





#31

Cyclohexane

Concen: 10.064 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

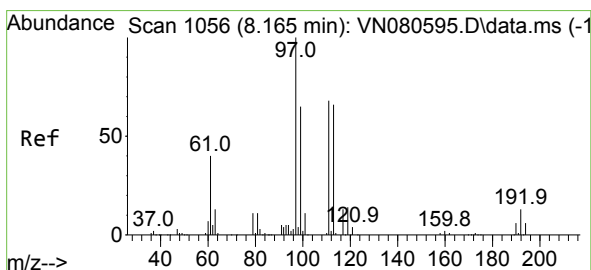
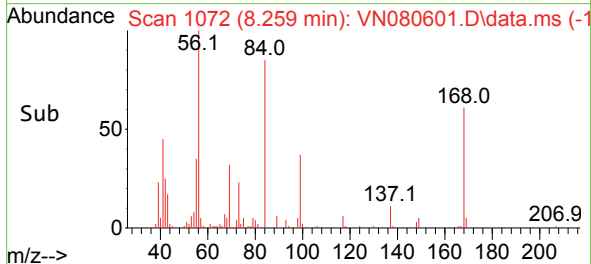
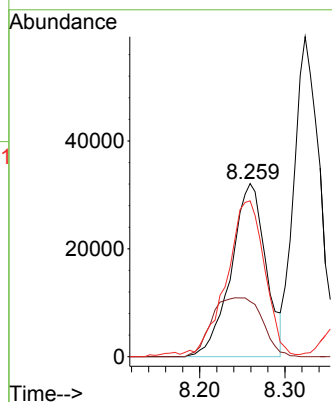
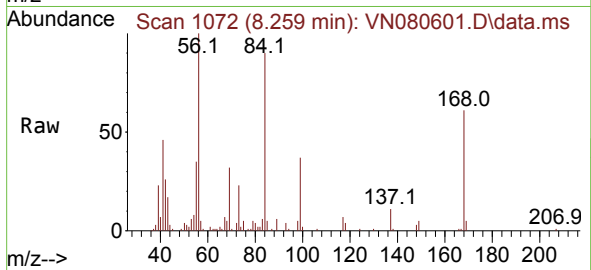
Tgt Ion: 56 Resp: 90782

Ion Ratio Lower Upper

56 100

69 31.9 26.8 40.2

84 88.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 10.684 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.012 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

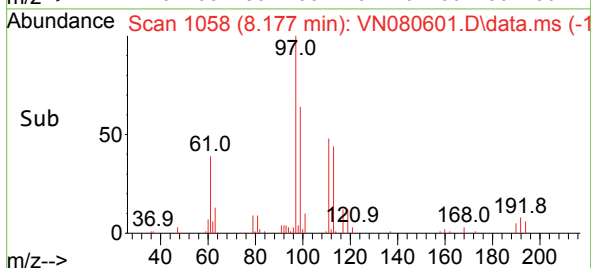
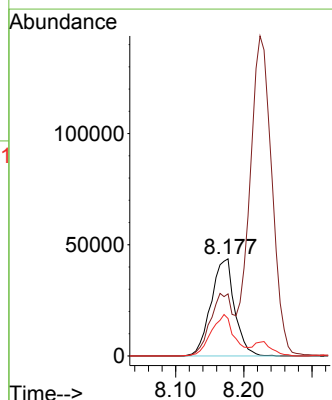
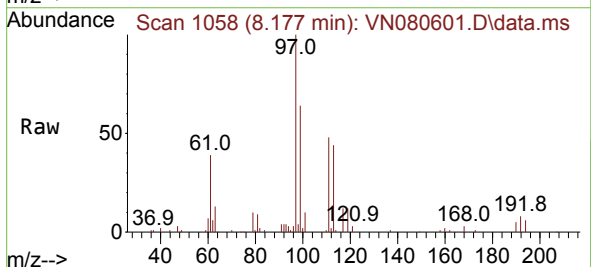
Tgt Ion: 97 Resp: 105010

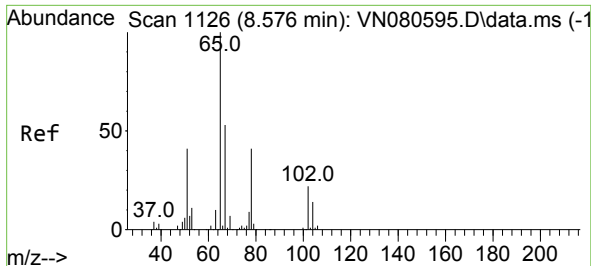
Ion Ratio Lower Upper

97 100

99 63.1 50.3 75.5

61 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 9.987 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

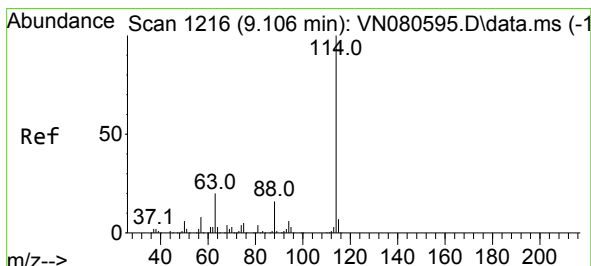
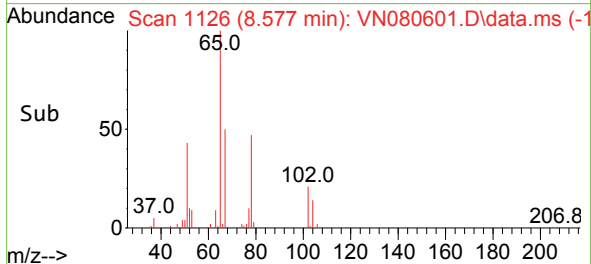
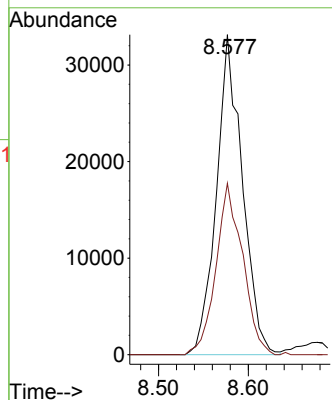
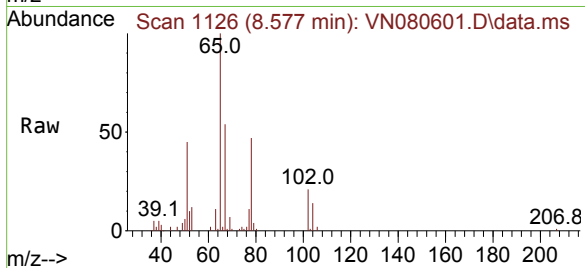
VSTDICC010

Tgt Ion: 65 Resp: 66580

Ion Ratio Lower Upper

65 100

67 54.9 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: VN080601.D

Acq: 27 Dec 2023 14:59

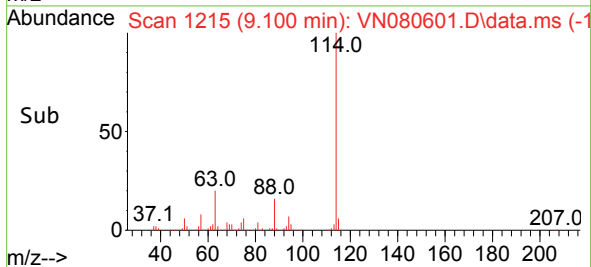
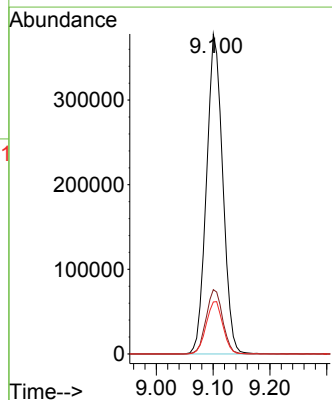
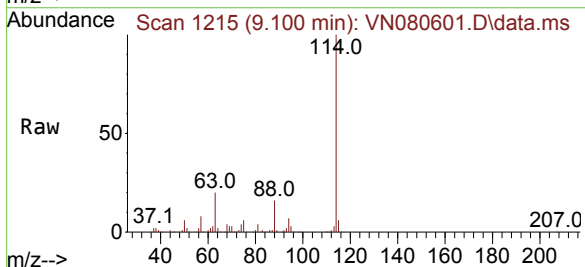
Tgt Ion: 114 Resp: 749953

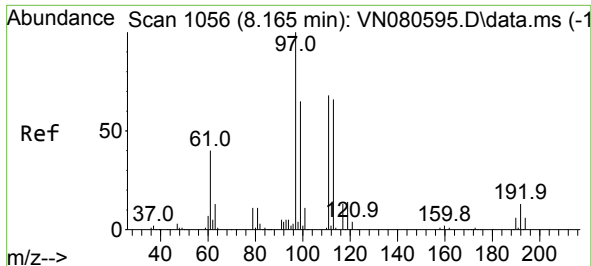
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 16.2 0.0 30.6

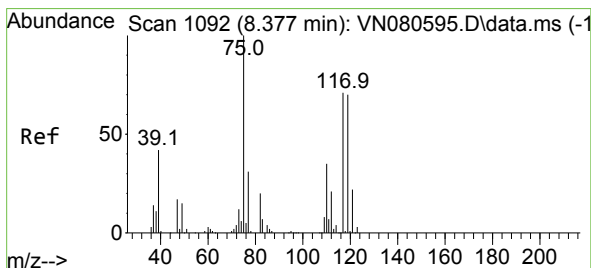
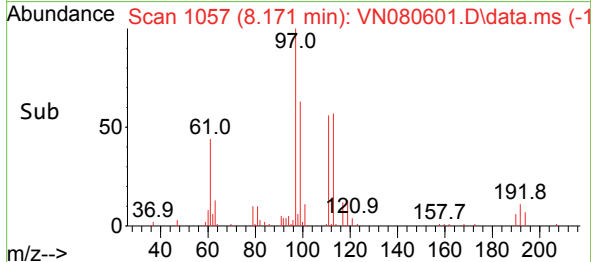
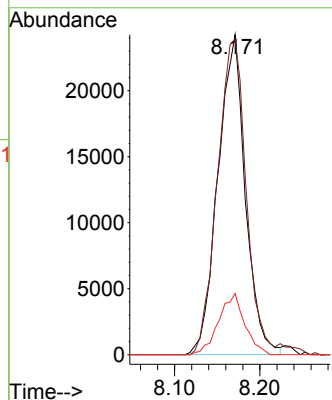
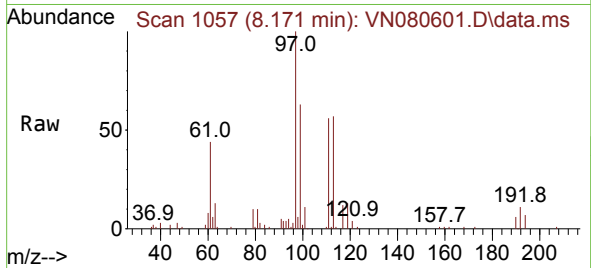




#35
Dibromofluoromethane
Concen: 11.153 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

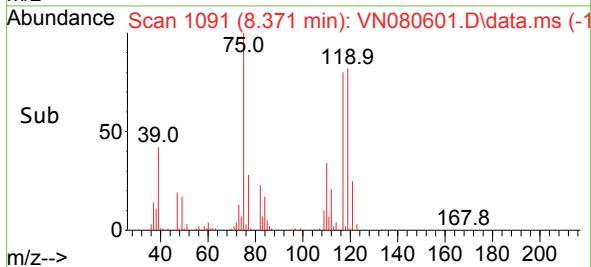
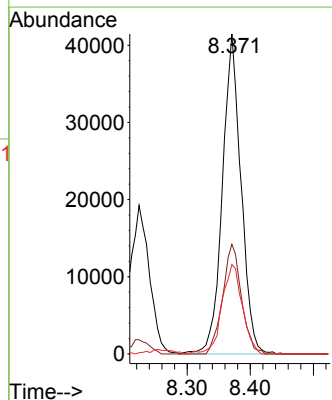
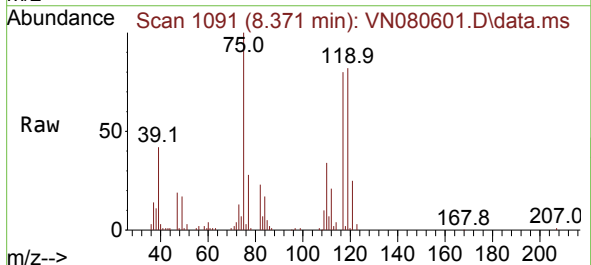
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

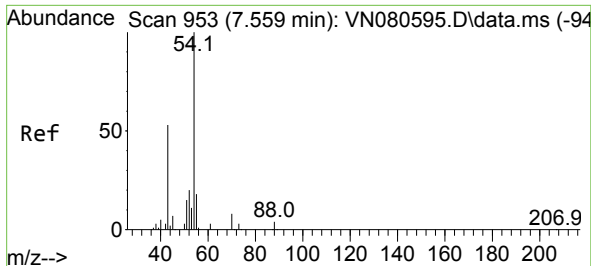
Tgt Ion:113 Resp: 54095
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 18.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 11.369 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 75 Resp: 84868
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 30.7 25.0 37.4

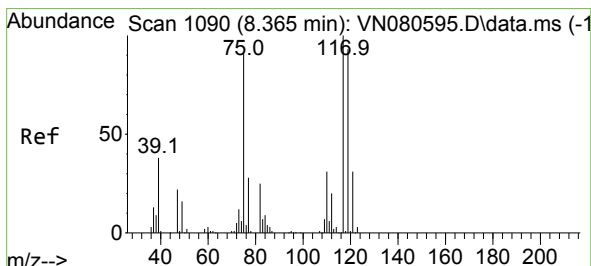
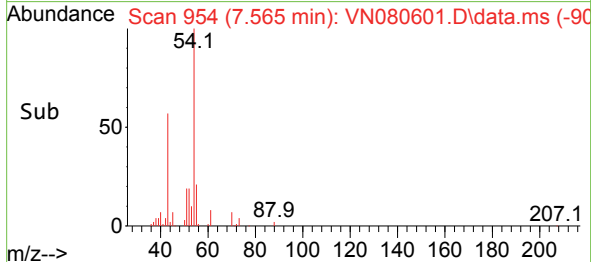
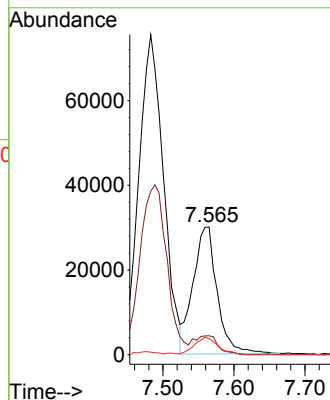
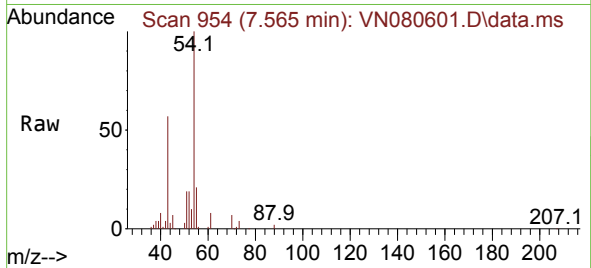




#37
Ethyl Acetate
Concen: 12.628 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

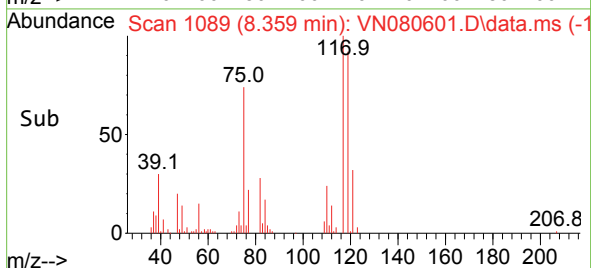
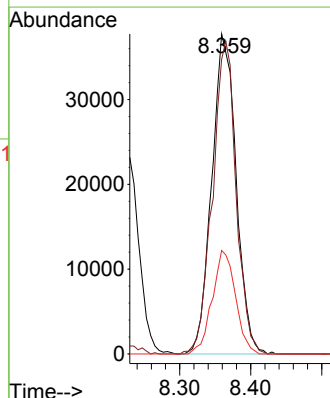
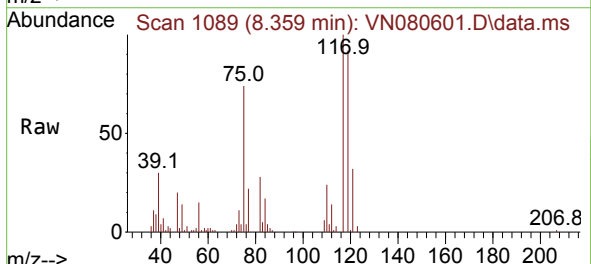
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

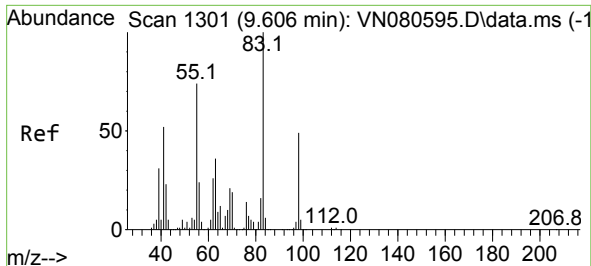
Tgt Ion: 43 Resp: 71129
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 13.2 11.3 16.9



#38
Carbon Tetrachloride
Concen: 11.761 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 117 Resp: 89814
Ion Ratio Lower Upper
117 100
119 92.1 77.3 115.9
121 32.4 23.3 34.9

