

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080600.D
 Acq On : 27 Dec 2023 14:10
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 02:29:34 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	478868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	775381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	605188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	261835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	28256	4.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	9.200%#
35) Dibromofluoromethane	8.159	113	27948	5.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.140%#
50) Toluene-d8	10.565	98	99591	5.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	11.380%#
62) 4-Bromofluorobenzene	12.847	95	28686	4.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28145	5.291	ug/l	94
3) Chloromethane	2.360	50	51202	7.424	ug/l	95
4) Vinyl Chloride	2.512	62	32129	5.428	ug/l #	79
5) Bromomethane	2.942	94	12255	5.448	ug/l	92
6) Chloroethane	3.118	64	22042	5.964	ug/l	94
7) Trichlorofluoromethane	3.489	101	43039	5.092	ug/l	91
8) Diethyl Ether	3.954	74	14524	5.004	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	23340	5.058	ug/l	94
10) Methyl Iodide	4.589	142	12100	3.796	ug/l #	82
11) Tert butyl alcohol	5.512	59	22063	26.698	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	22366	5.054	ug/l	89
13) Acrolein	4.177	56	24166	25.864	ug/l	97
14) Allyl chloride	5.024	41	32737	4.872	ug/l	94
15) Acrylonitrile	5.718	53	54036	22.926	ug/l #	88
16) Acetone	4.430	43	41264	24.713	ug/l	94
17) Carbon Disulfide	4.701	76	62678	5.266	ug/l	96
18) Methyl Acetate	5.018	43	40425	4.367	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	68897	4.324	ug/l	93
20) Methylene Chloride	5.277	84	27178	5.101	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	22878	4.278	ug/l	88
22) Diisopropyl ether	6.677	45	78550	5.263	ug/l #	88
23) Vinyl Acetate	6.600	43	211697	25.242	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	53249	5.323	ug/l	97
25) 2-Butanone	7.489	43	61000	19.546	ug/l	90
26) 2,2-Dichloropropane	7.494	77	37351	4.289	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	24926	3.919	ug/l	89
28) Bromochloromethane	7.812	49	18861	4.055	ug/l #	91
29) Tetrahydrofuran	7.842	42	41879	20.576	ug/l #	83
30) Chloroform	7.965	83	52262	5.204	ug/l	92
31) Cyclohexane	8.247	56	49957	6.011	ug/l #	93
32) 1,1,1-Trichloroethane	8.165	97	47265	5.219	ug/l	94
36) 1,1-Dichloropropene	8.371	75	39581	5.128	ug/l	97
37) Ethyl Acetate	7.565	43	24585	4.222	ug/l	96
38) Carbon Tetrachloride	8.359	117	42776	5.418	ug/l	97
39) Methylcyclohexane	9.600	83	33243	5.251	ug/l	90
40) Benzene	8.606	78	120750	5.697	ug/l	99

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 ClientSampleId :
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Quant Time: Dec 28 02:29:34 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)
41) Methacrylonitrile	7.783	41	13805	3.892	ug/l	92
42) 1,2-Dichloroethane	8.671	62	41409	5.791	ug/l	97
43) Isopropyl Acetate	8.689	43	54314	5.754	ug/l	98
44) Trichloroethene	9.353	130	26236	4.554	ug/l	95
45) 1,2-Dichloropropane	9.624	63	30079	5.734	ug/l	98
46) Dibromomethane	9.718	93	20189	5.721	ug/l	90
47) Bromodichloromethane	9.888	83	35069	4.741	ug/l	95
48) Methyl methacrylate	9.683	41	30247	5.771	ug/l #	81
49) 1,4-Dioxane	9.694	88	9231	110.192	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	158497	29.522	ug/l	96
52) Toluene	10.635	92	73689	6.005	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	38563	5.171	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	41993	5.031	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	25890	5.319	ug/l	94
56) Ethyl methacrylate	10.871	69	23272	4.881	ug/l #	62
57) 1,3-Dichloropropane	11.165	76	43422	5.265	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	84580	25.120	ug/l	95
59) 2-Hexanone	11.200	43	113453	28.038	ug/l	91
60) Dibromochloromethane	11.359	129	27878	5.143	ug/l	100
61) 1,2-Dibromoethane	11.471	107	25546	5.205	ug/l	99
64) Tetrachloroethene	11.106	164	22877	5.657	ug/l	94
65) Chlorobenzene	11.894	112	68687	5.456	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	25202	5.204	ug/l	97
67) Ethyl Benzene	11.965	91	108964	5.177	ug/l	95
68) m/p-Xylenes	12.071	106	79787	10.216	ug/l	95
69) o-Xylene	12.400	106	39176	5.108	ug/l	96
70) Styrene	12.412	104	53473	4.794	ug/l	95
71) Bromoform	12.582	173	18763	5.477	ug/l #	98
73) Isopropylbenzene	12.700	105	95501	5.329	ug/l	100
74) N-amyl acetate	12.494	43	33375	5.279	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	35694	5.772	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44977	7.986	ug/l	70
77) Bromobenzene	12.982	156	25548	5.368	ug/l	96
78) n-propylbenzene	13.041	91	106293	5.187	ug/l	98
79) 2-Chlorotoluene	13.124	91	70365	5.259	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	75597	4.996	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	9859	4.742	ug/l #	48
82) 4-Chlorotoluene	13.224	91	71853	5.252	ug/l	99
83) tert-Butylbenzene	13.441	119	62560	4.947	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	77480	5.057	ug/l	100
85) sec-Butylbenzene	13.618	105	81600	4.876	ug/l	97
86) p-Isopropyltoluene	13.729	119	68813	4.973	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	44759	5.218	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	45163	5.238	ug/l	94
89) n-Butylbenzene	14.059	91	57413	4.590	ug/l	98
90) Hexachloroethane	14.335	117	14858	5.687	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	44838	5.416	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7607	5.960	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	21354	4.888	ug/l	97
94) Hexachlorobutadiene	15.506	225	10308	4.573	ug/l	99
95) Naphthalene	15.641	128	61967	4.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	20738	4.696	ug/l	99

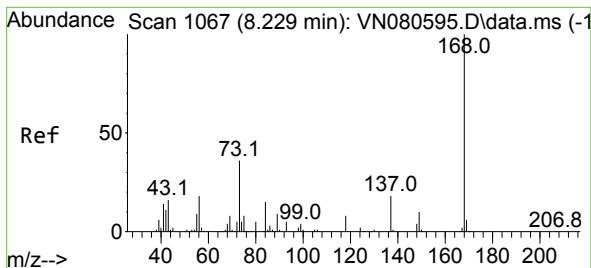
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Dec 28 01:54:24 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

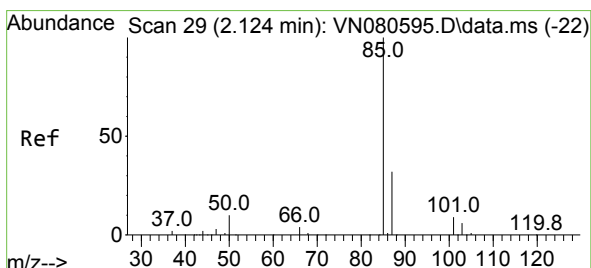
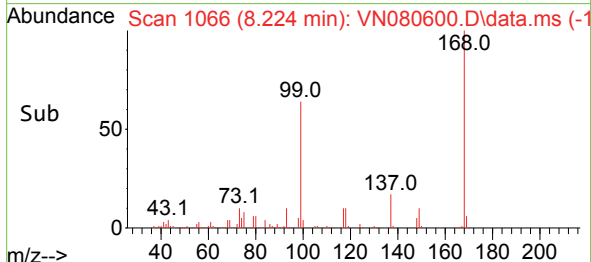
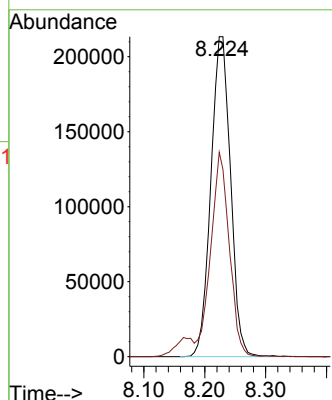
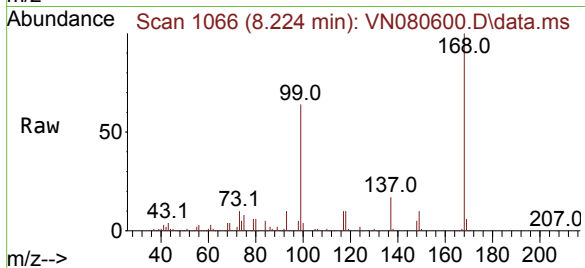
VSTDICC005

Tgt Ion:168 Resp: 478868

Ion Ratio Lower Upper

168 100

99 63.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 5.291 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080600.D

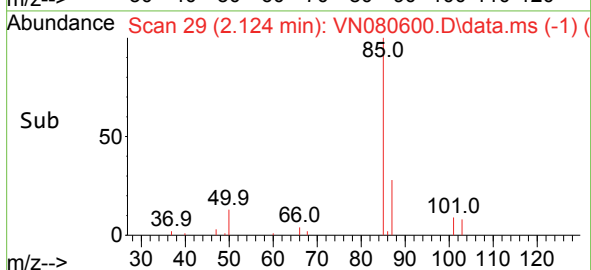
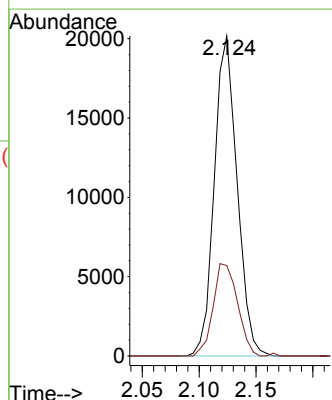
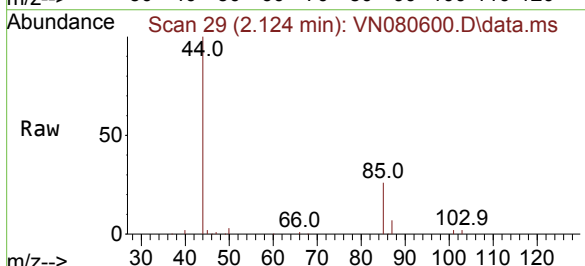
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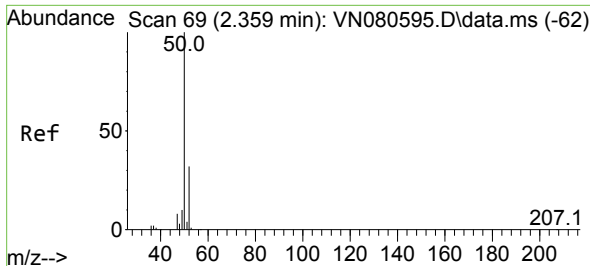
Tgt Ion: 85 Resp: 28145

Ion Ratio Lower Upper

85 100

87 28.2 15.8 47.4

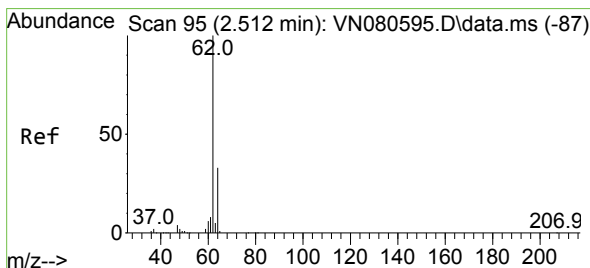
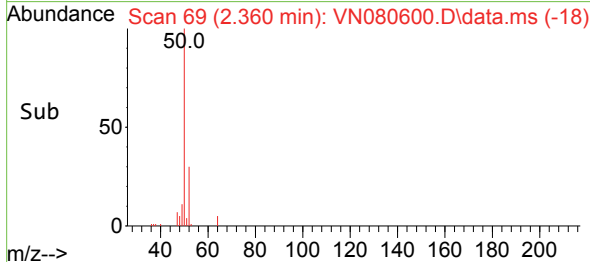
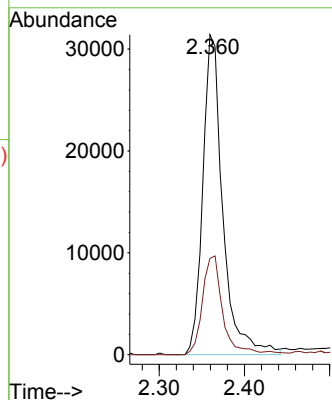
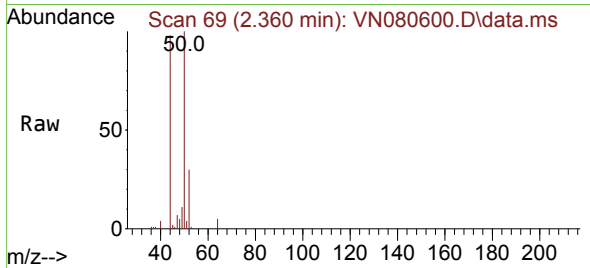




#3
Chloromethane
Concen: 7.424 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

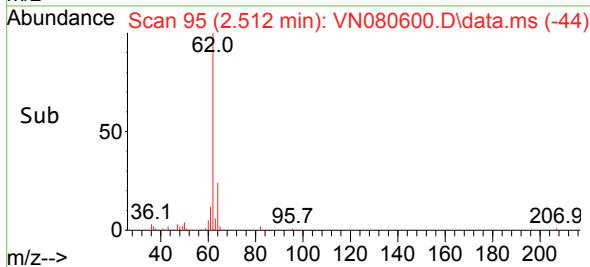
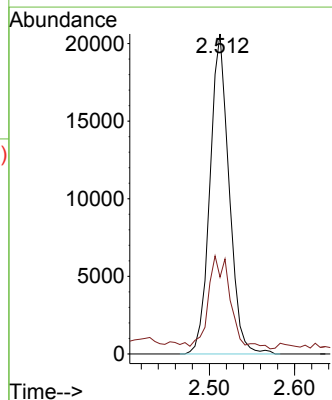
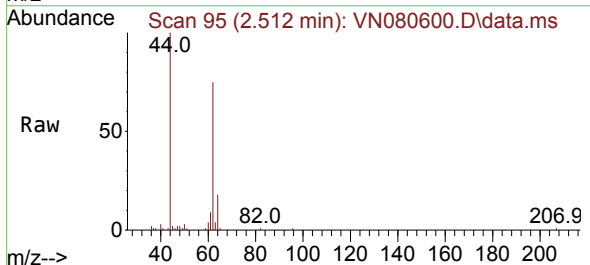
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

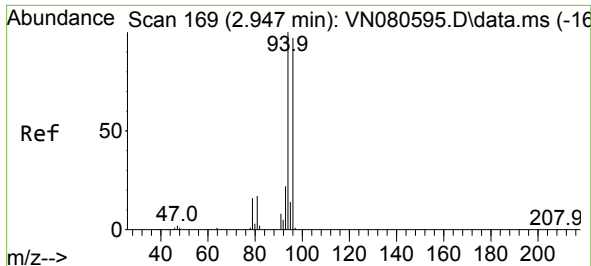
Tgt Ion: 50 Resp: 51202
Ion Ratio Lower Upper
50 100
52 30.1 26.5 39.7



#4
Vinyl Chloride
Concen: 5.428 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 62 Resp: 32129
Ion Ratio Lower Upper
62 100
64 21.1 26.2 39.2#

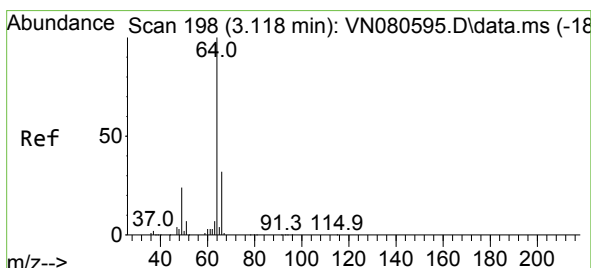
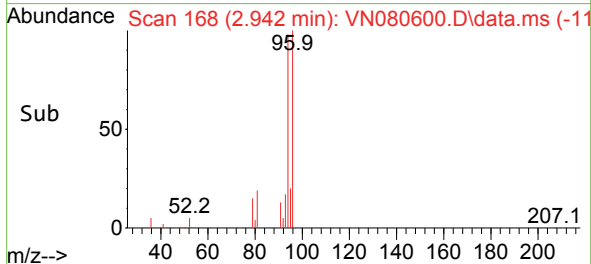
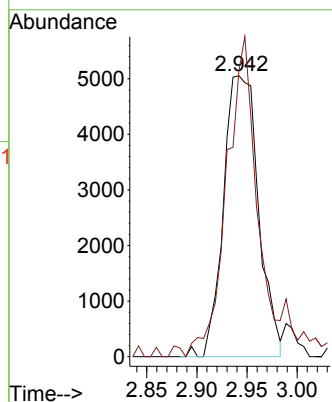
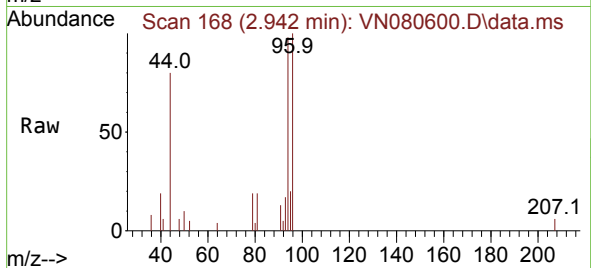




#5
Bromomethane
Concen: 5.448 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

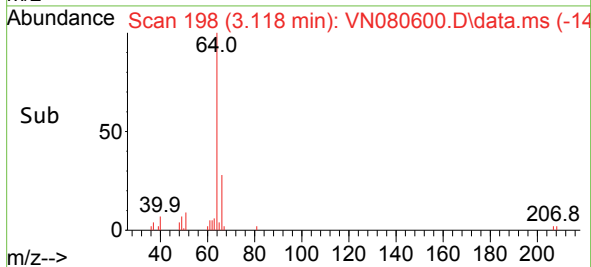
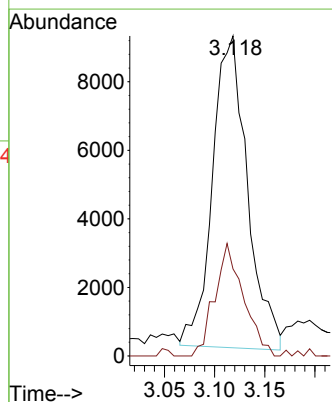
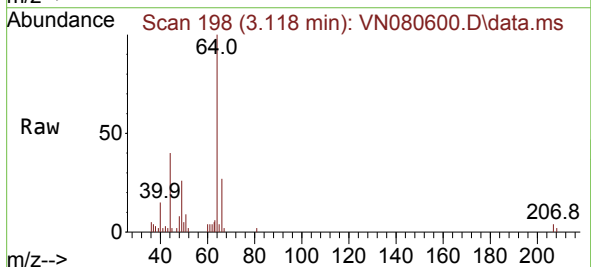
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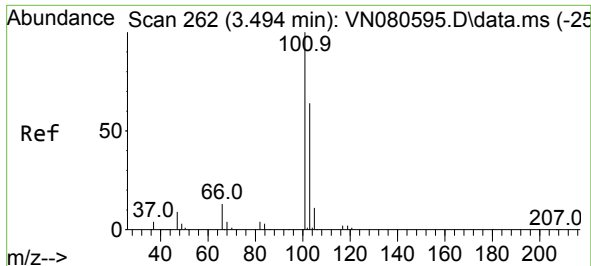
Tgt Ion: 94 Resp: 12255
Ion Ratio Lower Upper
94 100
96 98.7 73.1 109.7



#6
Chloroethane
Concen: 5.964 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 64 Resp: 22042
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2

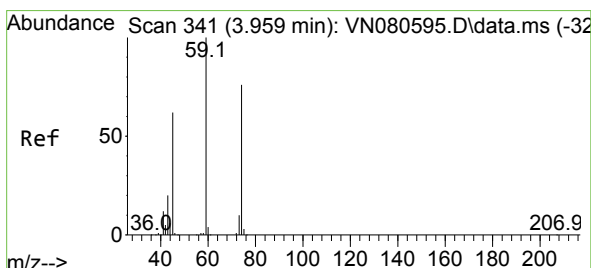
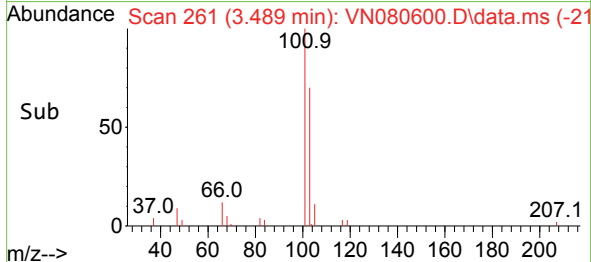
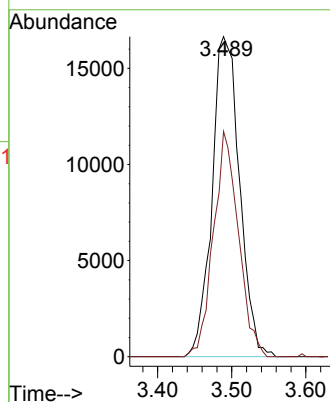
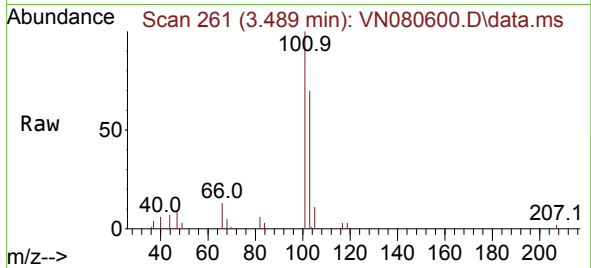




#7
Trichlorofluoromethane
Concen: 5.092 ug/l
RT: 3.489 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

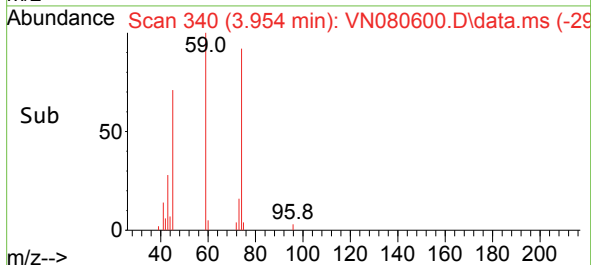
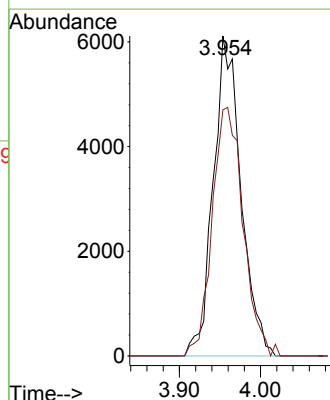
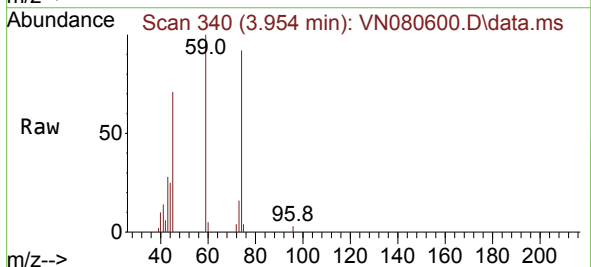
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VSTDIC005

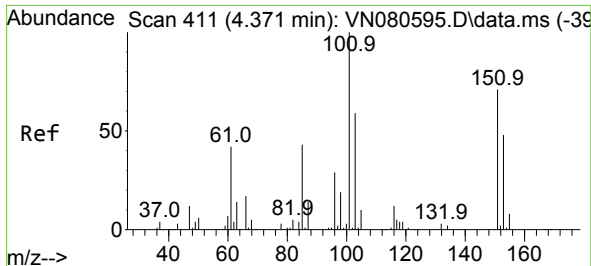
Tgt Ion:101 Resp: 43039
Ion Ratio Lower Upper
101 100
103 70.4 50.7 76.1



#8
Diethyl Ether
Concen: 5.004 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 74 Resp: 14524
Ion Ratio Lower Upper
74 100
45 86.3 34.4 103.3

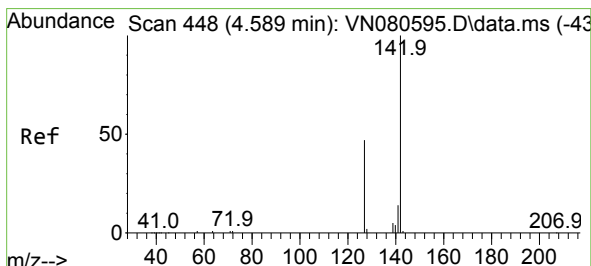
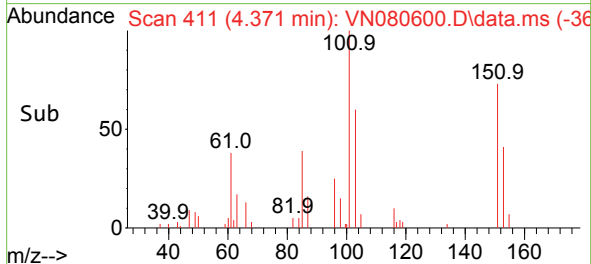
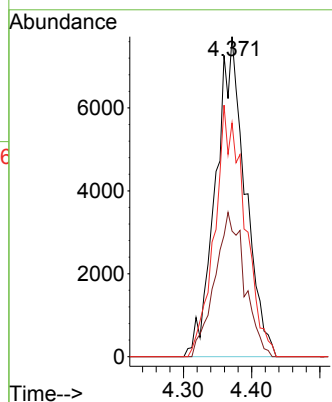
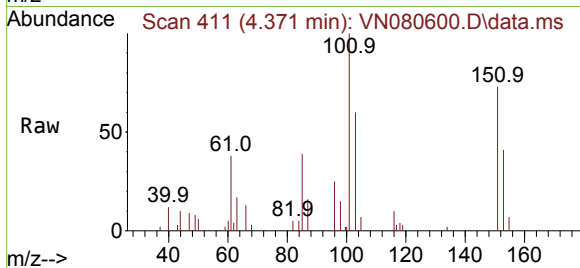




