

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080607.D
 Acq On : 29 Dec 2023 12:00
 Operator : JC\MD
 Sample : VN1229WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

Quant Time: Dec 29 23:38:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	478225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	950966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	756633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	334227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	303057	49.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.800%
35) Dibromofluoromethane	8.165	113	248211	40.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.720%
50) Toluene-d8	10.571	98	1089285	50.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.853	95	351584	48.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95570	17.990	ug/l	96
3) Chloromethane	2.359	50	123604	19.385	ug/l	98
4) Vinyl Chloride	2.512	62	112112	18.965	ug/l	96
5) Bromomethane	2.959	94	45826	20.399	ug/l	92
6) Chloroethane	3.118	64	72333	19.598	ug/l	99
7) Trichlorofluoromethane	3.495	101	178134	21.103	ug/l	96
8) Diethyl Ether	3.959	74	55779	19.242	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.365	101	89494	19.422	ug/l	97
10) Methyl Iodide	4.589	142	55206	17.341	ug/l	98
11) Tert butyl alcohol	5.524	59	78050	94.575	ug/l	98
12) 1,1-Dichloroethene	4.342	96	85213	19.280	ug/l	93
13) Acrolein	4.177	56	58726	62.938	ug/l	97
14) Allyl chloride	5.024	41	142943	21.303	ug/l	90
15) Acrylonitrile	5.712	53	231442	98.328	ug/l	99
16) Acetone	4.424	43	157332	94.352	ug/l	94
17) Carbon Disulfide	4.706	76	205283	17.272	ug/l	99
18) Methyl Acetate	5.018	43	209998	22.715	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	326174	20.498	ug/l	95
20) Methylene Chloride	5.277	84	101378	19.054	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	108171	20.256	ug/l	90
22) Diisopropyl ether	6.671	45	252228	16.923	ug/l	93
23) Vinyl Acetate	6.600	43	636297	76.975	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	158465	15.863	ug/l	97
25) 2-Butanone	7.483	43	220207	70.656	ug/l	88
26) 2,2-Dichloropropane	7.489	77	140232	16.126	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	102283	16.103	ug/l	93
28) Bromochloromethane	7.812	49	59304	12.767	ug/l	88
29) Tetrahydrofuran	7.841	42	150472	74.031	ug/l	86
30) Chloroform	7.965	83	171327	17.082	ug/l	93
31) Cyclohexane	8.259	56	126768	15.274	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	151623	16.766	ug/l	96
36) 1,1-Dichloropropene	8.377	75	126681	13.383	ug/l	96
37) Ethyl Acetate	7.559	43	91554	12.818	ug/l	98
38) Carbon Tetrachloride	8.359	117	131696	13.600	ug/l	95
39) Methylcyclohexane	9.606	83	127274	16.393	ug/l	91
40) Benzene	8.606	78	403549	14.883	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	54071	12.276	ug/l	92
42) 1,2-Dichloroethane	8.671	62	134964	15.389	ug/l	98
43) Isopropyl Acetate	8.688	43	180601	15.600	ug/l	97
44) Trichloroethene	9.353	130	114399	16.191	ug/l	95
45) 1,2-Dichloropropane	9.624	63	120510	18.733	ug/l	93
46) Dibromomethane	9.712	93	76733	17.728	ug/l	91
47) Bromodichloromethane	9.888	83	153729	16.944	ug/l	96
48) Methyl methacrylate	9.682	41	114266	17.776	ug/l #	82
49) 1,4-Dioxane	9.694	88	35035	341.000	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	579645	88.032	ug/l	98
52) Toluene	10.635	92	281834	18.726	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	154698	16.913	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	182966	17.874	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	101534	17.008	ug/l	96
56) Ethyl methacrylate	10.877	69	99362	16.992	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	175923	17.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	320143	77.526	ug/l	93
59) 2-Hexanone	11.200	43	424606	85.559	ug/l	92
60) Dibromochloromethane	11.359	129	111529	16.777	ug/l	99
61) 1,2-Dibromoethane	11.471	107	102930	17.100	ug/l	97
64) Tetrachloroethene	11.106	164	83867	16.588	ug/l	91
65) Chlorobenzene	11.894	112	270986	17.216	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	104866	17.320	ug/l	96
67) Ethyl Benzene	11.965	91	451640	17.163	ug/l	98
68) m/p-Xylenes	12.071	106	345750	35.411	ug/l	98
69) o-Xylene	12.400	106	164578	17.162	ug/l	98
70) Styrene	12.412	104	246306	17.662	ug/l	98
71) Bromoform	12.582	173	70218	16.395	ug/l #	97
73) Isopropylbenzene	12.700	105	401318	17.543	ug/l	99
74) N-amyl acetate	12.494	43	145894	18.078	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	137742	17.448	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	178262	24.798	ug/l	72
77) Bromobenzene	12.982	156	106451	17.521	ug/l	99
78) n-propylbenzene	13.041	91	461879	17.656	ug/l	99
79) 2-Chlorotoluene	13.129	91	292111	17.104	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	335810	17.385	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	46920	17.680	ug/l	89
82) 4-Chlorotoluene	13.223	91	300911	17.229	ug/l	100
83) tert-Butylbenzene	13.441	119	267951	16.598	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	341159	17.443	ug/l	99
85) sec-Butylbenzene	13.618	105	360795	16.888	ug/l	99
86) p-Isopropyltoluene	13.729	119	316428	16.502	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	181282	16.556	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	182105	16.544	ug/l	98
89) n-Butylbenzene	14.059	91	265644	16.638	ug/l	99
90) Hexachloroethane	14.335	117	53336	15.994	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	172162	16.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24473	15.020	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	90002	16.141	ug/l	97
94) Hexachlorobutadiene	15.506	225	42072	14.621	ug/l	99
95) Naphthalene	15.647	128	280491	16.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	91522	16.236	ug/l	98

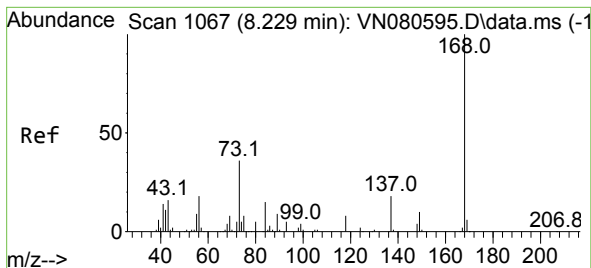
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Response via : Initial Calibration

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# 10

Delta R.T. -0.005 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

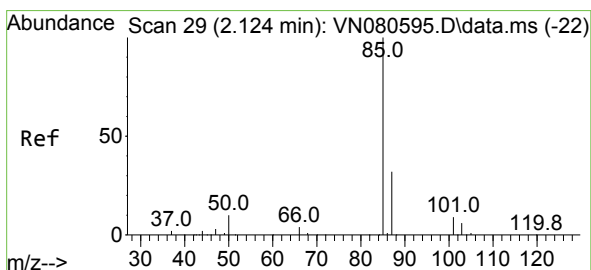
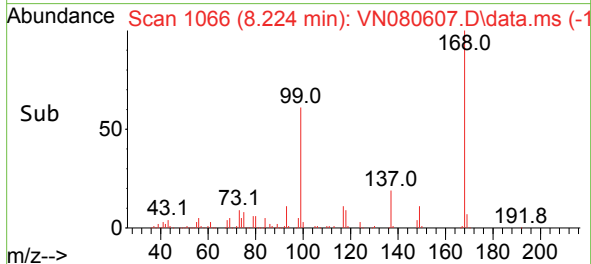
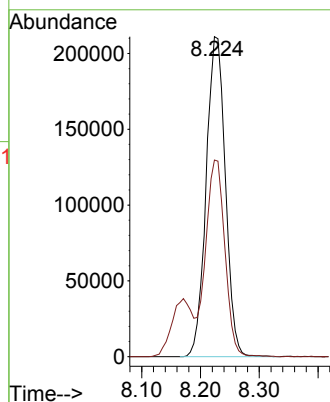
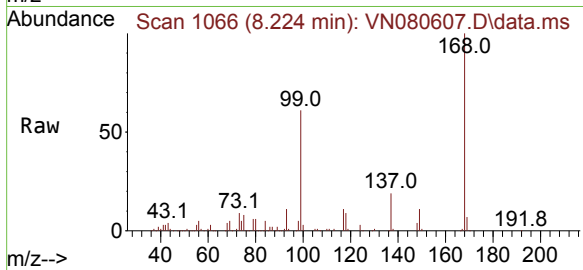
VN1229WBS01

Tgt Ion:168 Resp: 478225

Ion Ratio Lower Upper

168 100

99 61.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.990 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080607.D

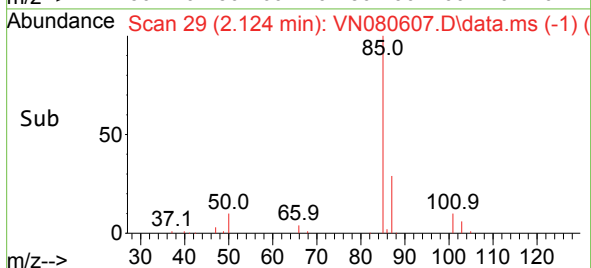
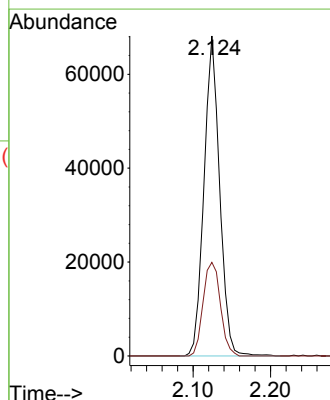
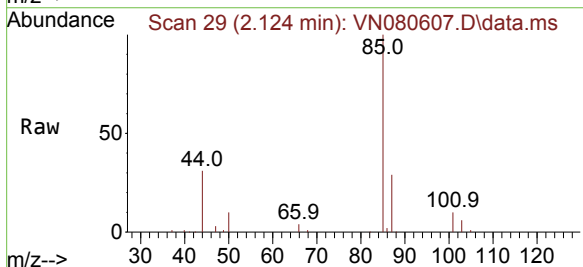
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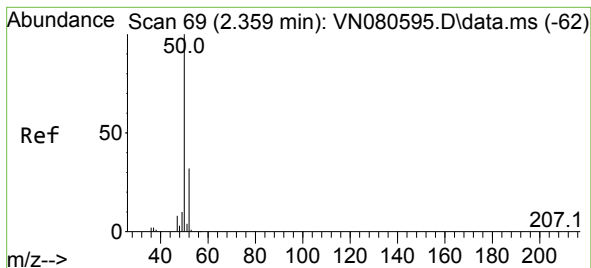
Tgt Ion: 85 Resp: 95570