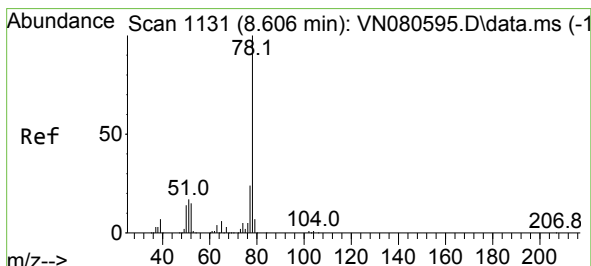
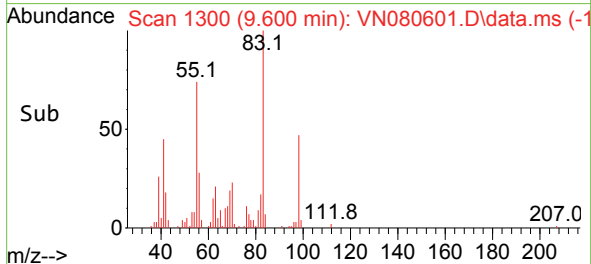
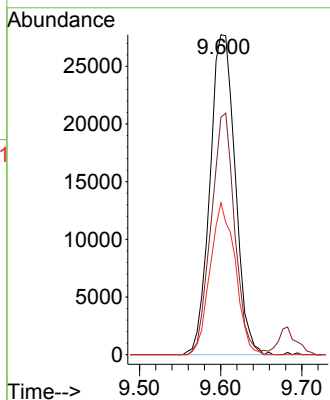
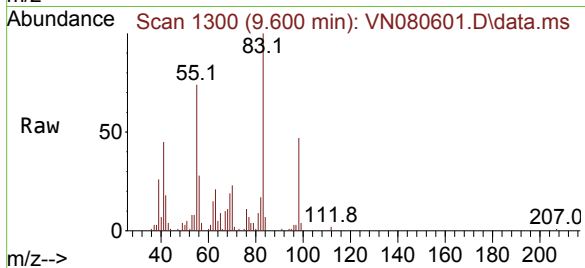




#39
Methylcyclohexane
Concen: 9.797 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

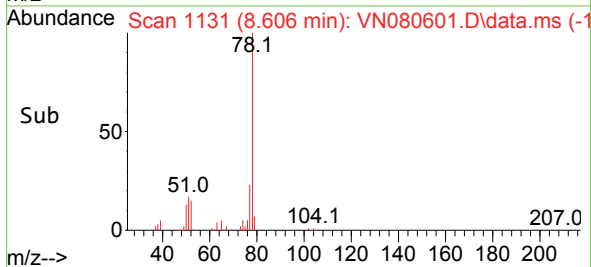
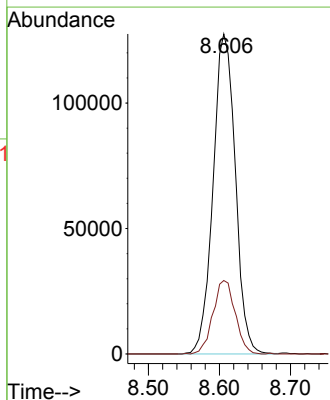
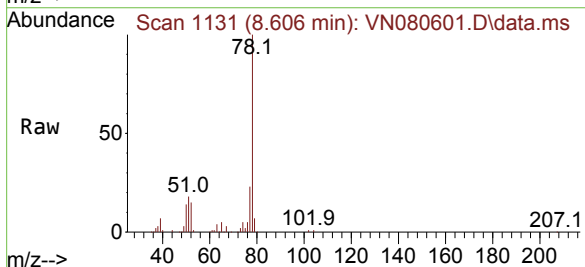
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

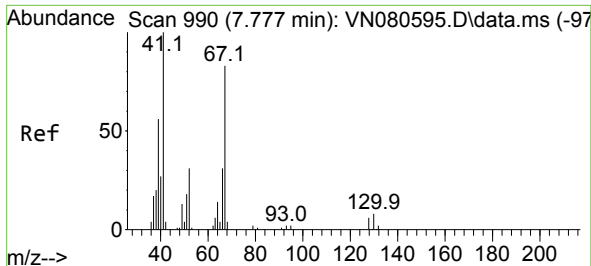
Tgt Ion: 83 Resp: 59982
Ion Ratio Lower Upper
83 100
55 74.1 49.1 73.7#
98 47.4 40.6 61.0



#40
Benzene
Concen: 12.998 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 78 Resp: 276903
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6



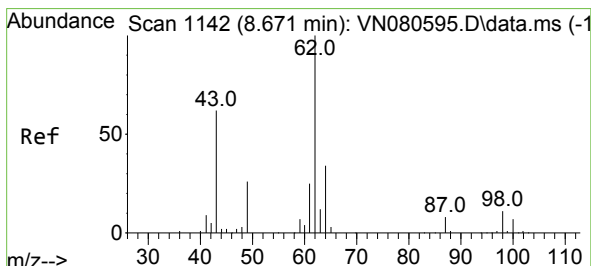
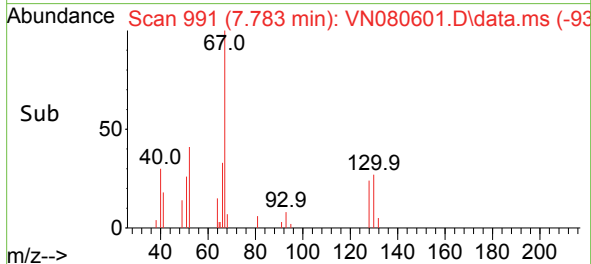
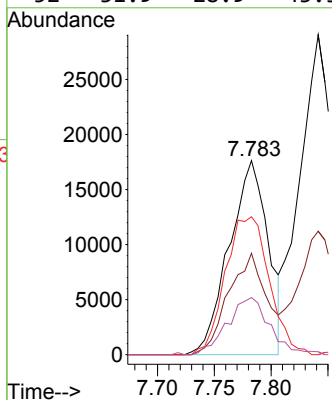
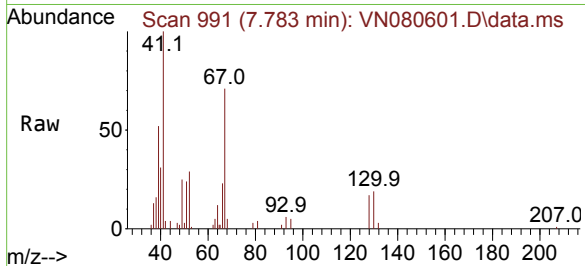


#41
Methacrylonitrile
Concen: 12.262 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 42070

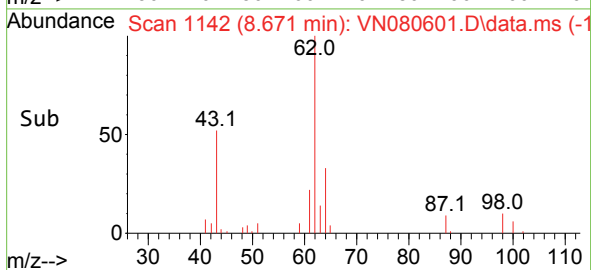
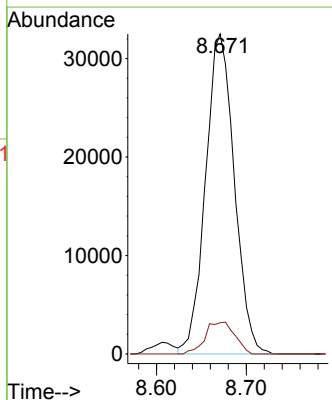
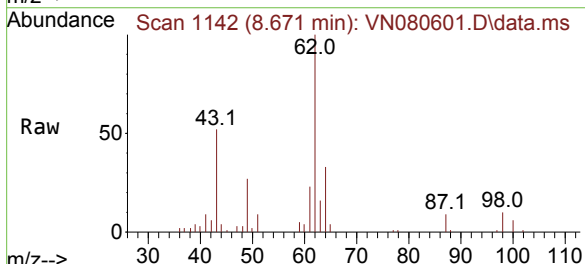
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.6	64.0
67	80.0	77.5	116.3
52	31.9	28.9	43.3

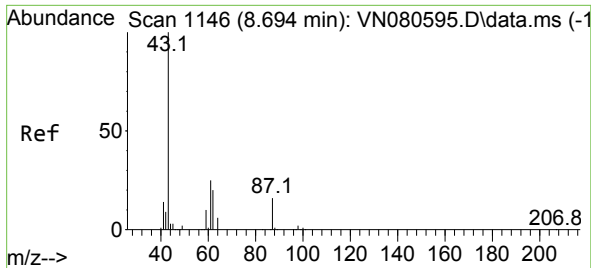


#42
1,2-Dichloroethane
Concen: 10.461 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 62 Resp: 72352

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8

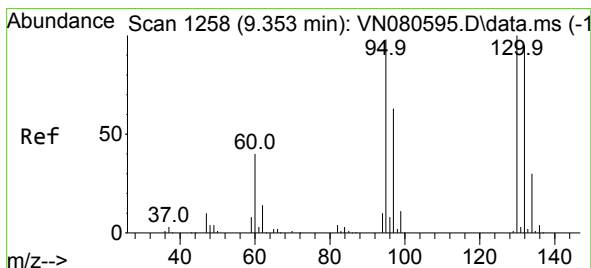
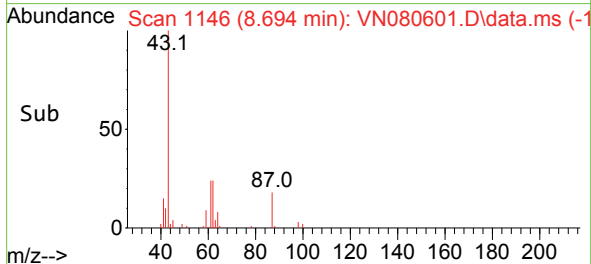
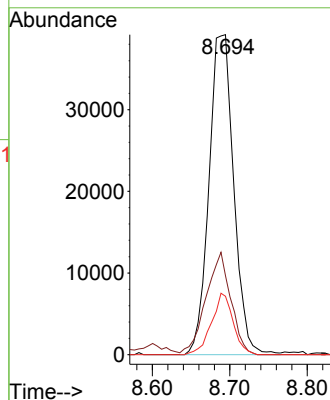
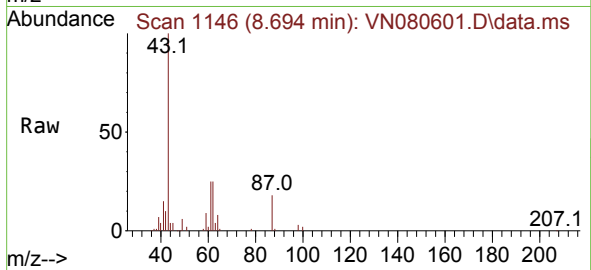




#43
Isopropyl Acetate
Concen: 9.550 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

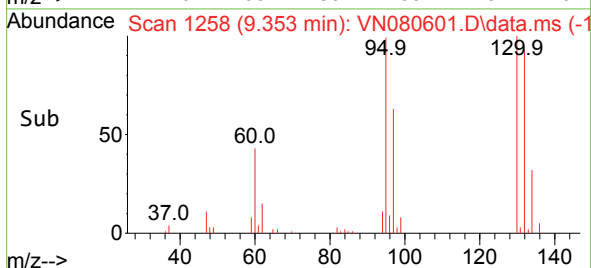
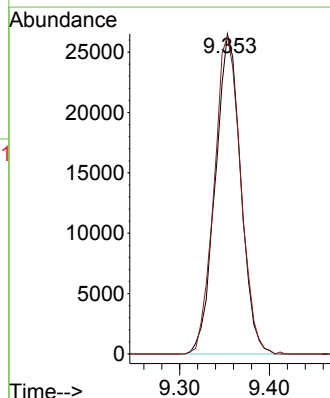
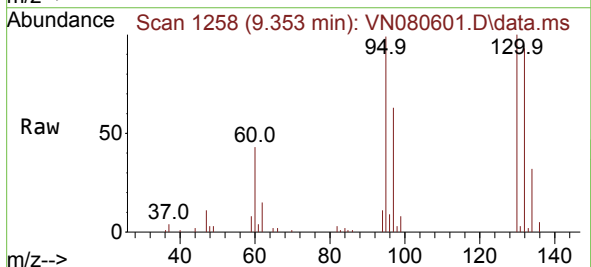
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

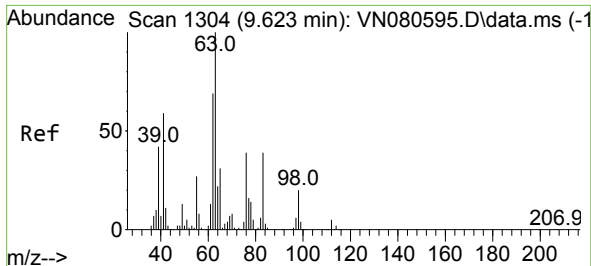
Tgt Ion: 43 Resp: 87192
Ion Ratio Lower Upper
43 100
61 32.1 24.7 37.1
87 16.8 14.6 21.8



#44
Trichloroethene
Concen: 9.363 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:130 Resp: 52170
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.6

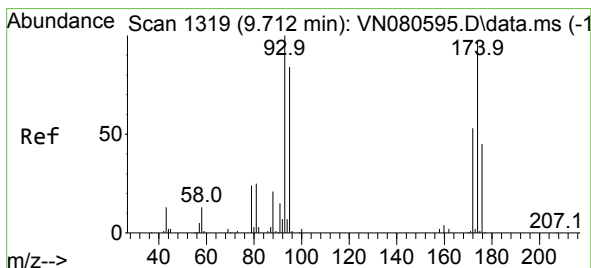
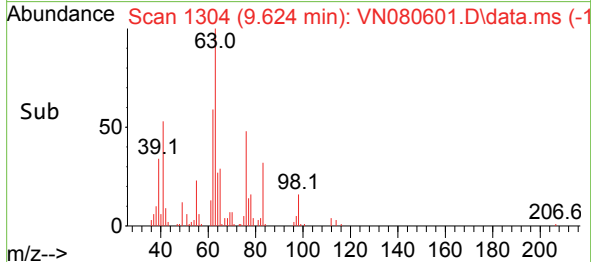
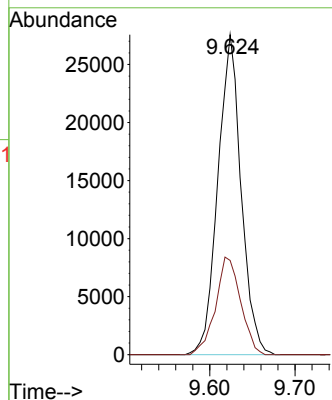
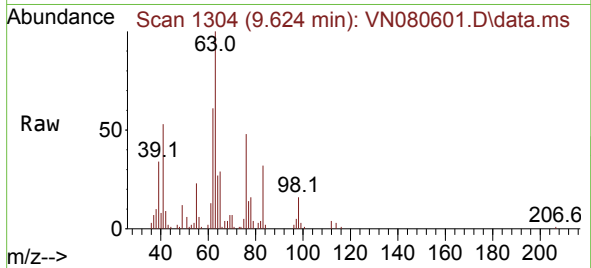




#45
1,2-Dichloropropane
Concen: 10.290 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

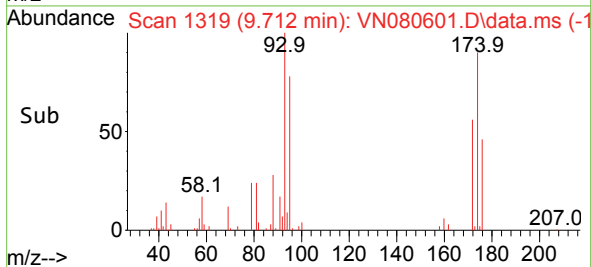
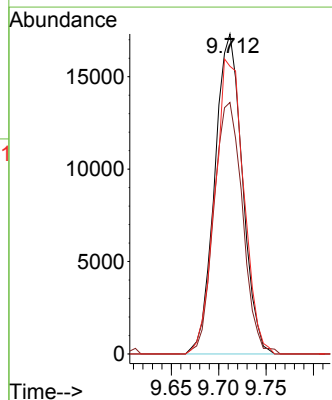
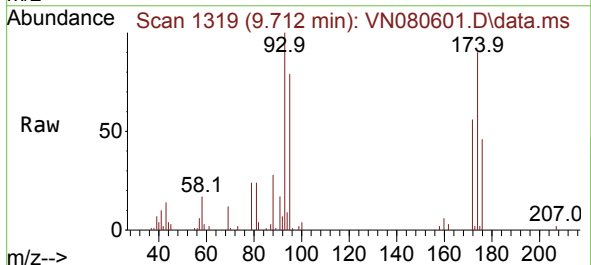
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

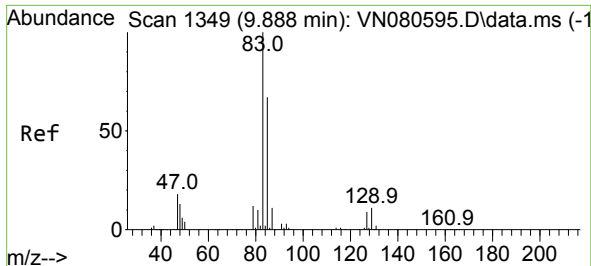
Tgt Ion: 63 Resp: 52203
Ion Ratio Lower Upper
63 100
65 29.5 23.9 35.9



#46
Dibromomethane
Concen: 10.294 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 93 Resp: 35137
Ion Ratio Lower Upper
93 100
95 81.6 63.8 95.8
174 96.2 65.6 98.4