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.058 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080600.D
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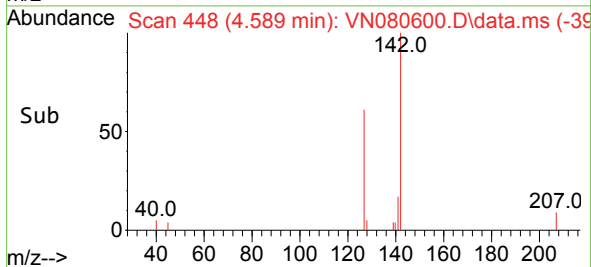
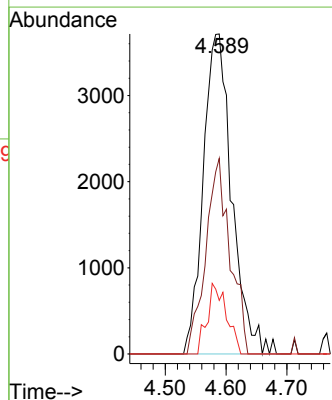
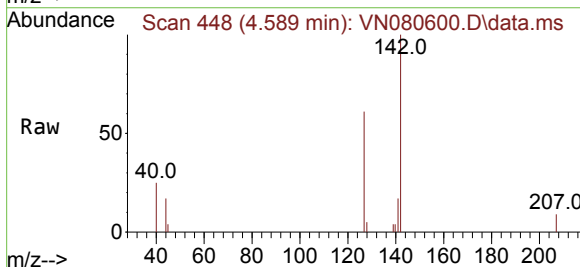
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

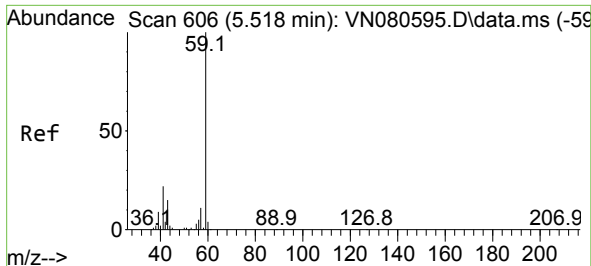
Tgt Ion:101 Resp: 23340
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 79.6 57.6 86.4



#10
Methyl Iodide
Concen: 3.796 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion:142 Resp: 12100
Ion Ratio Lower Upper
142 100
127 61.1 37.6 56.4#
141 16.7 11.4 17.0

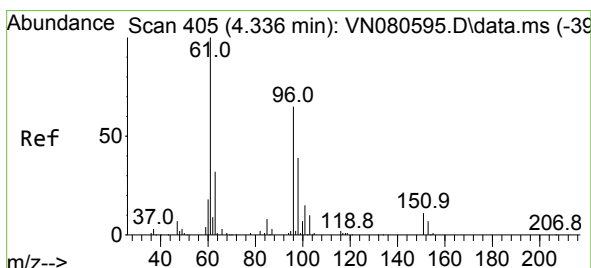
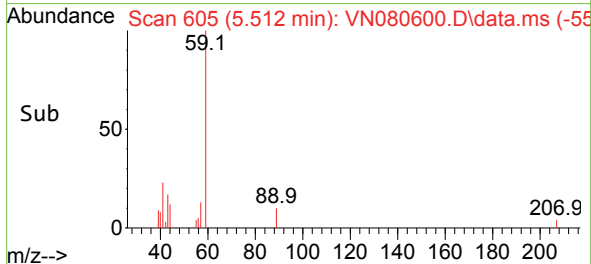
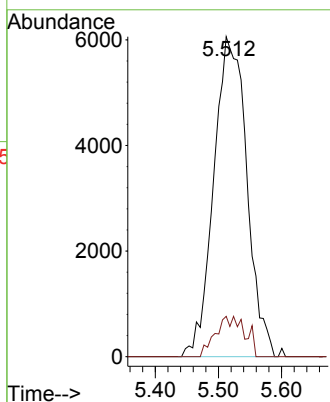
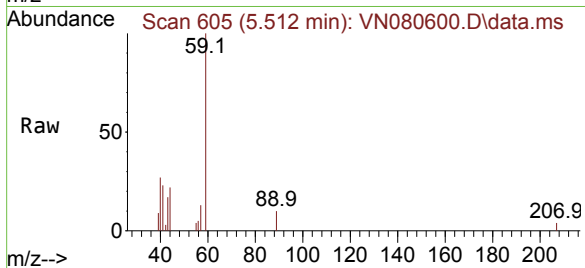




#11
Tert butyl alcohol
Concen: 26.698 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

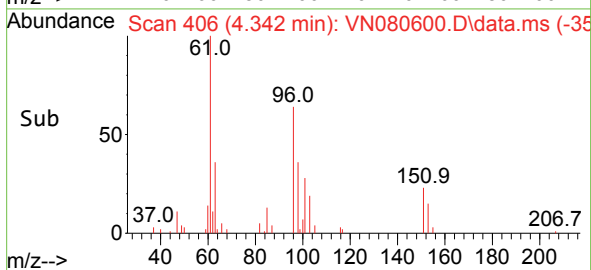
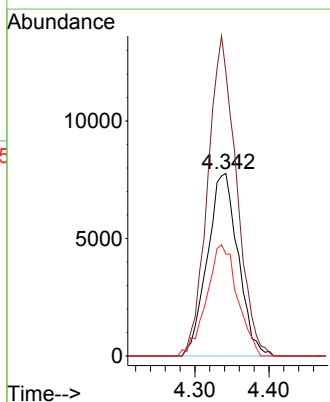
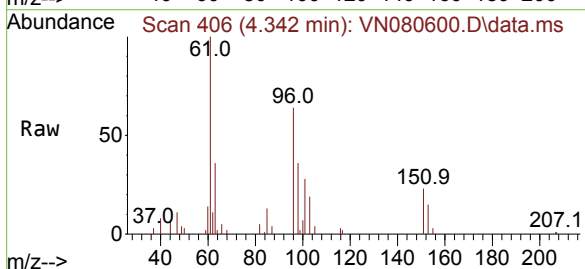
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

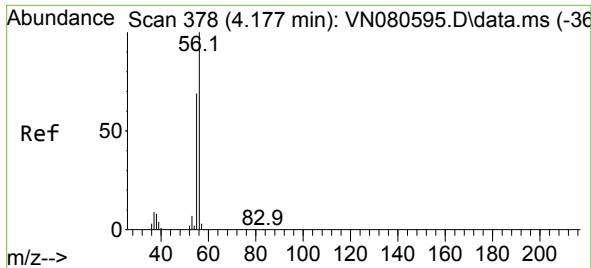
Tgt Ion: 59 Resp: 22063
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 5.054 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 96 Resp: 22366
Ion Ratio Lower Upper
96 100
61 155.4 112.7 169.1
98 55.8 51.2 76.8

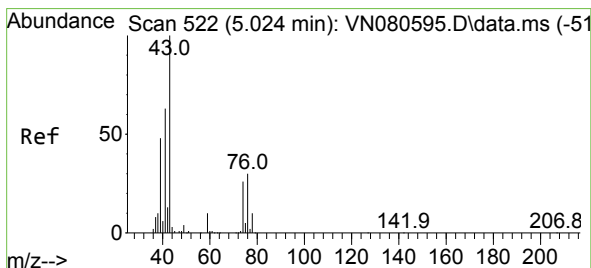
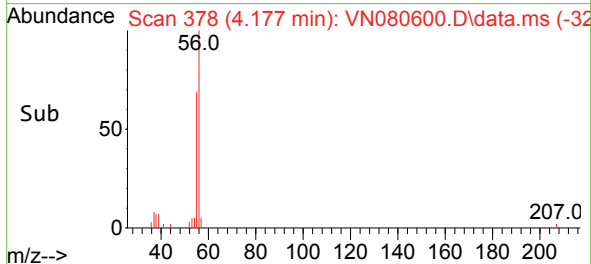
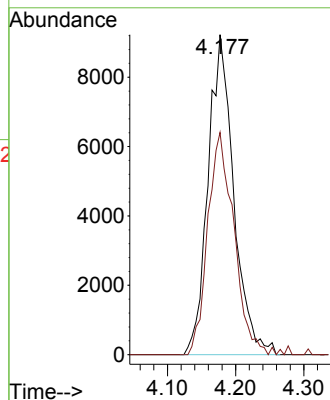
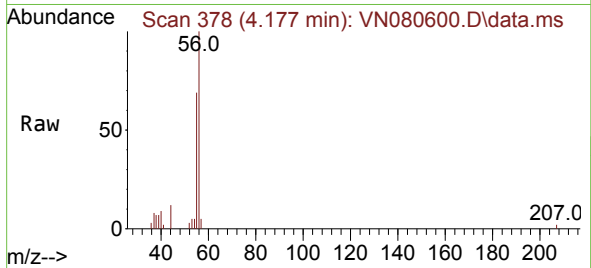




#13
Acrolein
Concen: 25.864 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

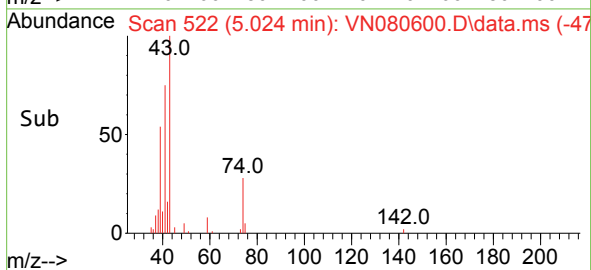
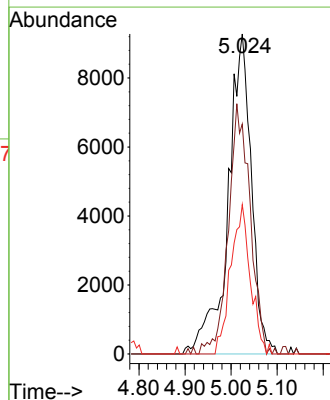
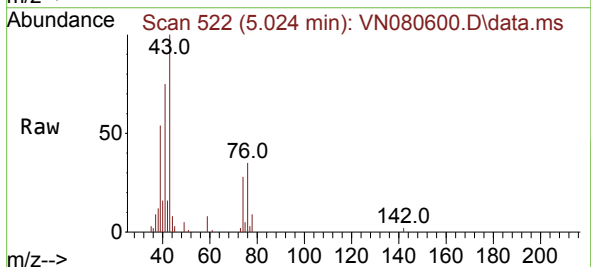
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

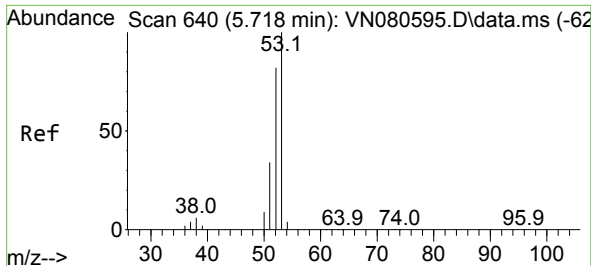
Tgt Ion: 56 Resp: 24166
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Allyl chloride
Concen: 4.872 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 41 Resp: 32737
Ion Ratio Lower Upper
41 100
39 72.7 58.8 88.2
76 39.2 39.1 58.7

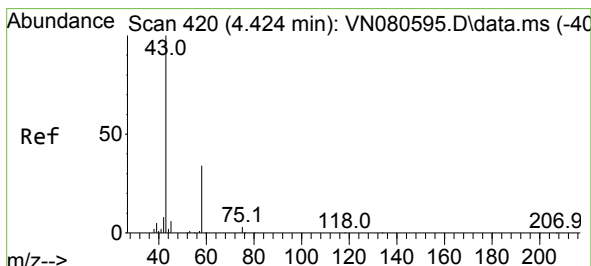
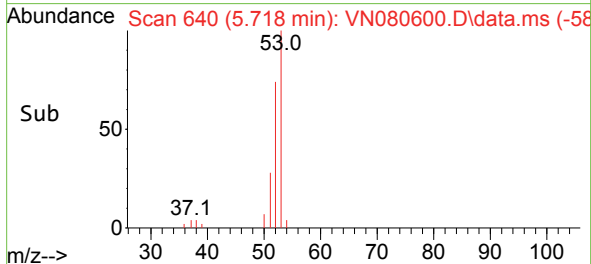
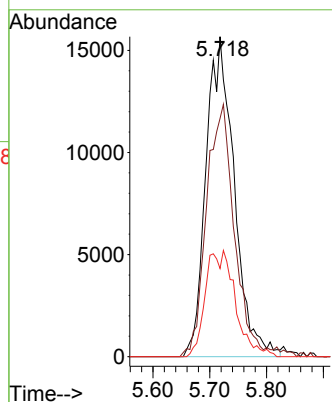
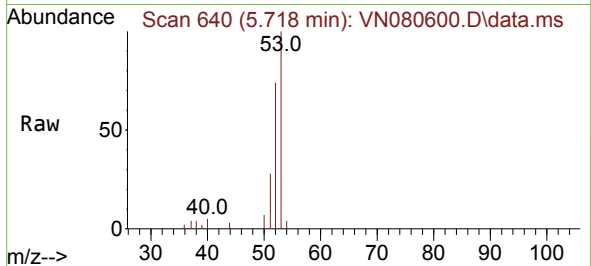




#15
Acrylonitrile
Concen: 22.926 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

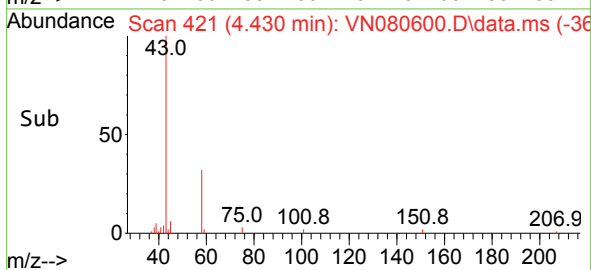
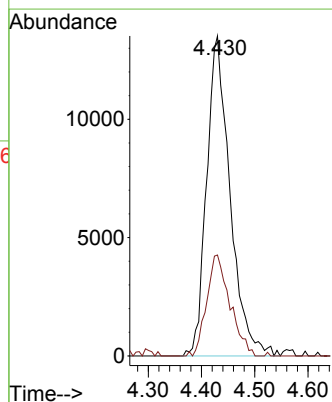
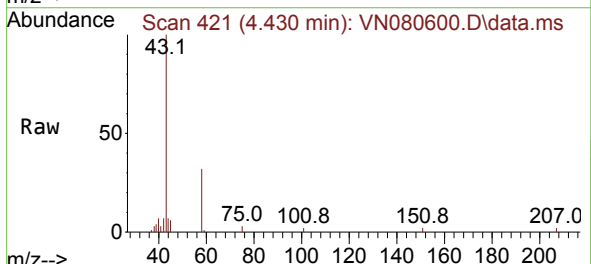
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

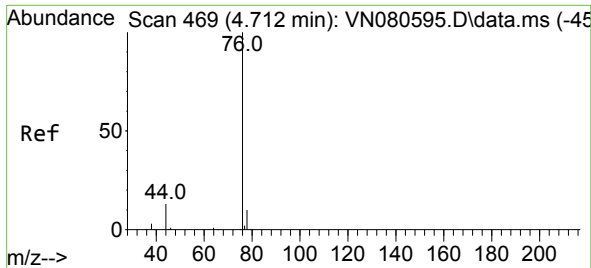
Tgt Ion: 53 Resp: 54036
Ion Ratio Lower Upper
53 100
52 78.0 65.3 97.9
51 18.1 28.9 43.3#



#16
Acetone
Concen: 24.713 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 43 Resp: 41264
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

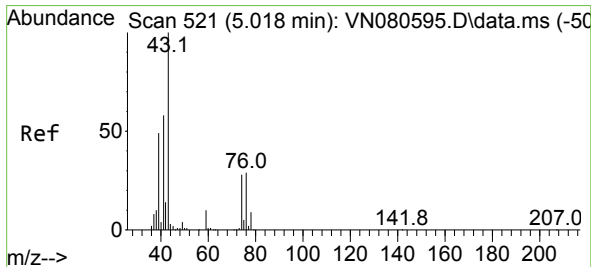
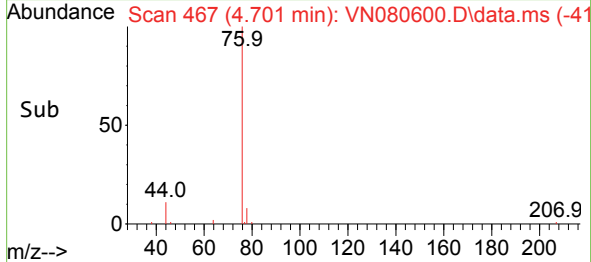
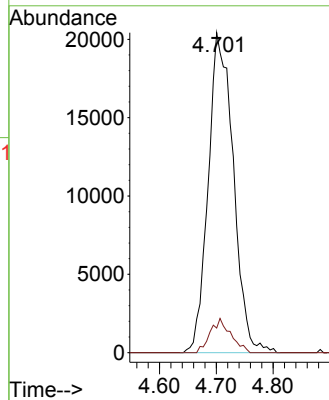
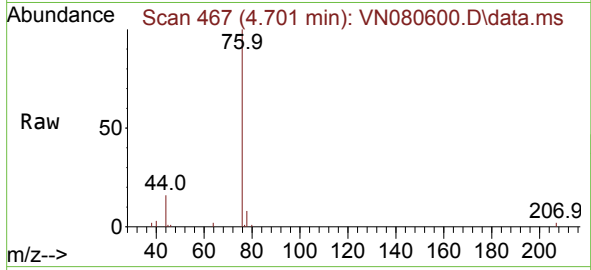




#17
Carbon Disulfide
Concen: 5.266 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.011 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

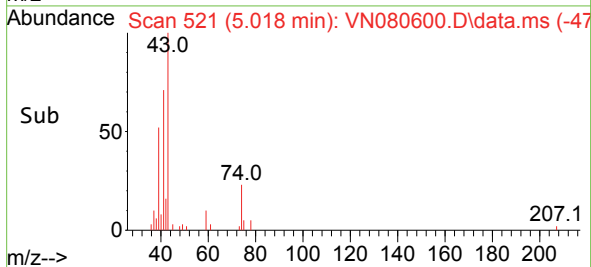
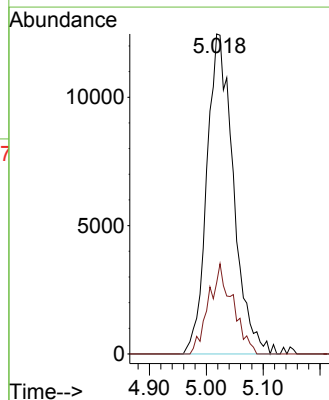
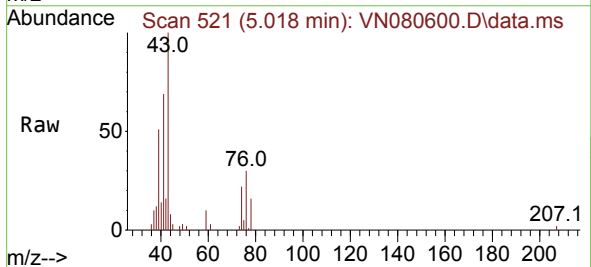
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

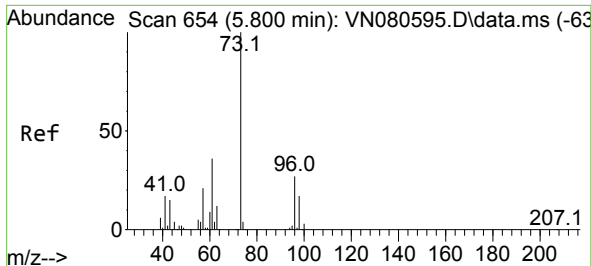
Tgt Ion: 76 Resp: 62678
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 4.367 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 43 Resp: 40425
Ion Ratio Lower Upper
43 100
74 25.7 26.2 39.4#

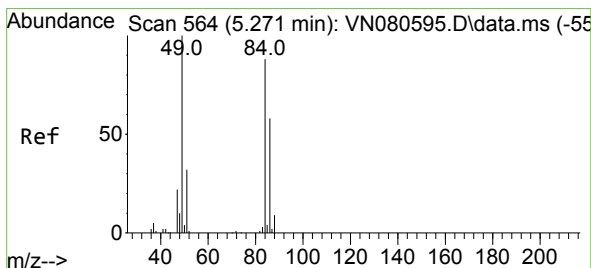
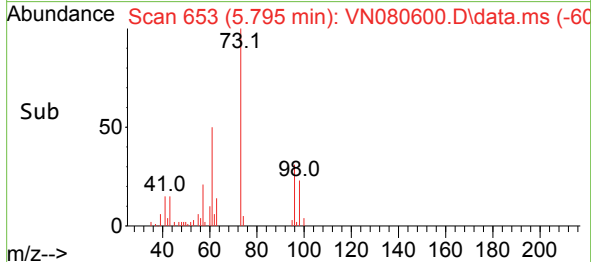
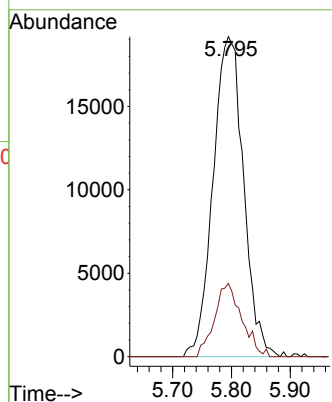
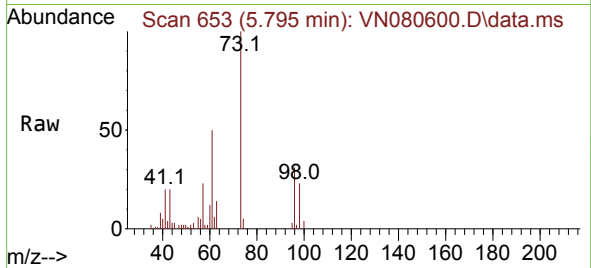




#19
Methyl tert-butyl Ether
Concen: 4.324 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

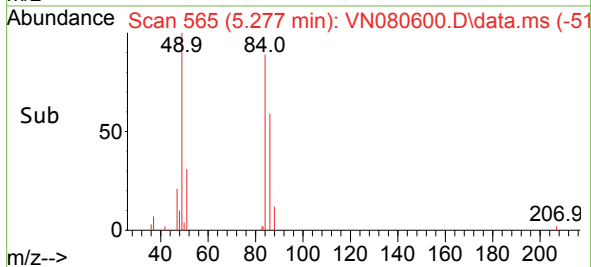
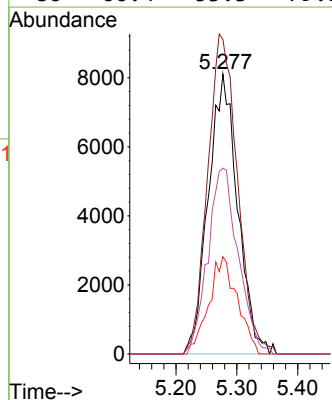
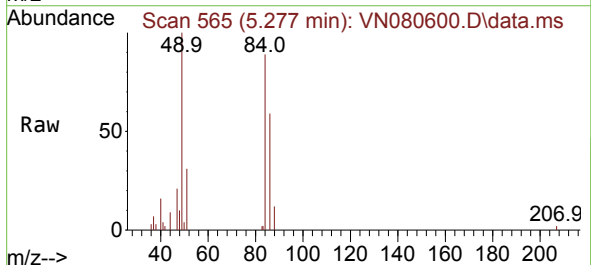
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

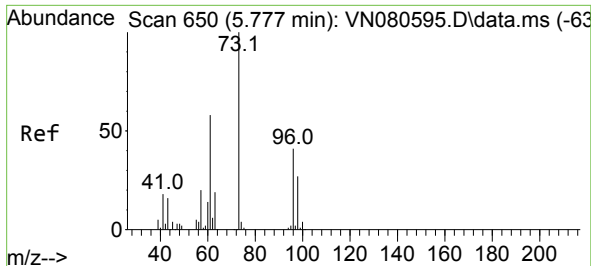
Tgt Ion: 73 Resp: 68897
Ion Ratio Lower Upper
73 100
57 22.9 15.6 23.4



#20
Methylene Chloride
Concen: 5.101 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 84 Resp: 27178
Ion Ratio Lower Upper
84 100
49 112.4 79.7 119.5
51 34.8 25.2 37.8
86 66.4 53.3 79.9

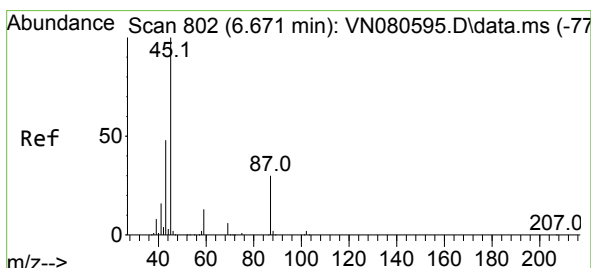
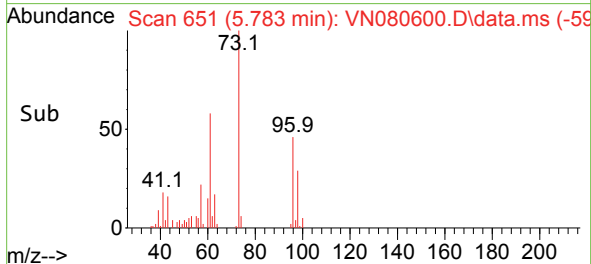
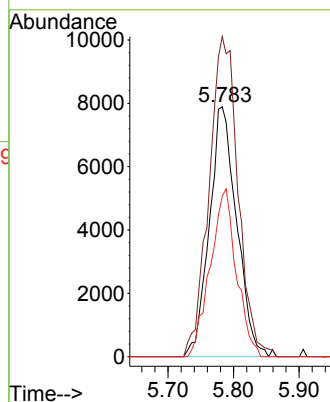
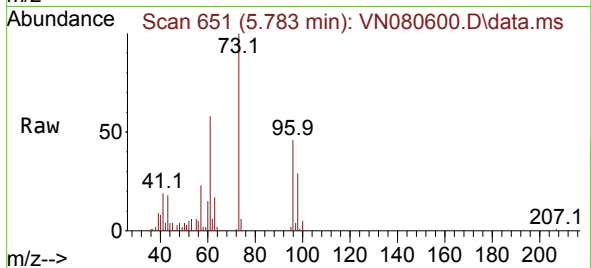




#21
trans-1,2-Dichloroethene
Concen: 4.278 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

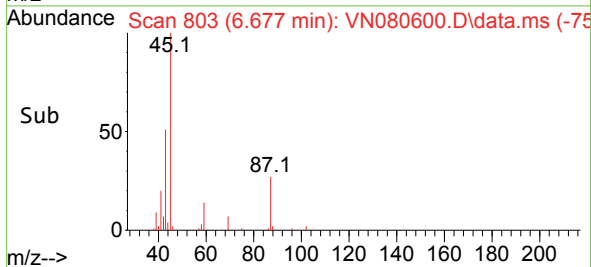
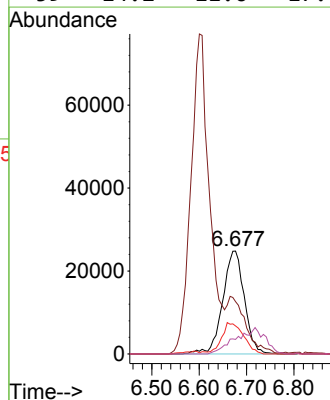
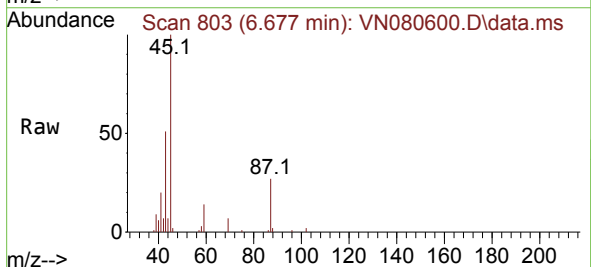
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