Ion Ratio Lower Upper

85 100

87 29.2 15.8 47.4





#3

Chloromethane

Concen: 19.385 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

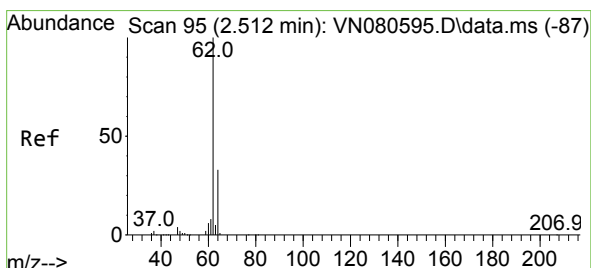
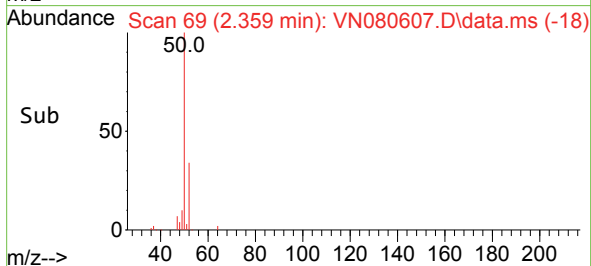
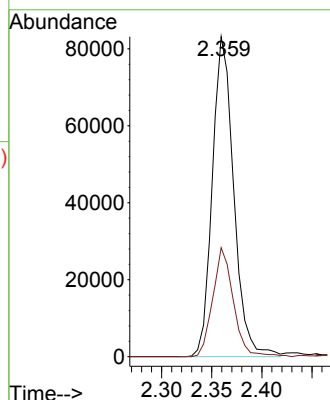
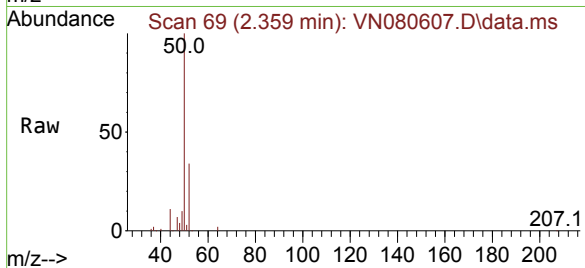
VN1229WBS01

Tgt Ion: 50 Resp: 123604

Ion Ratio Lower Upper

50 100

52 34.0 26.5 39.7



#4

Vinyl Chloride

Concen: 18.965 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080607.D

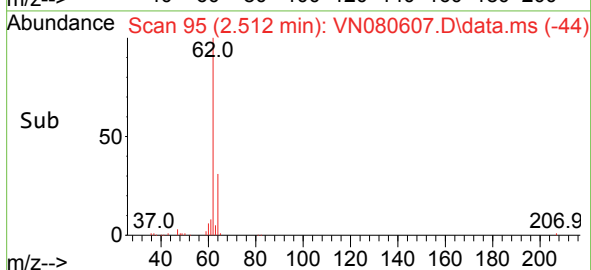
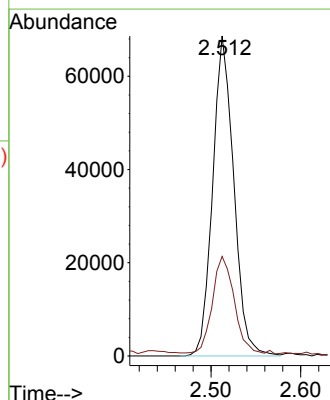
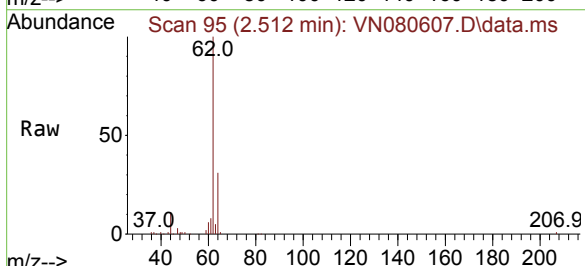
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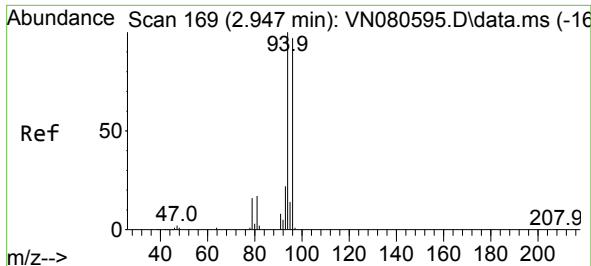
Tgt Ion: 62 Resp: 112112

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.2

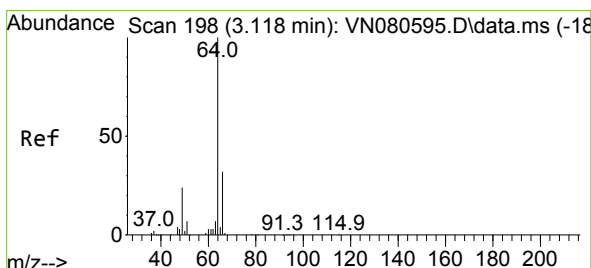
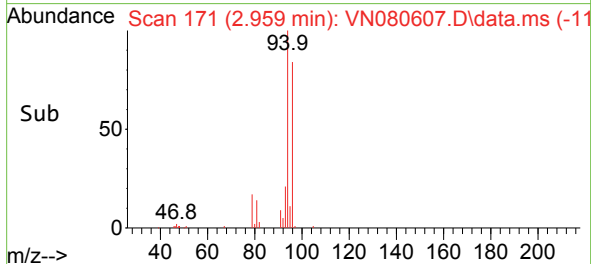
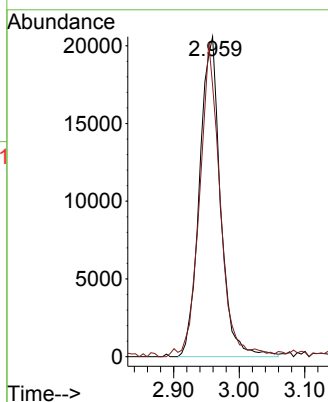
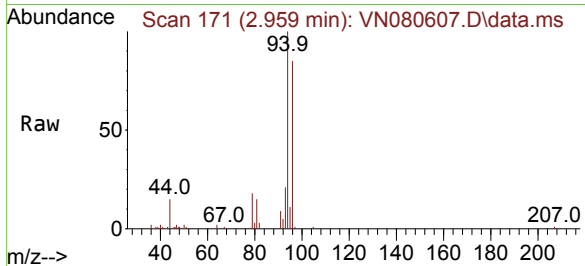




#5
Bromomethane
Concen: 20.399 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

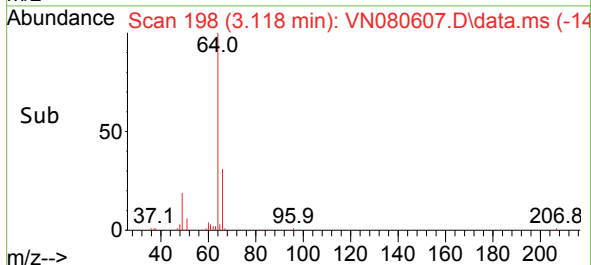
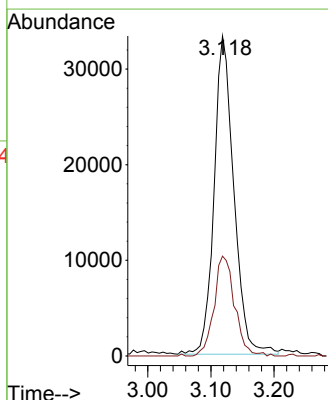
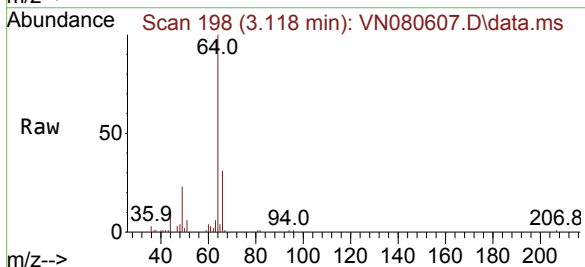
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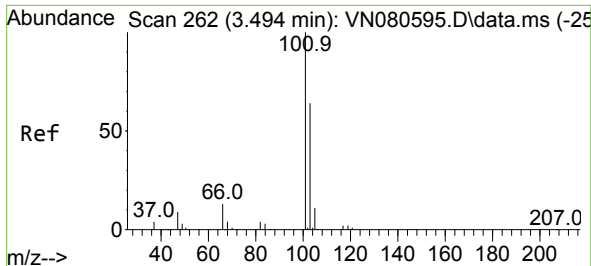
Tgt Ion: 94 Resp: 45826
Ion Ratio Lower Upper
94 100
96 83.4 73.1 109.7



#6
Chloroethane
Concen: 19.598 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 64 Resp: 72333
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

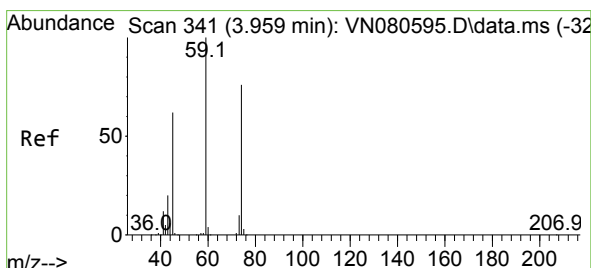
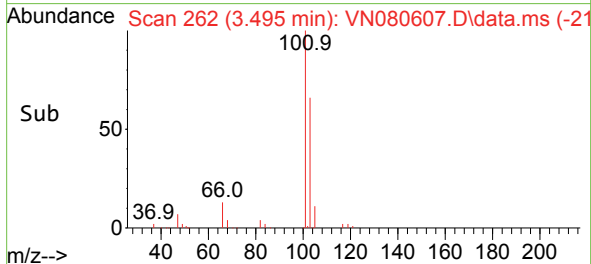
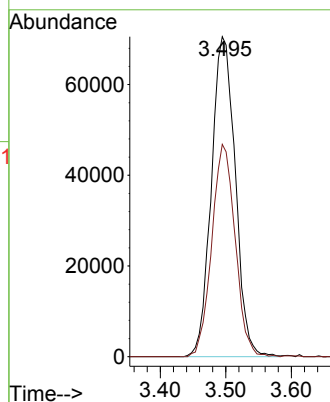
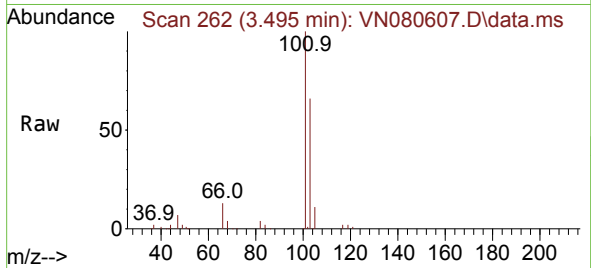




#7
Trichlorofluoromethane
Concen: 21.103 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

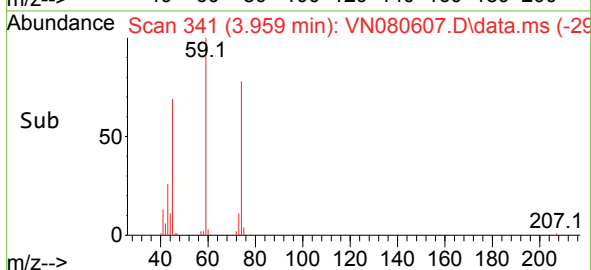
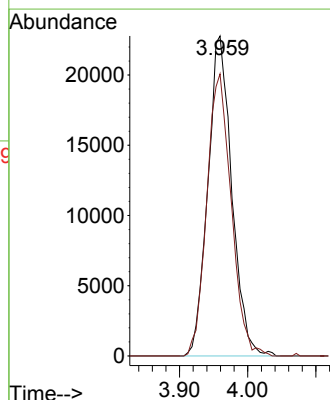
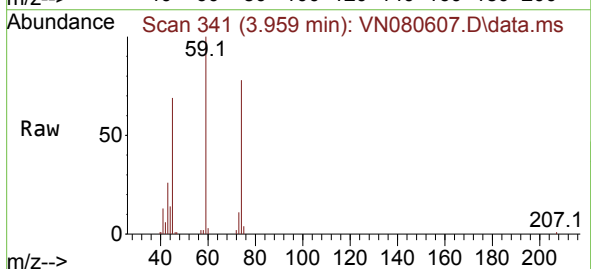
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MSVOA_N
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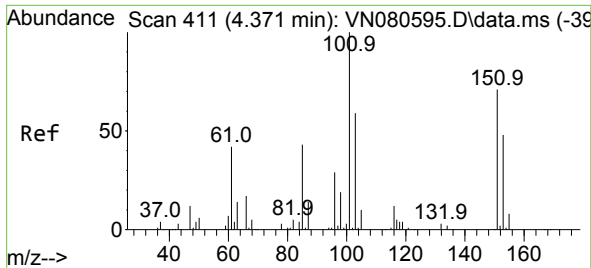
Tgt Ion:101 Resp: 178134
Ion Ratio Lower Upper
101 100
103 66.4 50.7 76.1