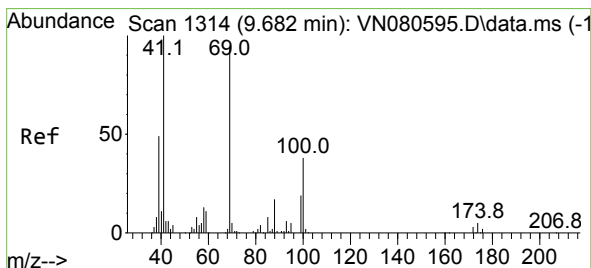
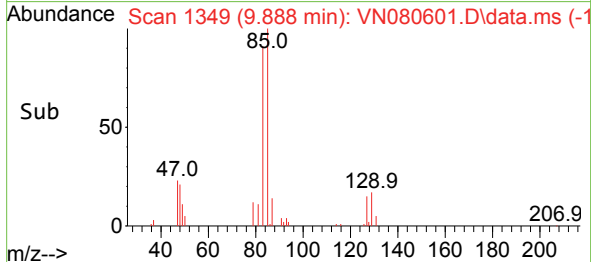
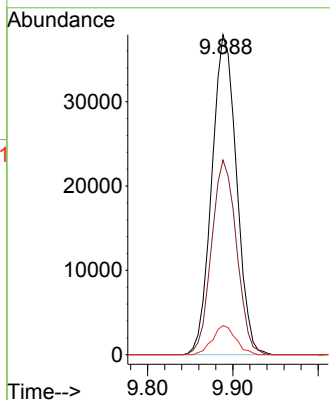
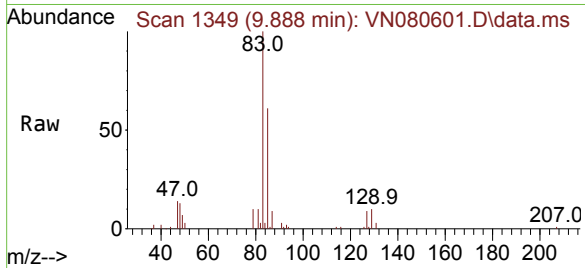




#47
Bromodichloromethane
Concen: 10.673 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

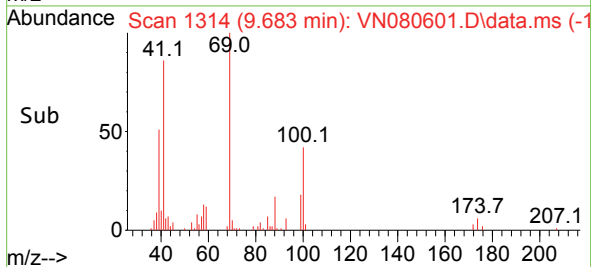
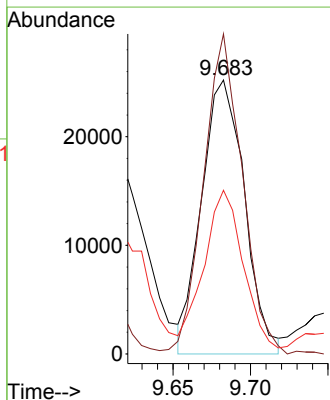
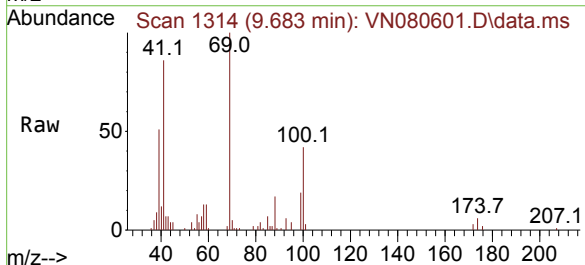
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

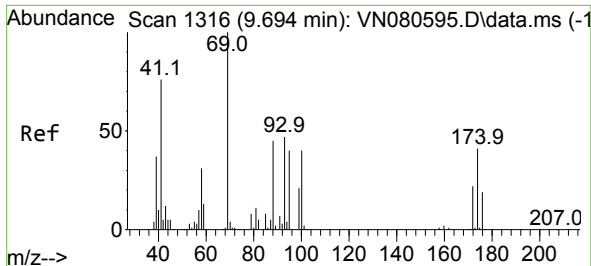
Tgt Ion: 83 Resp: 76361
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 9.570 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 41 Resp: 48513
Ion Ratio Lower Upper
41 100
69 105.9 90.4 135.6
39 56.3 54.6 81.8





#49

1,4-Dioxane

Concen: 219.587 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN080601.D

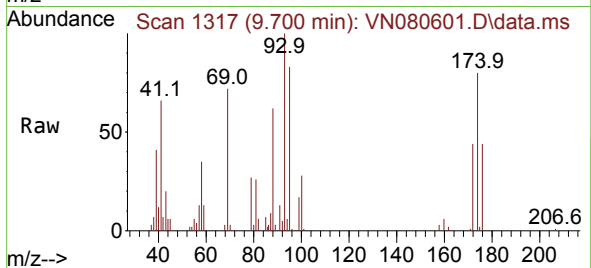
Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



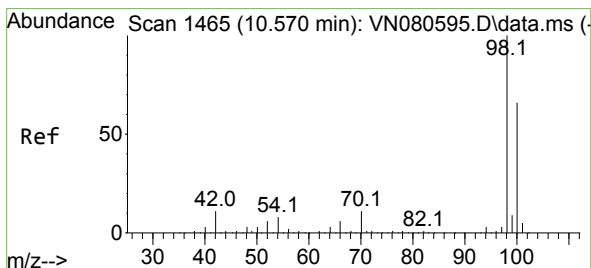
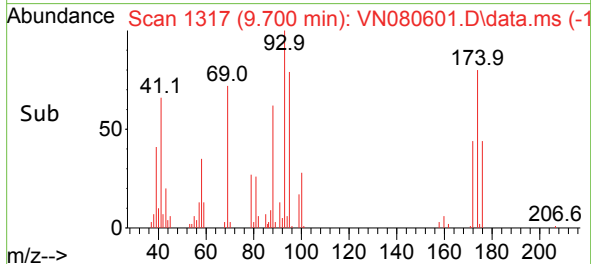
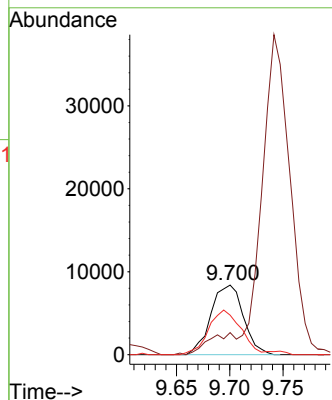
Tgt Ion: 88 Resp: 17792

Ion Ratio Lower Upper

88 100

43 18.0 17.0 25.6

58 65.2 47.0 70.4



#50

Toluene-d8

Concen: 9.889 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080601.D

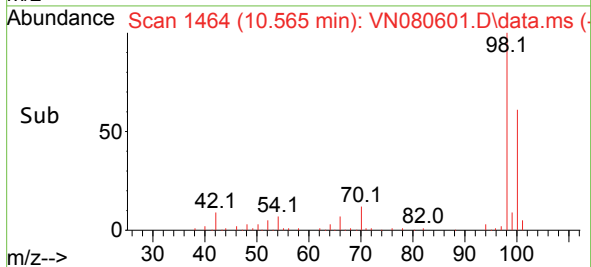
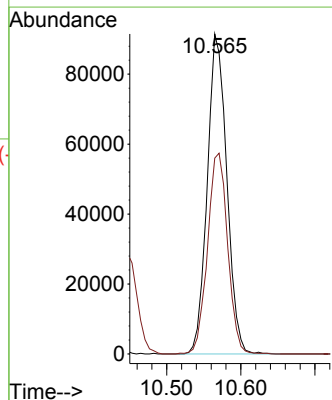
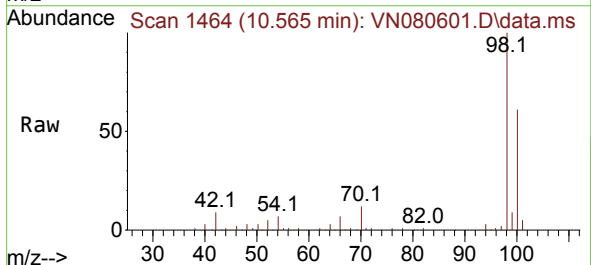
Acq: 27 Dec 2023 14:59

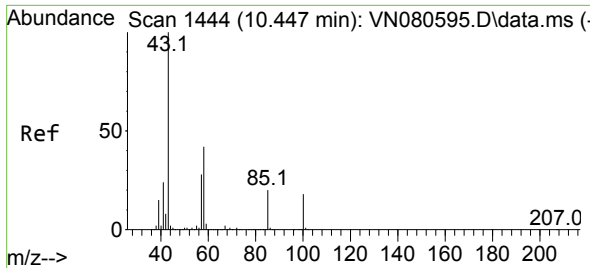
Tgt Ion: 98 Resp: 167470

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

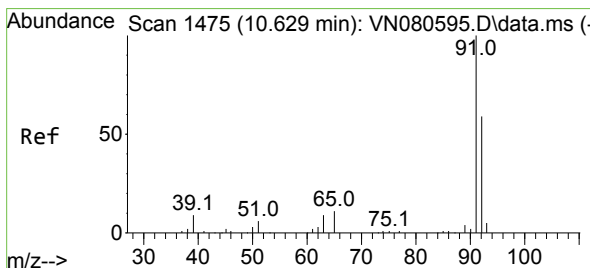
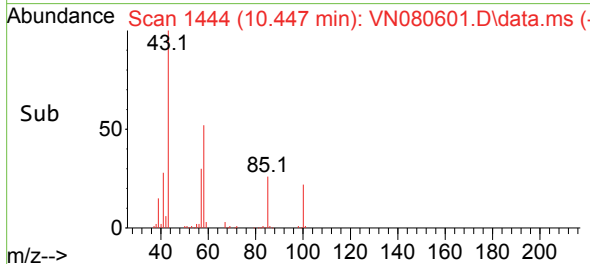
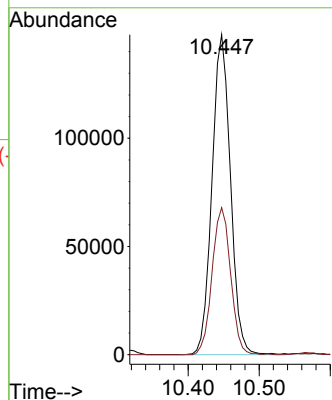
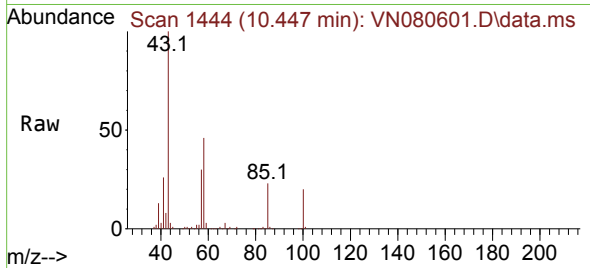




#51
4-Methyl-2-Pentanone
Concen: 51.305 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

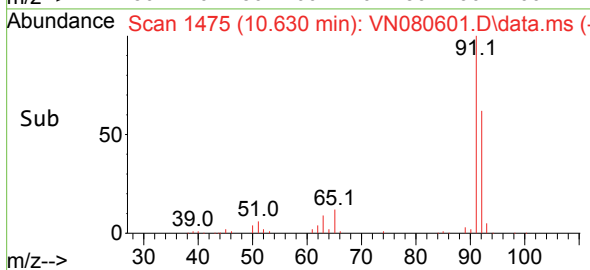
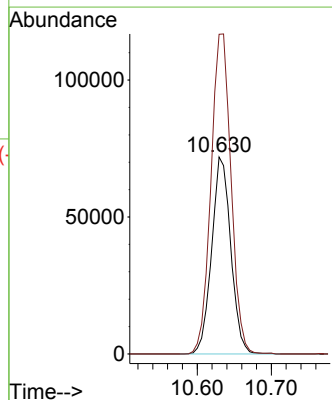
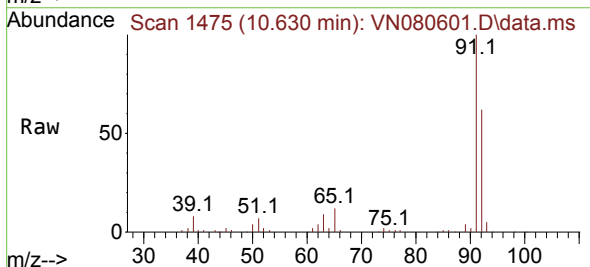
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

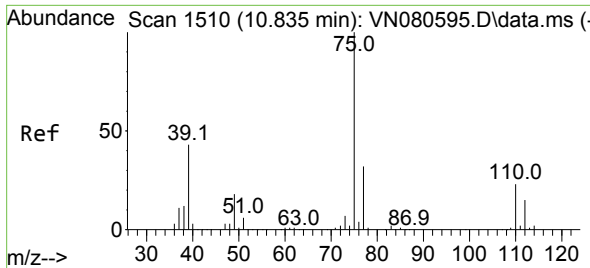
Tgt Ion: 43 Resp: 266409
Ion Ratio Lower Upper
43 100
58 46.2 36.6 54.8



#52
Toluene
Concen: 10.859 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 92 Resp: 128883
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0

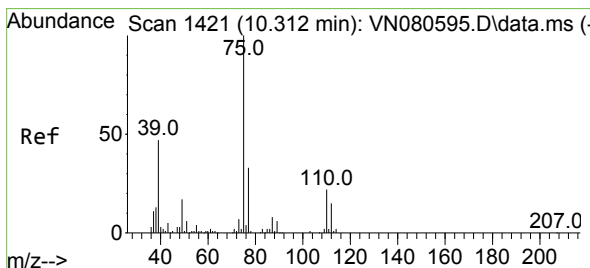
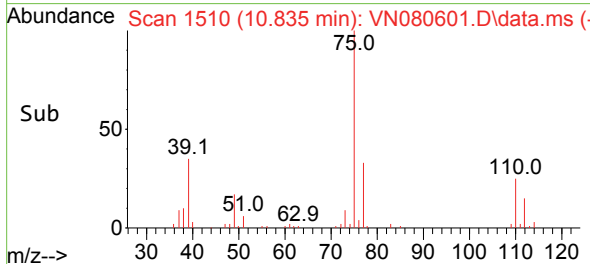
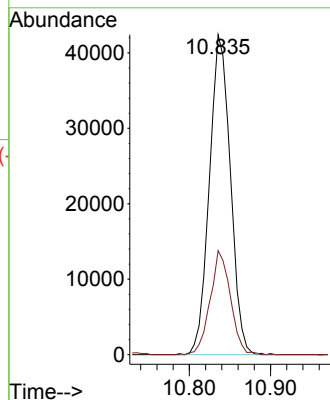
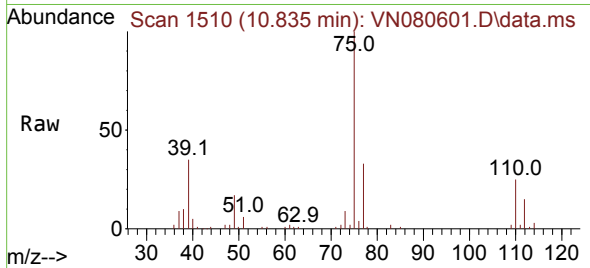




#53
 t-1,3-Dichloropropene
 Concen: 10.546 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

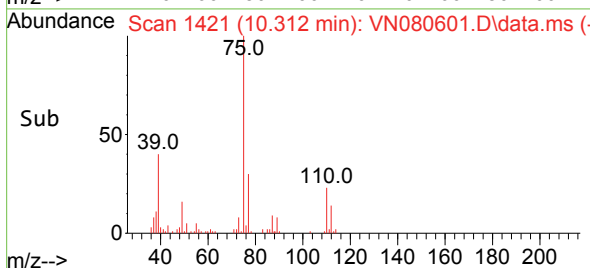
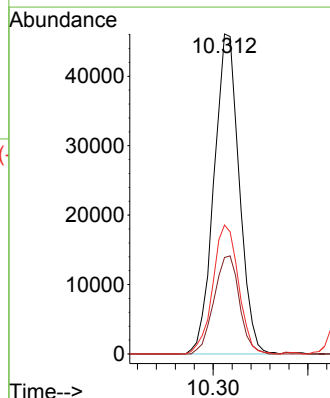
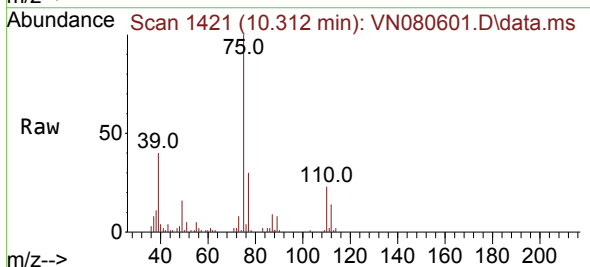
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

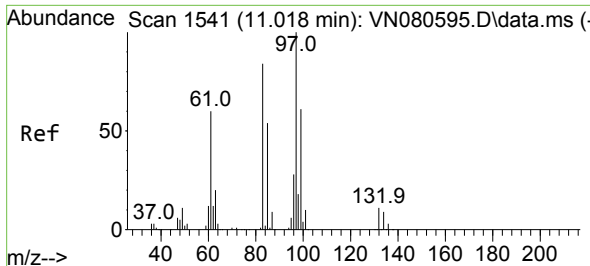
Tgt Ion: 75 Resp: 76072
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 10.550 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion: 75 Resp: 85172
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.1 39.1
 39 40.3 31.6 47.4