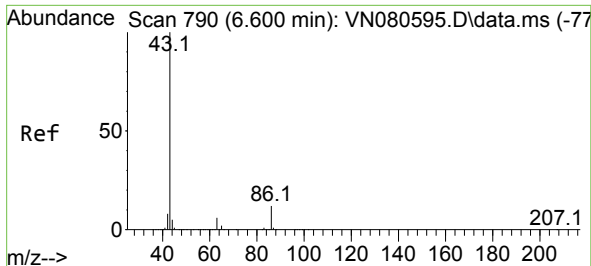
Tgt Ion: 96 Resp: 22878
Ion Ratio Lower Upper
96 100
61 128.0 90.1 135.1
98 64.3 46.4 69.6



#22
Diisopropyl ether
Concen: 5.263 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 45 Resp: 78550
Ion Ratio Lower Upper
45 100
43 49.6 45.5 68.3
87 27.3 31.8 47.8#
59 14.2 11.6 17.4

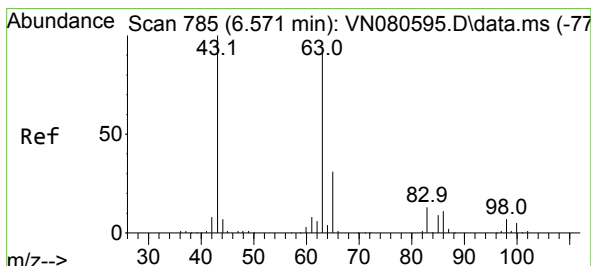
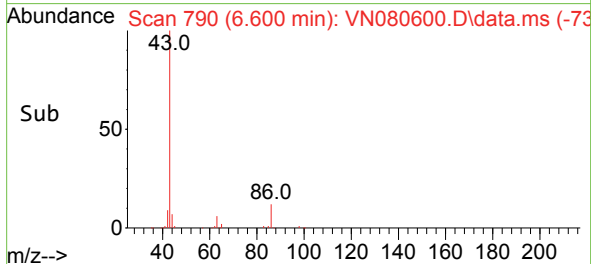
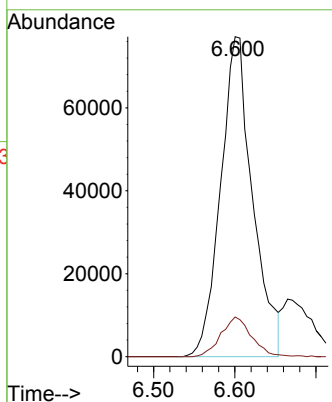
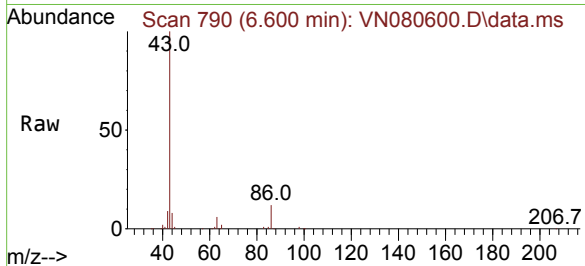




#23
 Vinyl Acetate
 Concen: 25.242 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080600.D
 Acq: 27 Dec 2023 14:10

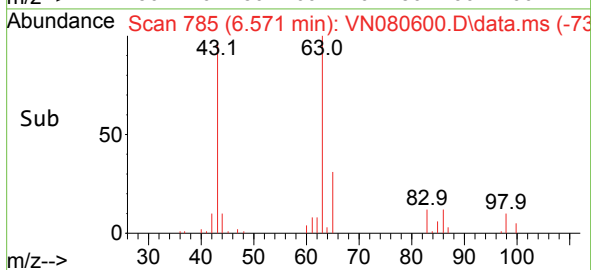
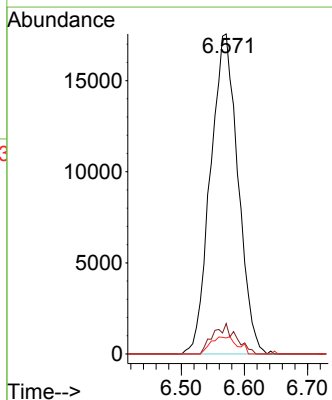
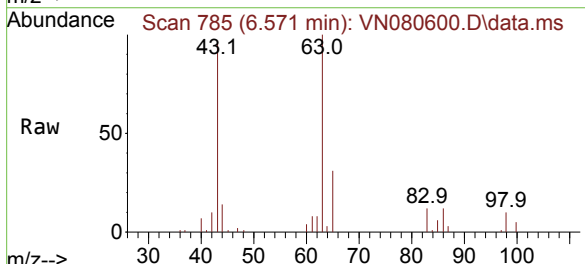
Instrument :
 MSVOA_N
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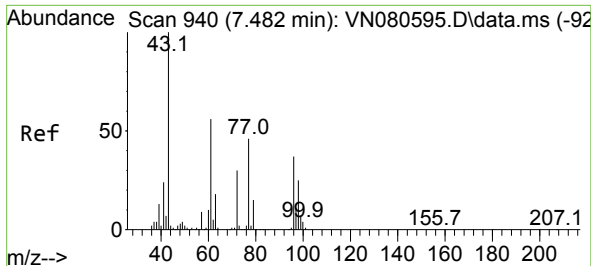
Tgt Ion: 43 Resp: 211697
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 5.323 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080600.D
 Acq: 27 Dec 2023 14:10

Tgt Ion: 63 Resp: 53249
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.9 11.7
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 19.546 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

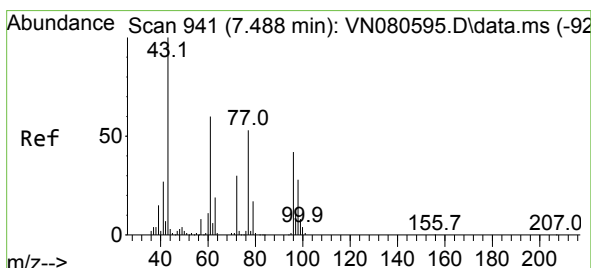
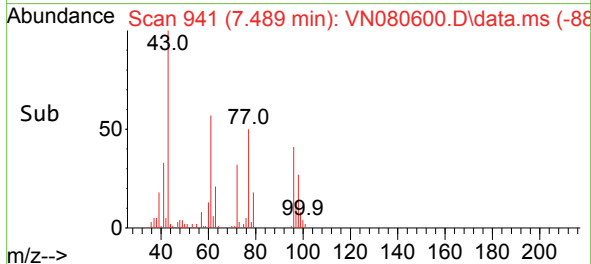
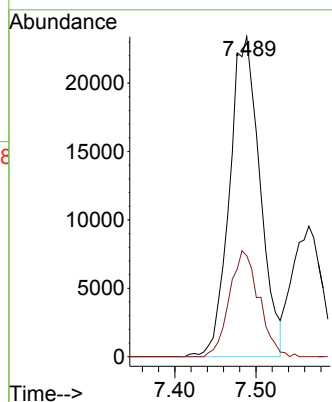
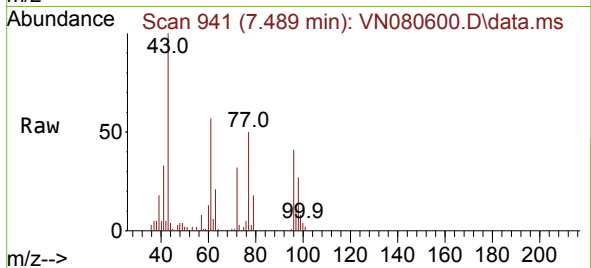
VSTDICC005

Tgt Ion: 43 Resp: 61000

Ion Ratio Lower Upper

43 100

72 31.5 30.2 45.2



#26

2,2-Dichloropropane

Concen: 4.289 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN080600.D

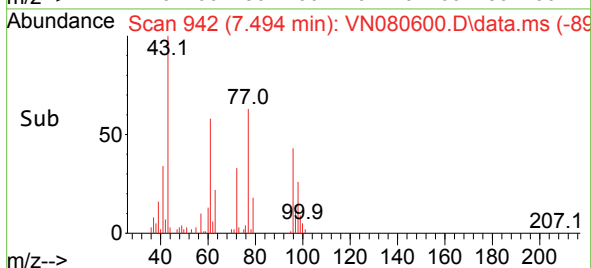
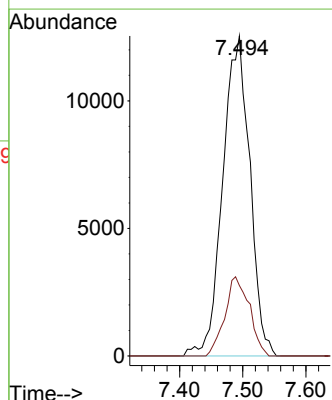
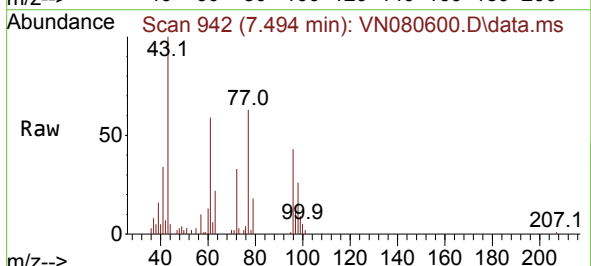
Acq: 27 Dec 2023 14:10

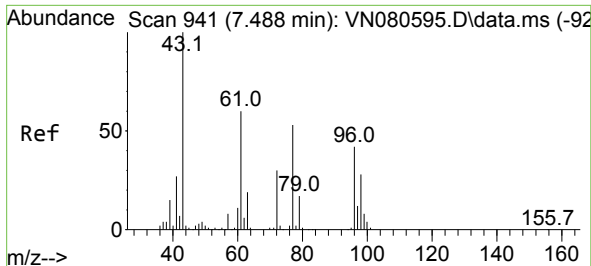
Tgt Ion: 77 Resp: 37351

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 3.919 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

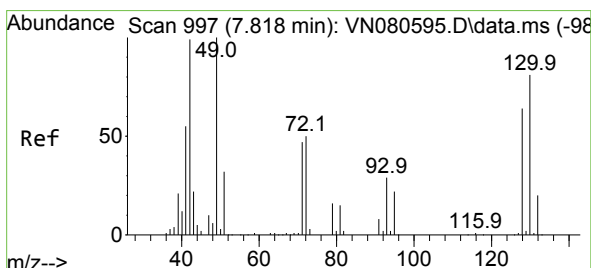
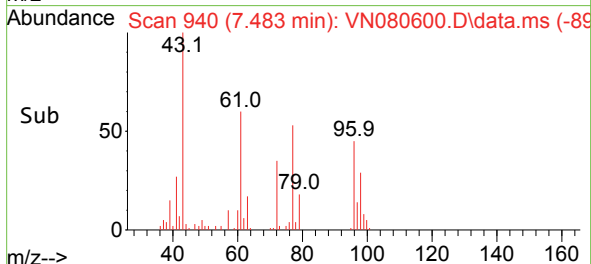
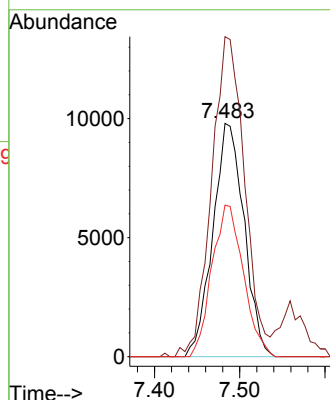
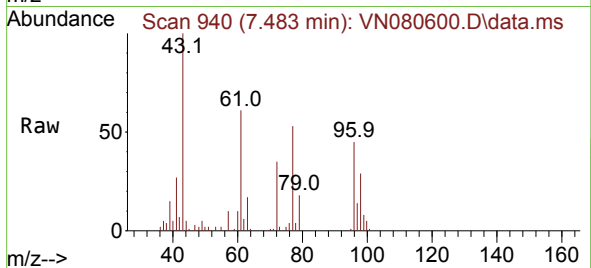
Tgt Ion: 96 Resp: 24926

Ion Ratio Lower Upper

96 100

61 145.4 0.0 255.2

98 65.5 0.0 128.8



#28

Bromochloromethane

Concen: 4.055 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

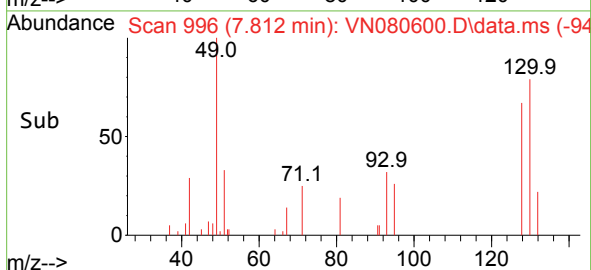
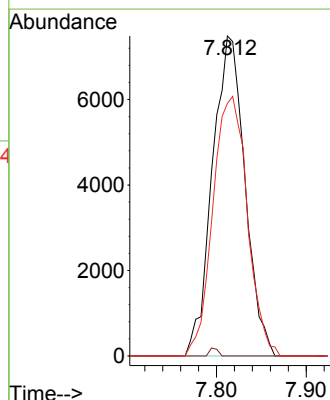
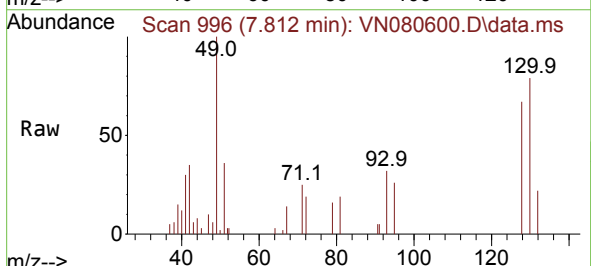
Tgt Ion: 49 Resp: 18861

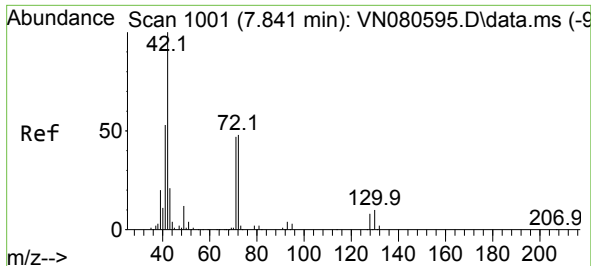
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 85.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 20.576 ug/l

RT: 7.842 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

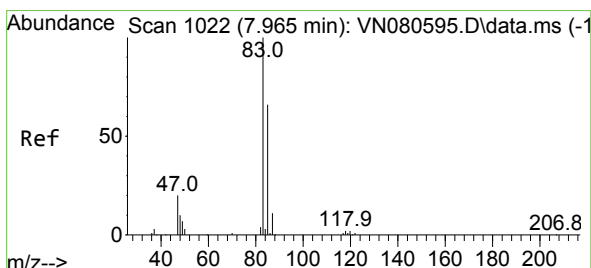
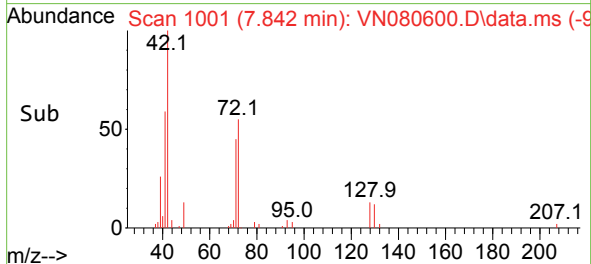
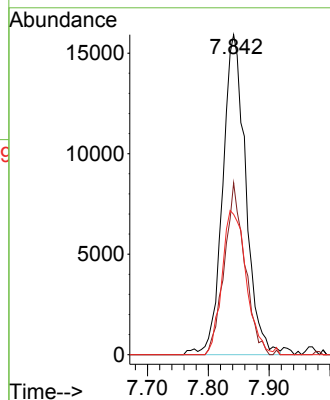
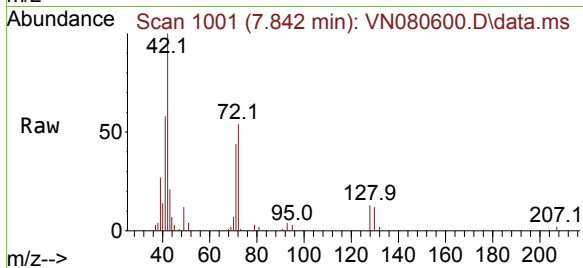
Tgt Ion: 42 Resp: 41879

Ion Ratio Lower Upper

42 100

72 47.8 49.8 74.6#

71 47.6 47.4 71.2



#30

Chloroform

Concen: 5.204 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080600.D

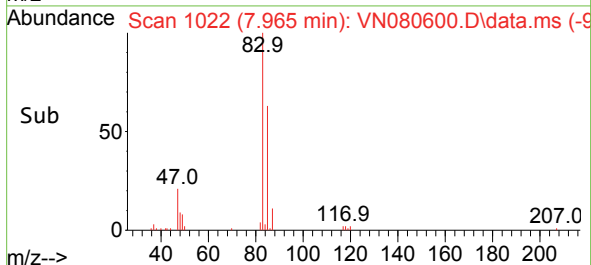
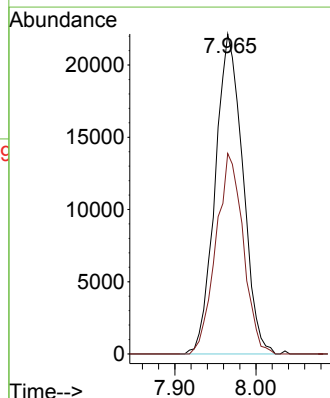
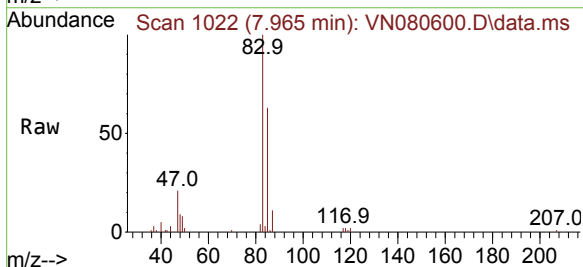
Acq: 27 Dec 2023 14:10

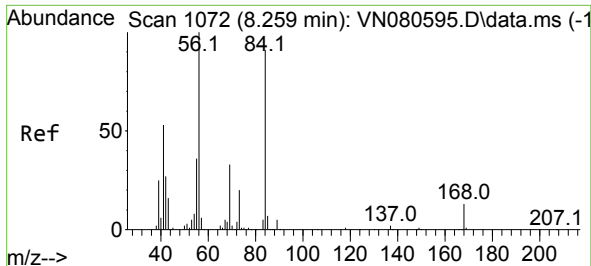
Tgt Ion: 83 Resp: 52262

Ion Ratio Lower Upper

83 100

85 62.7 55.4 83.0

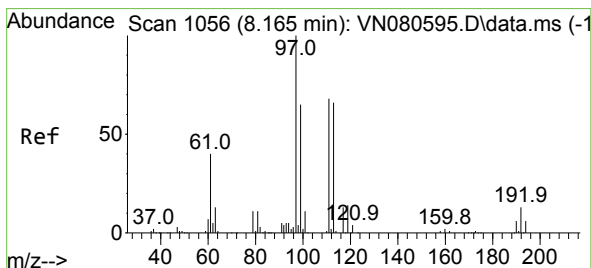
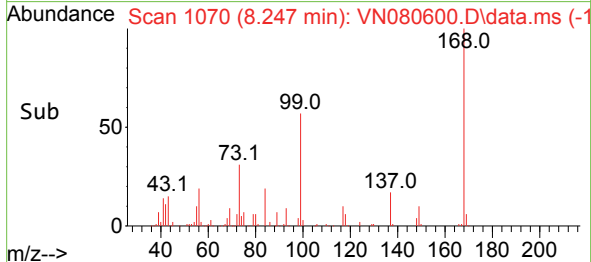
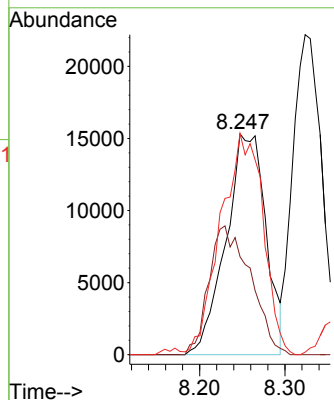
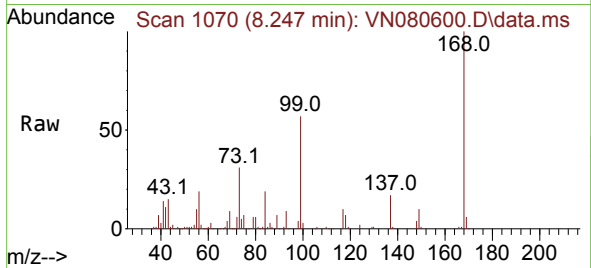




#31
Cyclohexane
Concen: 6.011 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.011 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

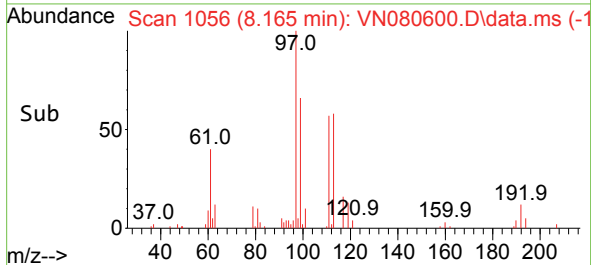
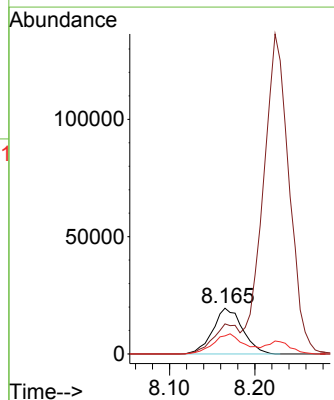
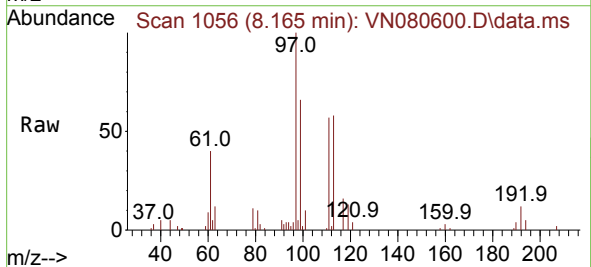
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

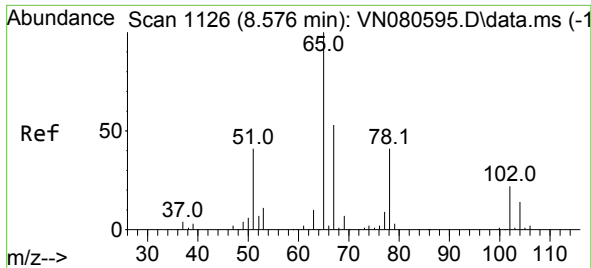
Tgt Ion: 56 Resp: 49957
Ion Ratio Lower Upper
56 100
69 44.4 26.8 40.2#
84 98.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 5.219 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 97 Resp: 47265
Ion Ratio Lower Upper
97 100
99 56.6 50.3 75.5
61 46.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 4.600 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

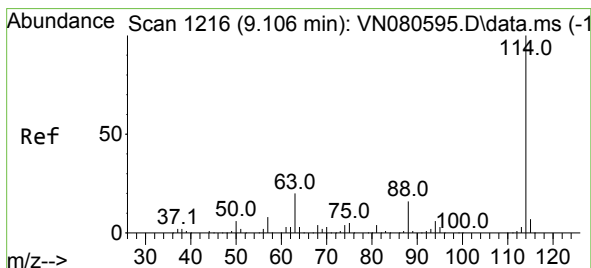
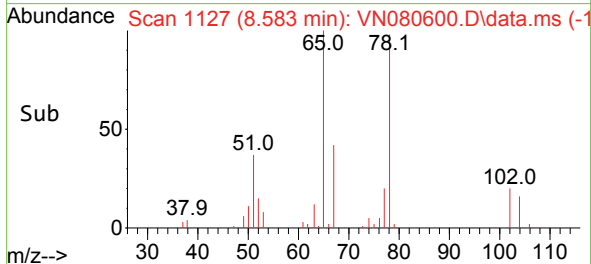
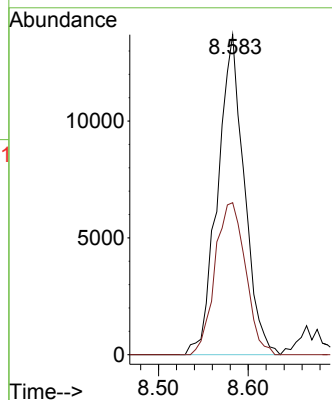
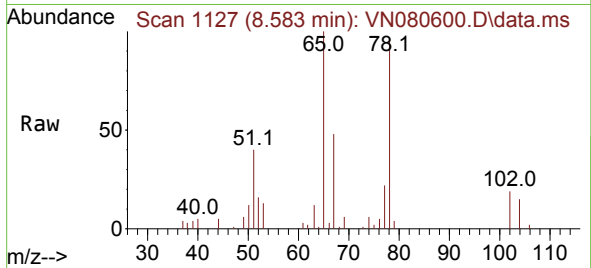
VSTDIC005

Tgt Ion: 65 Resp: 28256

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

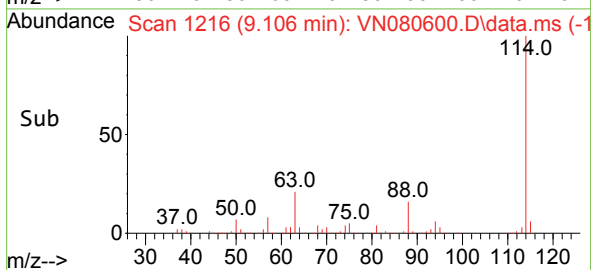
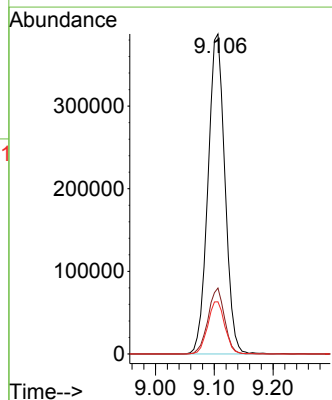
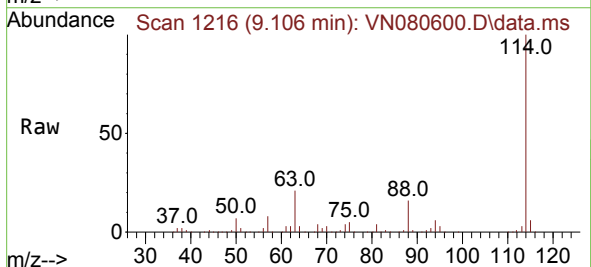
Tgt Ion: 114 Resp: 775381