#8
Diethyl Ether
Concen: 19.242 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 74 Resp: 55779
Ion Ratio Lower Upper
74 100
45 90.0 34.4 103.3

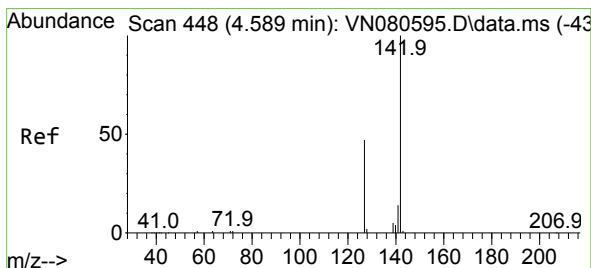
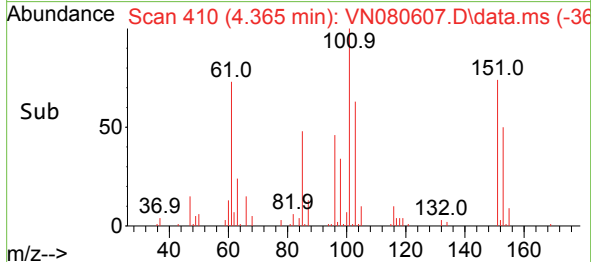
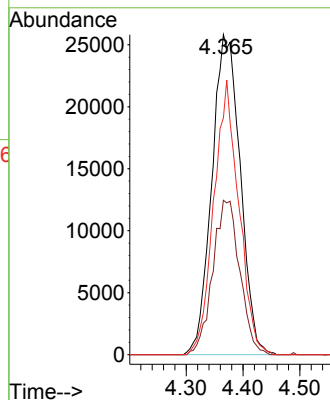
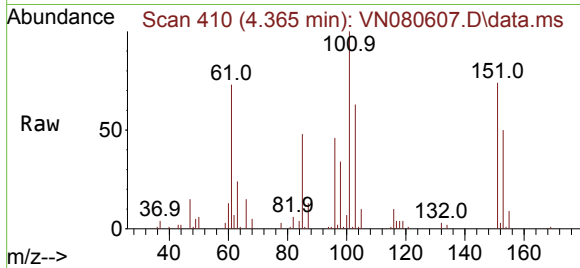




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.422 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

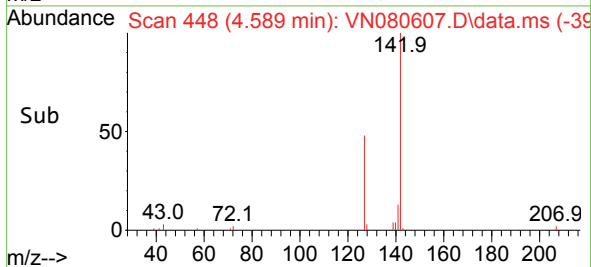
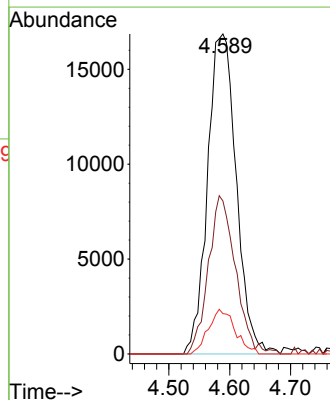
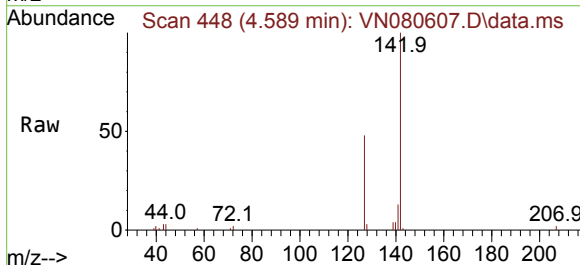
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

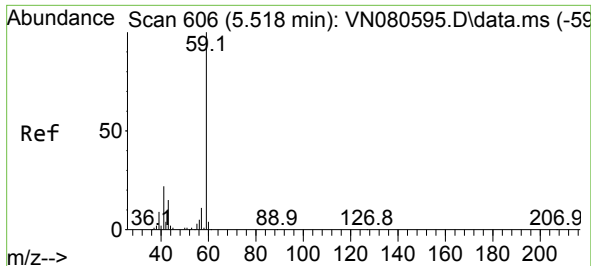
Tgt Ion:101 Resp: 89494
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 75.6 57.6 86.4



#10
Methyl Iodide
Concen: 17.341 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:142 Resp: 55206
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 12.6 11.4 17.0

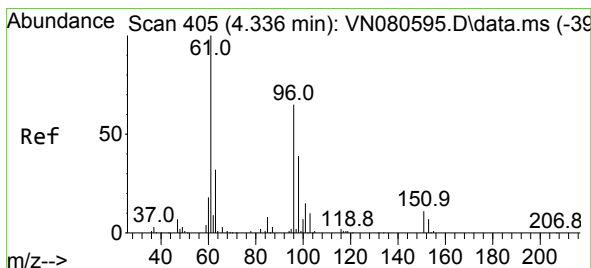
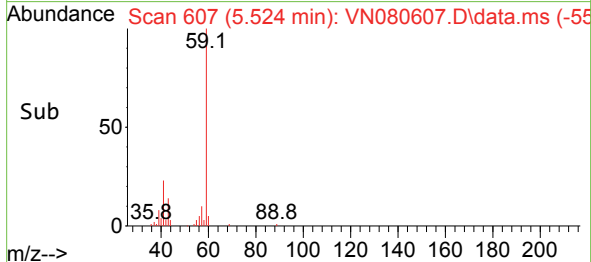
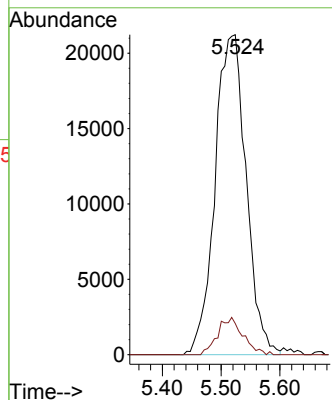
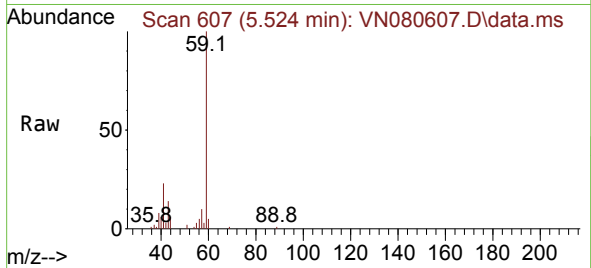




#11
Tert butyl alcohol
Concen: 94.575 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

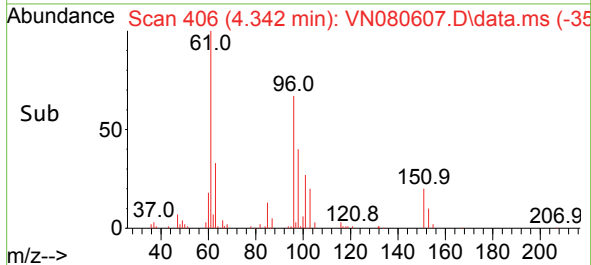
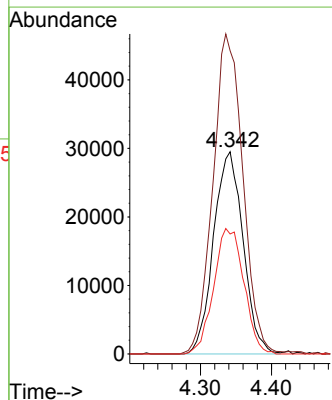
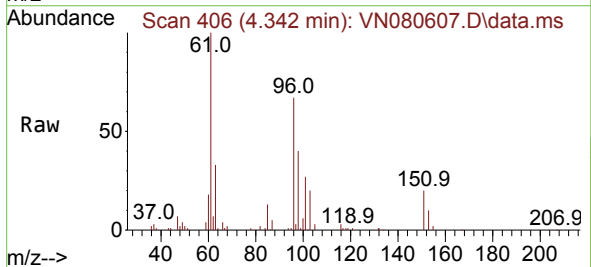
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

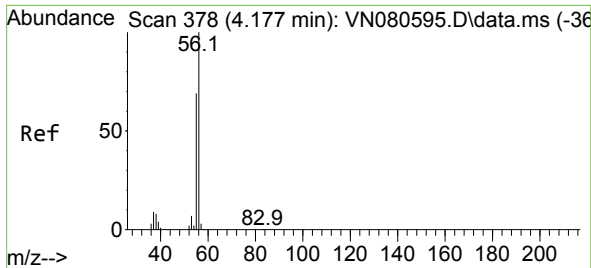
Tgt Ion: 59 Resp: 78050
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.280 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 96 Resp: 85213
Ion Ratio Lower Upper
96 100
61 149.9 112.7 169.1
98 59.3 51.2 76.8





#13

Acrolein

Concen: 62.938 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

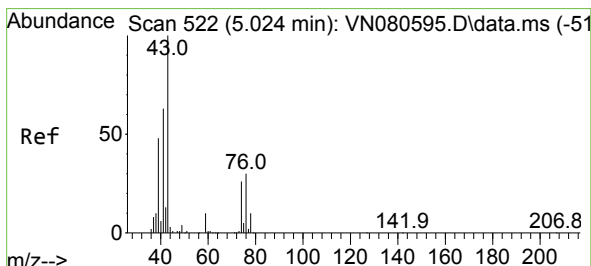
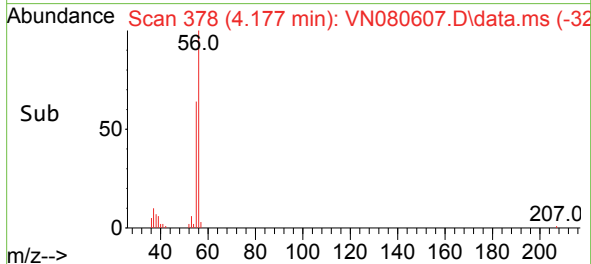
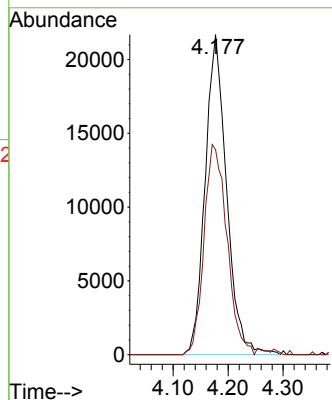
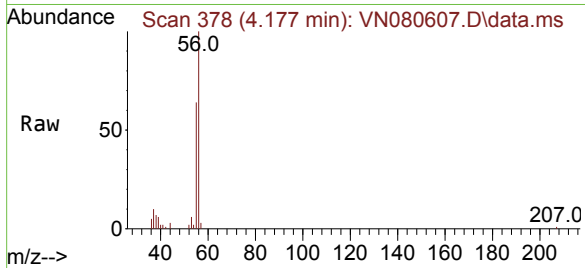
VN1229WBS01