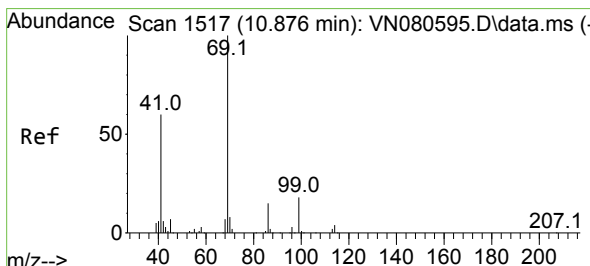
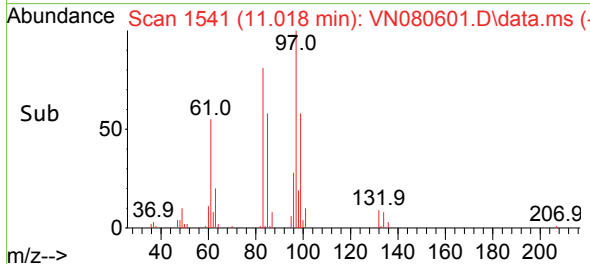
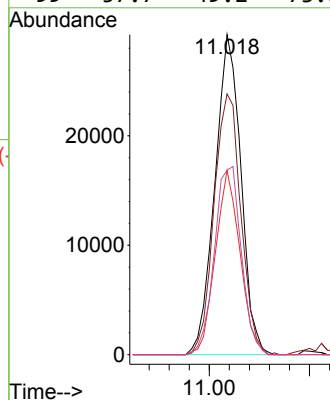
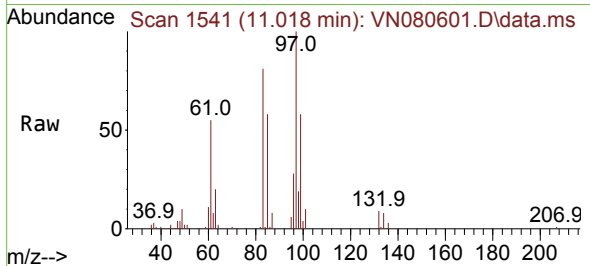




#55
1,1,2-Trichloroethane
Concen: 11.179 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

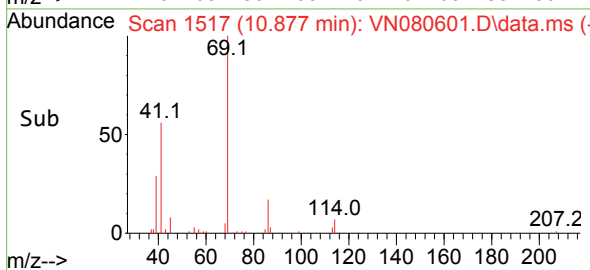
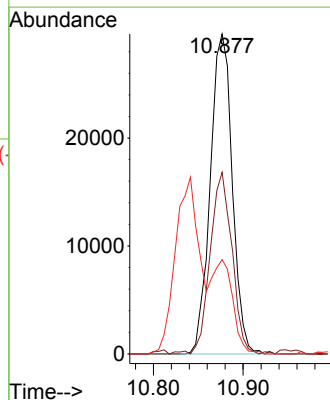
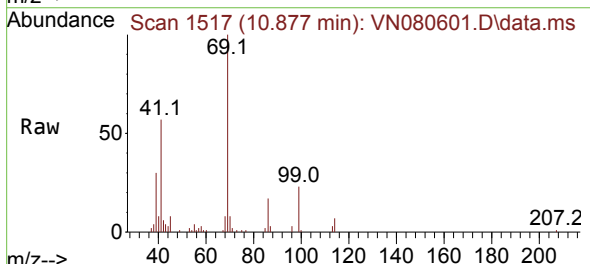
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

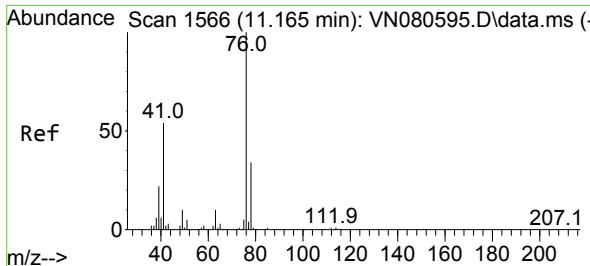
Tgt Ion: 97	Resp: 52633
Ion Ratio	Lower Upper
97 100	
83 81.5	65.1 97.7
85 57.5	43.4 65.2
99 57.7	49.2 73.8



#56
Ethyl methacrylate
Concen: 10.967 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 69	Resp: 50577
Ion Ratio	Lower Upper
69 100	
41 56.2	39.6 59.4
39 23.3	28.6 43.0#

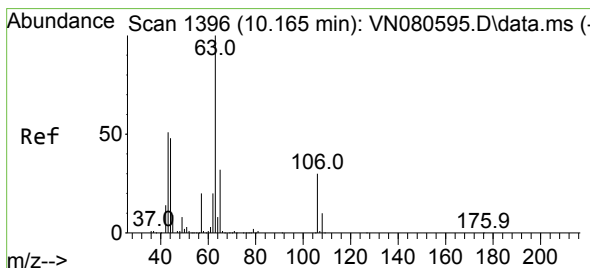
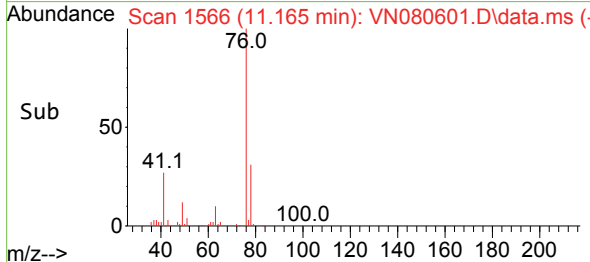
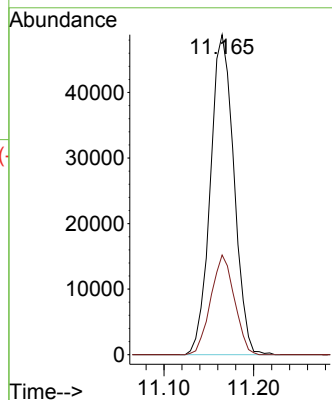
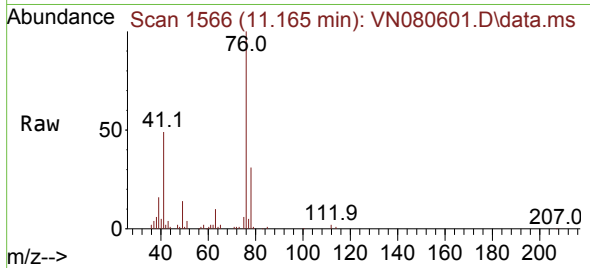




#57
1,3-Dichloropropane
Concen: 11.168 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

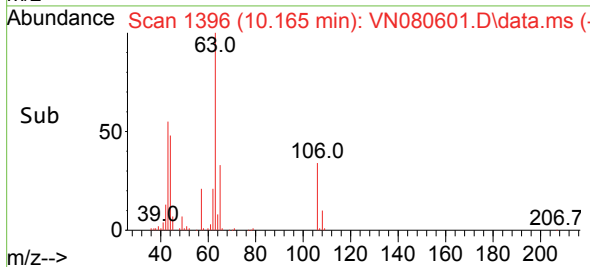
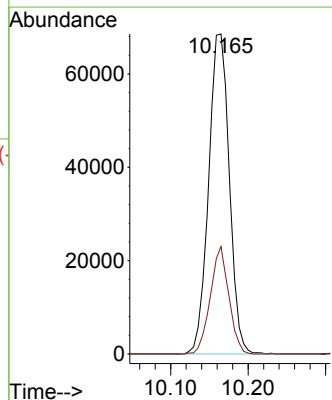
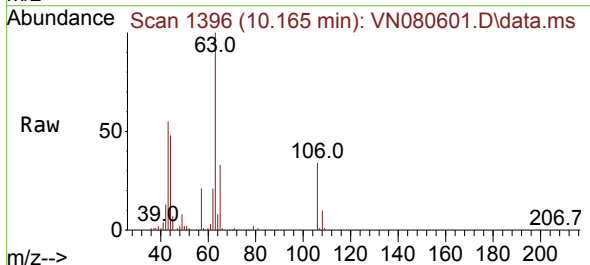
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

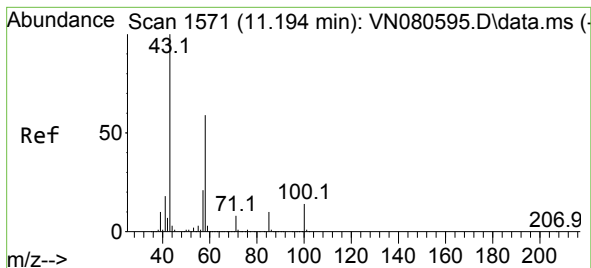
Tgt Ion: 76 Resp: 89083
Ion Ratio Lower Upper
76 100
78 31.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 39.042 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 63 Resp: 127145
Ion Ratio Lower Upper
63 100
106 30.0 26.2 39.4

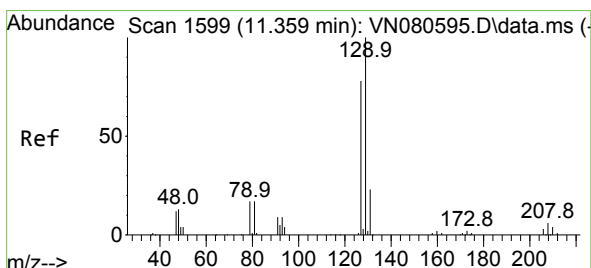
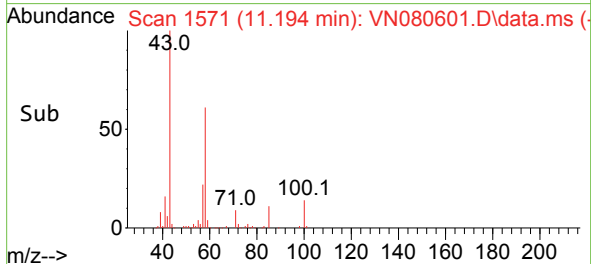
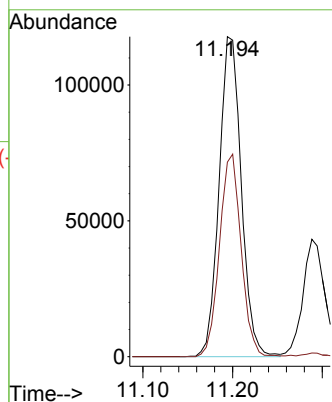
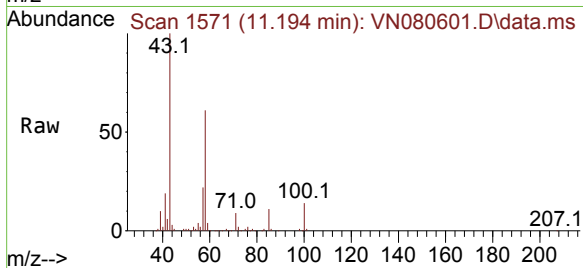




#59
2-Hexanone
Concen: 51.725 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

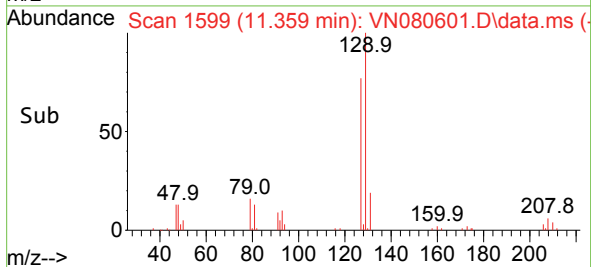
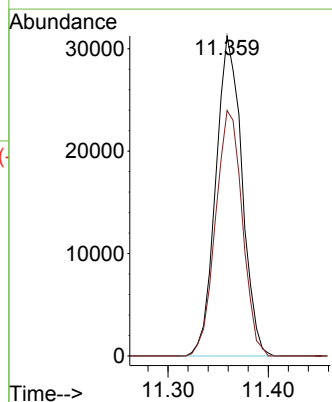
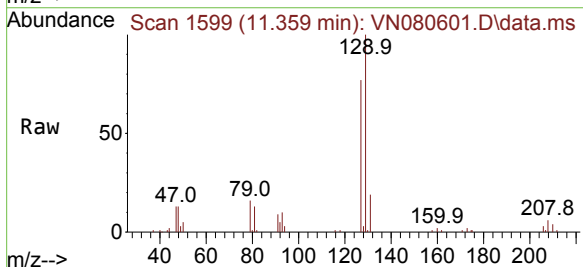
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

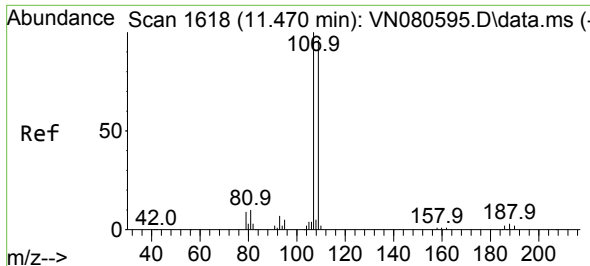
Tgt Ion: 43 Resp: 202438
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1



#60
Dibromochloromethane
Concen: 10.786 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 129 Resp: 56549
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

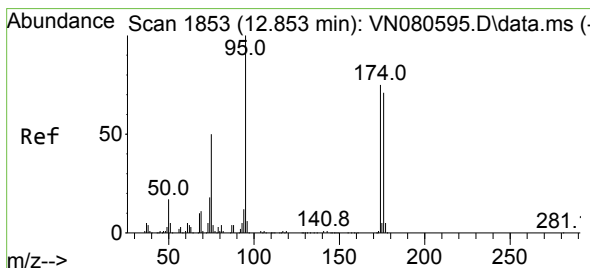
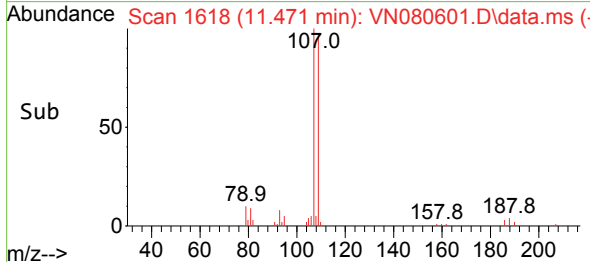
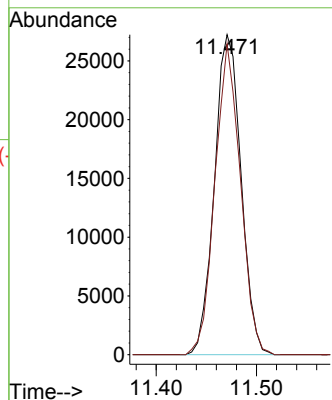
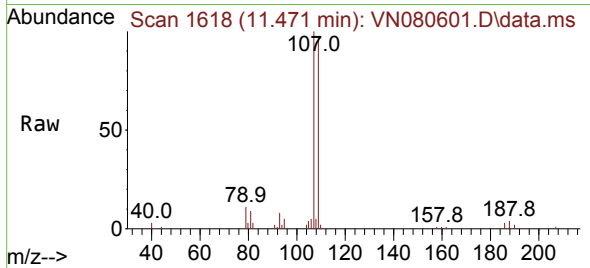




#61
1,2-Dibromoethane
Concen: 10.563 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

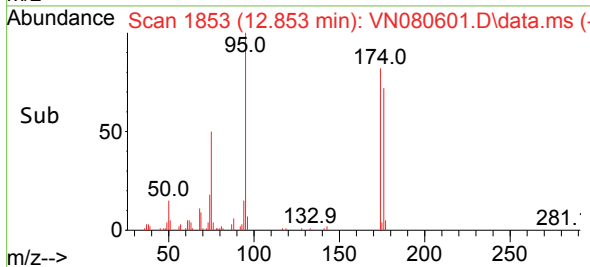
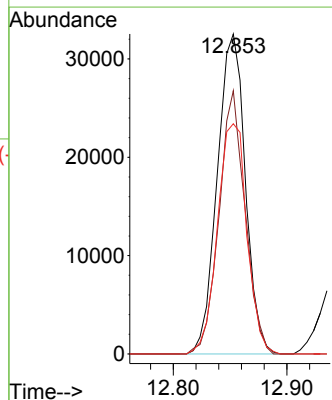
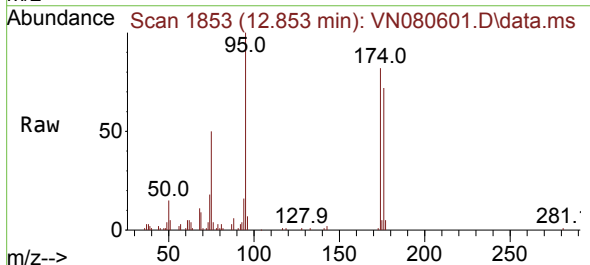
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

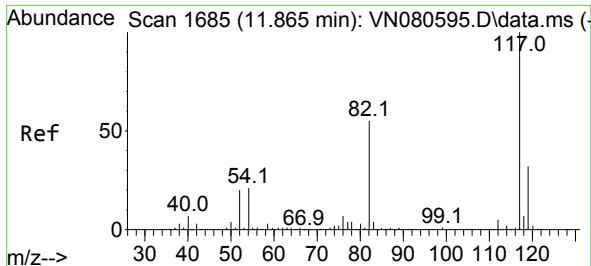
Tgt Ion:107 Resp: 50140
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 9.778 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 95 Resp: 55732
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 75.5 0.0 135.8