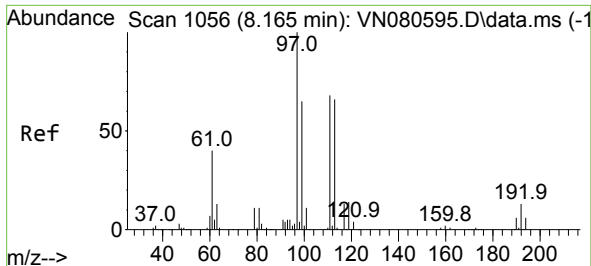
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.3 0.0 30.6

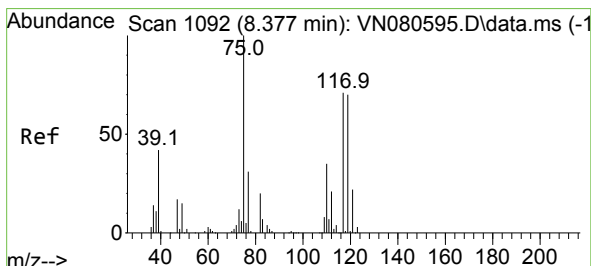
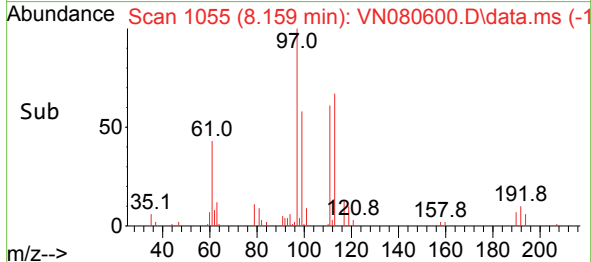
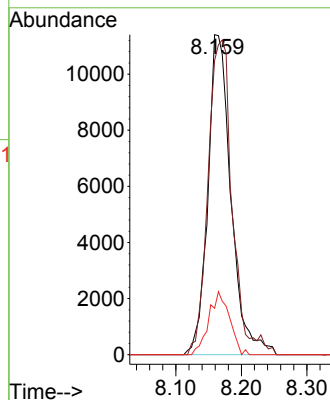
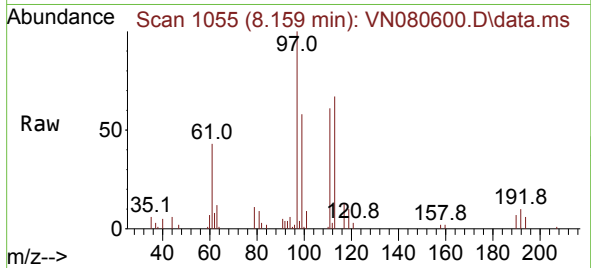




#35
Dibromofluoromethane
Concen: 5.573 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

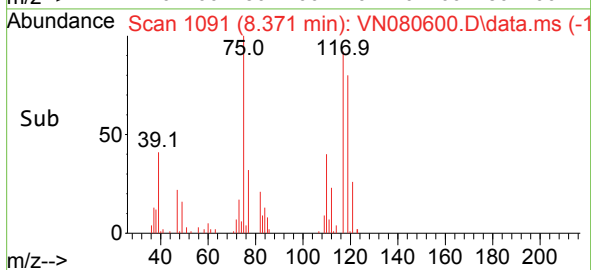
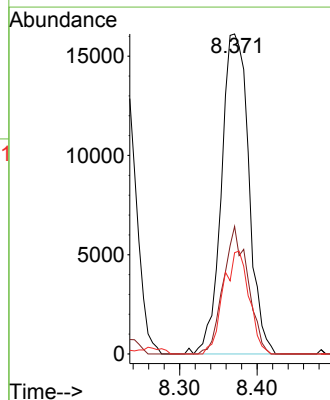
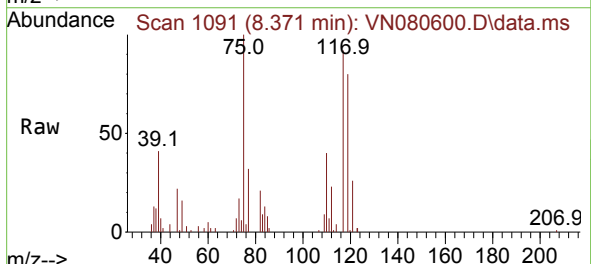
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

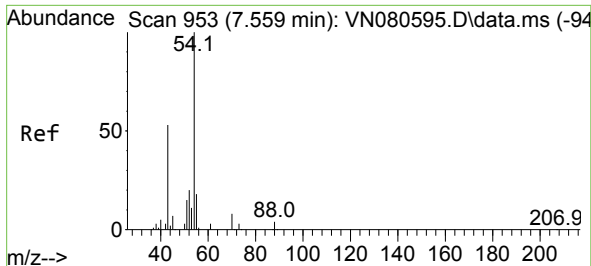
Tgt Ion:113 Resp: 27948
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.128 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 75 Resp: 39581
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 30.4 25.0 37.4

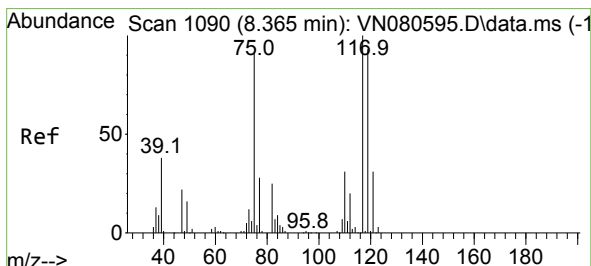
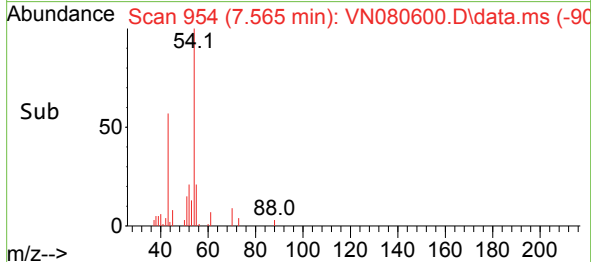
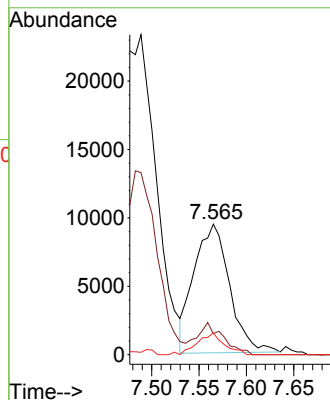
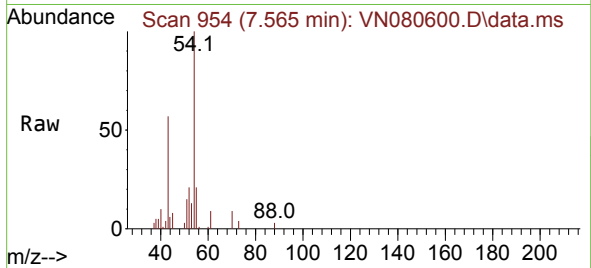




#37
Ethyl Acetate
Concen: 4.222 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

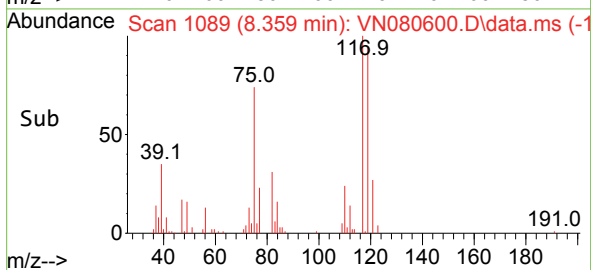
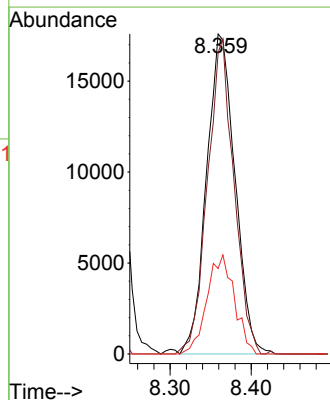
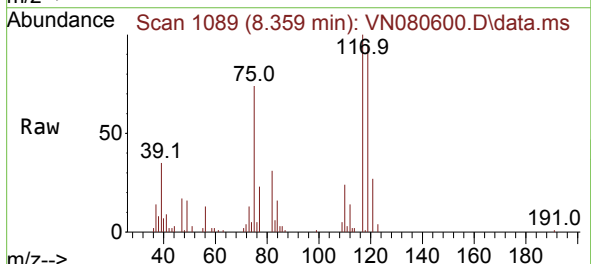
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

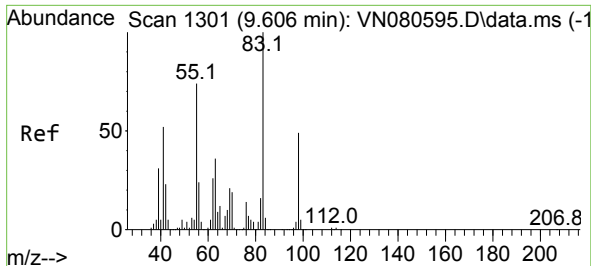
Tgt Ion: 43 Resp: 24585
Ion Ratio Lower Upper
43 100
61 18.3 13.2 19.8
70 12.7 11.3 16.9



#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 117 Resp: 42776
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 26.7 23.3 34.9





#39

Methylcyclohexane

Concen: 5.251 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

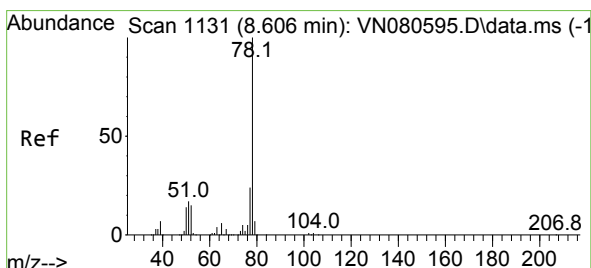
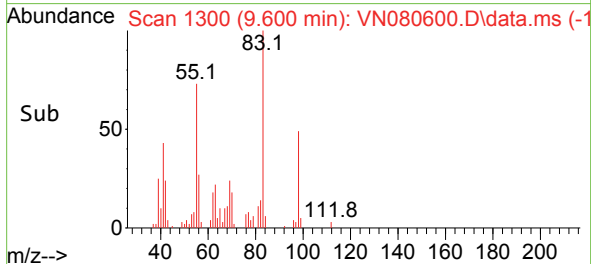
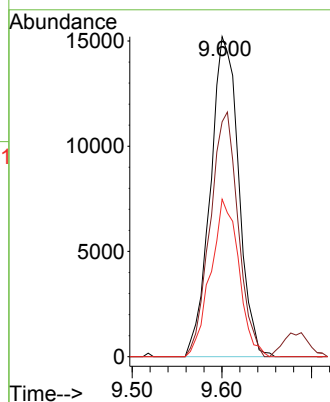
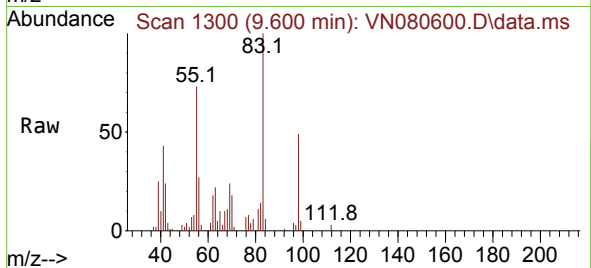
Tgt Ion: 83 Resp: 33243

Ion Ratio Lower Upper

83 100

55 73.4 49.1 73.7

98 49.2 40.6 61.0



#40

Benzene

Concen: 5.697 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080600.D

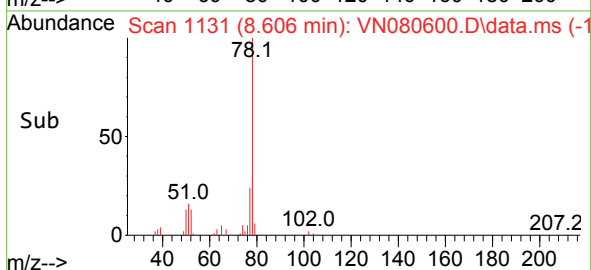
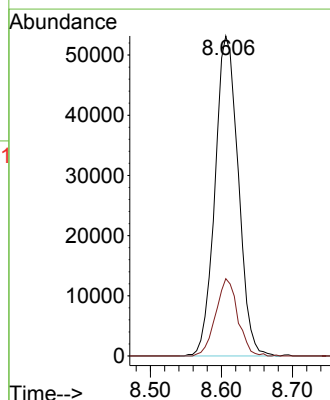
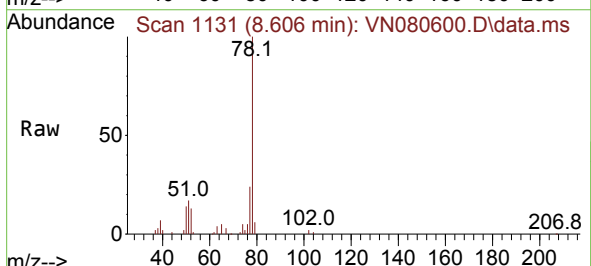
Acq: 27 Dec 2023 14:10

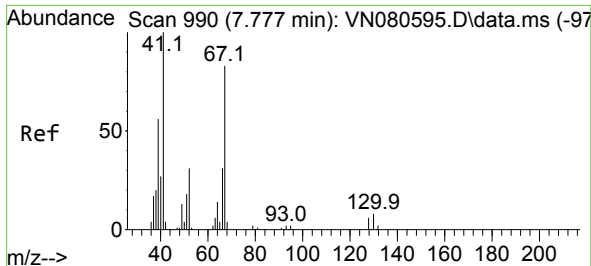
Tgt Ion: 78 Resp: 120750

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

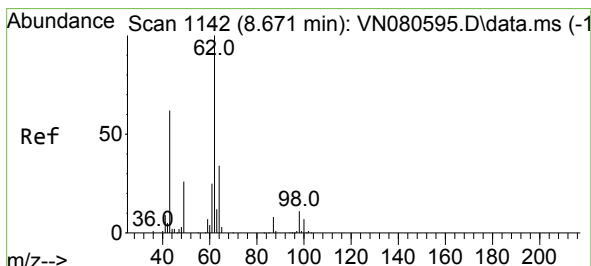
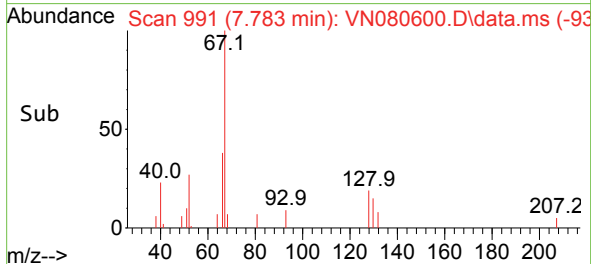
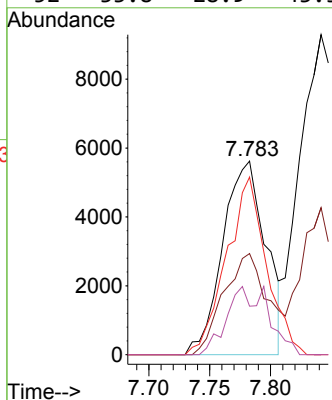
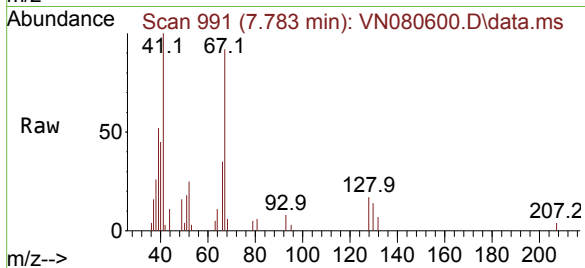




#41
Methacrylonitrile
Concen: 3.892 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

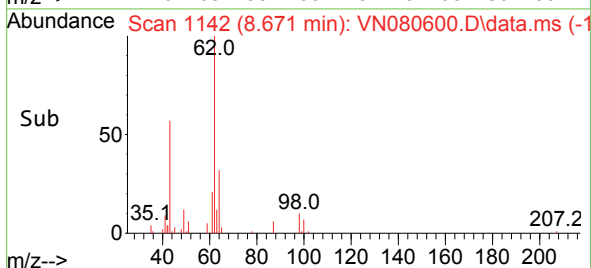
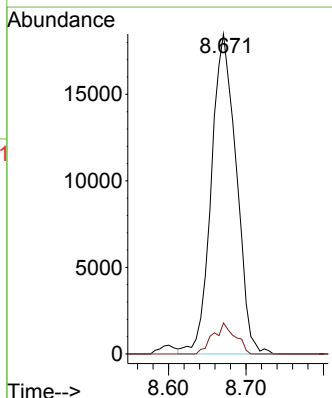
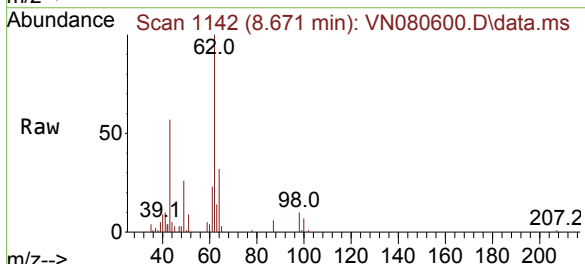
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

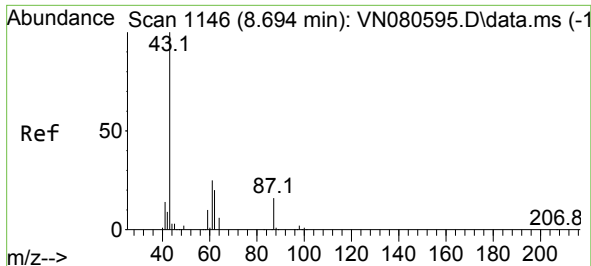
Tgt Ion:	41	Resp:	13805
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.6	64.0
67	85.3	77.5	116.3
52	33.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 5.791 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion:	62	Resp:	41409
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

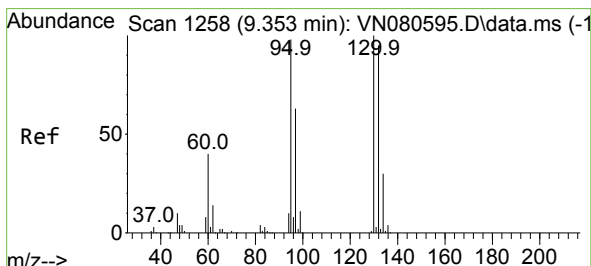
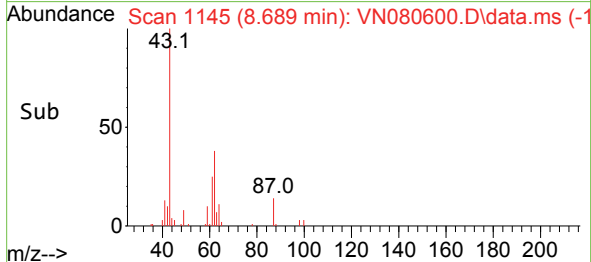
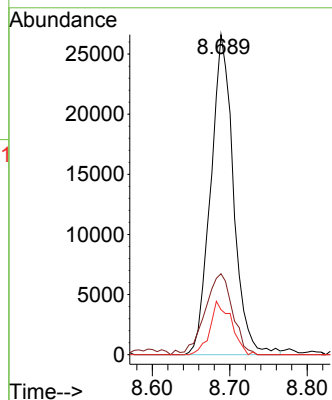
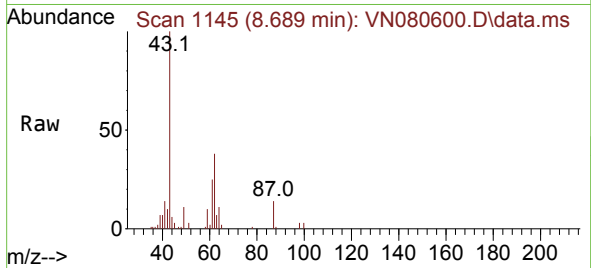




#43
Isopropyl Acetate
Concen: 5.754 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

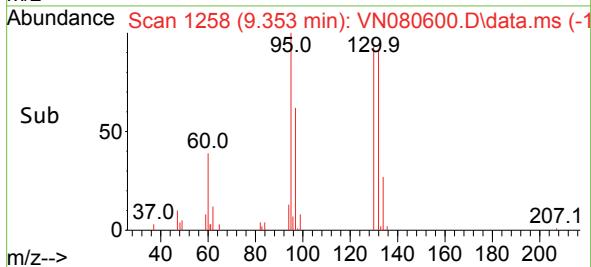
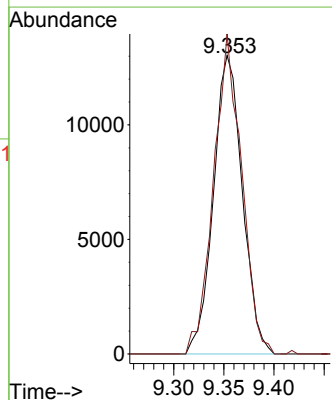
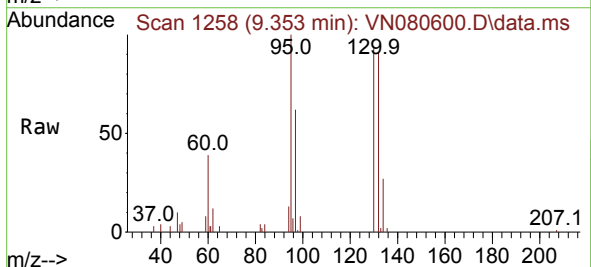
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

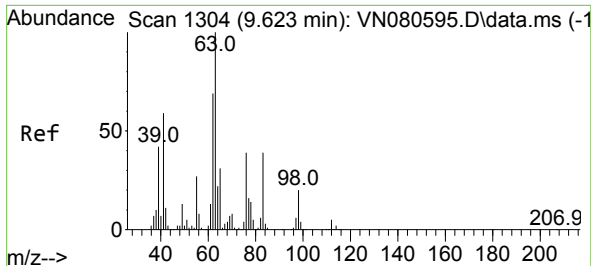
Tgt Ion: 43 Resp: 54314
Ion Ratio Lower Upper
43 100
61 30.7 24.7 37.1
87 15.7 14.6 21.8



#44
Trichloroethene
Concen: 4.554 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion:130 Resp: 26236
Ion Ratio Lower Upper
130 100
95 107.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.734 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

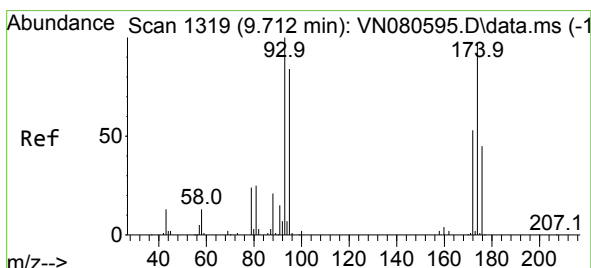
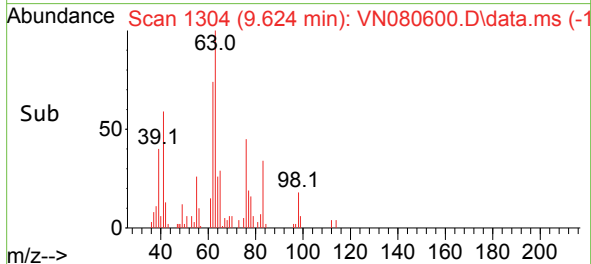
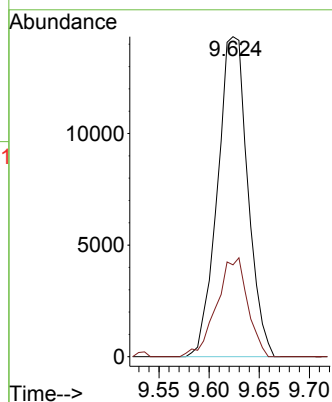
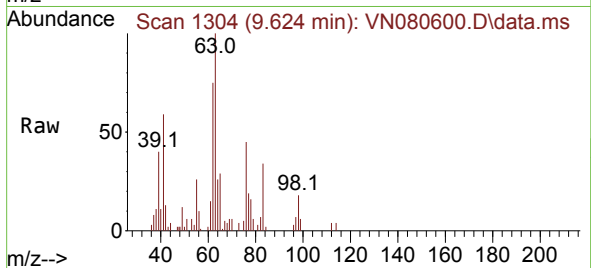
VSTDICC005

Tgt Ion: 63 Resp: 30079

Ion Ratio Lower Upper

63 100

65 28.7 23.9 35.9



#46

Dibromomethane

Concen: 5.721 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

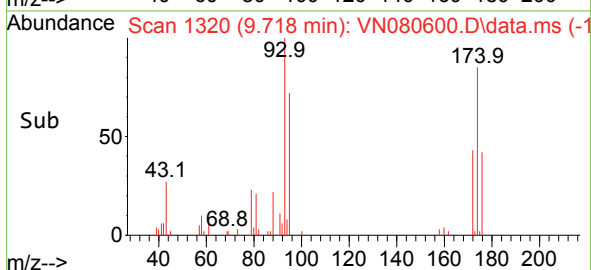
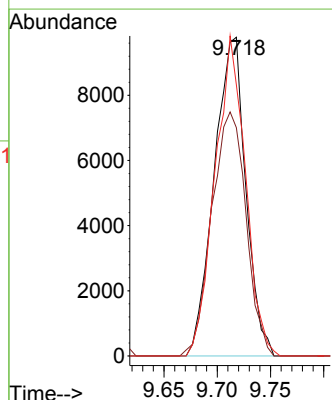
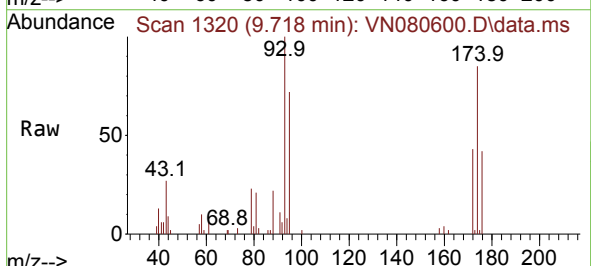
Tgt Ion: 93 Resp: 20189