Tgt Ion: 56 Resp: 58726

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7



#14

Allyl chloride

Concen: 21.303 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

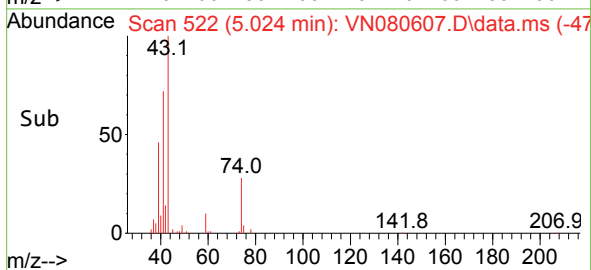
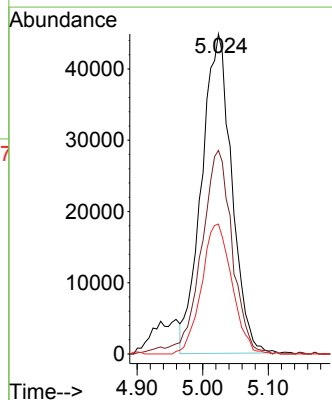
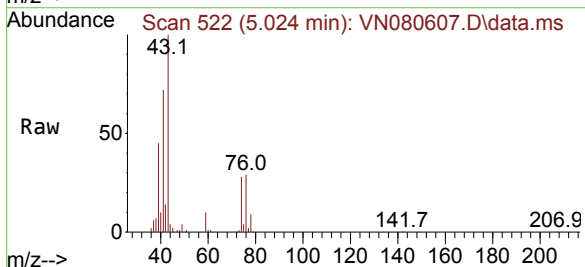
Tgt Ion: 41 Resp: 142943

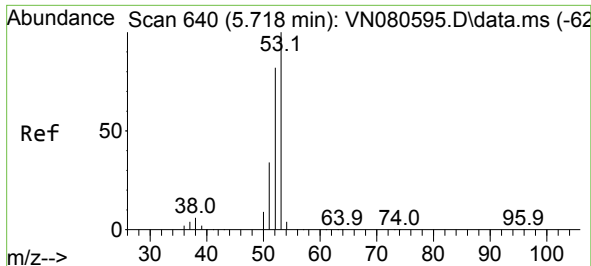
Ion Ratio Lower Upper

41 100

39 66.0 58.8 88.2

76 41.2 39.1 58.7

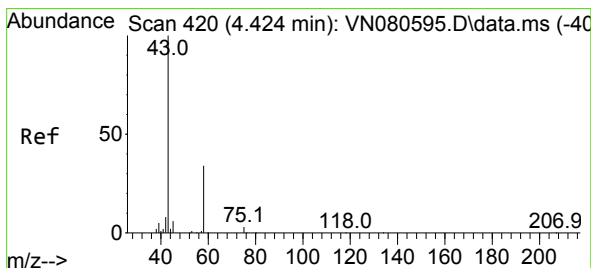
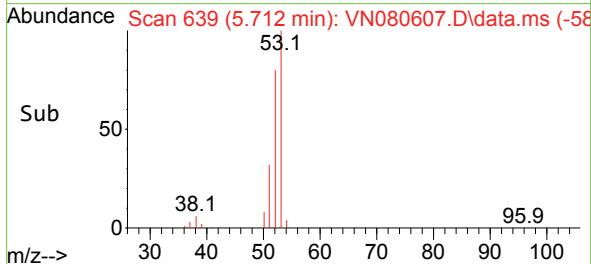
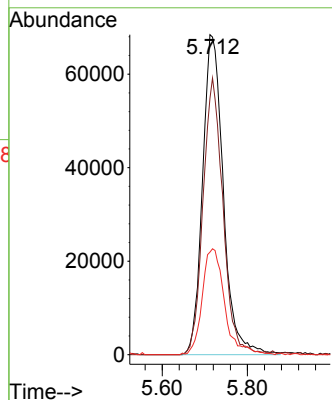
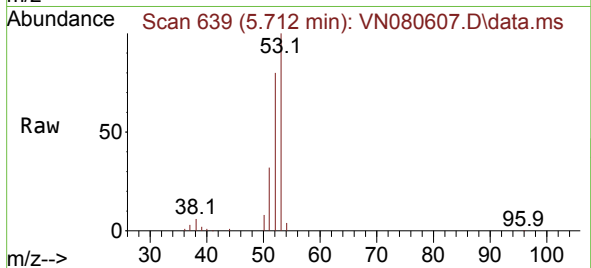




#15
Acrylonitrile
Concen: 98.328 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

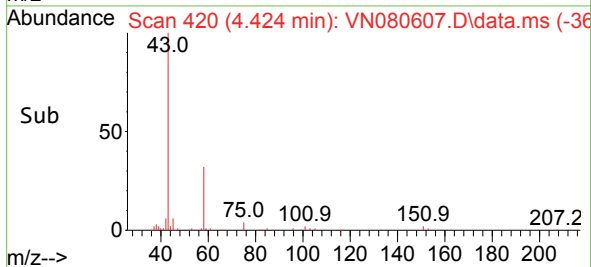
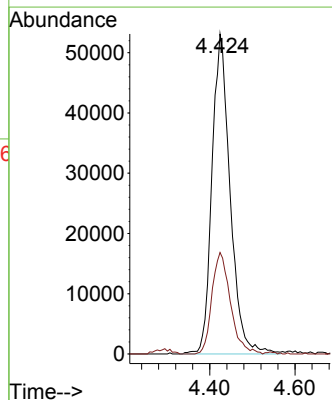
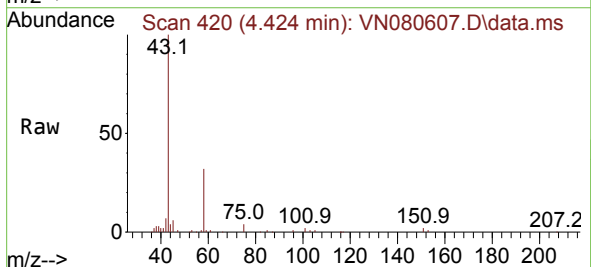
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

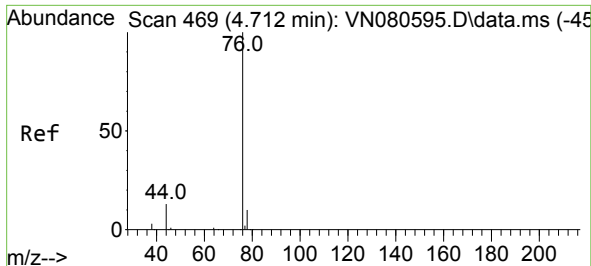
Tgt Ion: 53 Resp: 231442
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 94.352 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 43 Resp: 157332
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

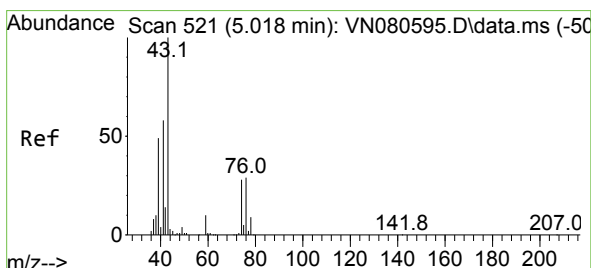
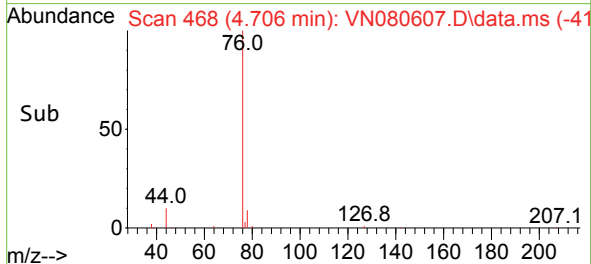
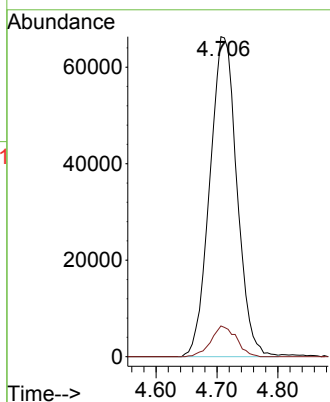
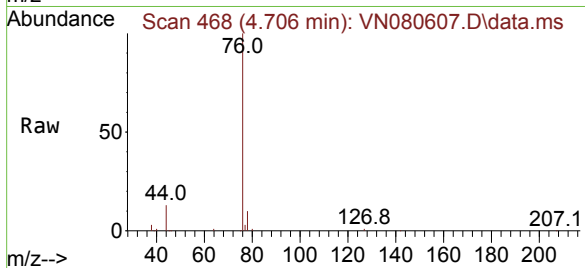




#17
Carbon Disulfide
Concen: 17.272 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

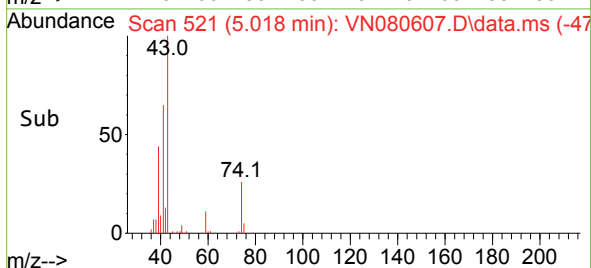
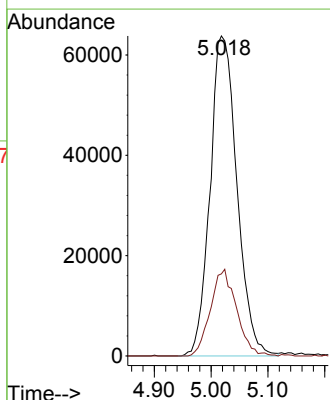
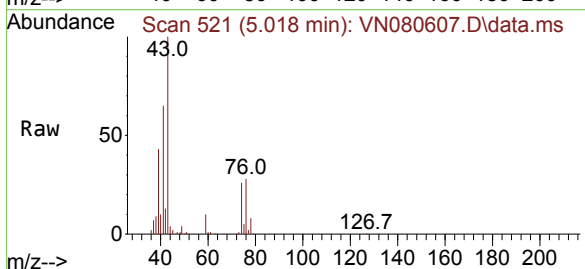
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

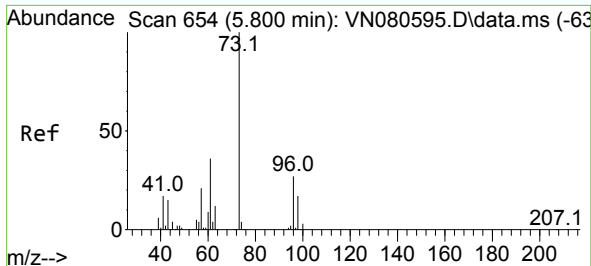
Tgt Ion: 76 Resp: 205283
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 22.715 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 43 Resp: 209998
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#