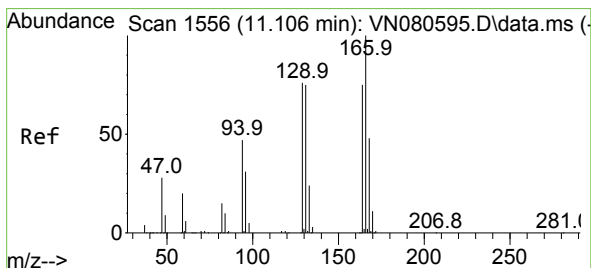
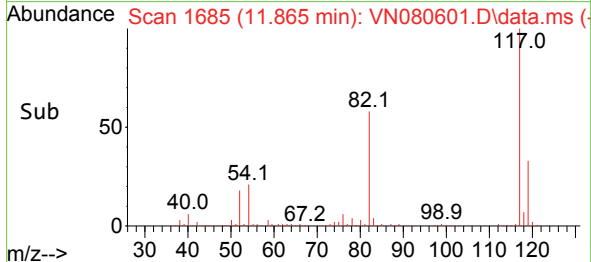
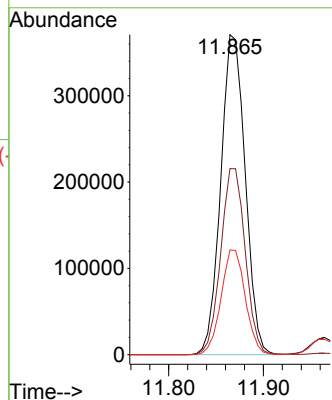
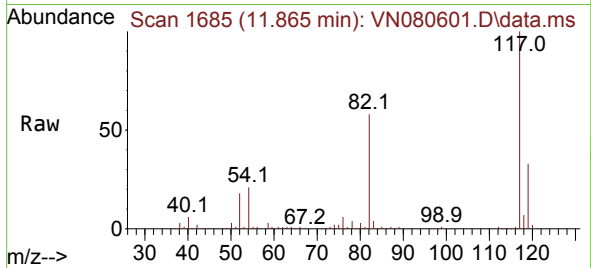




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

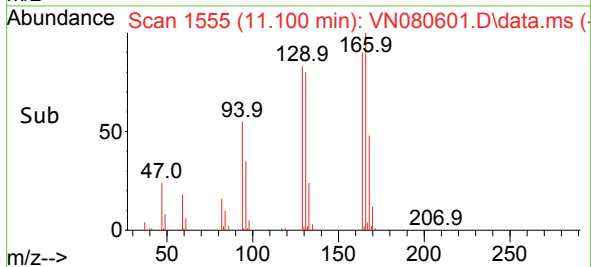
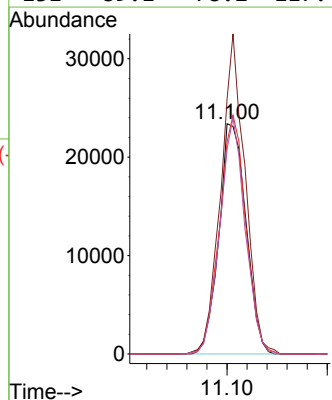
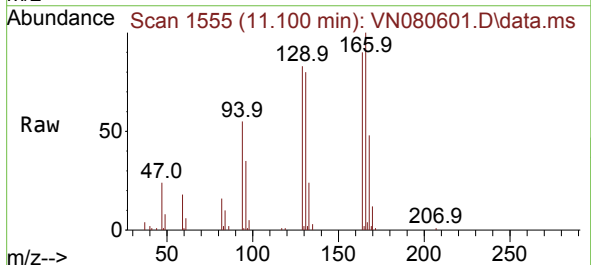
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

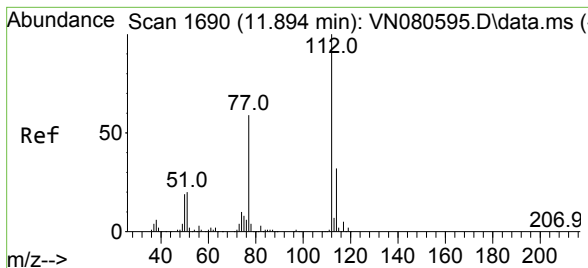
Tgt Ion:117 Resp: 666632
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 9.826 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:164 Resp: 43768
Ion Ratio Lower Upper
164 100
166 110.7 101.4 152.0
129 92.2 82.4 123.6
131 89.1 78.2 117.4

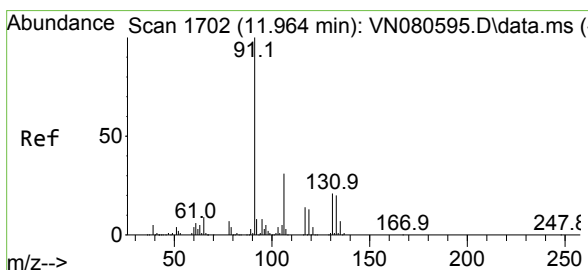
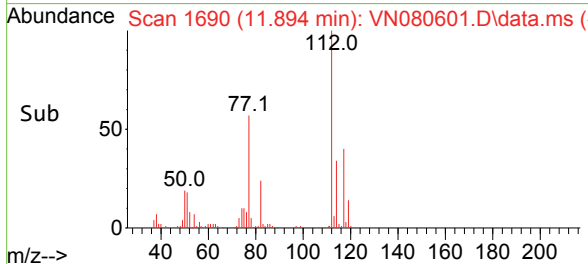
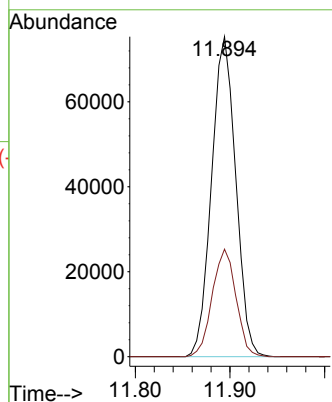
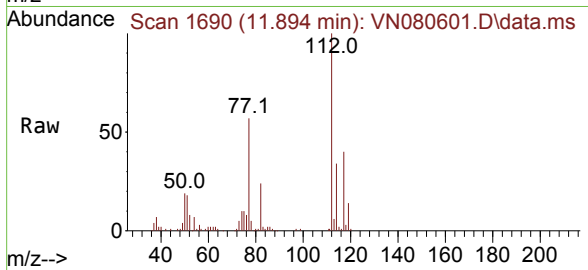




#65
Chlorobenzene
Concen: 9.627 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

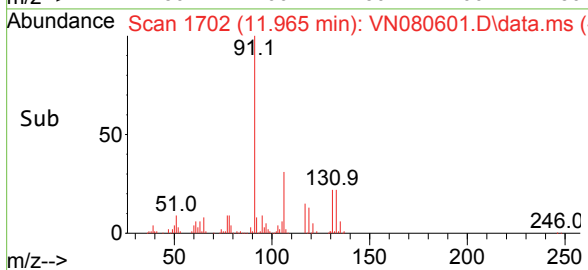
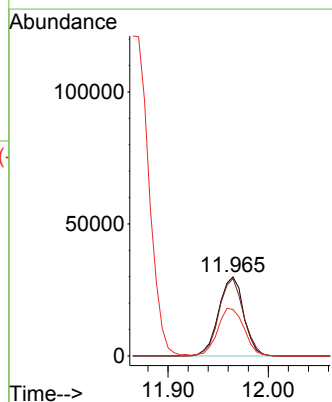
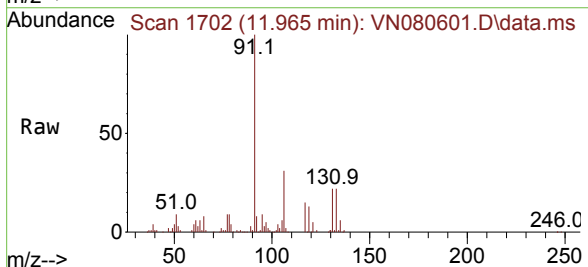
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

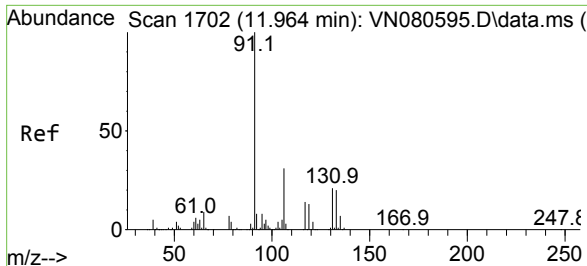
Tgt Ion:112 Resp: 133507
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 9.704 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:131 Resp: 51766
Ion Ratio Lower Upper
131 100
133 96.7 46.4 139.1
119 63.8 34.1 102.2

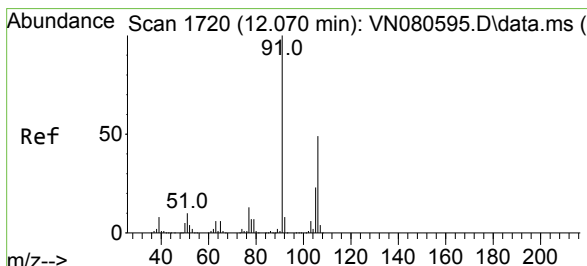
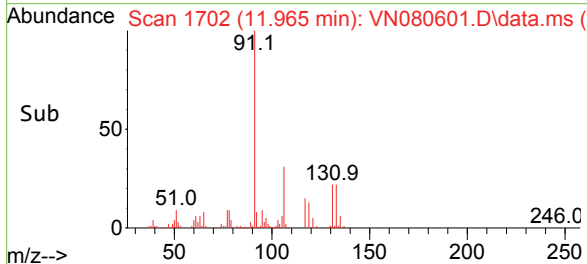
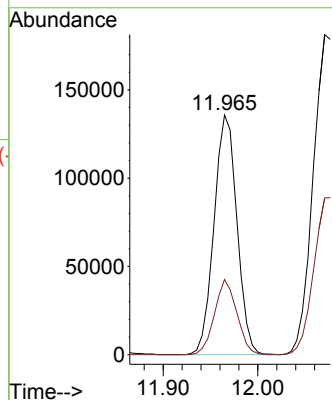
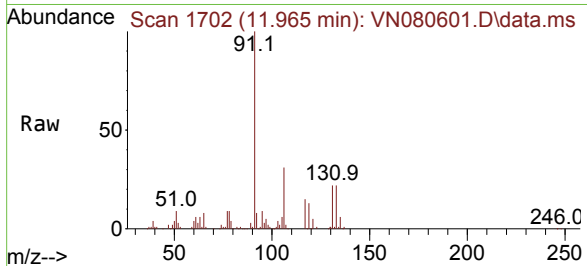




#67
Ethyl Benzene
Concen: 9.844 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

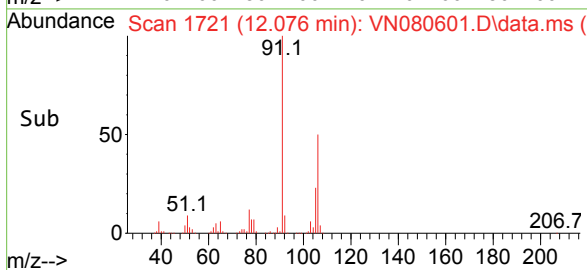
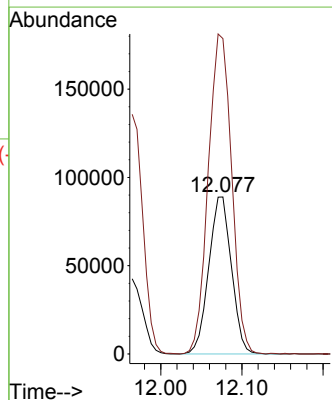
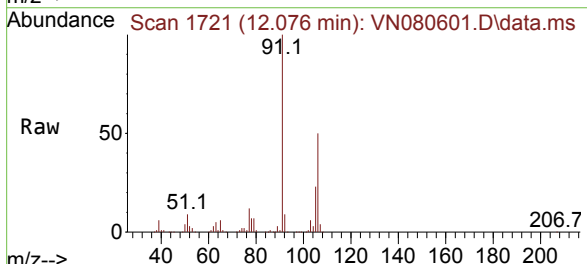
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

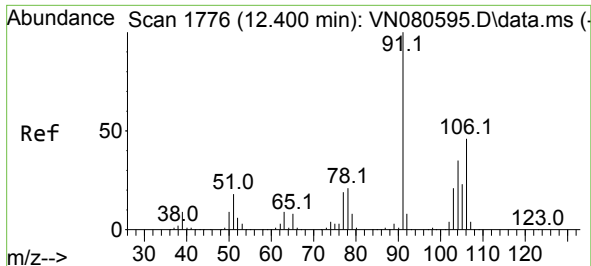
Tgt Ion: 91 Resp: 228221
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 20.060 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:106 Resp: 172567
Ion Ratio Lower Upper
106 100
91 210.1 159.6 239.4

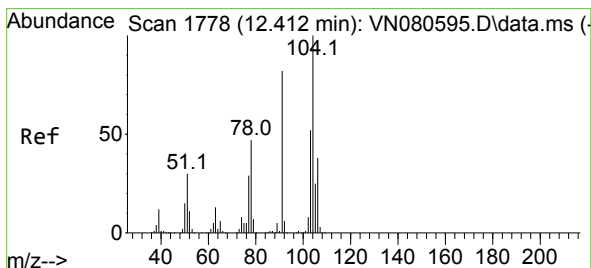
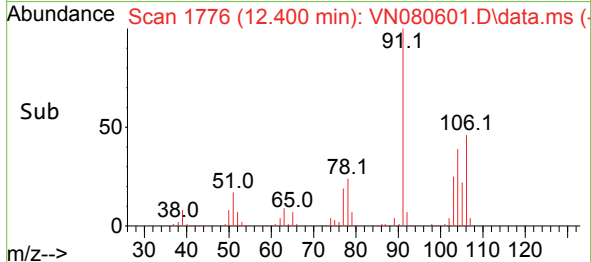
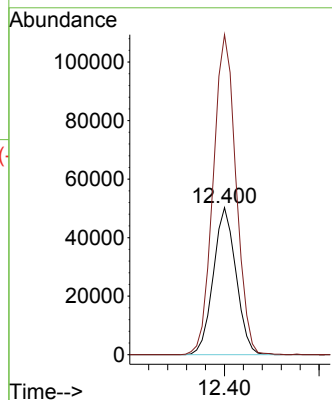
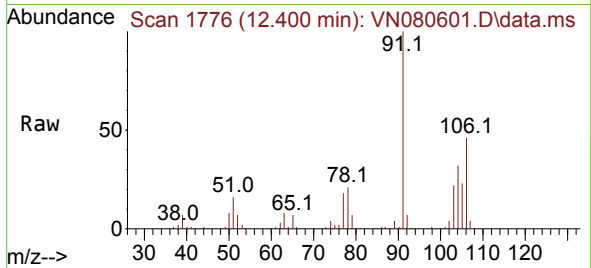




#69
o-Xylene
Concen: 9.895 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

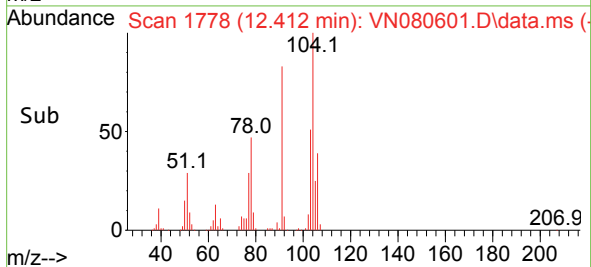
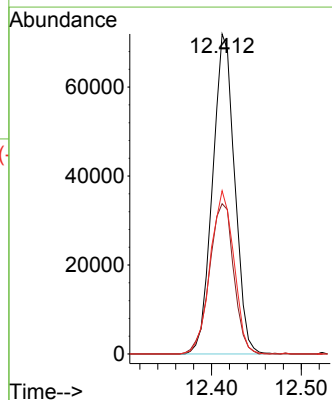
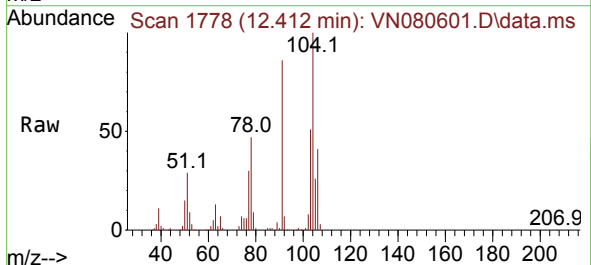
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

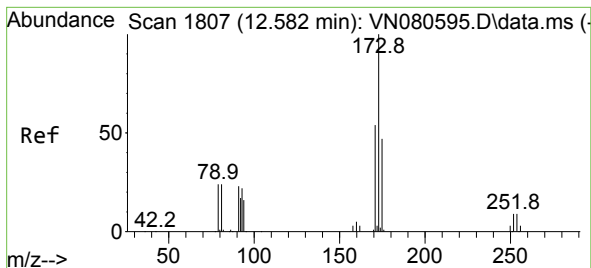
Tgt Ion:106 Resp: 83606
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5



#70
Styrene
Concen: 10.009 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:104 Resp: 122976
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 54.4 43.2 64.8





#71

Bromoform

Concen: 9.925 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

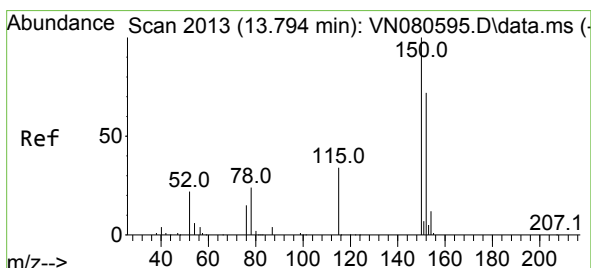
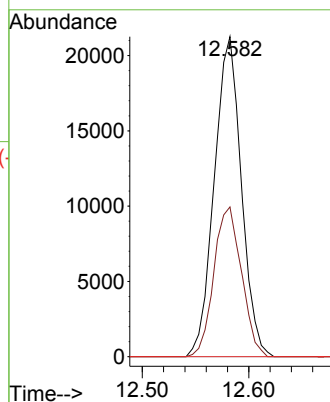
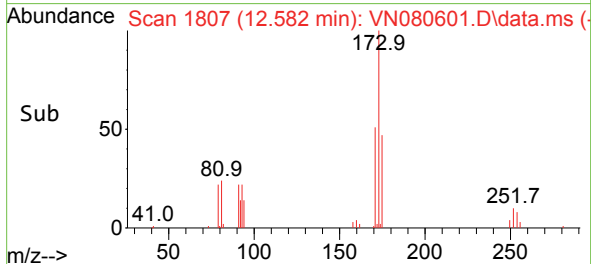
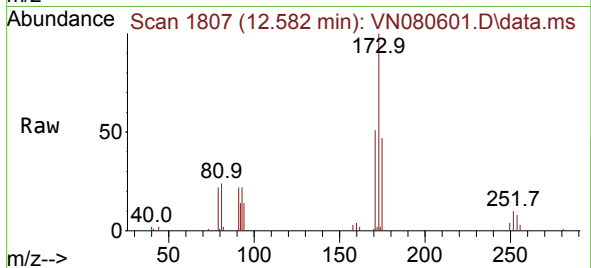
Tgt Ion:173 Resp: 37451