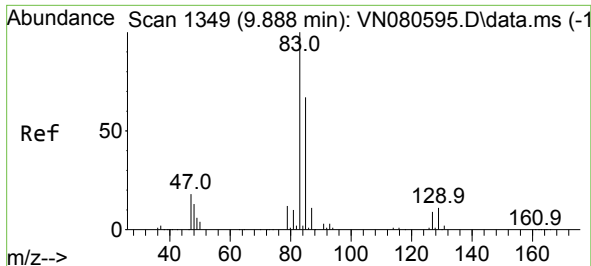
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 96.5 65.6 98.4

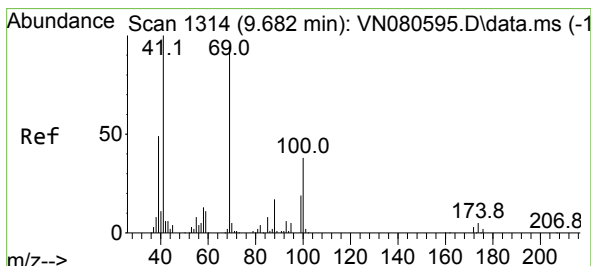
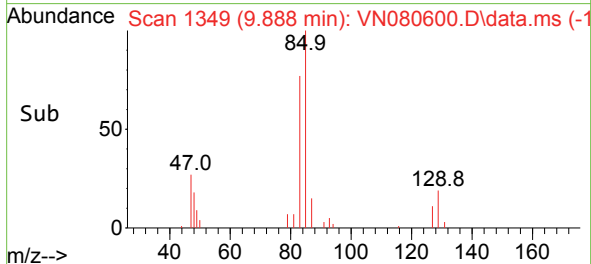
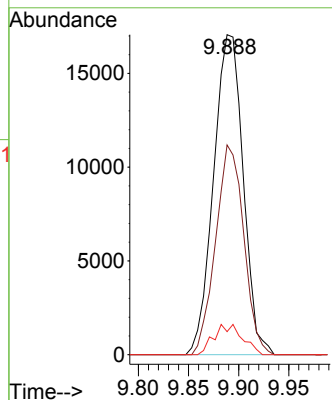
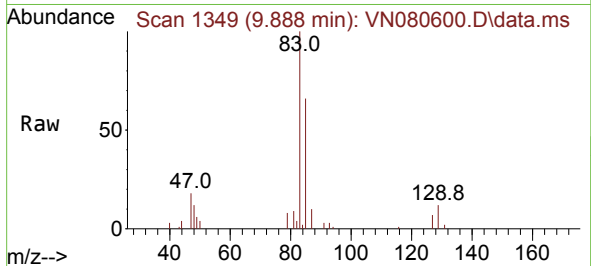




#47
Bromodichloromethane
Concen: 4.741 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

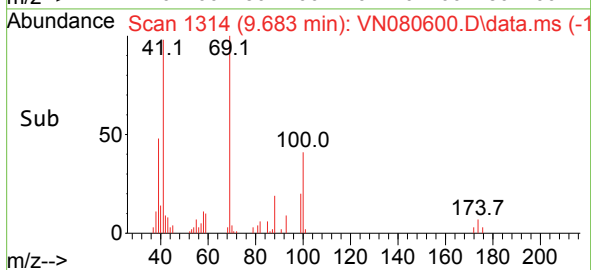
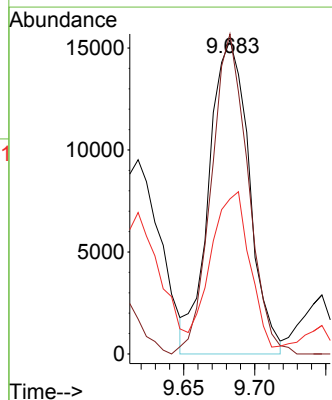
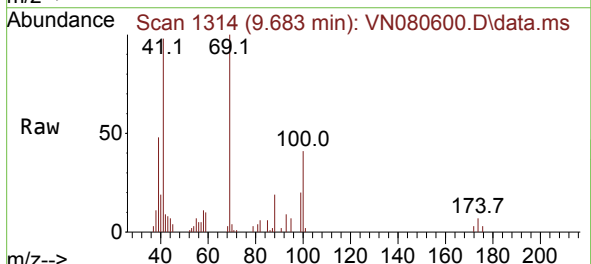
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

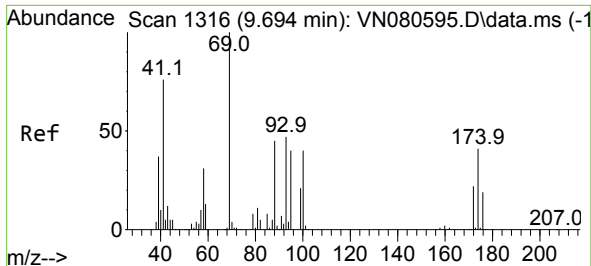
Tgt Ion: 83 Resp: 35069
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 7.2 7.0 10.6



#48
Methyl methacrylate
Concen: 5.771 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 41 Resp: 30247
Ion Ratio Lower Upper
41 100
69 93.1 90.4 135.6
39 51.3 54.6 81.8

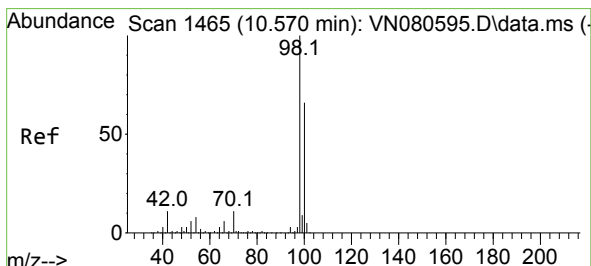
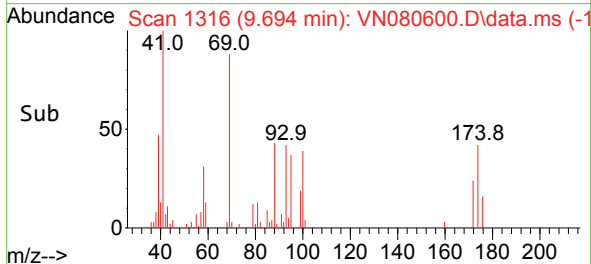
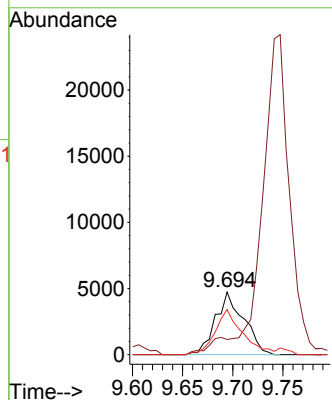
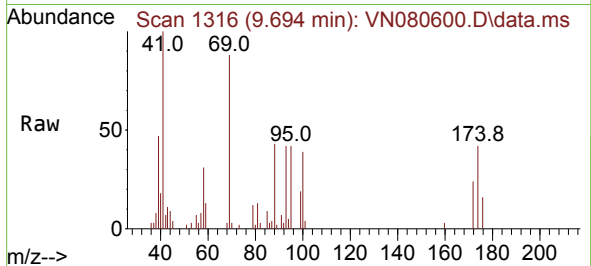




#49
1,4-Dioxane
Concen: 110.192 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

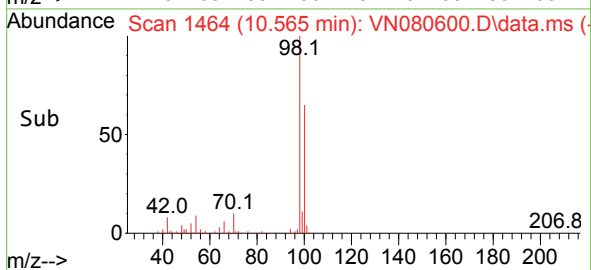
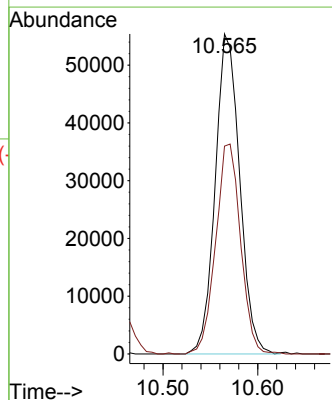
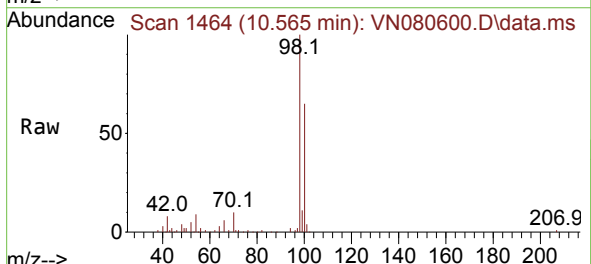
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

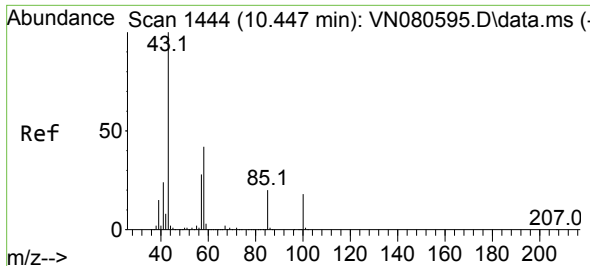
Tgt Ion: 88 Resp: 9231
Ion Ratio Lower Upper
88 100
43 20.0 17.0 25.6
58 70.3 47.0 70.4



#50
Toluene-d8
Concen: 5.688 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 98 Resp: 99591
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

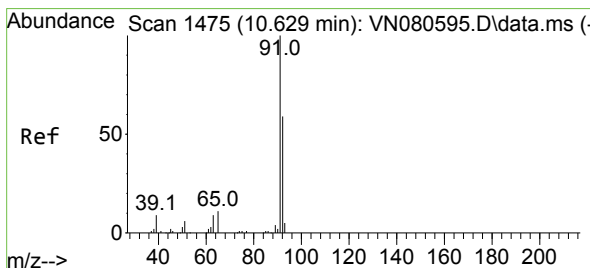
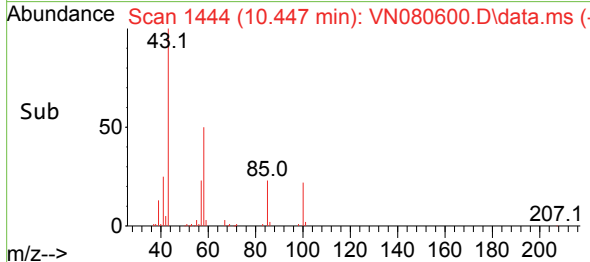
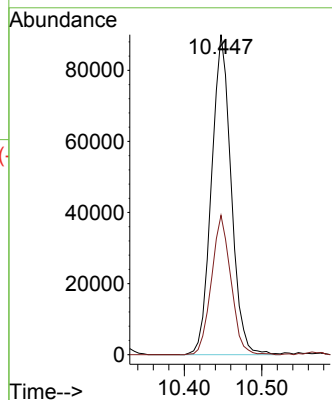
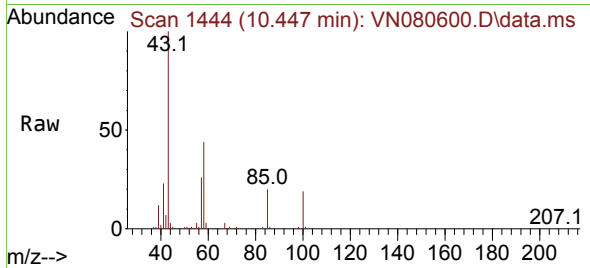




#51
4-Methyl-2-Pentanone
Concen: 29.522 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

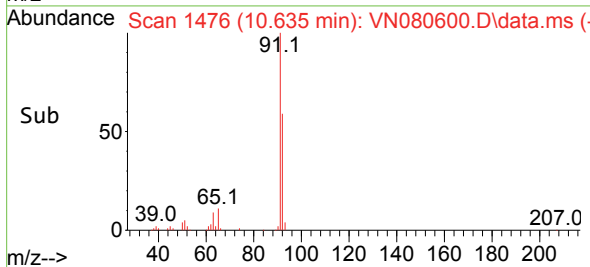
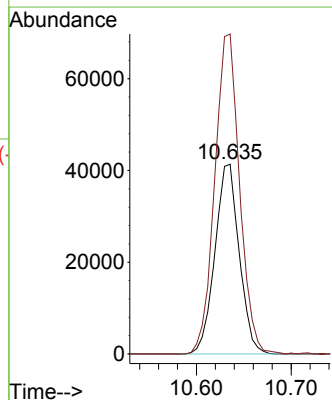
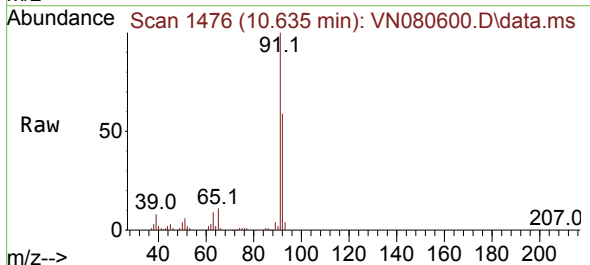
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

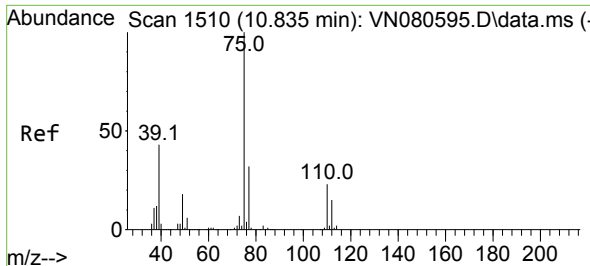
Tgt Ion: 43 Resp: 158497
Ion Ratio Lower Upper
43 100
58 43.0 36.6 54.8



#52
Toluene
Concen: 6.005 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 92 Resp: 73689
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0

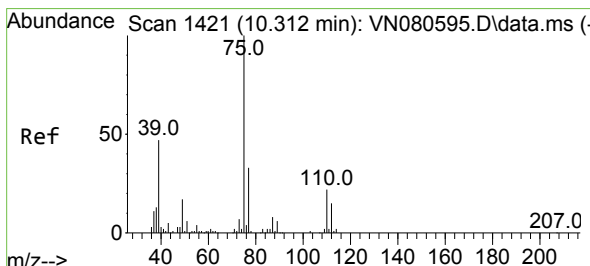
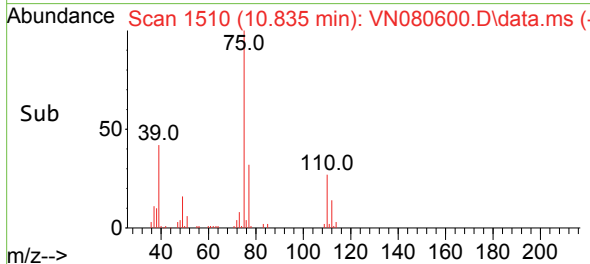
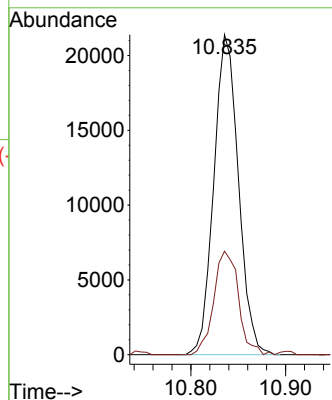
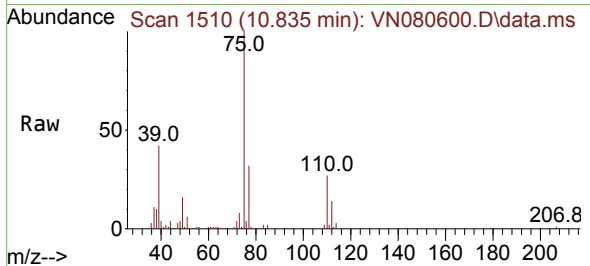




#53
 t-1,3-Dichloropropene
 Concen: 5.171 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080600.D
 Acq: 27 Dec 2023 14:10

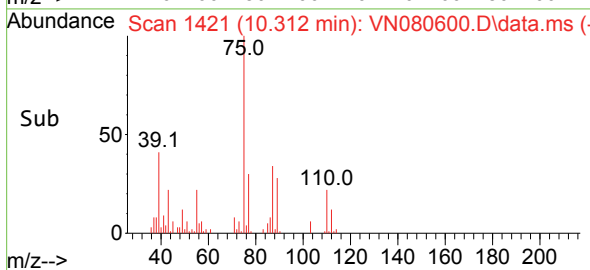
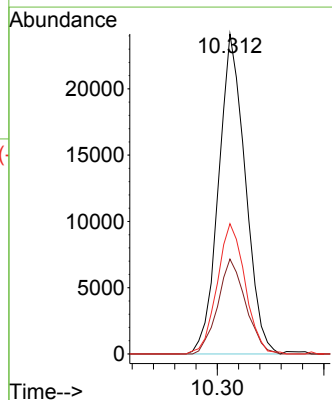
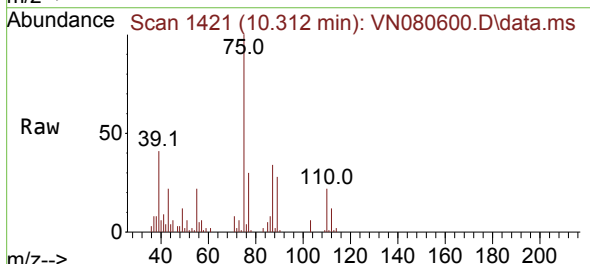
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

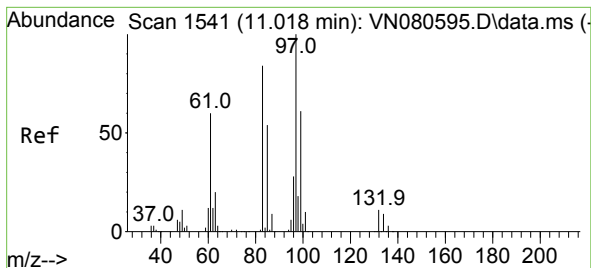
Tgt Ion: 75 Resp: 38563
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 5.031 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080600.D
 Acq: 27 Dec 2023 14:10

Tgt Ion: 75 Resp: 41993
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.1 39.1
 39 40.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 5.319 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 25890

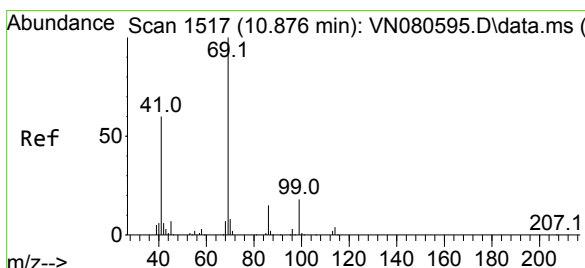
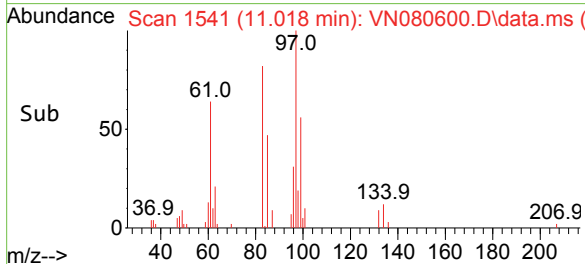
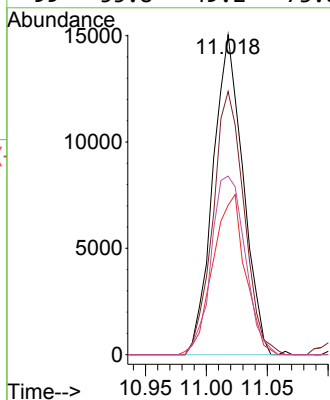
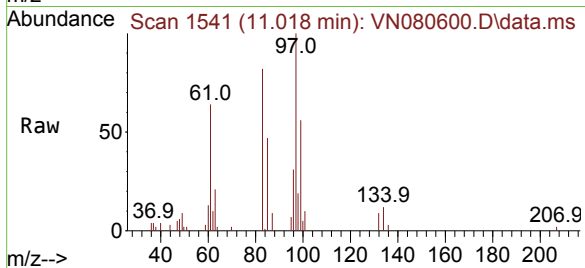
Ion Ratio Lower Upper

97 100

83 82.2 65.1 97.7

85 46.7 43.4 65.2

99 55.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 4.881 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

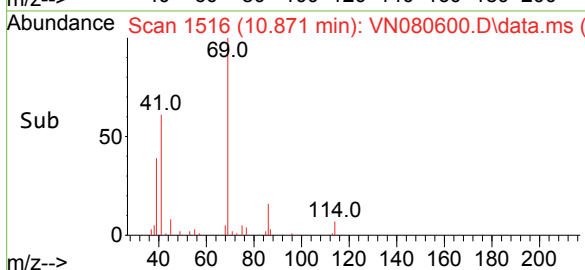
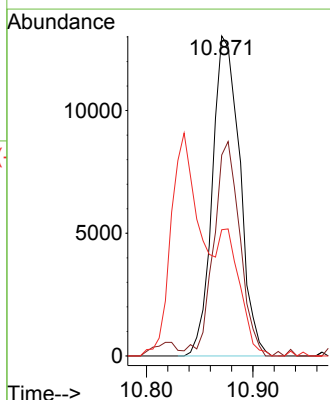
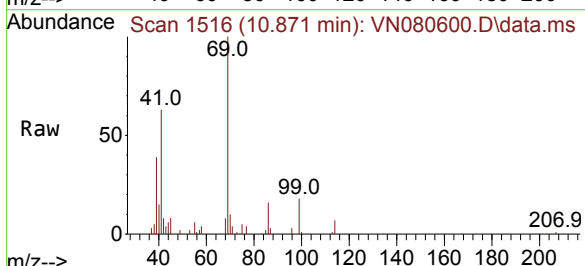
Tgt Ion: 69 Resp: 23272

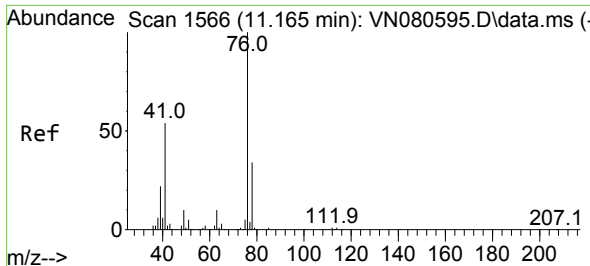
Ion Ratio Lower Upper

69 100

41 64.0 39.6 59.4#

39 0.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 5.265 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

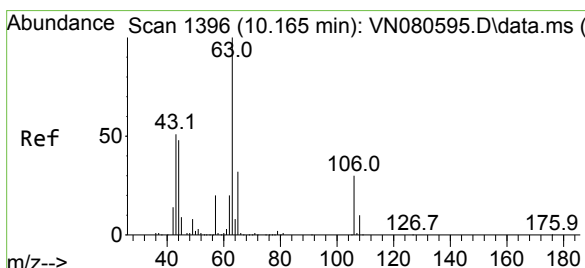
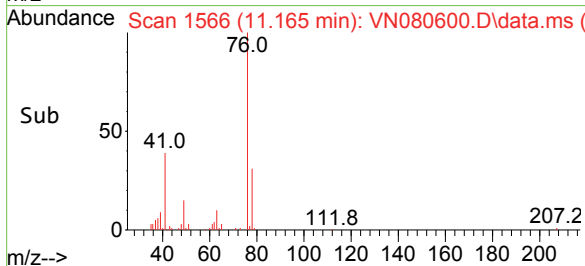
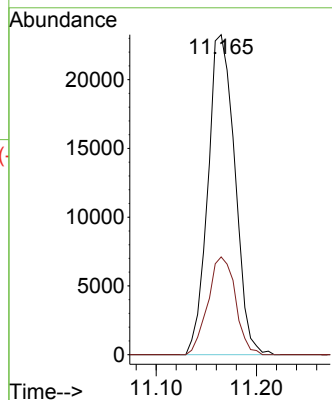
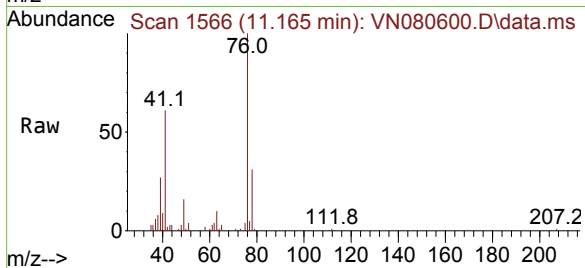
VSTDIC005

Tgt Ion: 76 Resp: 43422

Ion Ratio Lower Upper

76 100

78 31.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 25.120 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080600.D

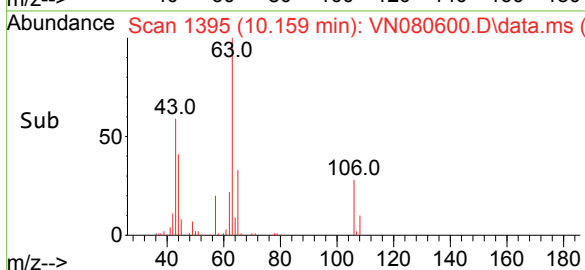
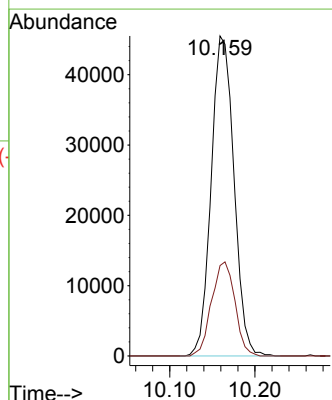
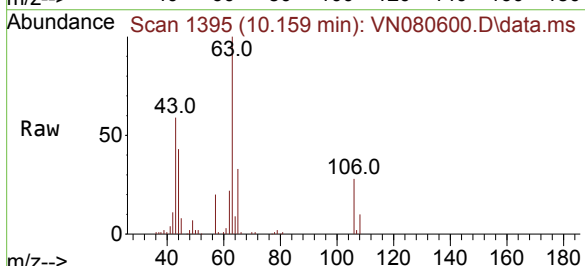
Acq: 27 Dec 2023 14:10