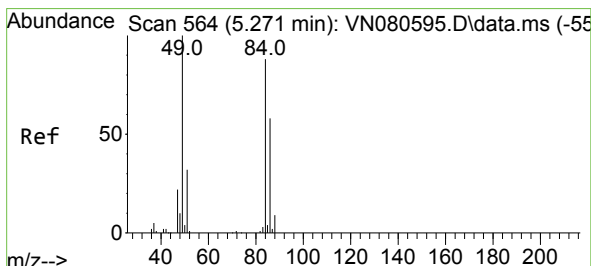
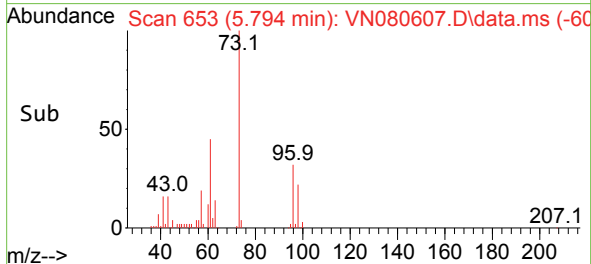
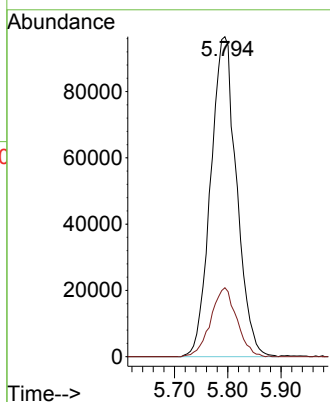
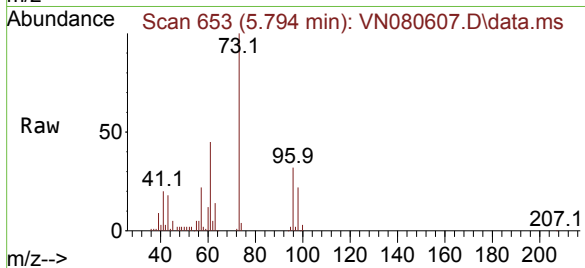




#19
Methyl tert-butyl Ether
Concen: 20.498 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

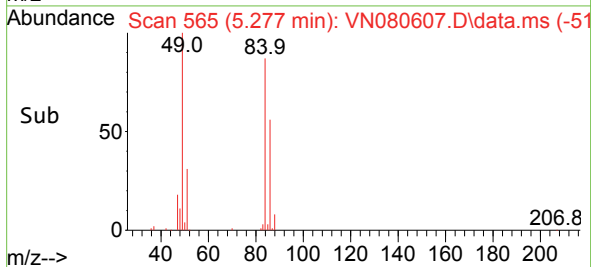
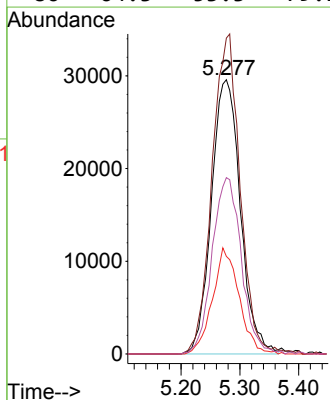
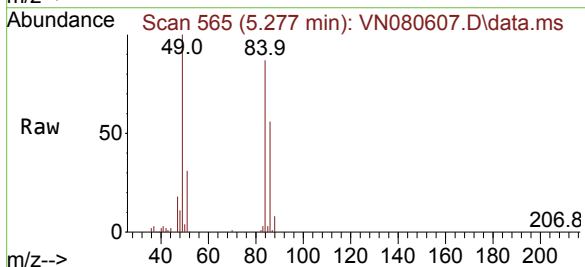
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

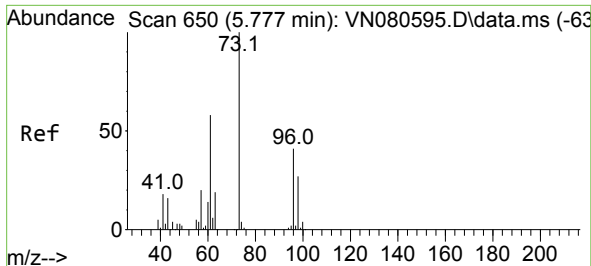
Tgt Ion: 73 Resp: 326174
Ion Ratio Lower Upper
73 100
57 21.6 15.6 23.4



#20
Methylene Chloride
Concen: 19.054 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 84 Resp: 101378
Ion Ratio Lower Upper
84 100
49 115.1 79.7 119.5
51 35.6 25.2 37.8
86 64.3 53.3 79.9

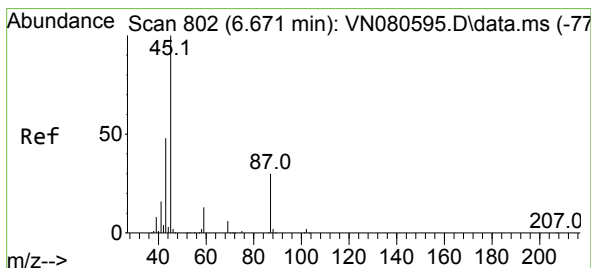
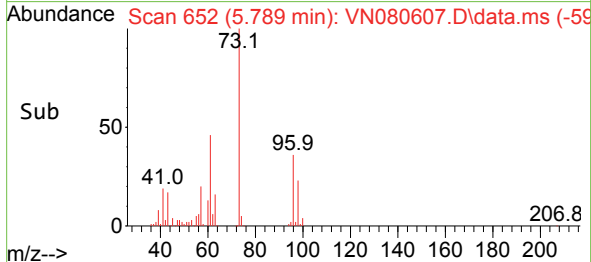
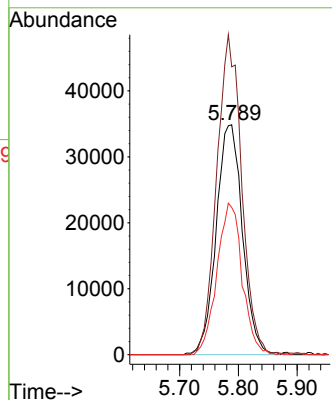
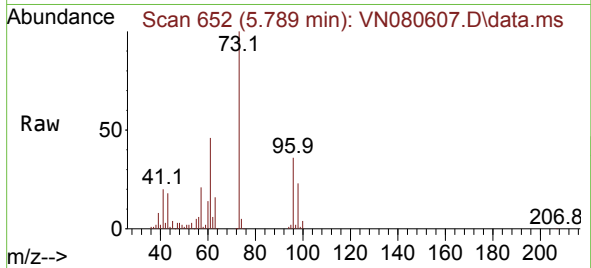




#21
trans-1,2-Dichloroethene
Concen: 20.256 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

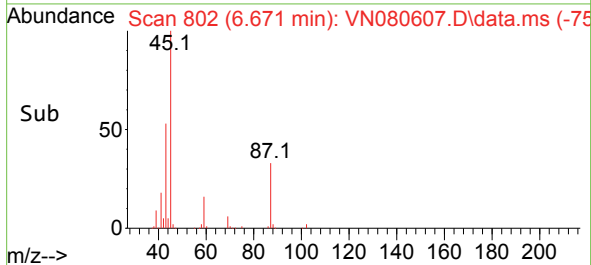
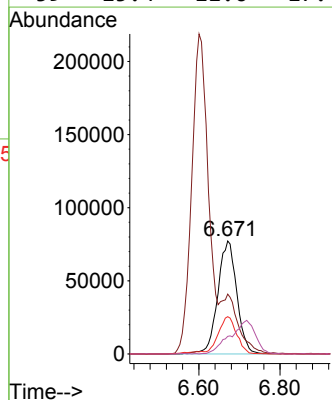
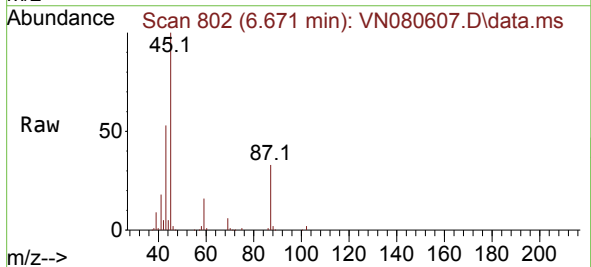
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

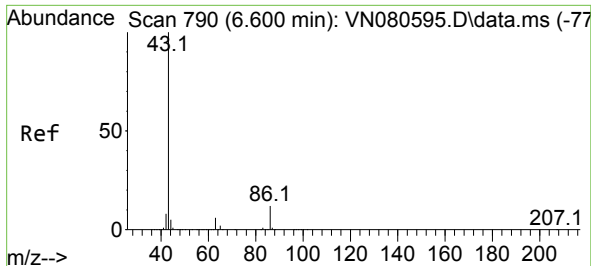
Tgt Ion: 96 Resp: 108171
Ion Ratio Lower Upper
96 100
61 125.2 90.1 135.1
98 64.0 46.4 69.6



#22
Diisopropyl ether
Concen: 16.923 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 45 Resp: 252228
Ion Ratio Lower Upper
45 100
43 52.4 45.5 68.3
87 33.0 31.8 47.8
59 15.4 11.6 17.4

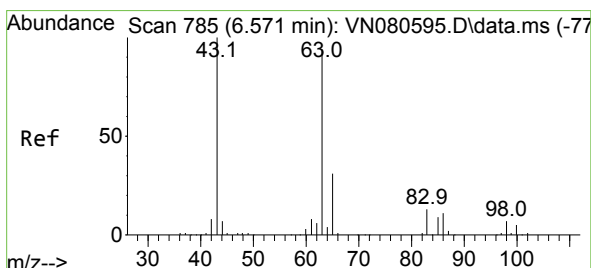
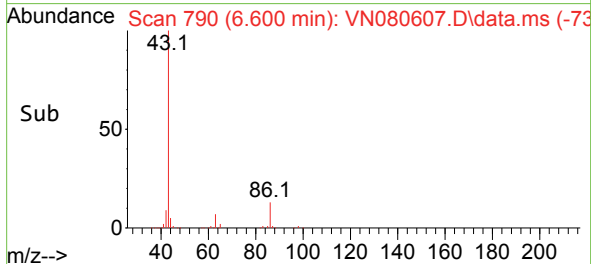
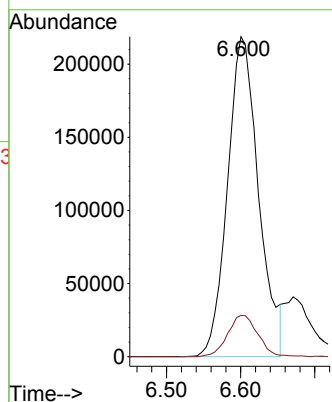
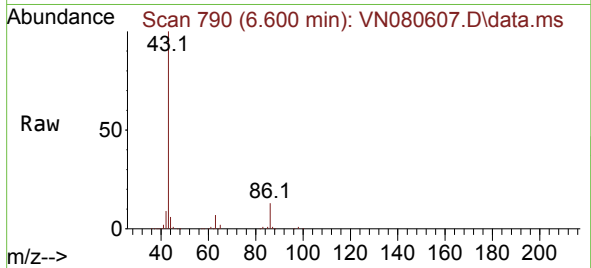




#23
 Vinyl Acetate
 Concen: 76.975 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