Ion Ratio Lower Upper

173 100

175 47.7 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: VN080601.D

Acq: 27 Dec 2023 14:59

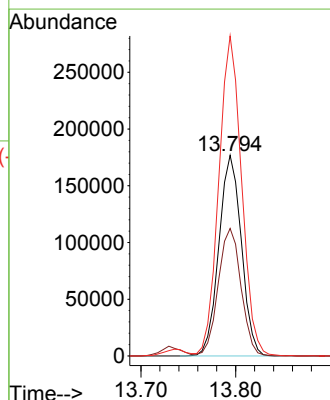
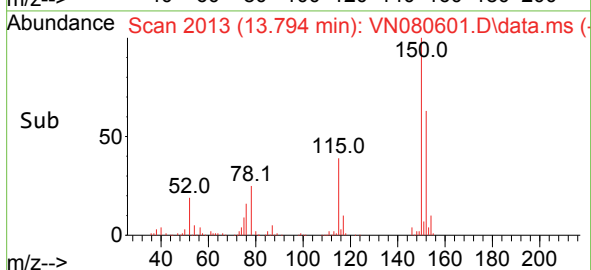
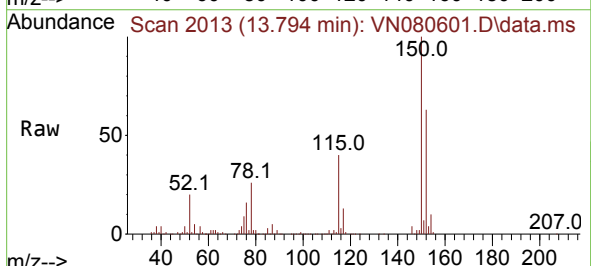
Tgt Ion:152 Resp: 292092

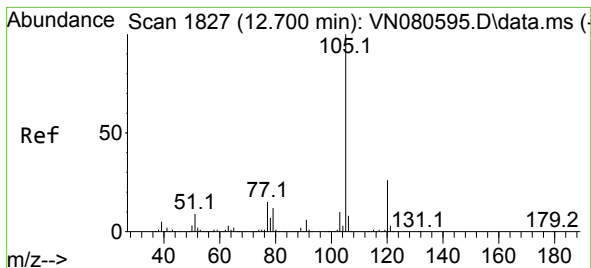
Ion Ratio Lower Upper

152 100

115 64.2 32.3 96.8

150 161.4 0.0 355.8





#73

Isopropylbenzene

Concen: 10.134 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

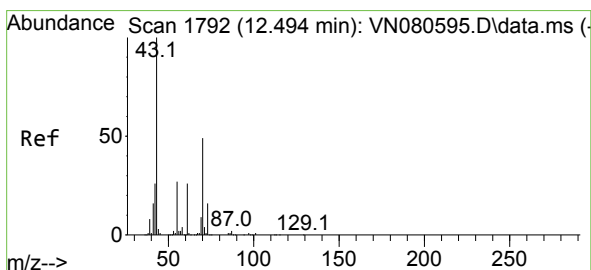
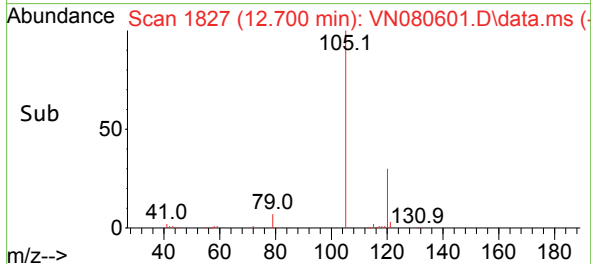
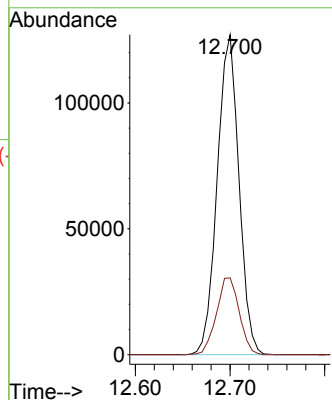
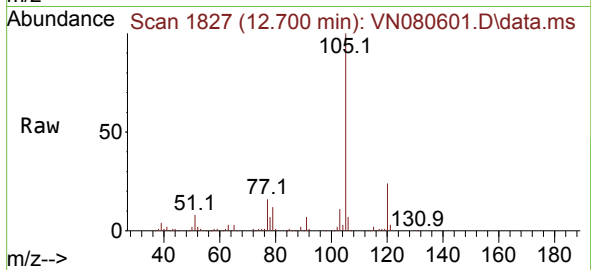
VSTDIC010

Tgt Ion:105 Resp: 202594

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 9.877 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Tgt Ion: 43 Resp: 69663

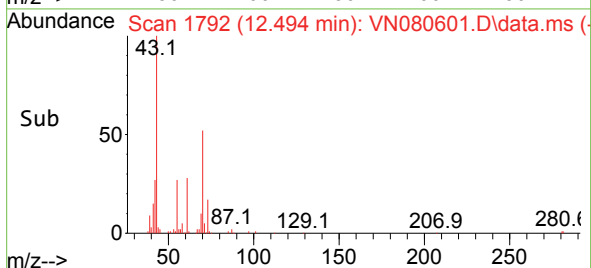
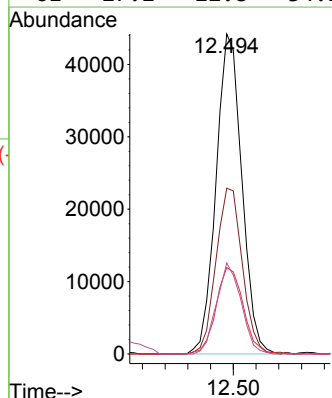
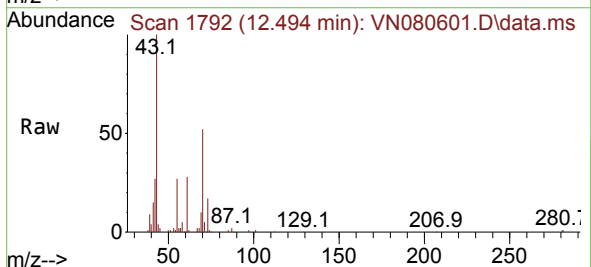
Ion Ratio Lower Upper

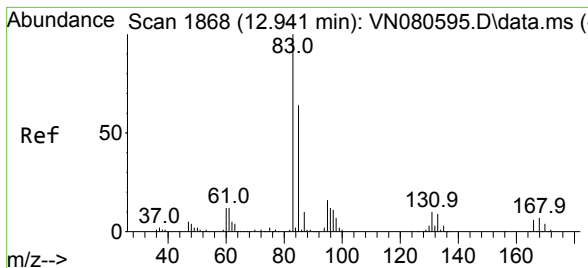
43 100

70 53.1 43.4 65.2

55 28.6 21.4 32.0

61 27.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 9.909 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

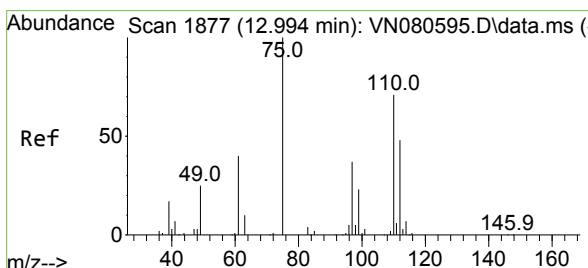
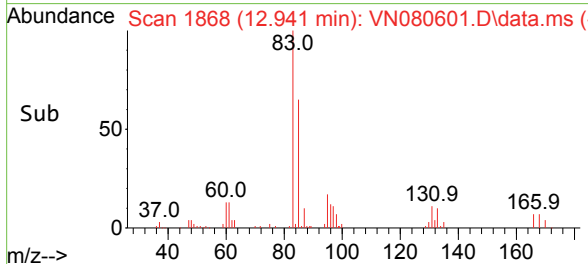
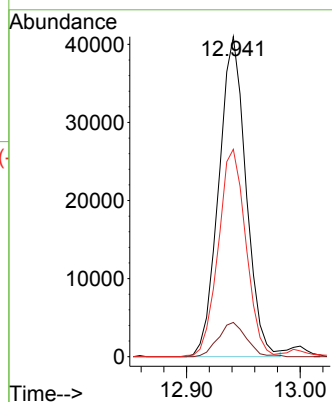
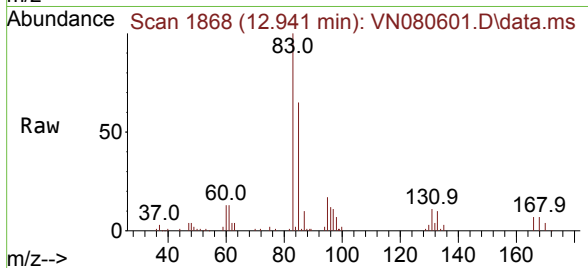
Tgt Ion: 83 Resp: 68365

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

85 65.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 14.176 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080601.D

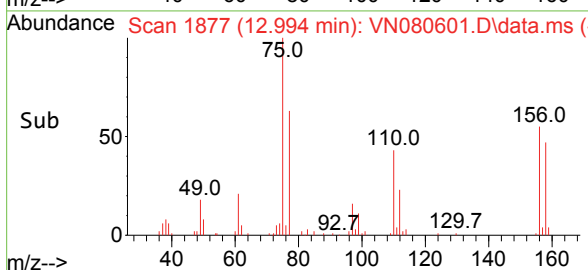
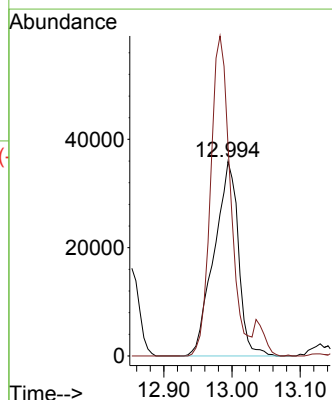
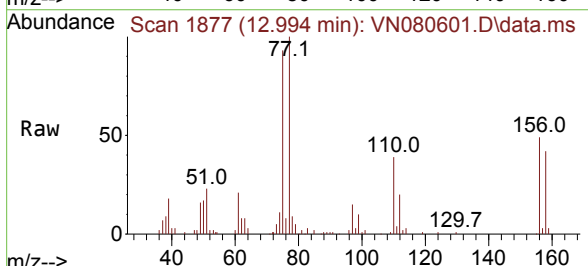
Acq: 27 Dec 2023 14:59

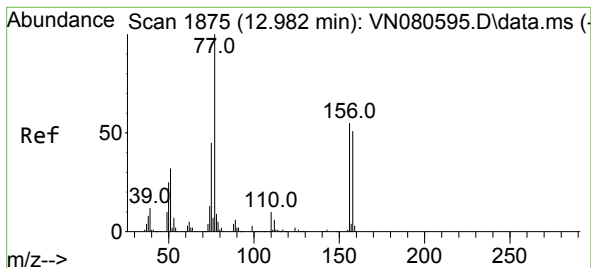
Tgt Ion: 75 Resp: 89057

Ion Ratio Lower Upper

75 100

77 134.6 84.5 253.5





#77

Bromobenzene

Concen: 10.098 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

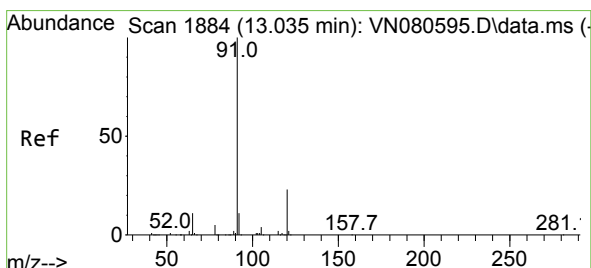
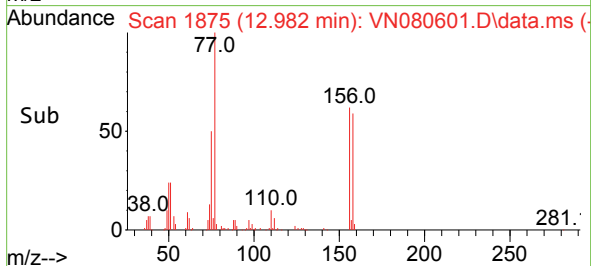
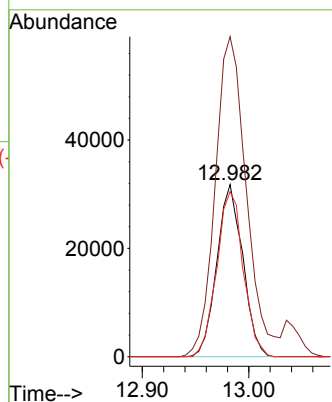
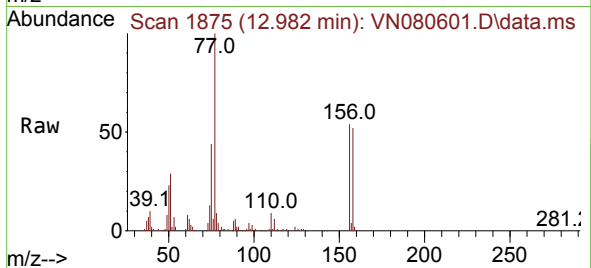
Tgt Ion:156 Resp: 53618

Ion Ratio Lower Upper

156 100

77 223.6 107.7 323.3

158 98.4 48.4 145.3



#78

n-propylbenzene

Concen: 10.064 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080601.D

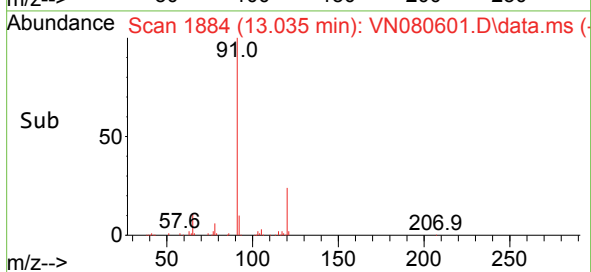
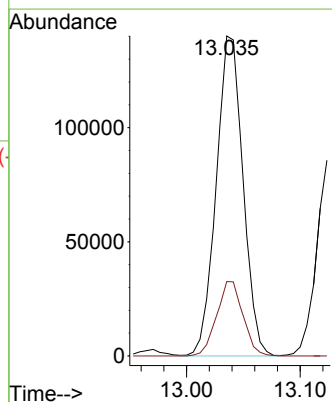
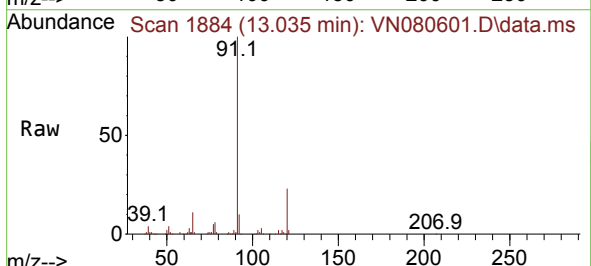
Acq: 27 Dec 2023 14:59

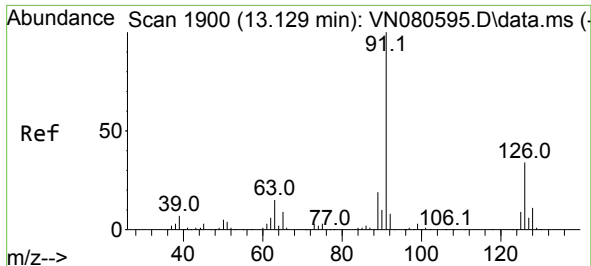
Tgt Ion: 91 Resp: 230083

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

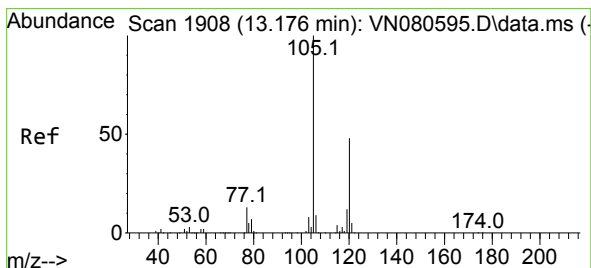
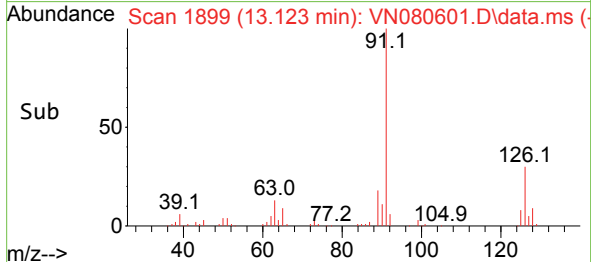
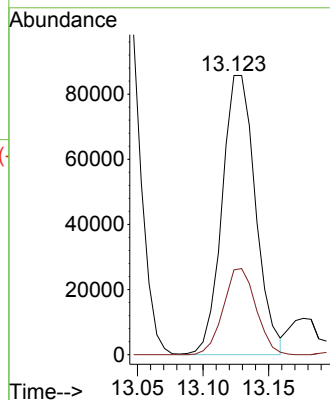
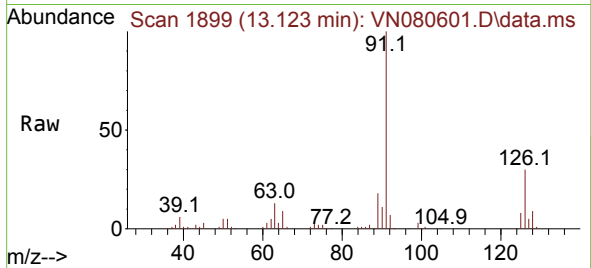