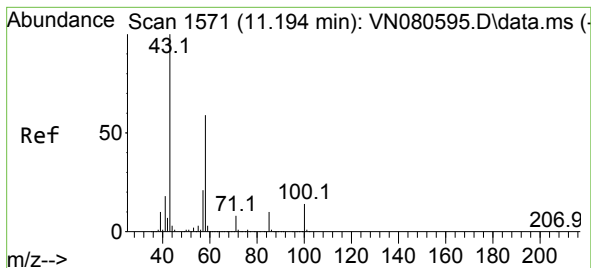
Tgt Ion: 63 Resp: 84580

Ion Ratio Lower Upper

63 100

106 30.1 26.2 39.4

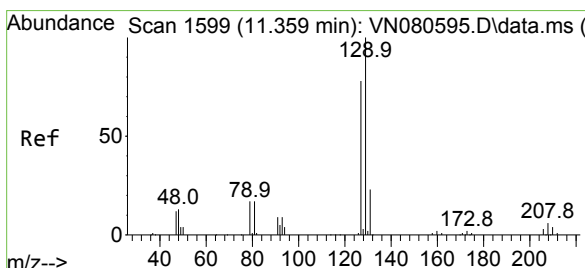
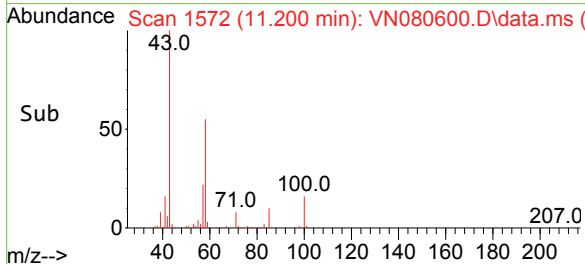
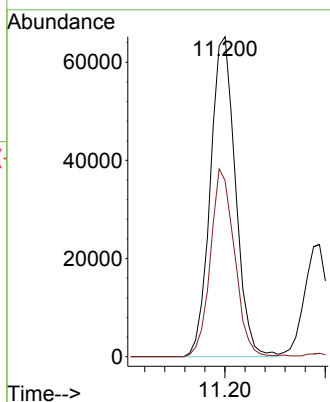
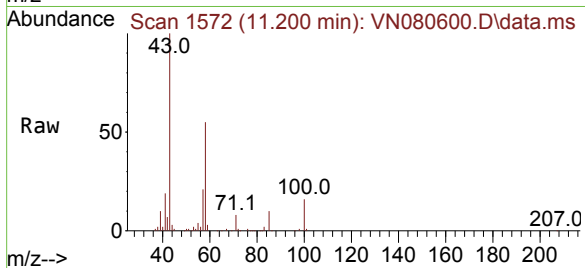




#59
2-Hexanone
Concen: 28.038 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

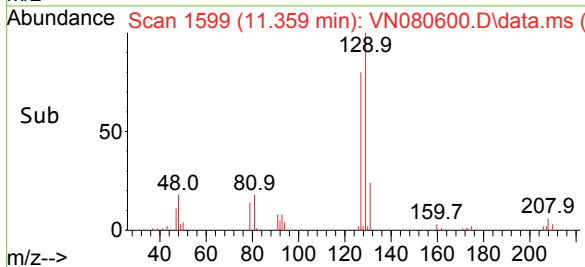
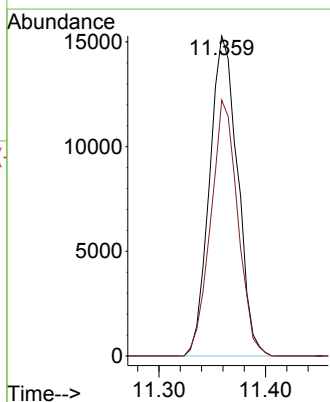
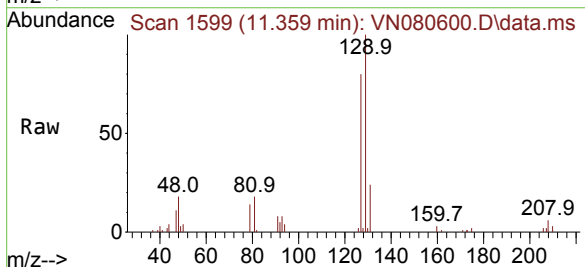
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

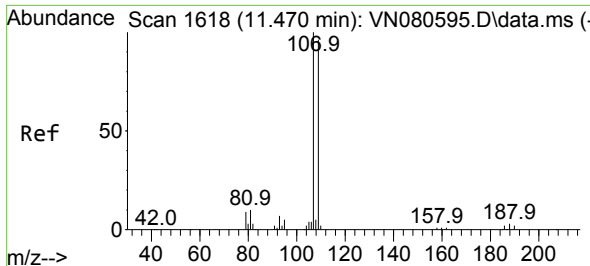
Tgt Ion: 43 Resp: 113453
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1



#60
Dibromochloromethane
Concen: 5.143 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 129 Resp: 27878
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

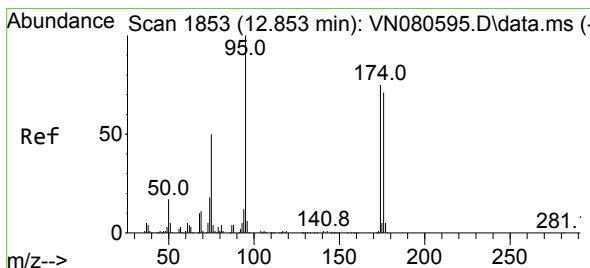
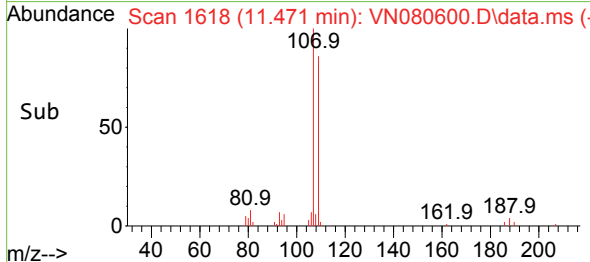
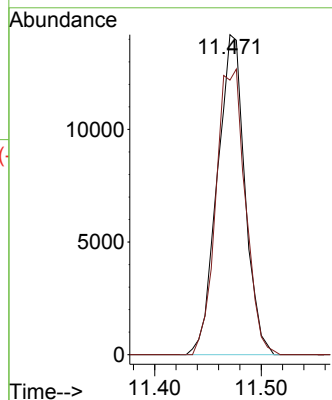
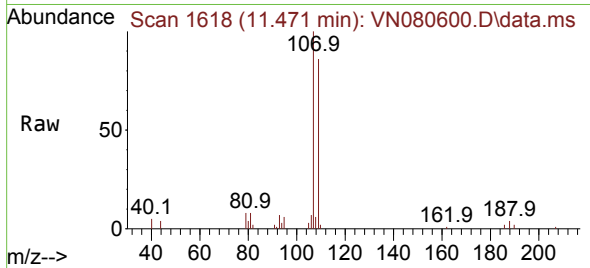




#61
1,2-Dibromoethane
Concen: 5.205 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

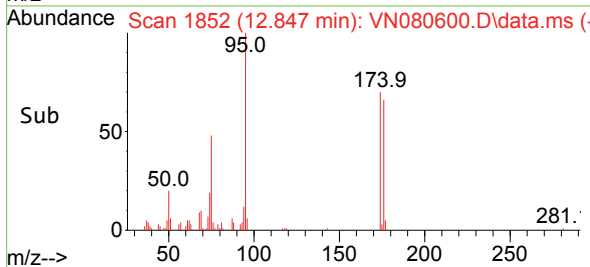
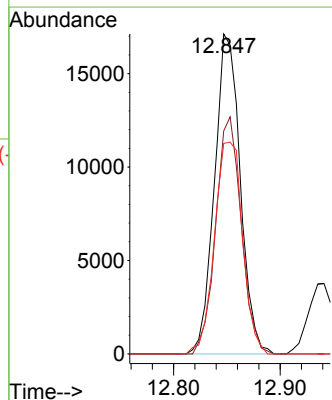
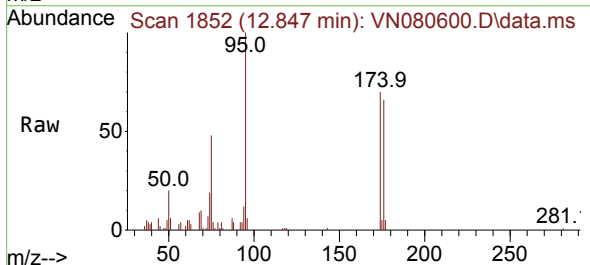
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

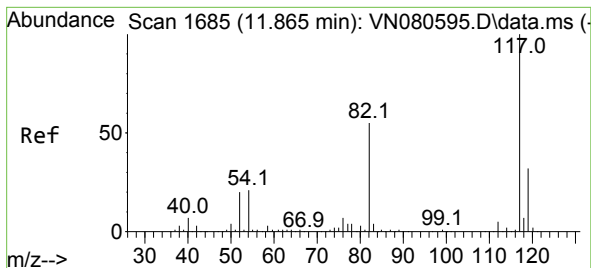
Tgt Ion:107 Resp: 25546
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 4.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 95 Resp: 28686
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 72.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

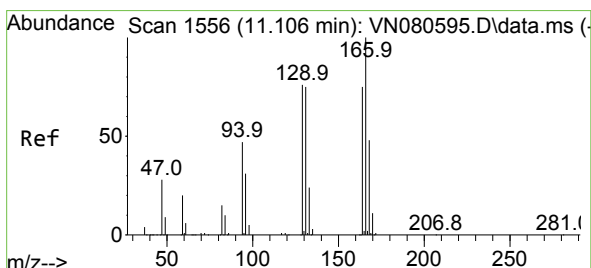
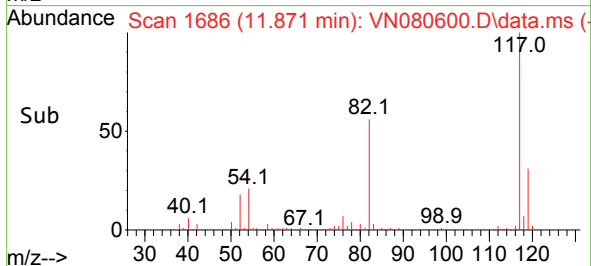
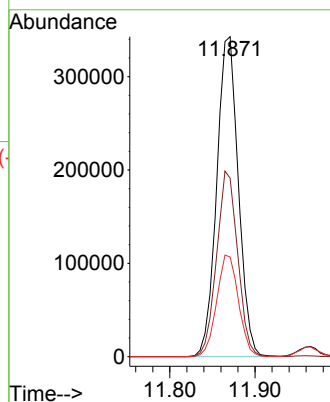
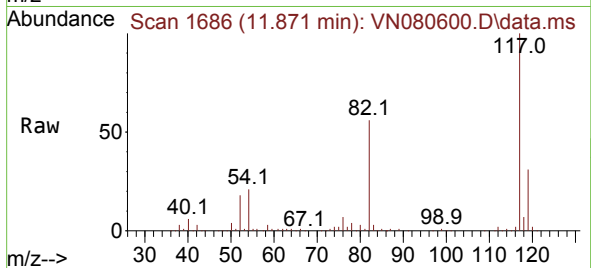
Tgt Ion:117 Resp: 605188

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 5.657 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Tgt Ion:164 Resp: 22877

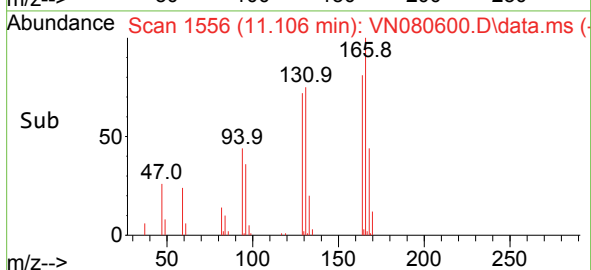
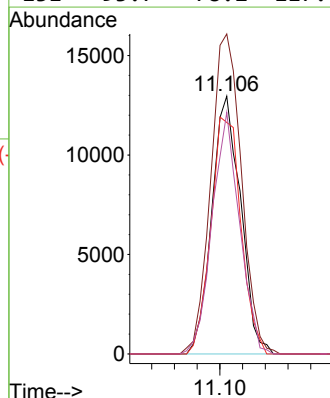
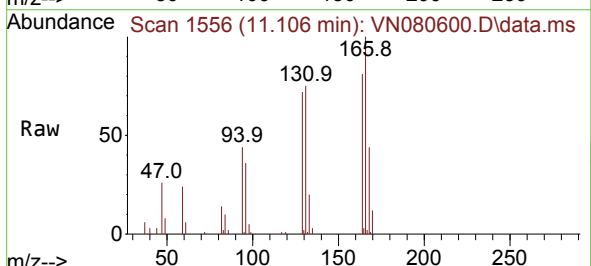
Ion Ratio Lower Upper

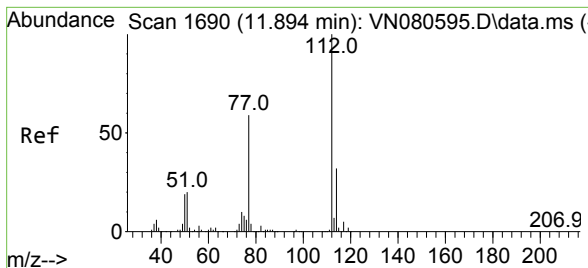
164 100

166 124.2 101.4 152.0

129 89.8 82.4 123.6

131 93.7 78.2 117.4

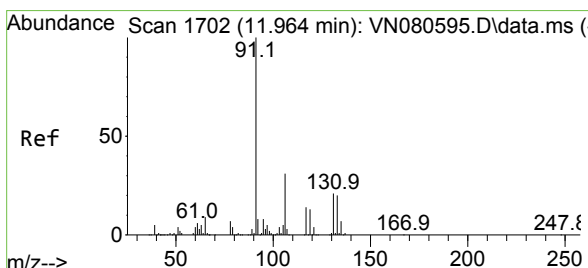
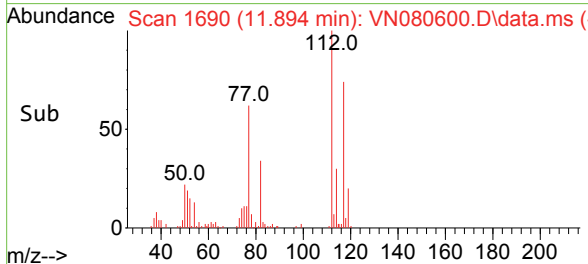
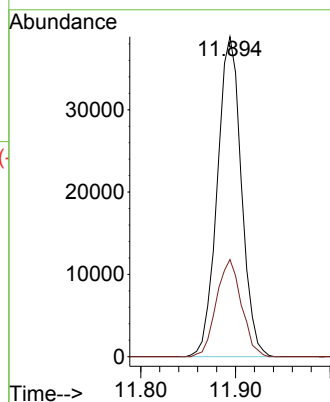
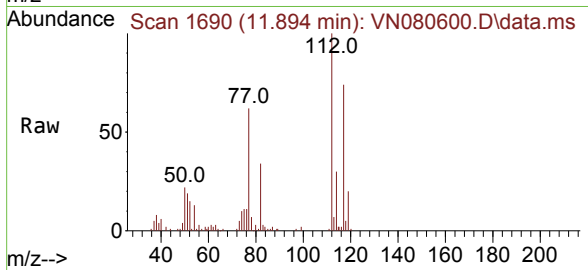




#65
Chlorobenzene
Concen: 5.456 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

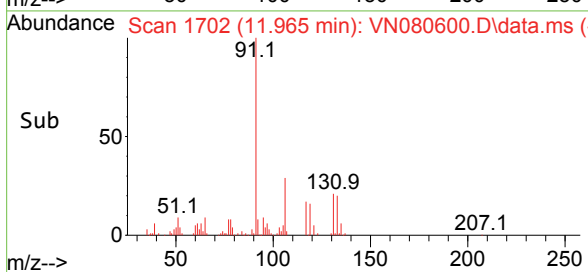
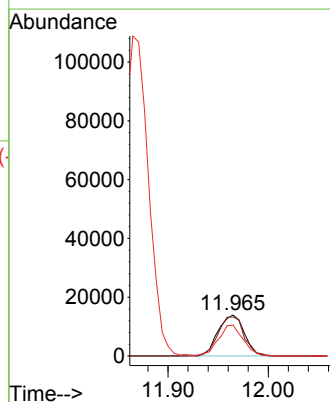
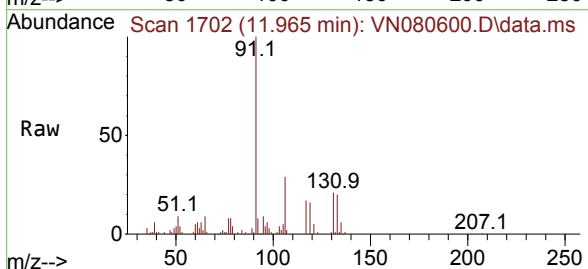
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

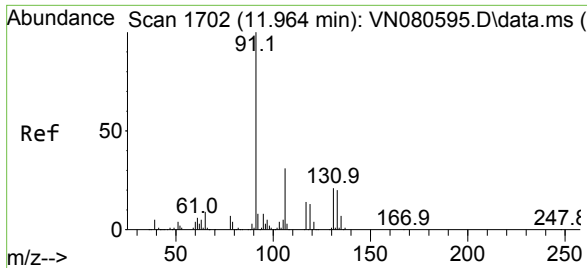
Tgt Ion:112 Resp: 68687
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.204 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion:131 Resp: 25202
Ion Ratio Lower Upper
131 100
133 95.4 46.4 139.1
119 71.3 34.1 102.2

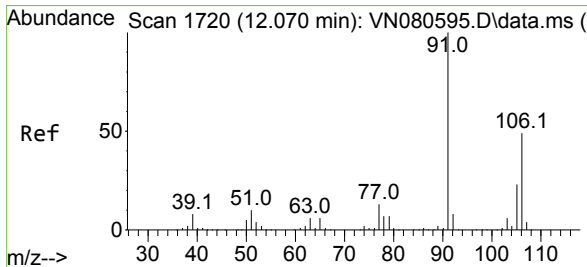
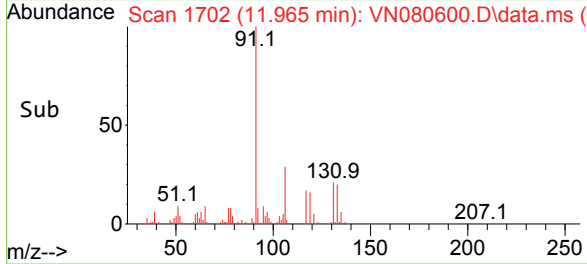
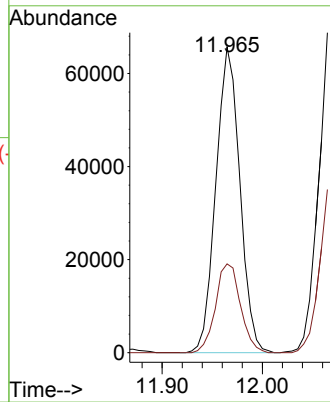
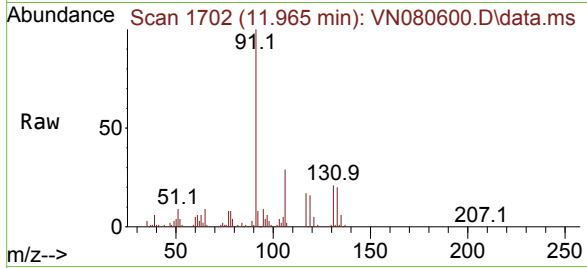




#67
Ethyl Benzene
Concen: 5.177 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

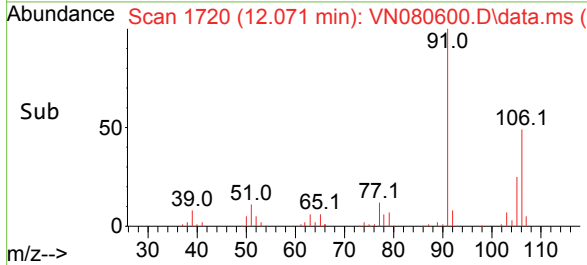
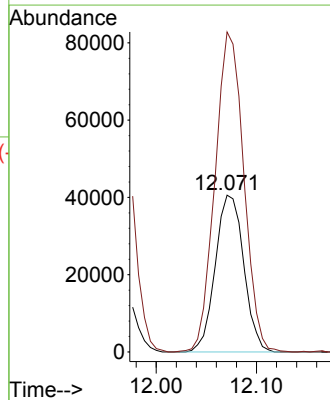
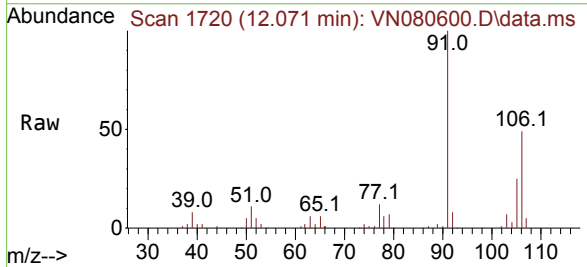
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

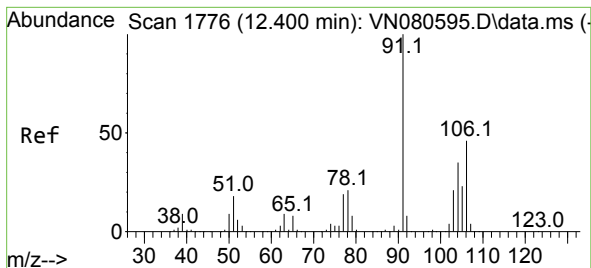
Tgt Ion: 91 Resp: 108964
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4



#68
m/p-Xylenes
Concen: 10.216 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 106 Resp: 79787
Ion Ratio Lower Upper
106 100
91 206.5 159.6 239.4





#69

o-Xylene

Concen: 5.108 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

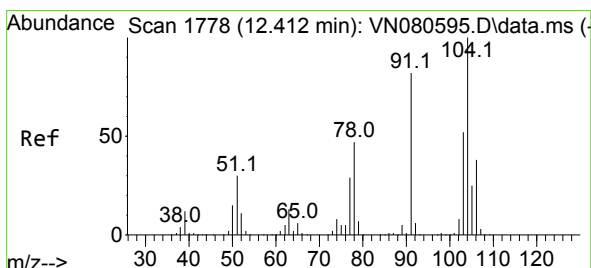
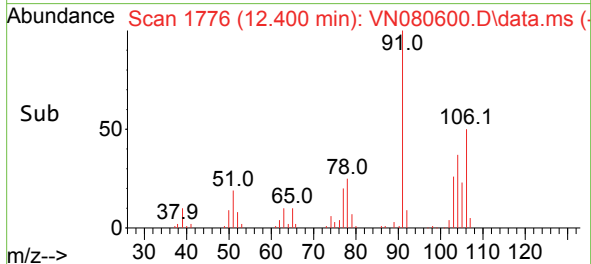
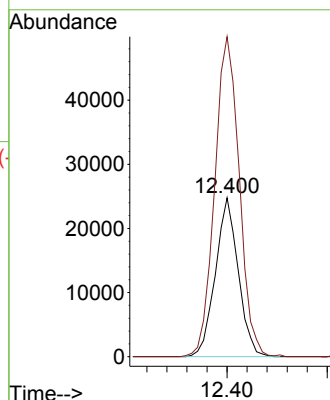
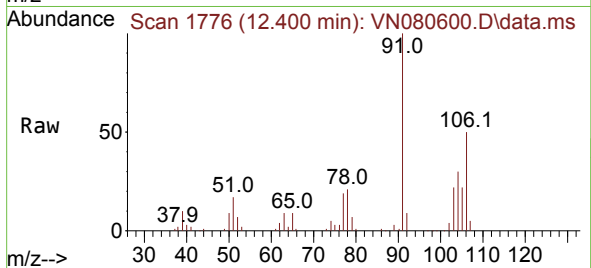
VSTDIC005

Tgt Ion:106 Resp: 39176

Ion Ratio Lower Upper

106 100

91 216.5 105.2 315.5



#70

Styrene

Concen: 4.794 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

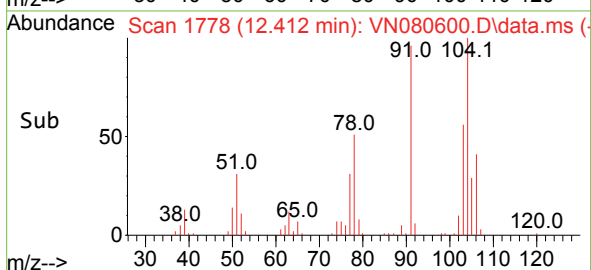
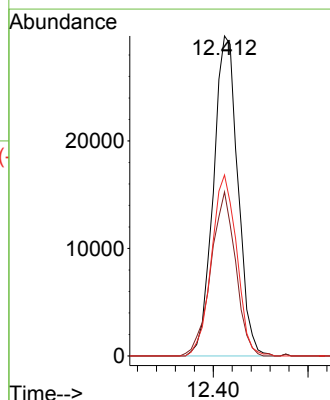
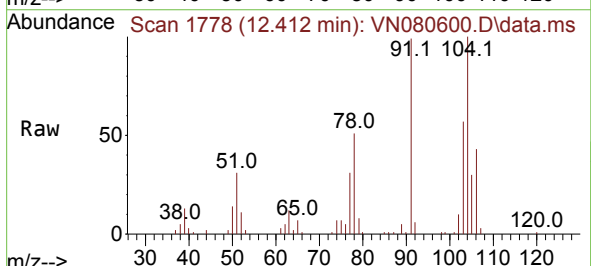
Tgt Ion:104 Resp: 53473

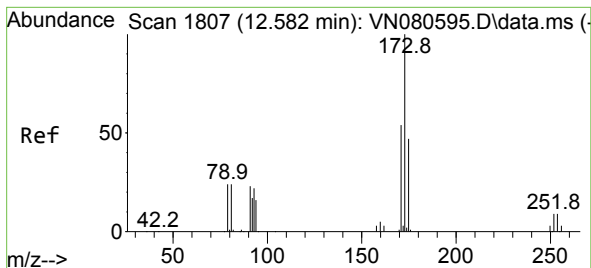
Ion Ratio Lower Upper

104 100

78 51.7 39.5 59.3

103 58.1 43.2 64.8





#71

Bromoform

Concen: 5.477 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

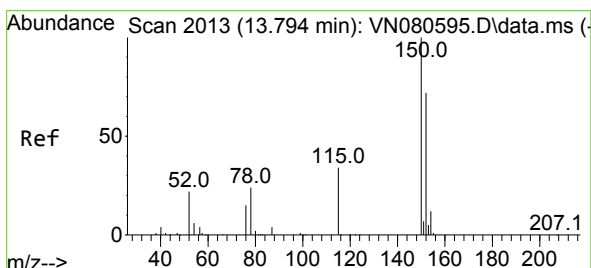
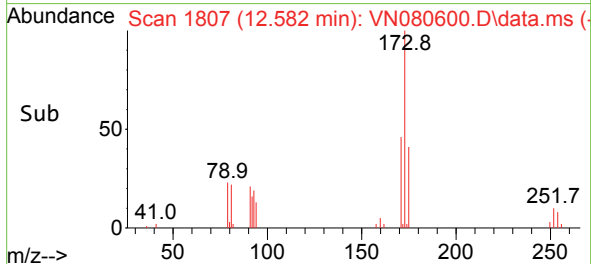
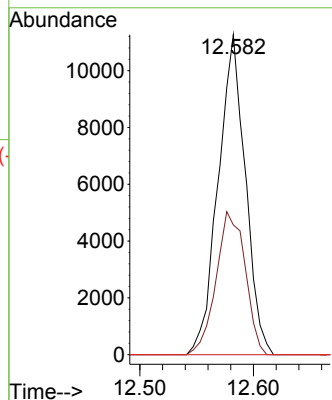
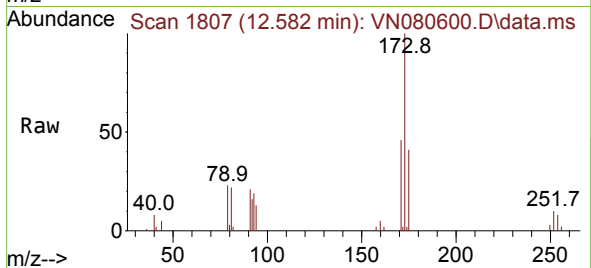
Tgt Ion:173 Resp: 18763