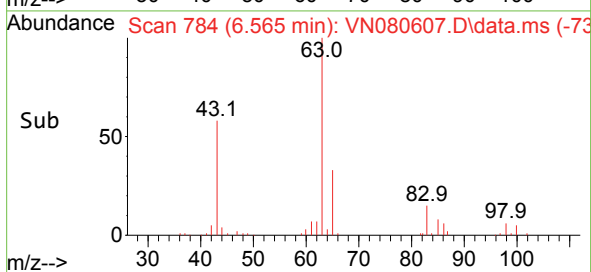
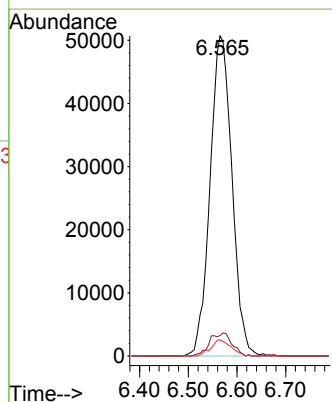
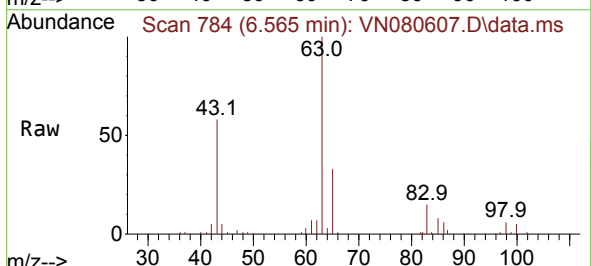
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

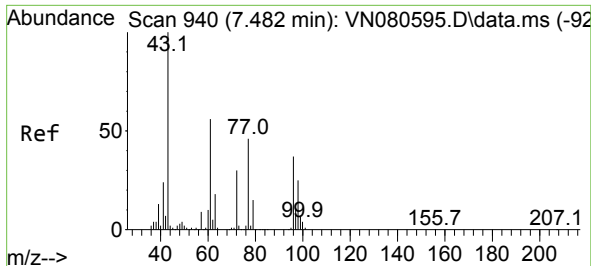
Tgt Ion: 43 Resp: 636297
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 15.863 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

Tgt Ion: 63 Resp: 158465
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 5.0 2.5 7.4

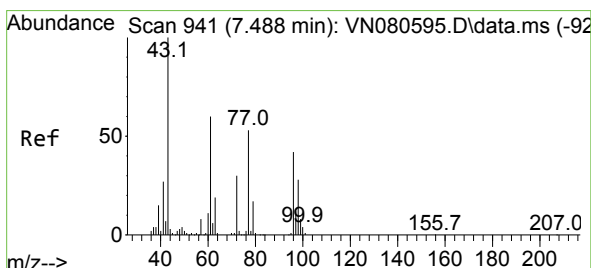
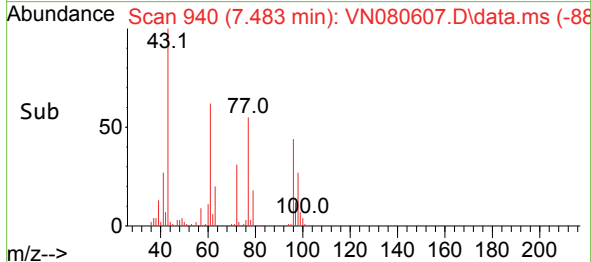
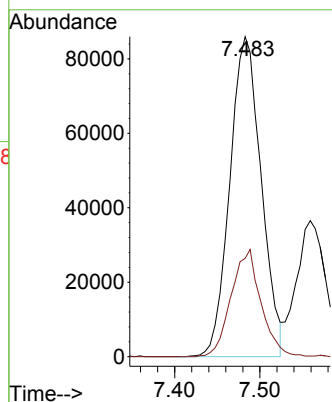
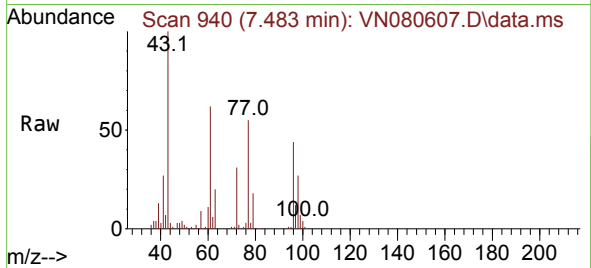




#25
2-Butanone
Concen: 70.656 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

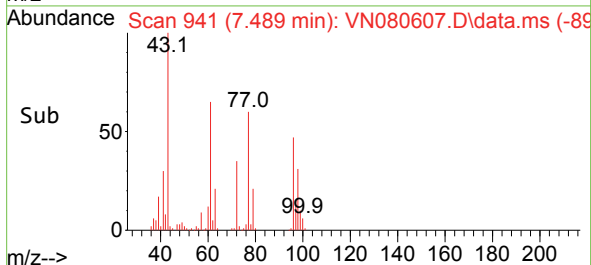
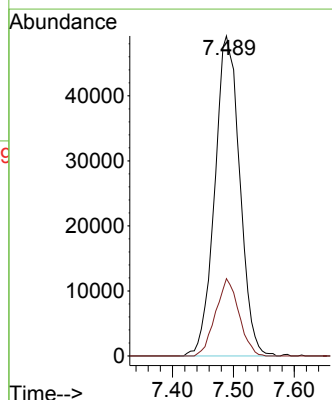
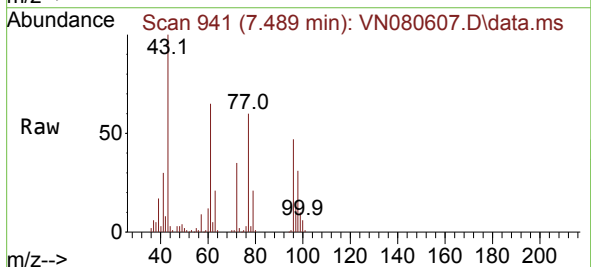
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

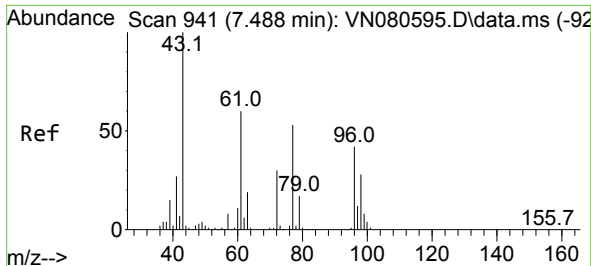
Tgt Ion: 43 Resp: 220207
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 16.126 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 77 Resp: 140232
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6

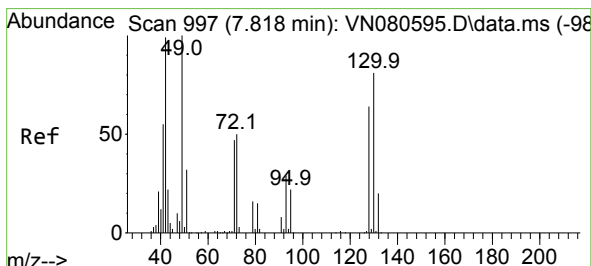
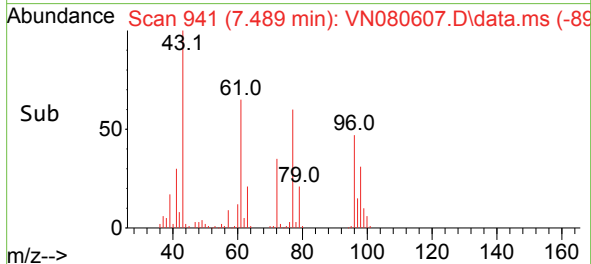
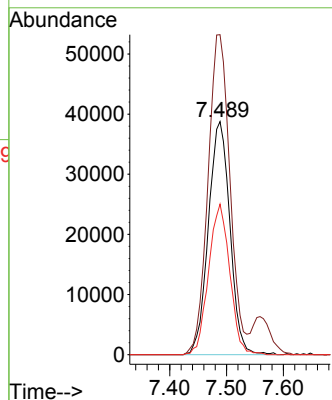
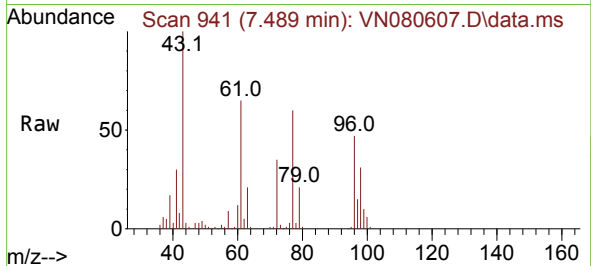




#27
 cis-1,2-Dichloroethene
 Concen: 16.103 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

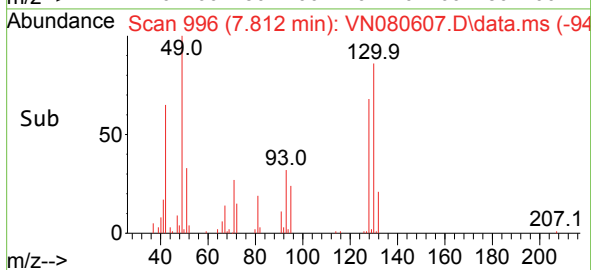
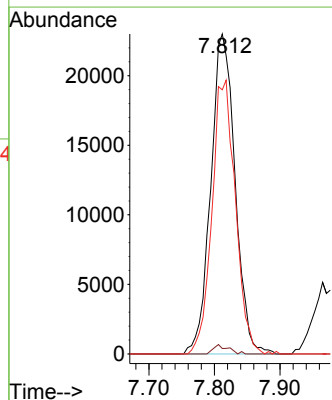
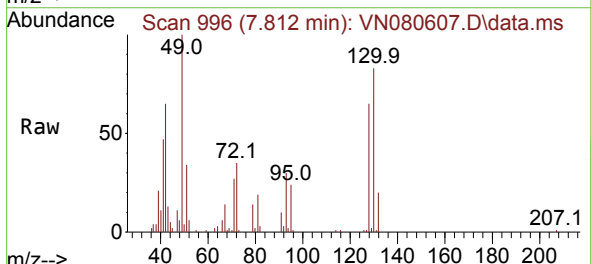
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

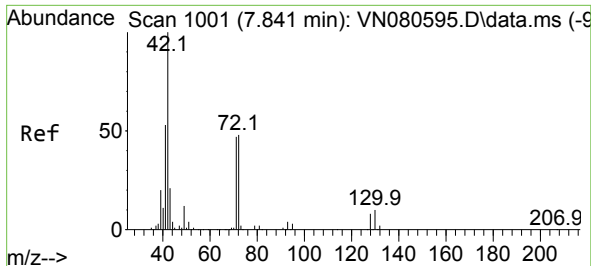
Tgt Ion: 96 Resp: 102283
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 255.2
 98 63.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 12.767 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

Tgt Ion: 49 Resp: 59304
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 82.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 74.031 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01