#79
2-Chlorotoluene
Concen: 10.197 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

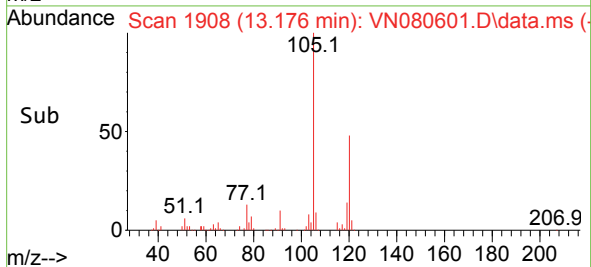
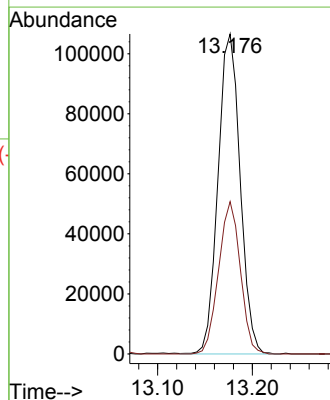
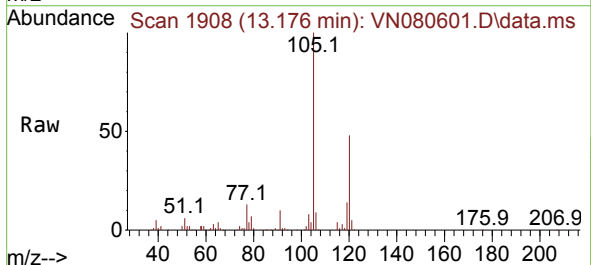
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

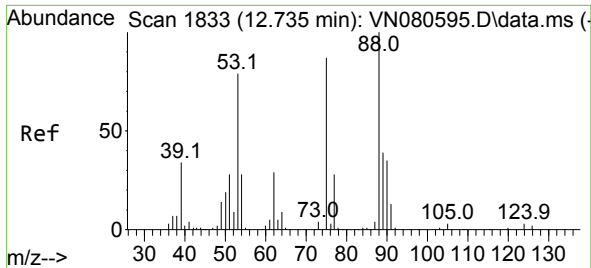
Tgt Ion: 91 Resp: 152194
Ion Ratio Lower Upper
91 100
126 30.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 10.256 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 105 Resp: 173128
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3

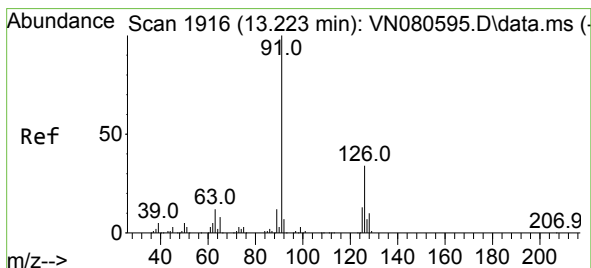
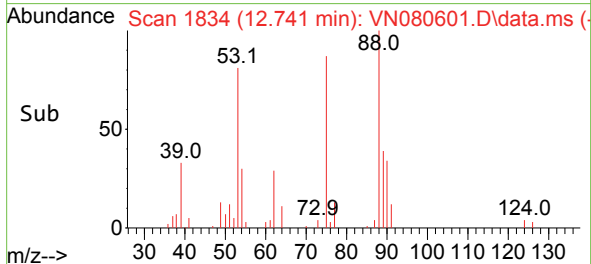
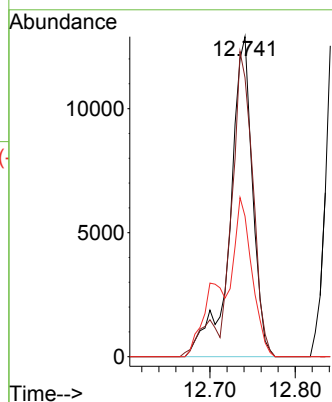
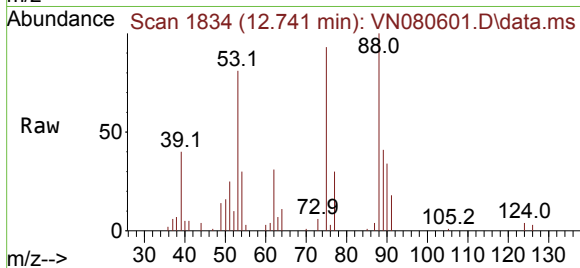




#81
trans-1,4-Dichloro-2-butene
Concen: 10.178 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

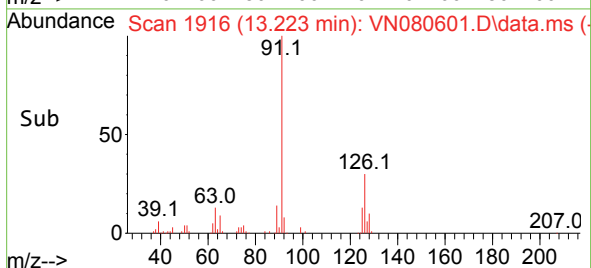
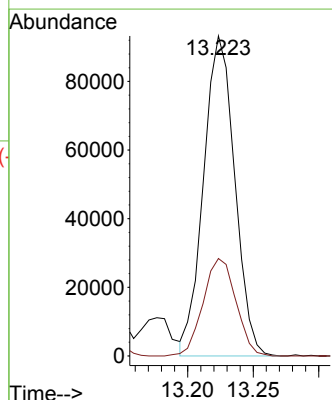
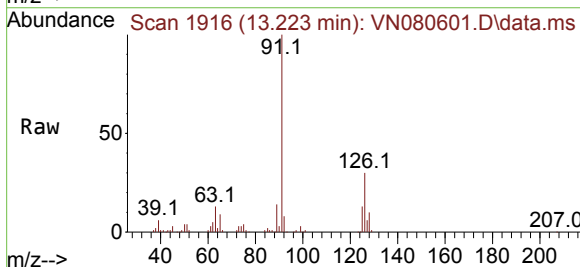
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

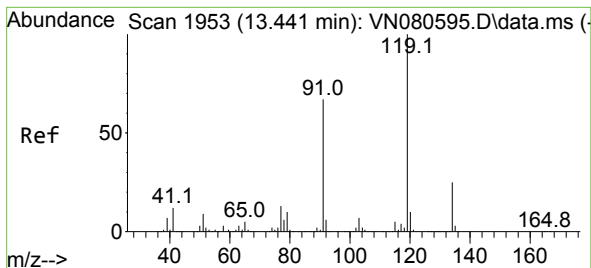
Tgt Ion: 75 Resp: 23605
Ion Ratio Lower Upper
75 100
53 86.0 67.4 101.2
89 41.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 10.111 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion: 91 Resp: 154332
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 9.827 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

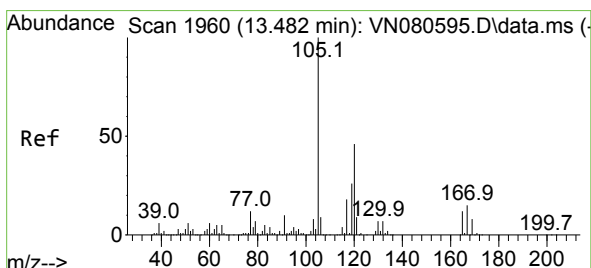
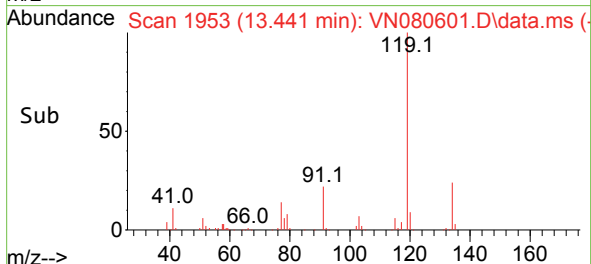
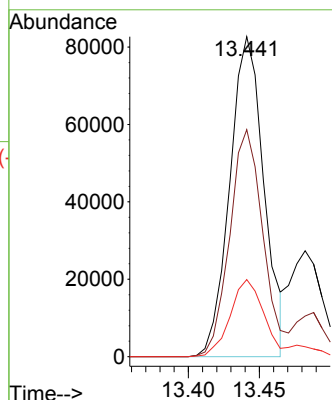
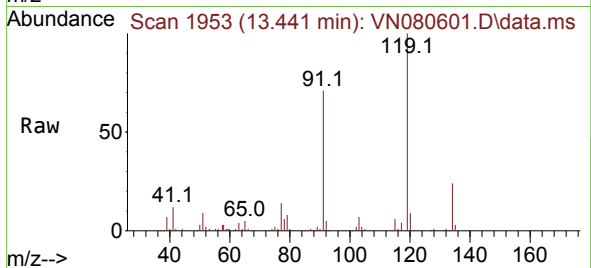
Tgt Ion:119 Resp: 138645

Ion Ratio Lower Upper

119 100

91 69.6 33.9 101.7

134 24.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 10.081 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080601.D

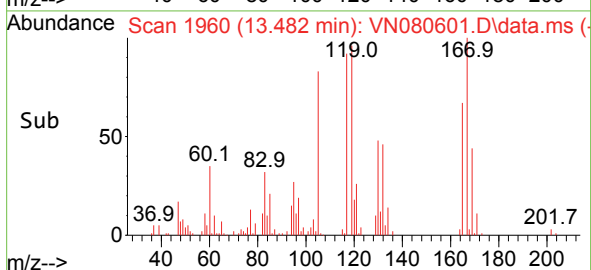
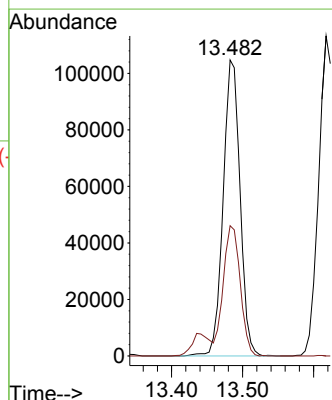
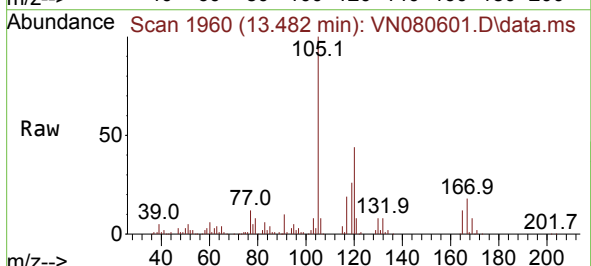
Acq: 27 Dec 2023 14:59

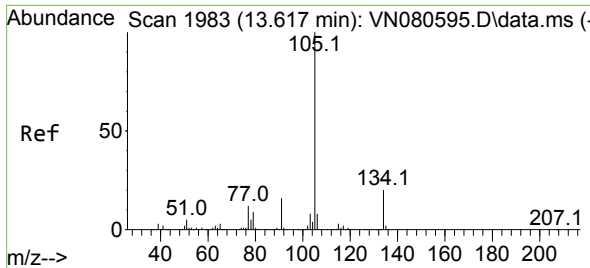
Tgt Ion:105 Resp: 172306

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0

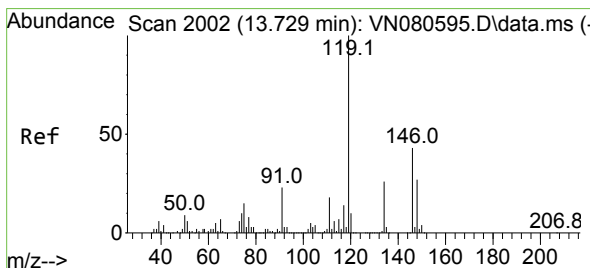
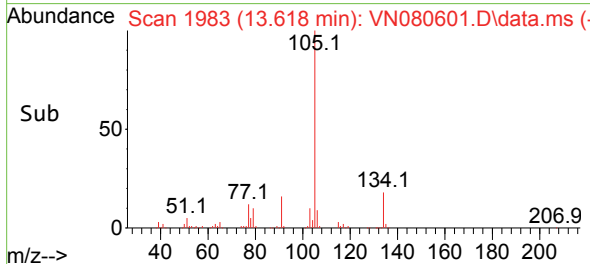
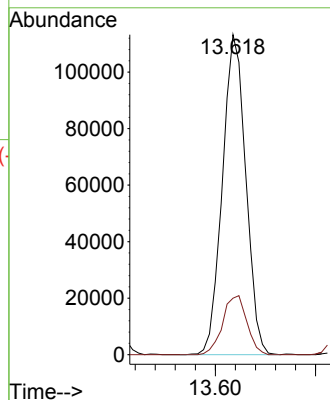
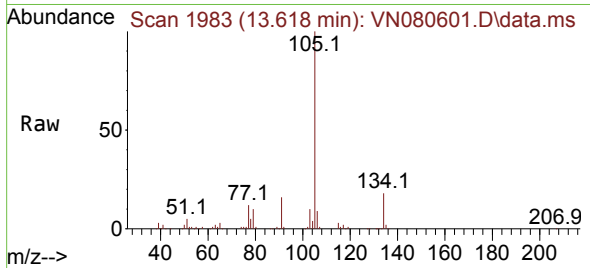




#85
 sec-Butylbenzene
 Concen: 9.811 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

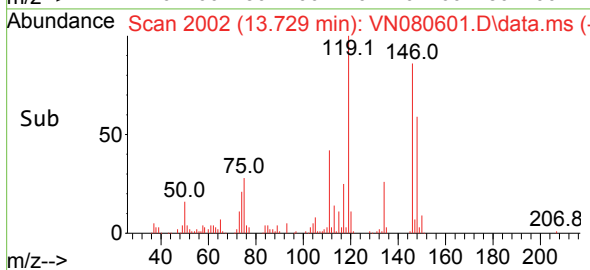
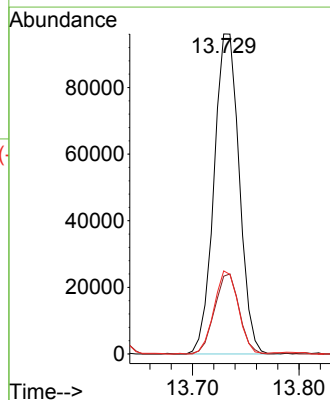
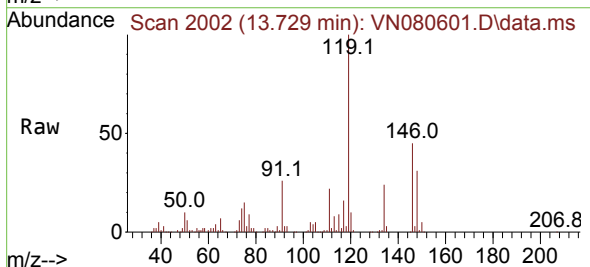
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

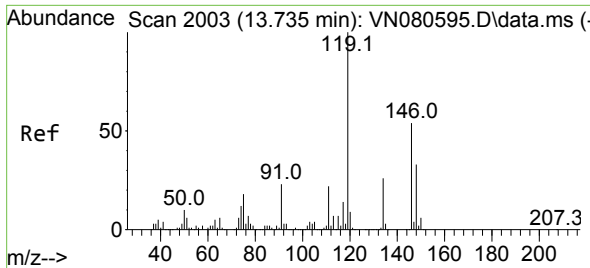
Tgt Ion:105 Resp: 183177
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 9.695 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion:119 Resp: 157892
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 25.0 12.4 37.2

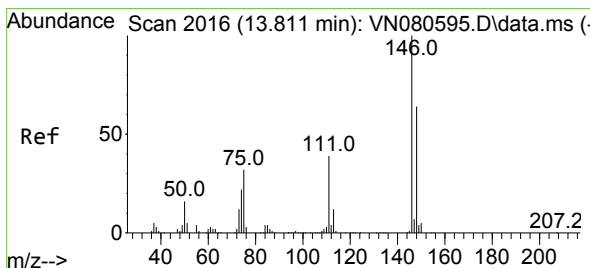
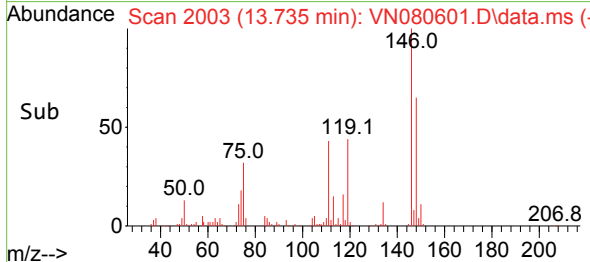
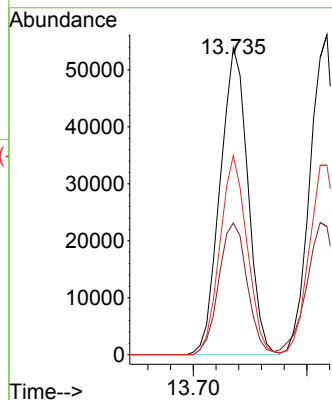
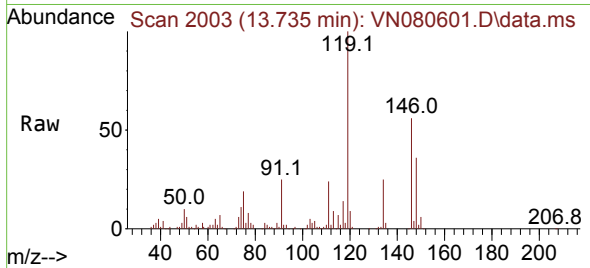




#87
 1,3-Dichlorobenzene
 Concen: 9.551 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