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: VN080600.D

Acq: 27 Dec 2023 14:10

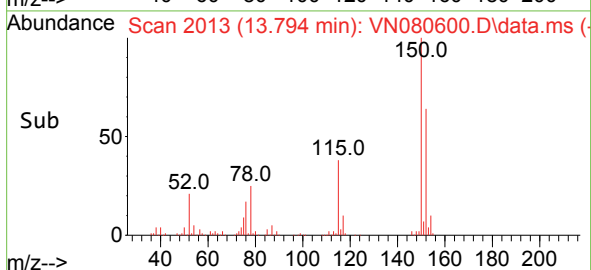
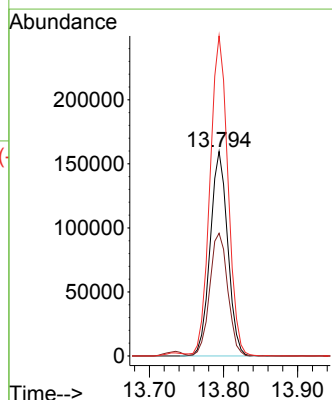
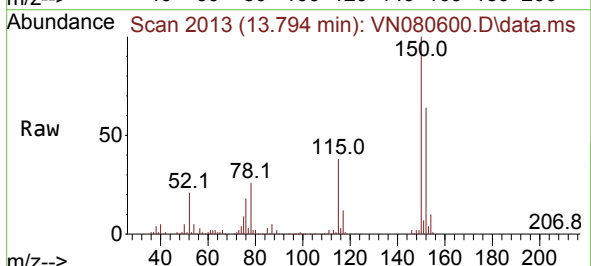
Tgt Ion:152 Resp: 261835

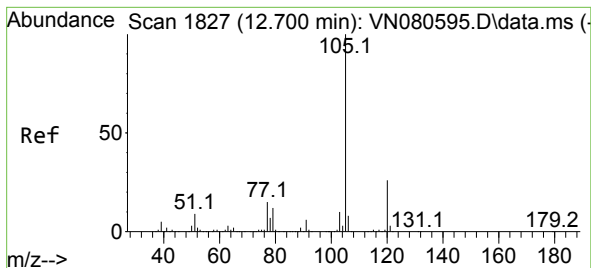
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 160.3 0.0 355.8





#73

Isopropylbenzene

Concen: 5.329 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

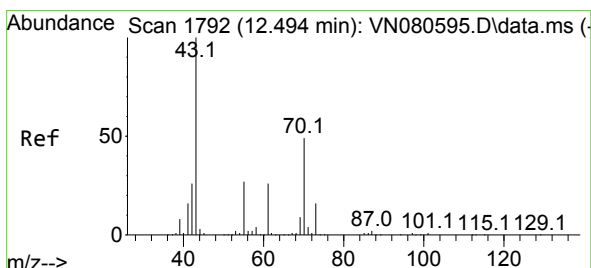
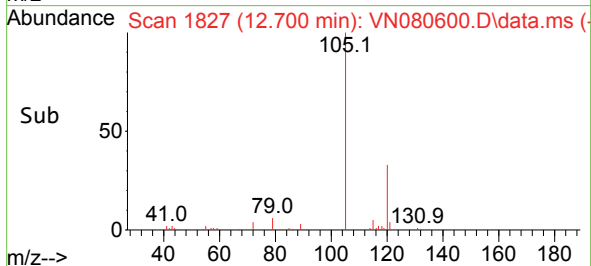
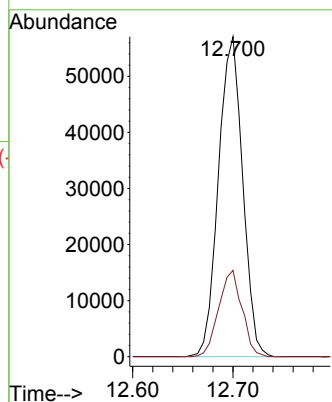
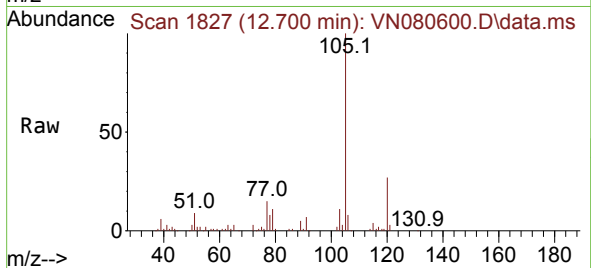
VSTDICC005

Tgt Ion:105 Resp: 95501

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 5.279 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Tgt Ion: 43 Resp: 33375

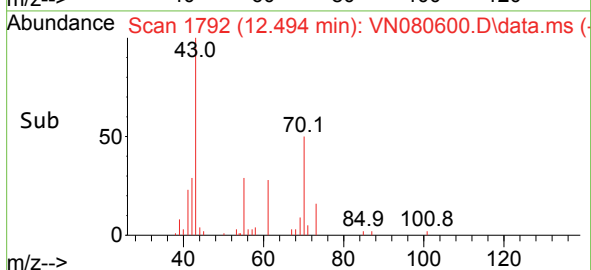
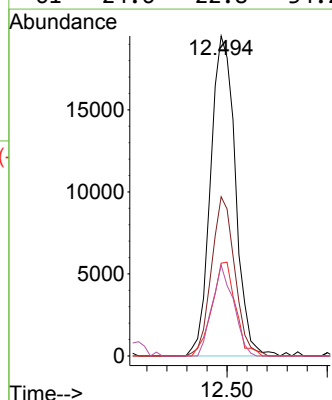
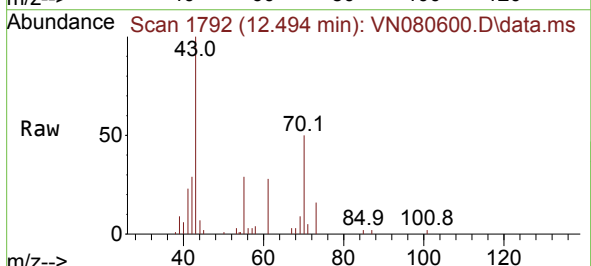
Ion Ratio Lower Upper

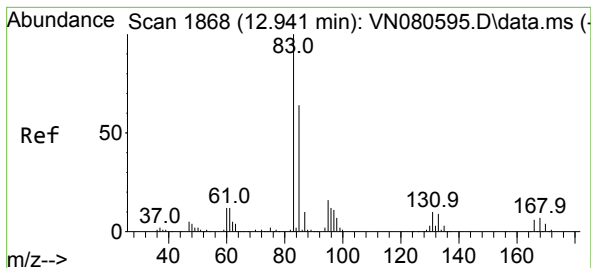
43 100

70 46.8 43.4 65.2

55 27.8 21.4 32.0

61 24.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.772 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

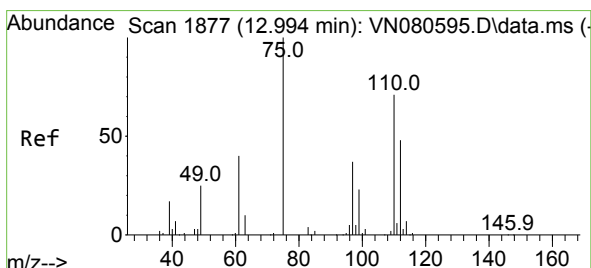
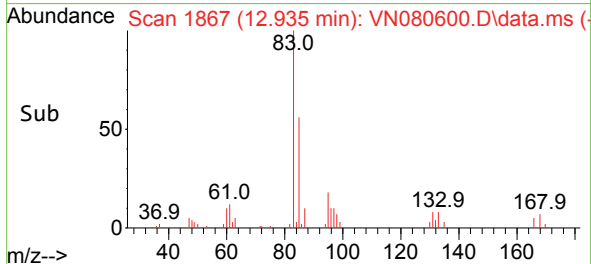
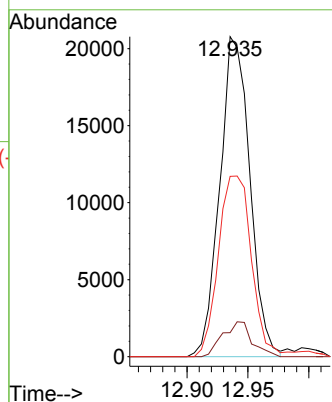
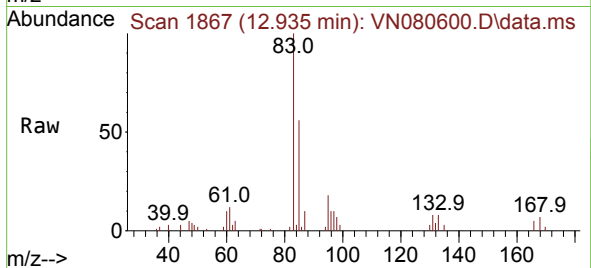
Tgt Ion: 83 Resp: 35694

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

85 62.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 7.986 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080600.D

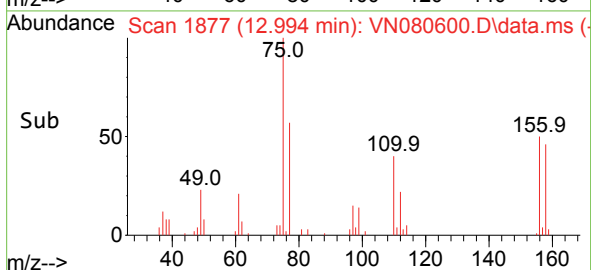
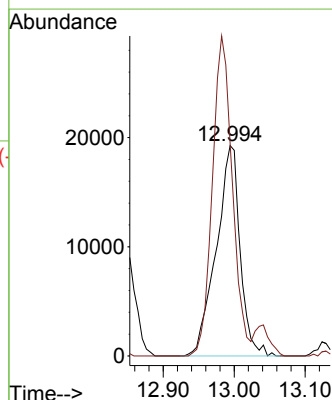
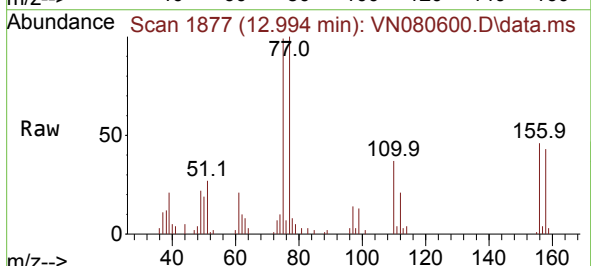
Acq: 27 Dec 2023 14:10

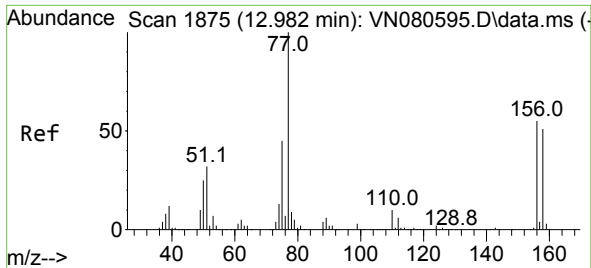
Tgt Ion: 75 Resp: 44977

Ion Ratio Lower Upper

75 100

77 127.6 84.5 253.5

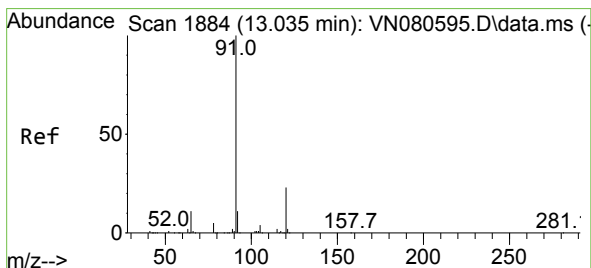
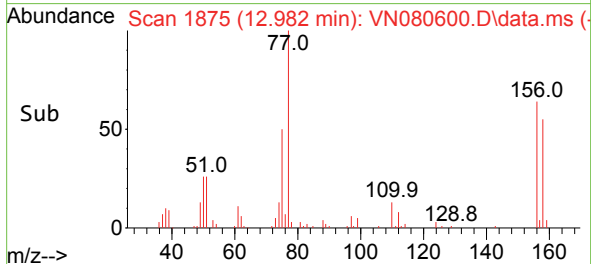
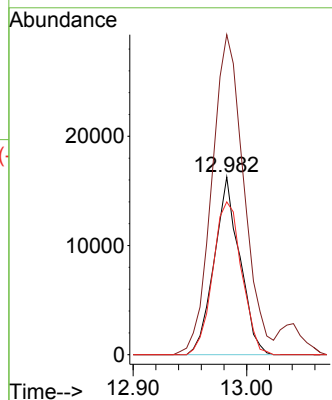
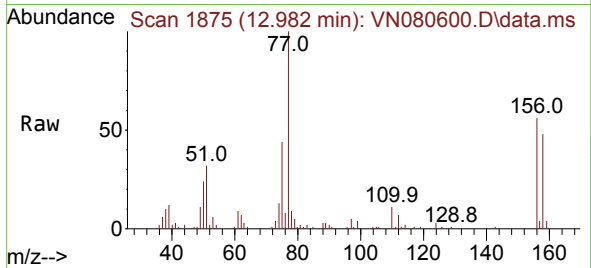




#77
Bromobenzene
Concen: 5.368 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

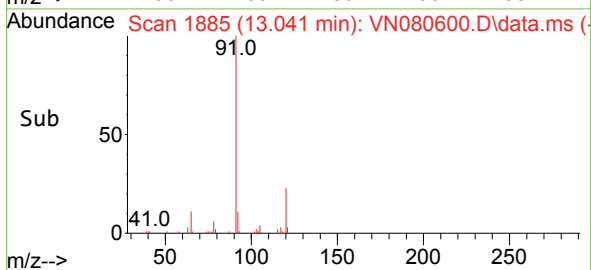
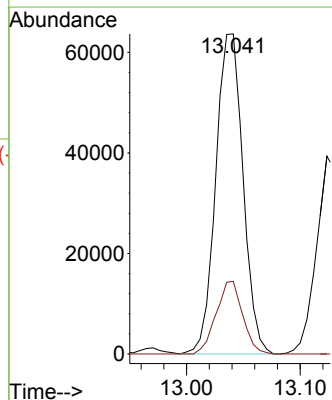
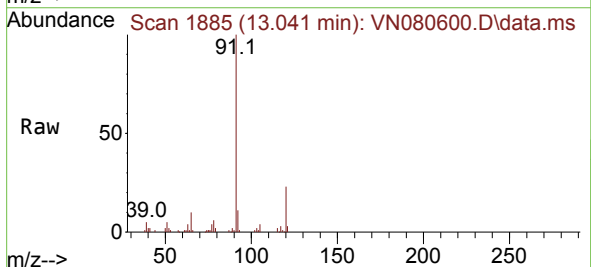
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

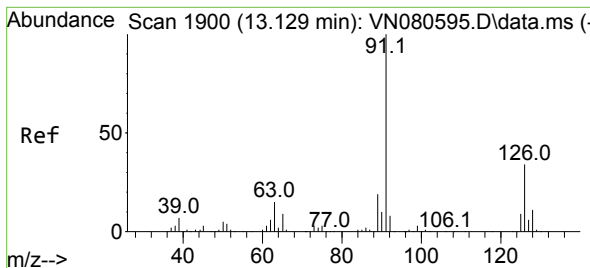
Tgt Ion:156 Resp: 25548
Ion Ratio Lower Upper
156 100
77 224.6 107.7 323.3
158 96.9 48.4 145.3



#78
n-propylbenzene
Concen: 5.187 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 91 Resp: 106293
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.259 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

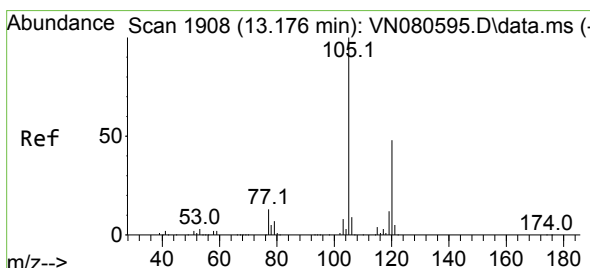
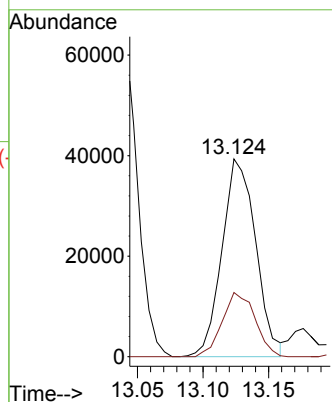
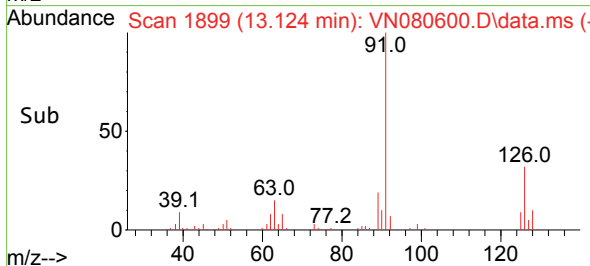
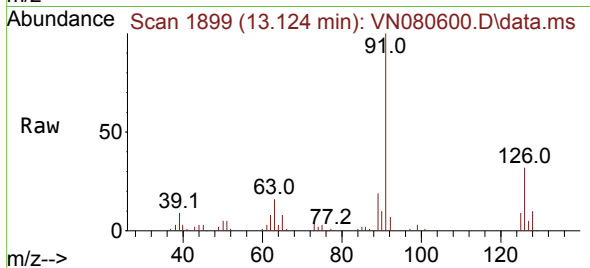
VSTDIC005

Tgt Ion: 91 Resp: 70365

Ion Ratio Lower Upper

91 100

126 31.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 4.996 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080600.D

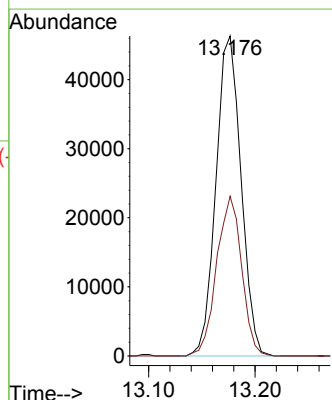
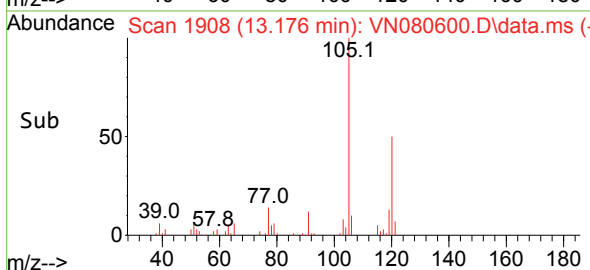
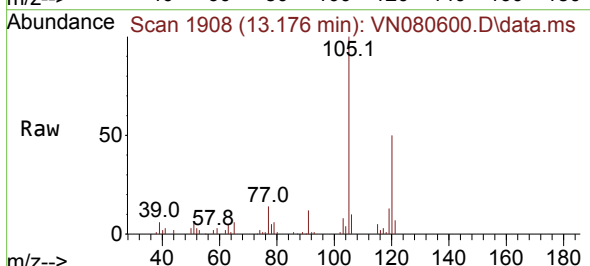
Acq: 27 Dec 2023 14:10

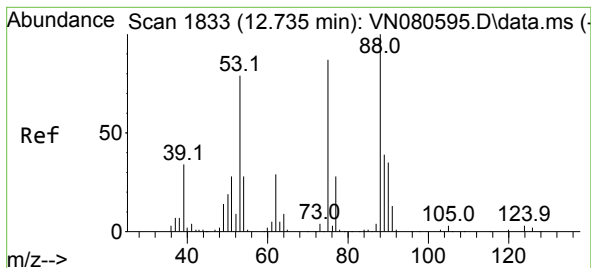
Tgt Ion:105 Resp: 75597

Ion Ratio Lower Upper

105 100

120 49.8 24.1 72.3

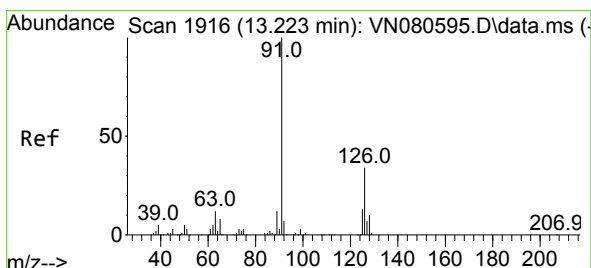
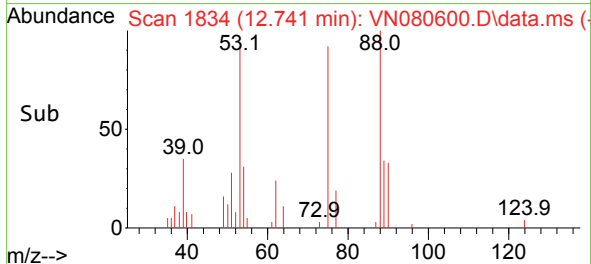
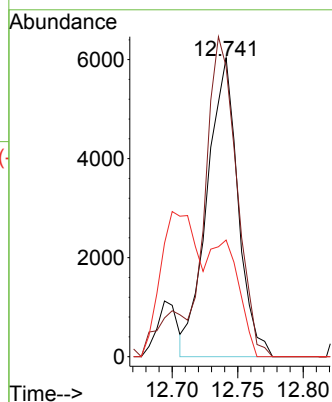
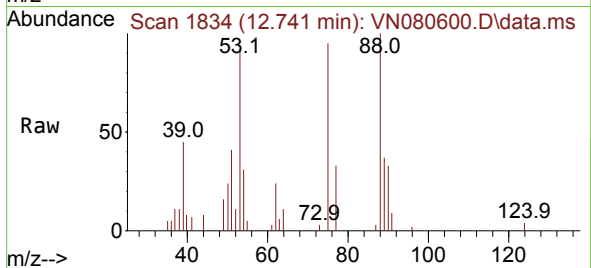




#81
trans-1,4-Dichloro-2-butene
Concen: 4.742 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

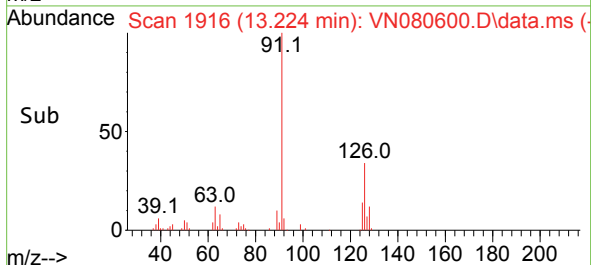
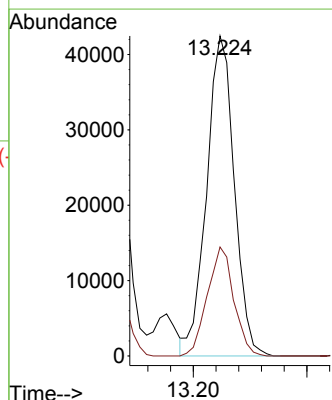
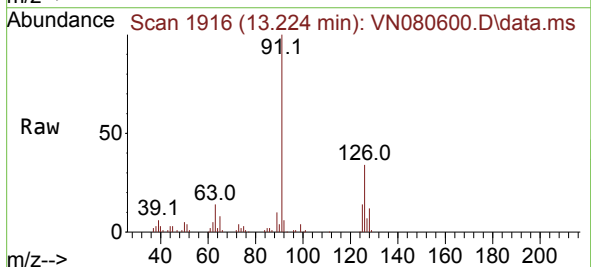
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

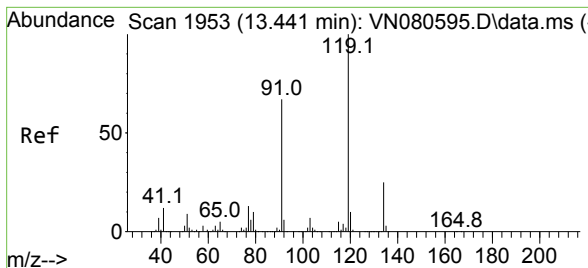
Tgt Ion: 75 Resp: 9859
Ion Ratio Lower Upper
75 100
53 121.9 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 5.252 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 91 Resp: 71853
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 4.947 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

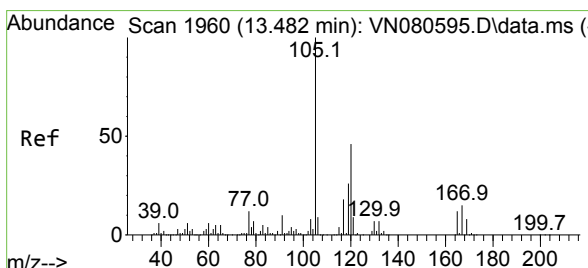
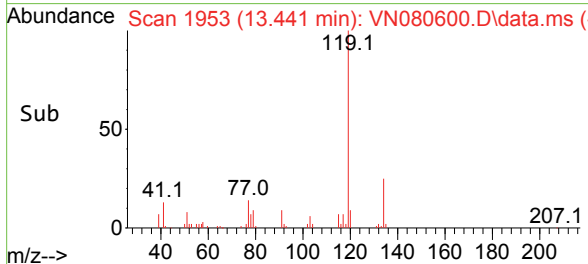
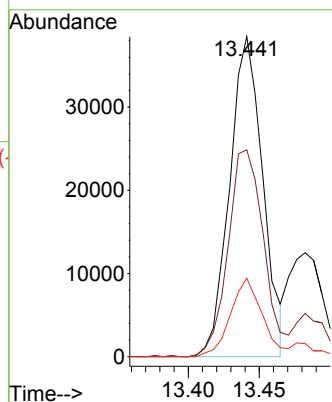
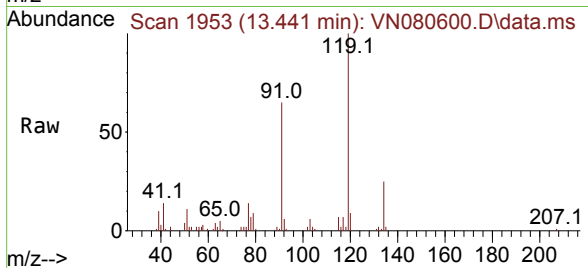
Tgt Ion:119 Resp: 62560