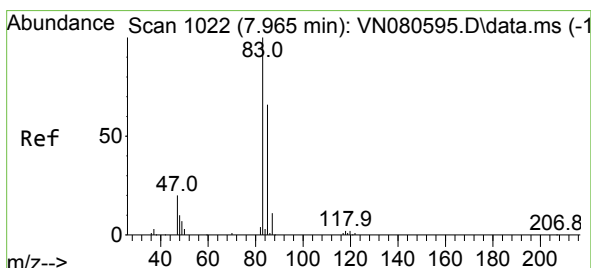
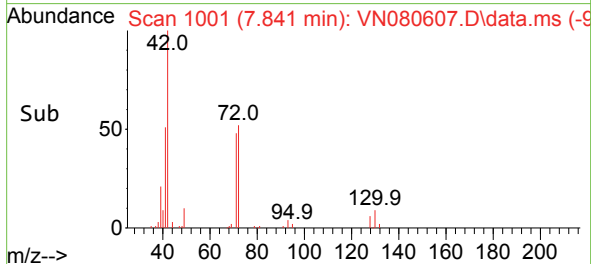
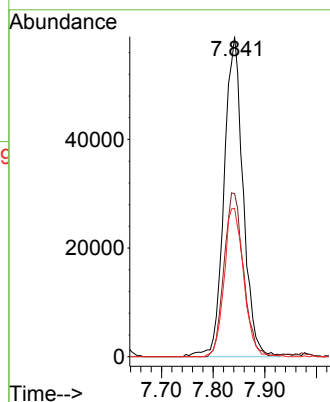
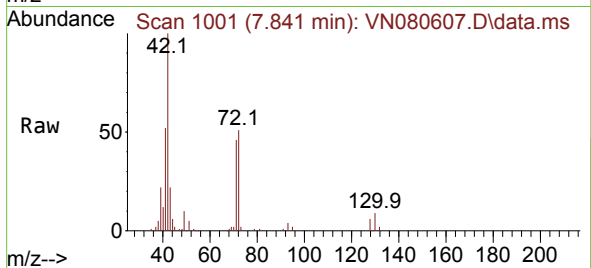
Tgt Ion: 42 Resp: 150472

Ion Ratio Lower Upper

42 100

72 52.2 49.8 74.6

71 47.7 47.4 71.2



#30

Chloroform

Concen: 17.082 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080607.D

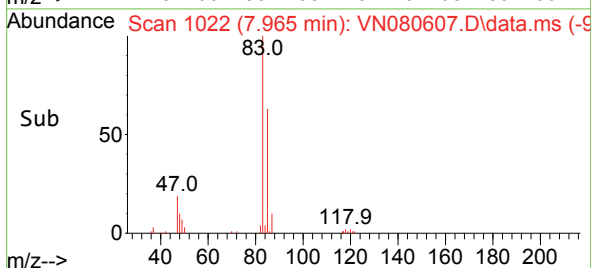
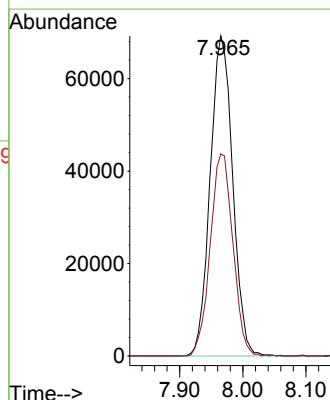
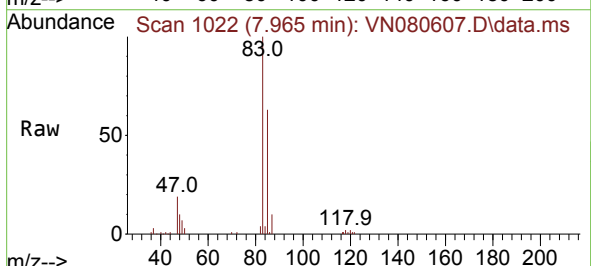
Acq: 29 Dec 2023 12:00

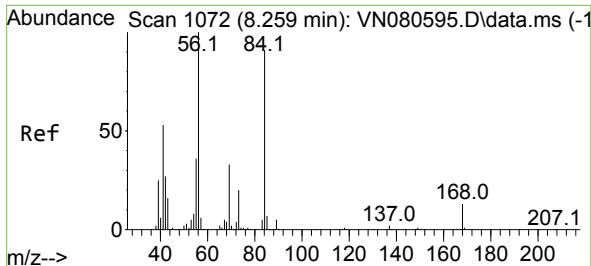
Tgt Ion: 83 Resp: 171327

Ion Ratio Lower Upper

83 100

85 63.1 55.4 83.0

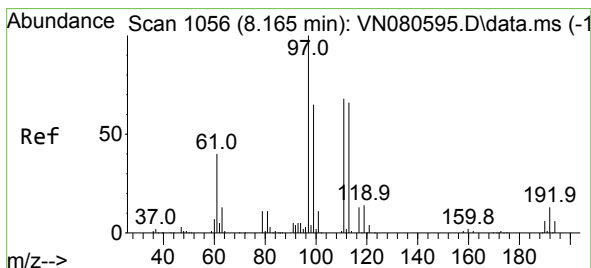
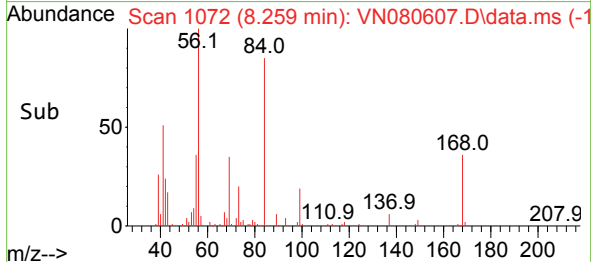
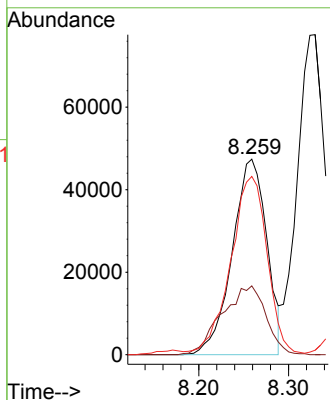
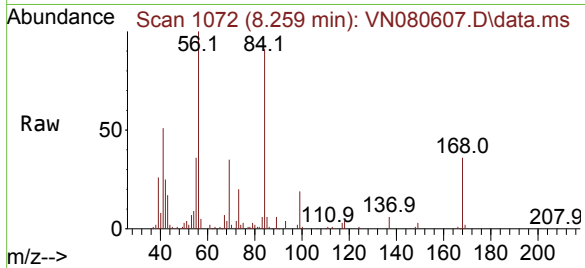




#31
Cyclohexane
Concen: 15.274 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

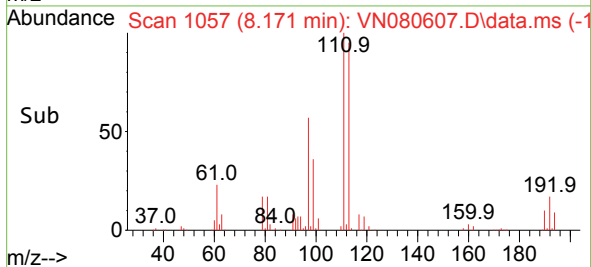
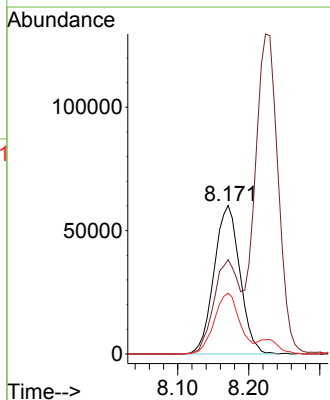
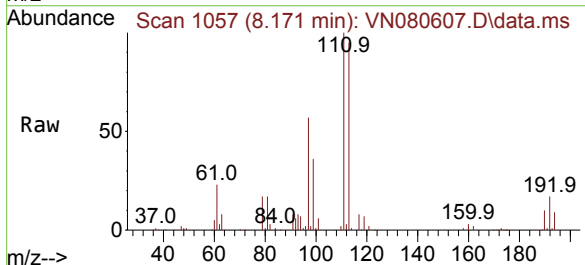
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

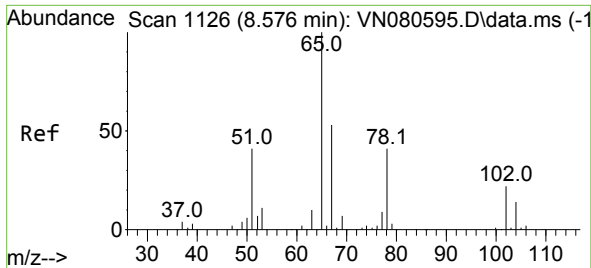
Tgt Ion: 56 Resp: 126768
Ion Ratio Lower Upper
56 100
69 35.2 26.8 40.2
84 89.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 16.766 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 97 Resp: 151623
Ion Ratio Lower Upper
97 100
99 60.1 50.3 75.5
61 40.6 34.7 52.1

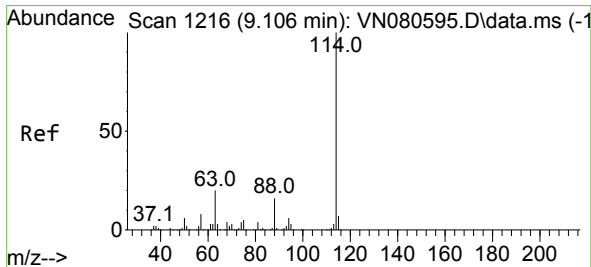
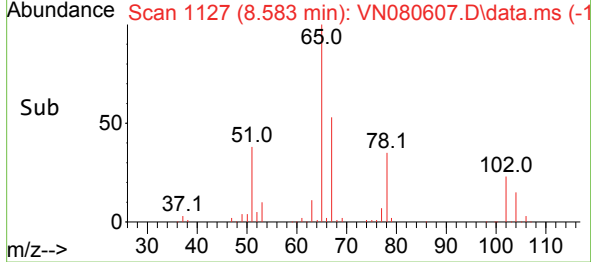
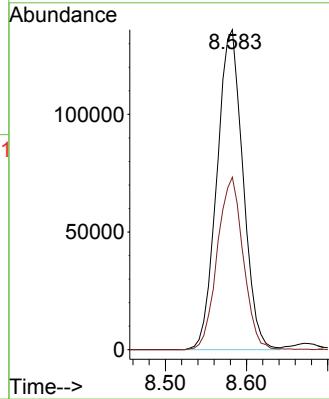
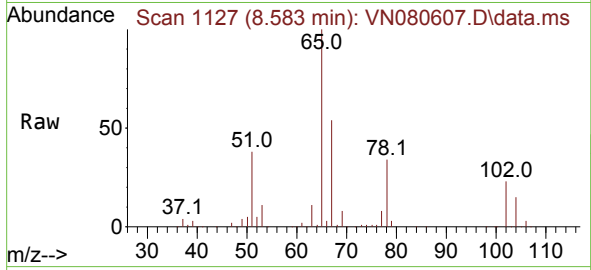




#33
1,2-Dichloroethane-d4
Concen: 49.404 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

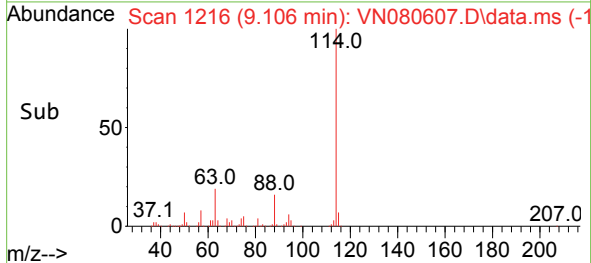
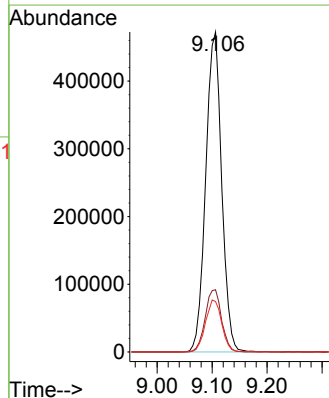
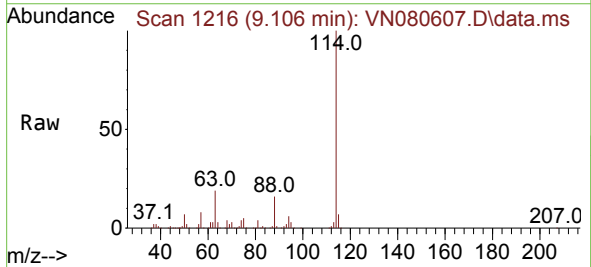
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