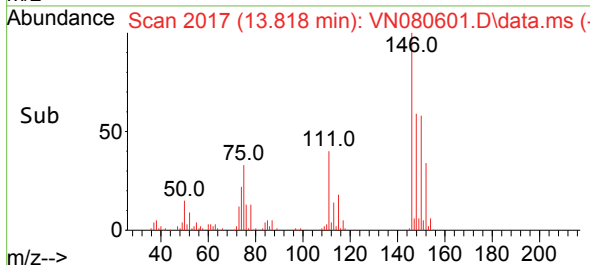
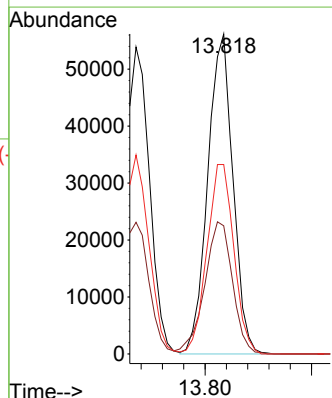
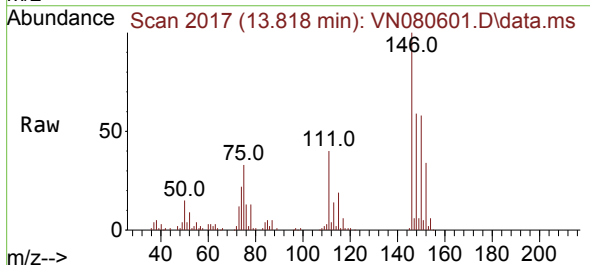
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

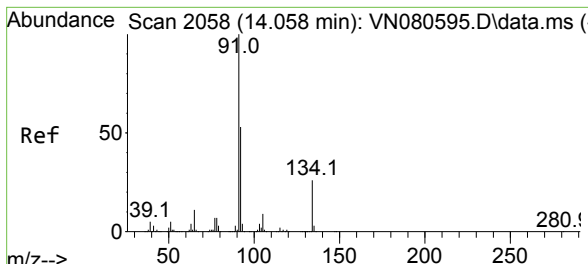
Tgt Ion:146 Resp: 91395
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.3
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 9.597 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion:146 Resp: 92318
 Ion Ratio Lower Upper
 146 100
 111 45.8 20.6 61.8
 148 63.2 31.6 94.8

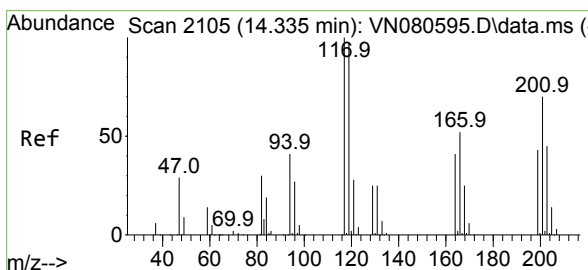
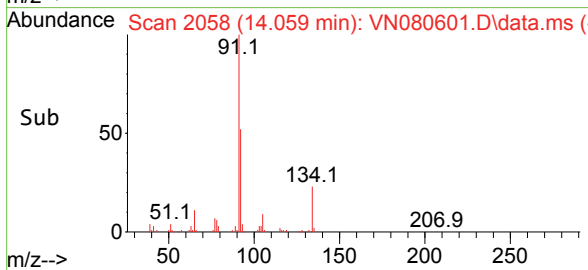
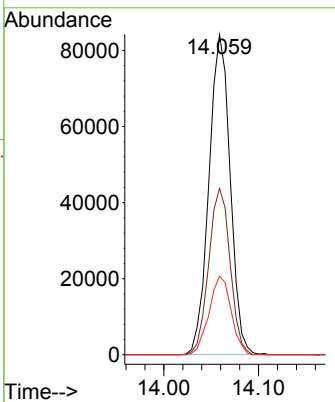
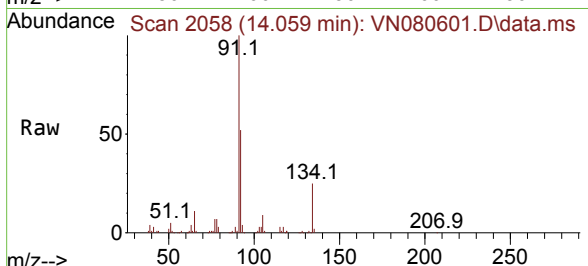




#89
 n-Butylbenzene
 Concen: 9.394 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

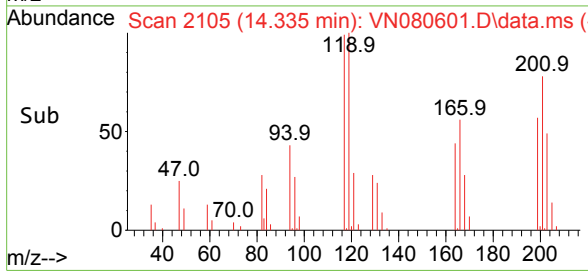
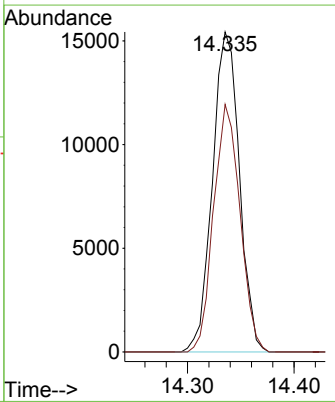
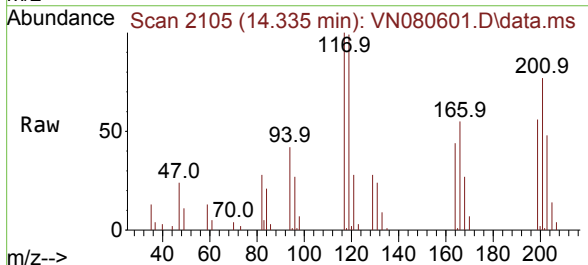
Instrument : MSVOA_N
 ClientSampleId : VSTDIC010

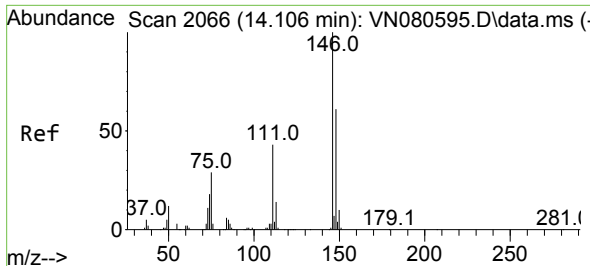
Tgt Ion:	91	Resp:	131081
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	25.5	12.6	37.6



#90
 Hexachloroethane
 Concen: 9.288 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion:	117	Resp:	27069
Ion	Ratio	Lower	Upper
117	100		
201	75.9	29.3	88.0

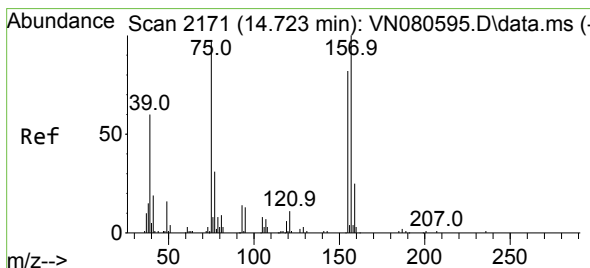
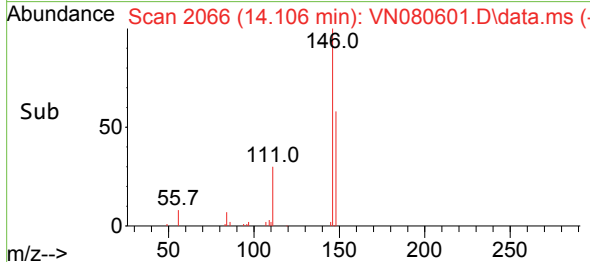
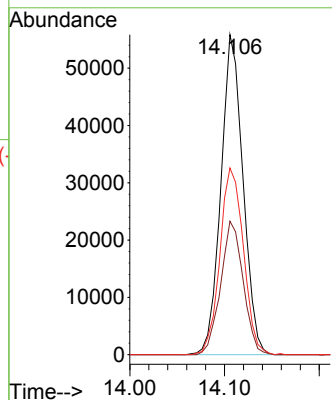
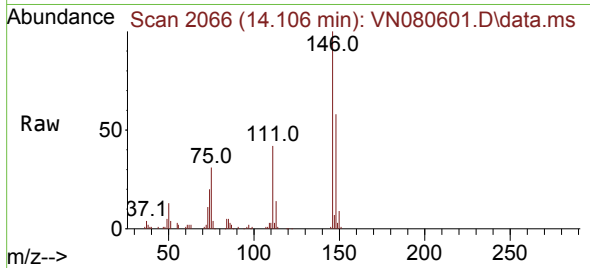




#91
 1,2-Dichlorobenzene
 Concen: 9.805 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

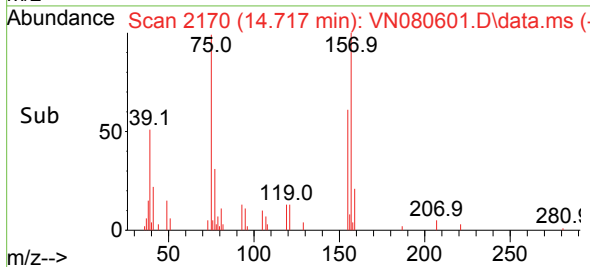
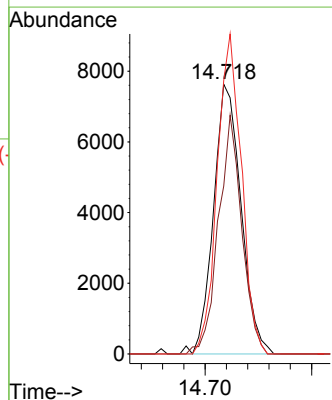
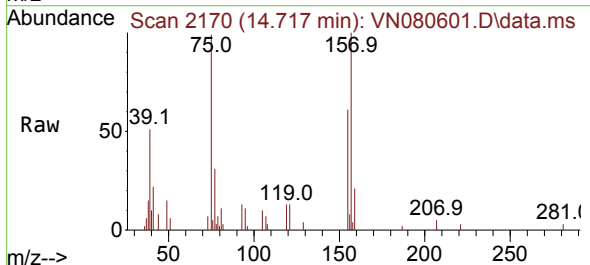
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

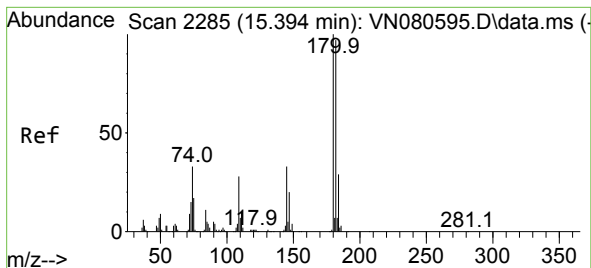
Tgt Ion:146 Resp: 90563
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 62.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.611 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN080601.D
 Acq: 27 Dec 2023 14:59

Tgt Ion: 75 Resp: 13686
 Ion Ratio Lower Upper
 75 100
 155 75.3 39.1 117.2
 157 104.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 9.491 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

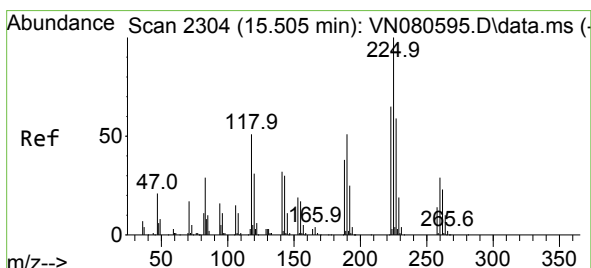
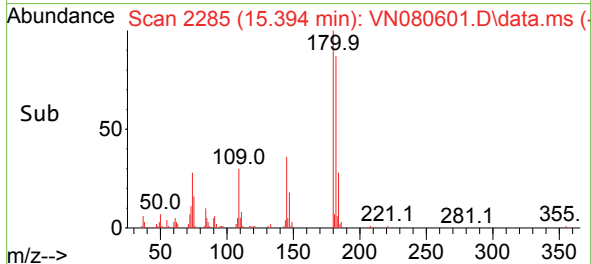
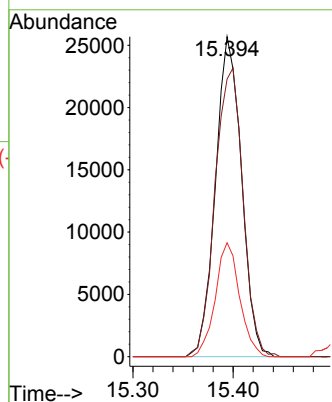
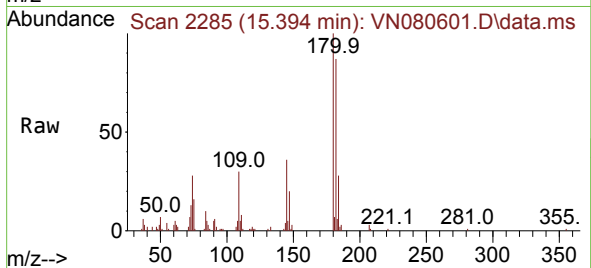
Tgt Ion:180 Resp: 46253

Ion Ratio Lower Upper

180 100

182 96.8 46.1 138.2

145 33.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 9.585 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080601.D

Acq: 27 Dec 2023 14:59

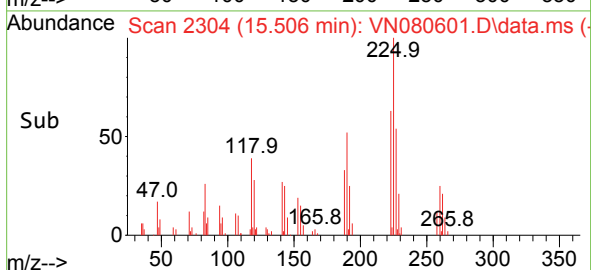
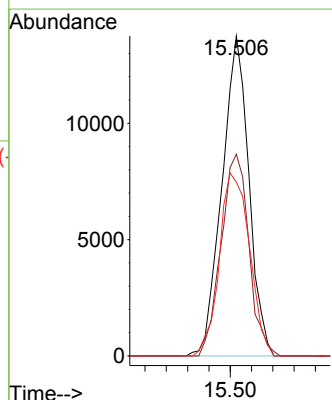
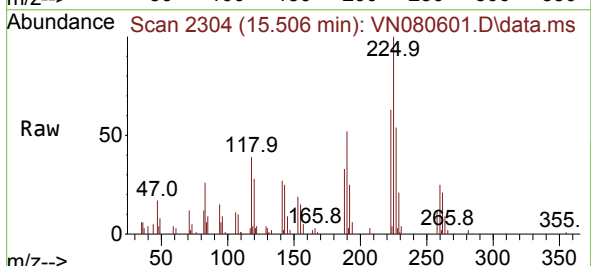
Tgt Ion:225 Resp: 24104

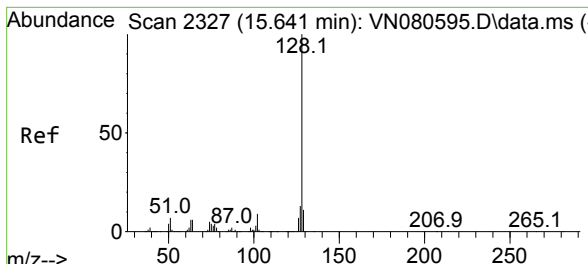
Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

227 64.2 31.9 95.9

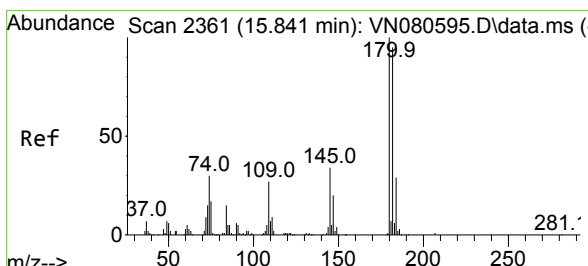
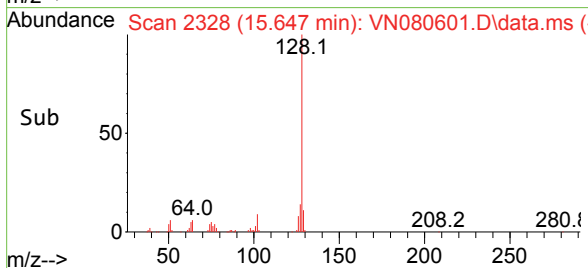
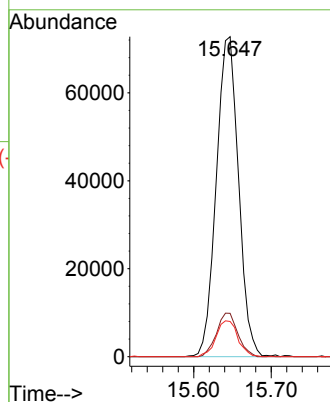
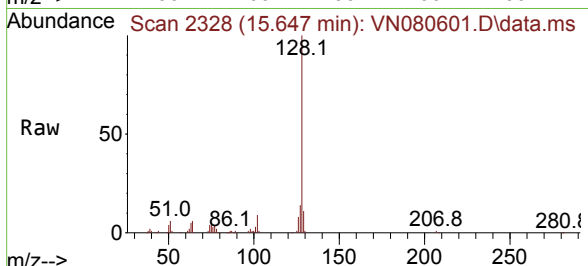




#95
Naphthalene
Concen: 9.557 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	144951
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.170 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080601.D
Acq: 27 Dec 2023 14:59

Tgt Ion:	180	Resp:	45177
Ion Ratio	Lower	Upper	
180	100		
182	98.6	46.2	138.6
145	35.4	17.5	52.6