Ion Ratio Lower Upper

119 100

91 69.6 33.9 101.7

134 23.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 5.057 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080600.D

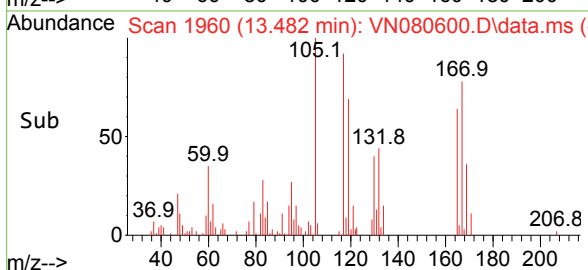
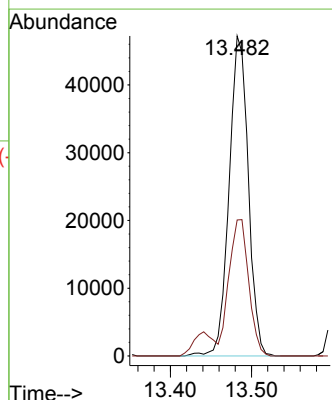
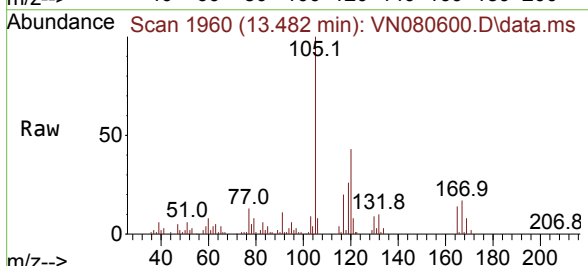
Acq: 27 Dec 2023 14:10

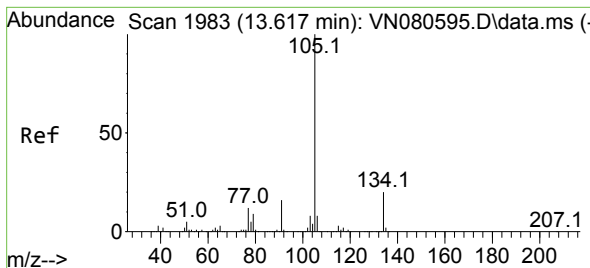
Tgt Ion:105 Resp: 77480

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 4.876 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

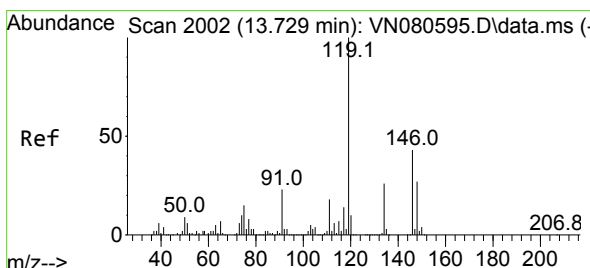
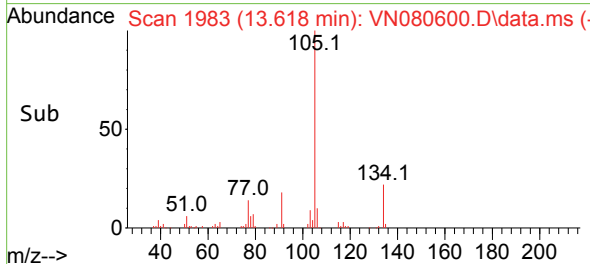
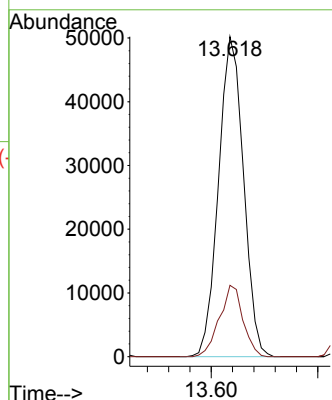
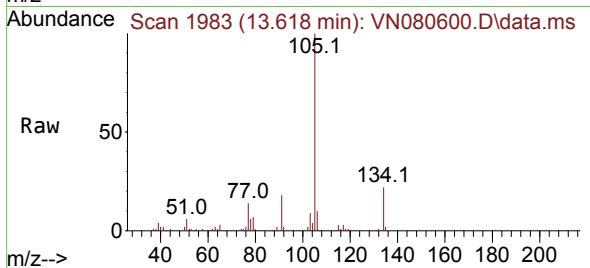
VSTDIC005

Tgt Ion:105 Resp: 81600

Ion Ratio Lower Upper

105 100

134 21.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 4.973 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

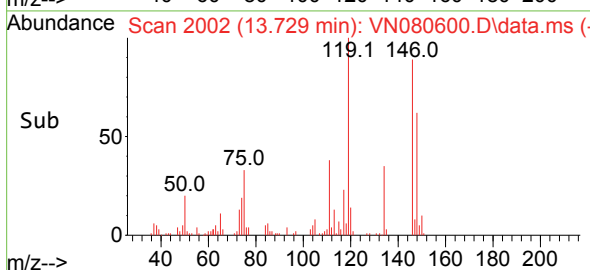
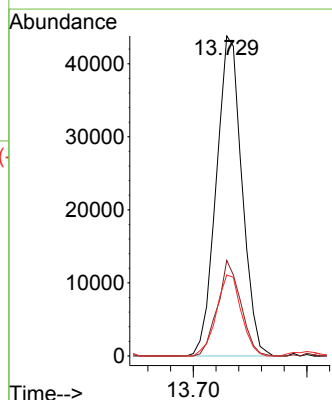
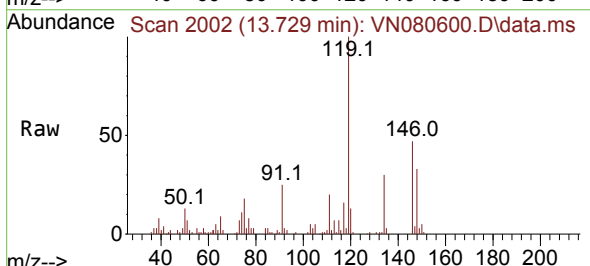
Tgt Ion:119 Resp: 68813

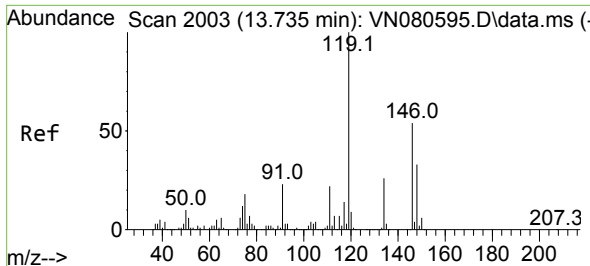
Ion Ratio Lower Upper

119 100

134 27.0 12.6 37.8

91 24.7 12.4 37.2

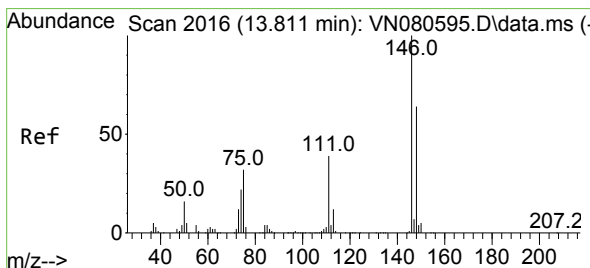
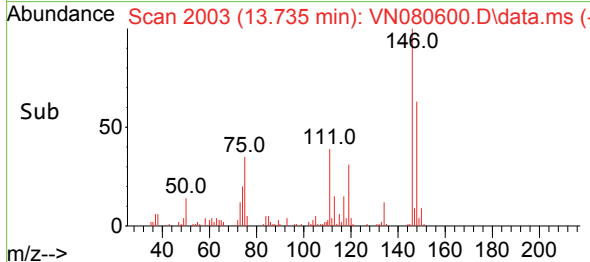
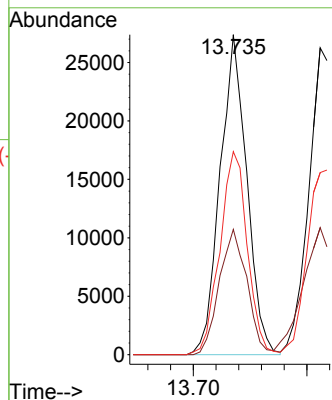
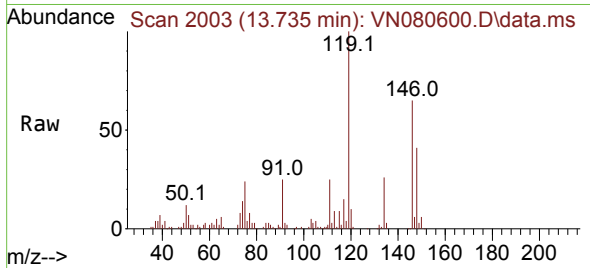




#87
1,3-Dichlorobenzene
Concen: 5.218 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

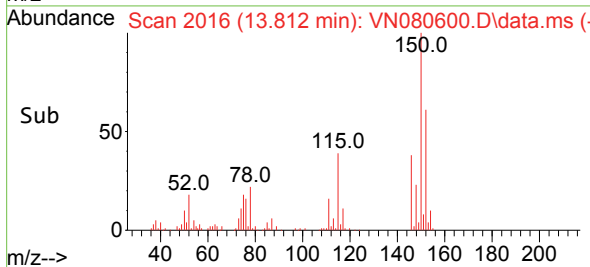
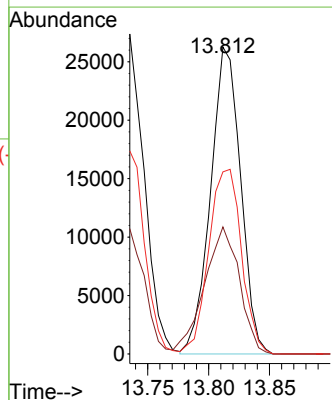
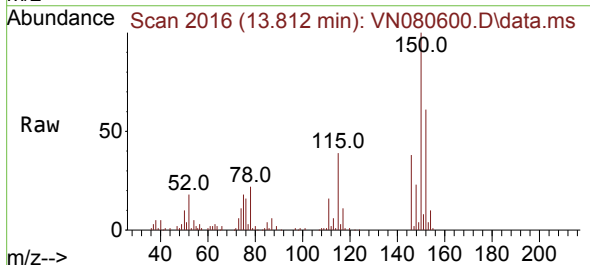
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

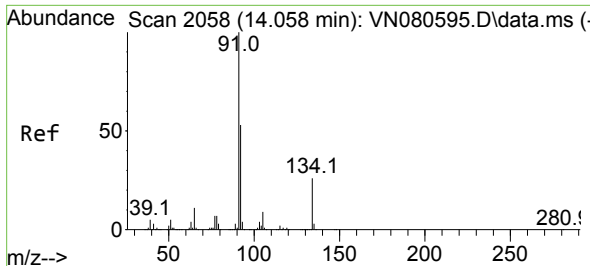
Tgt Ion:146 Resp: 44759
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.3
148 65.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 5.238 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion:146 Resp: 45163
Ion Ratio Lower Upper
146 100
111 48.3 20.6 61.8
148 65.7 31.6 94.8

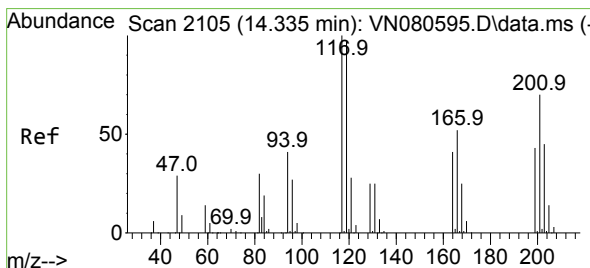
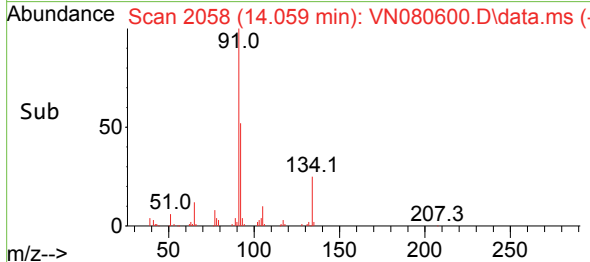
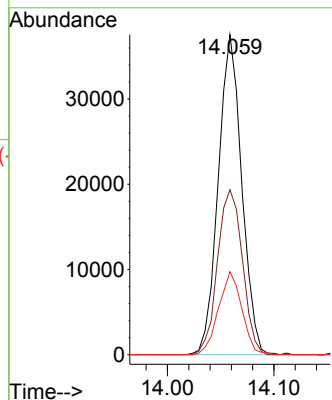
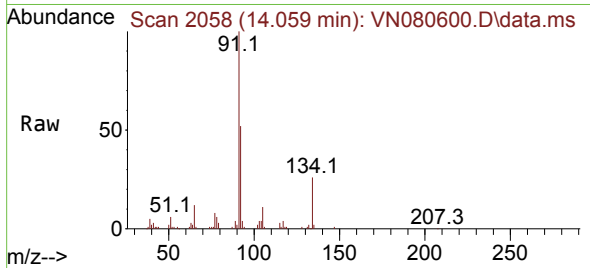




#89
n-Butylbenzene
Concen: 4.590 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

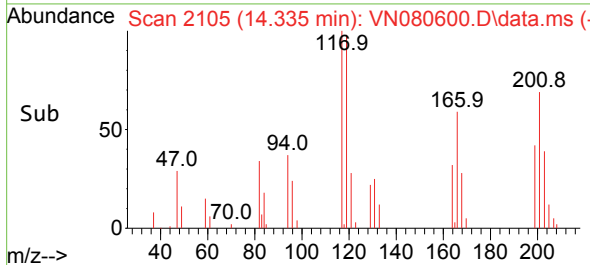
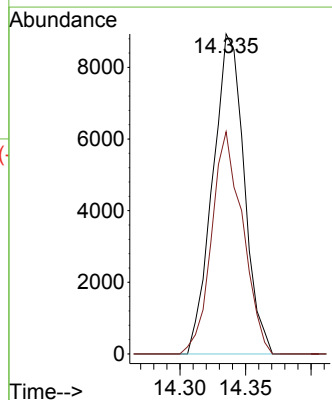
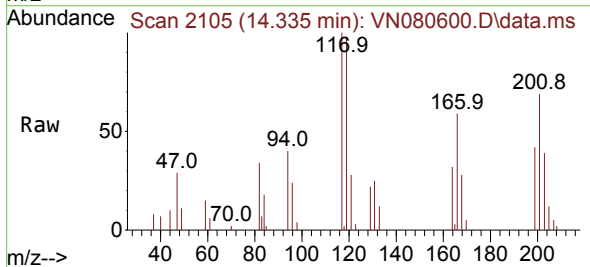
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

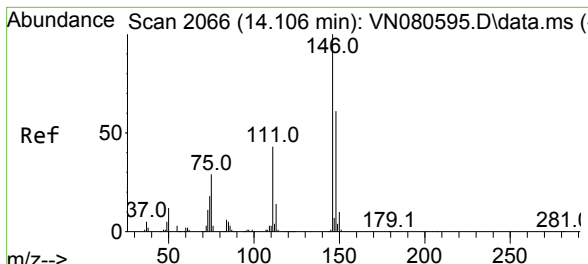
Tgt Ion: 91 Resp: 57413
Ion Ratio Lower Upper
91 100
92 54.7 26.4 79.0
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 5.687 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion: 117 Resp: 14858
Ion Ratio Lower Upper
117 100
201 68.7 29.3 88.0

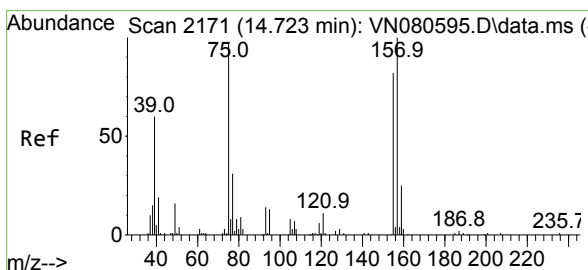
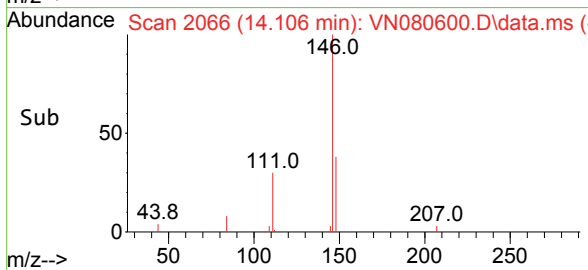
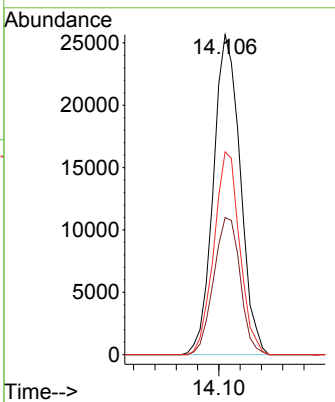
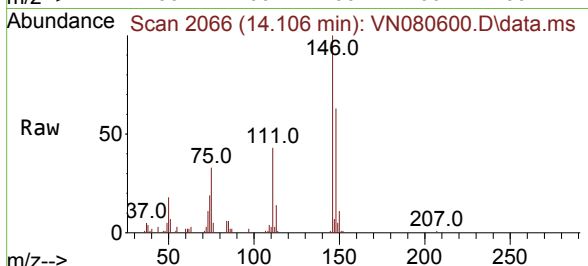




#91
 1,2-Dichlorobenzene
 Concen: 5.416 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080600.D
 Acq: 27 Dec 2023 14:10

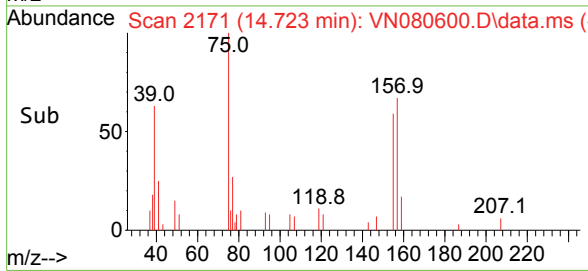
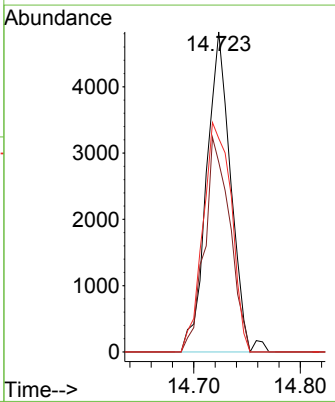
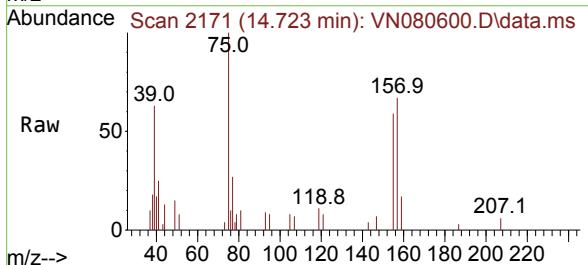
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

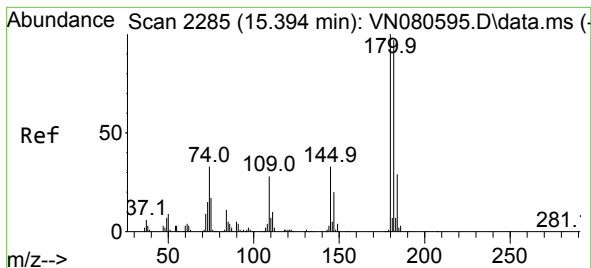
Tgt Ion:	146	Resp:	44838
Ion Ratio	Lower	Upper	
146	100		
111	42.4	22.0	66.0
148	61.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.960 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080600.D
 Acq: 27 Dec 2023 14:10

Tgt Ion:	75	Resp:	7607
Ion Ratio	Lower	Upper	
75	100		
155	70.5	39.1	117.2
157	83.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 4.888 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

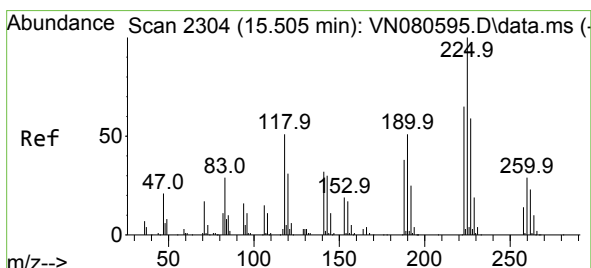
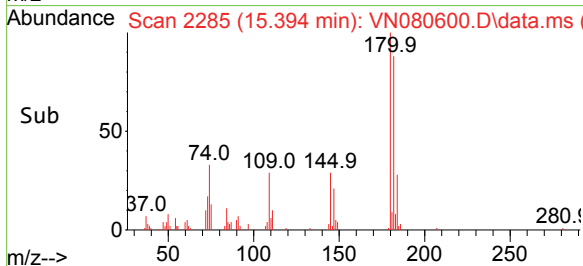
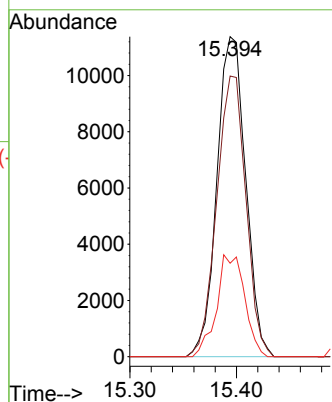
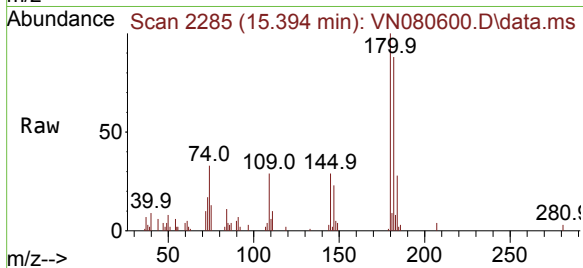
Tgt Ion:180 Resp: 21354

Ion Ratio Lower Upper

180 100

182 89.0 46.1 138.2

145 31.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 4.573 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080600.D

Acq: 27 Dec 2023 14:10

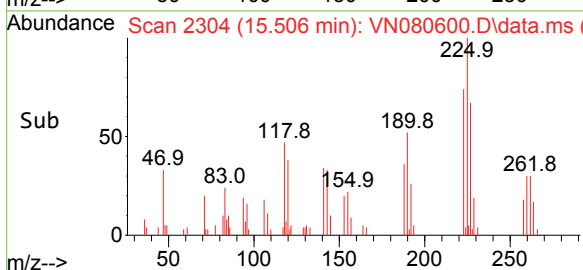
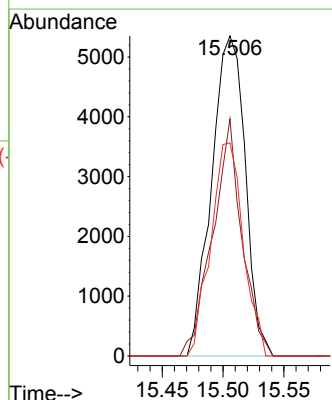
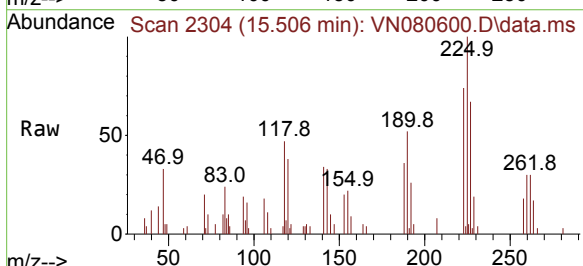
Tgt Ion:225 Resp: 10308

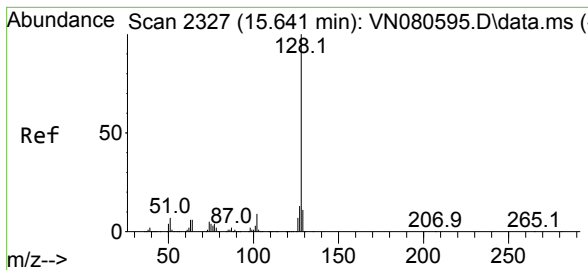
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 64.2 31.9 95.9

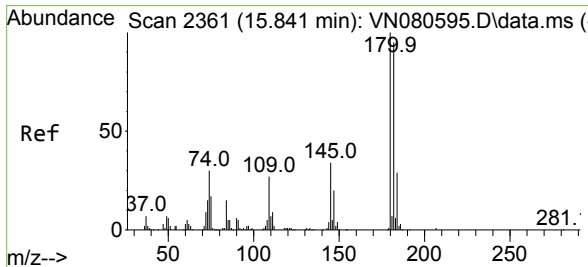
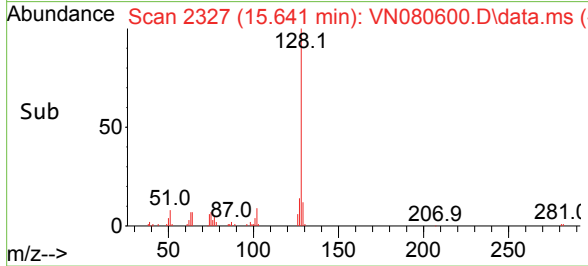
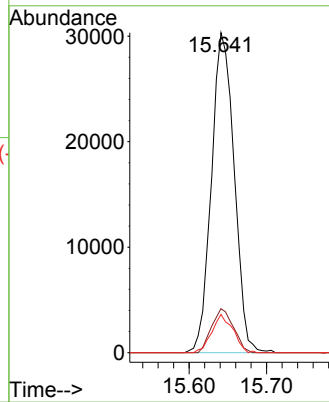
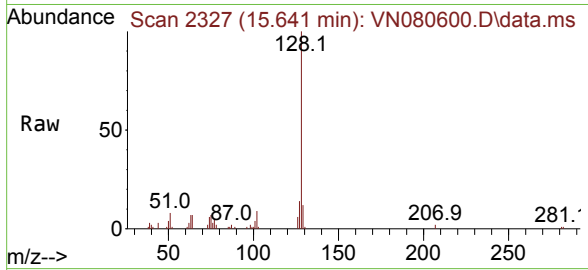




#95
Naphthalene
Concen: 4.558 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 61967
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.696 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080600.D
Acq: 27 Dec 2023 14:10

Tgt Ion:180 Resp: 20738
Ion Ratio Lower Upper
180 100
182 92.2 46.2 138.6
145 34.3 17.5 52.6