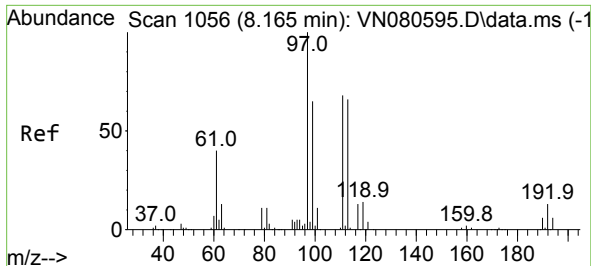
Tgt Ion: 65 Resp: 303057
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:114 Resp: 950966
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.8 0.0 30.6

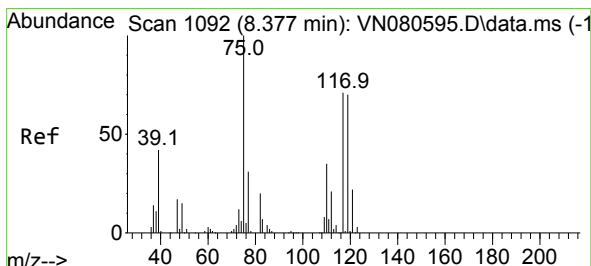
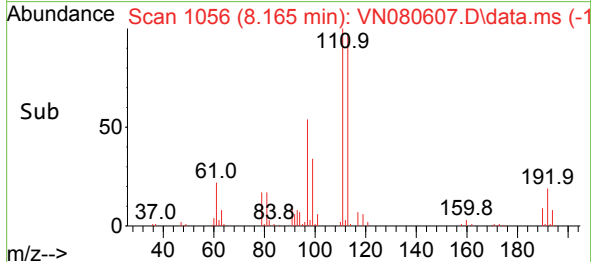
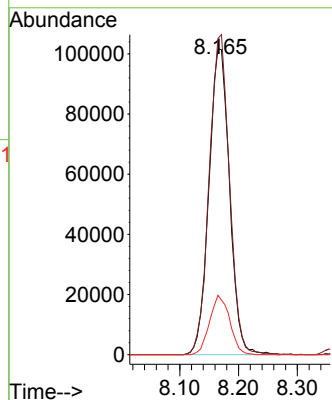
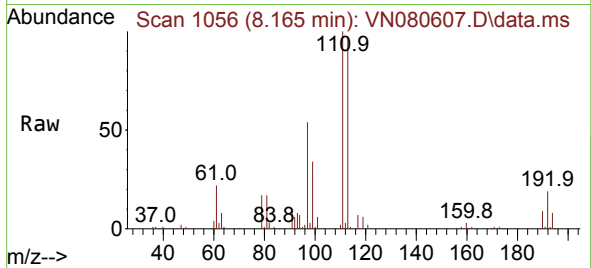




#35
Dibromofluoromethane
Concen: 40.357 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

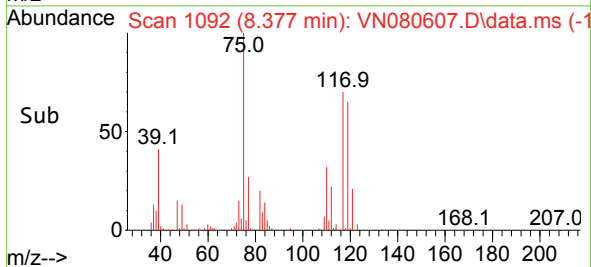
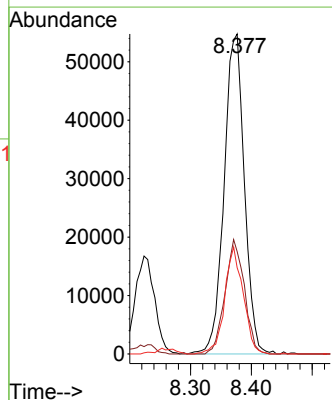
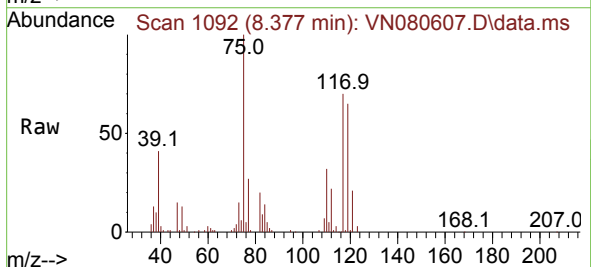
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

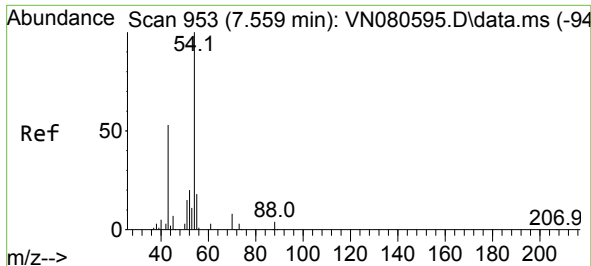
Tgt Ion:113 Resp: 248211
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 13.383 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 75 Resp: 126681
Ion Ratio Lower Upper
75 100
110 34.1 19.1 57.3
77 30.6 25.0 37.4

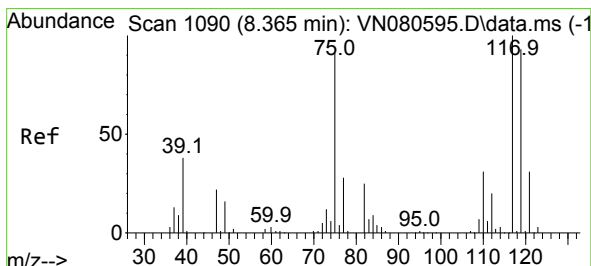
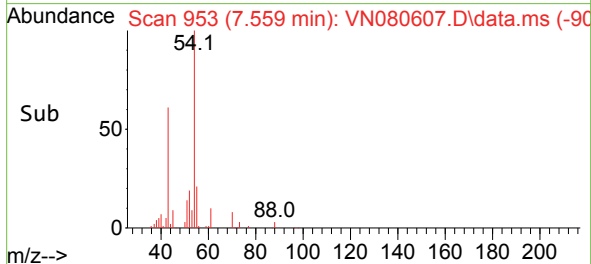
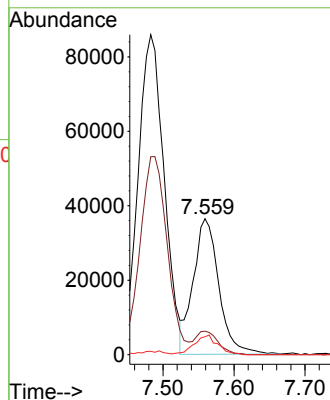
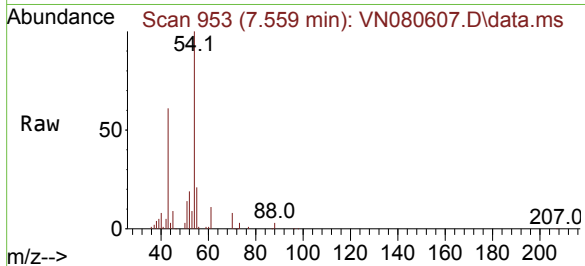




#37
Ethyl Acetate
Concen: 12.818 ug/l
RT: 7.559 min Scan# 915
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

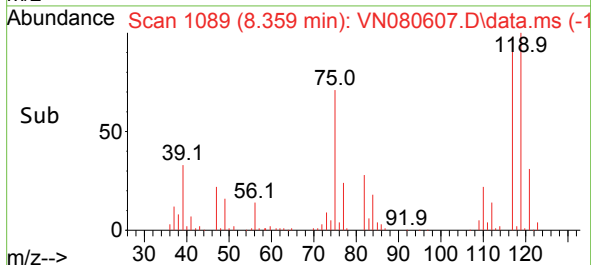
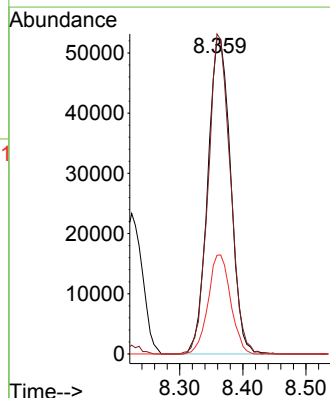
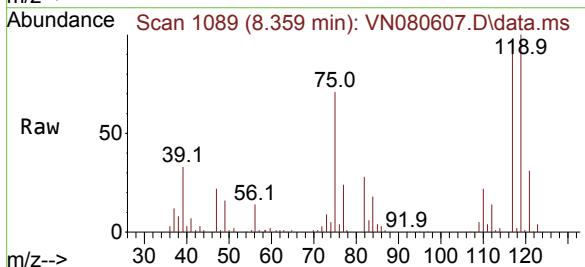
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

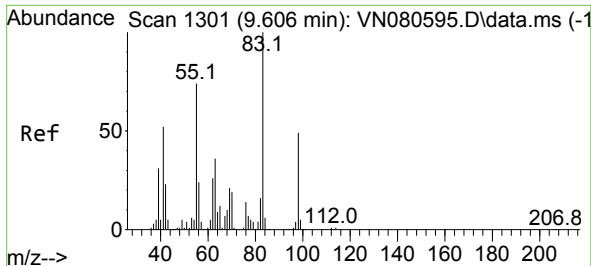
Tgt Ion: 43 Resp: 91554
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 13.2 11.3 16.9



#38
Carbon Tetrachloride
Concen: 13.600 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 117 Resp: 131696
Ion Ratio Lower Upper
117 100
119 101.6 77.3 115.9
121 31.3 23.3 34.9

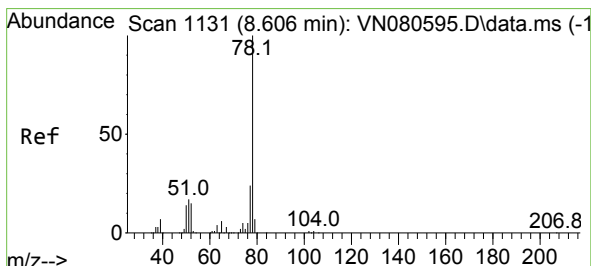
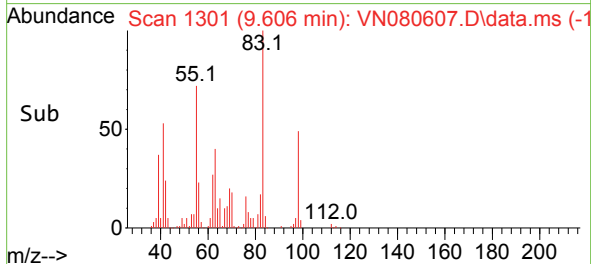
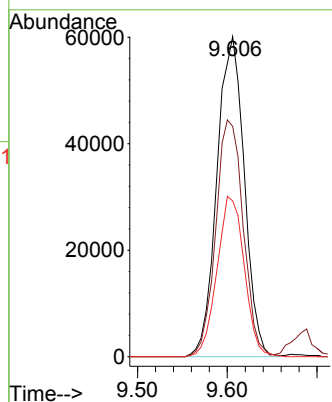
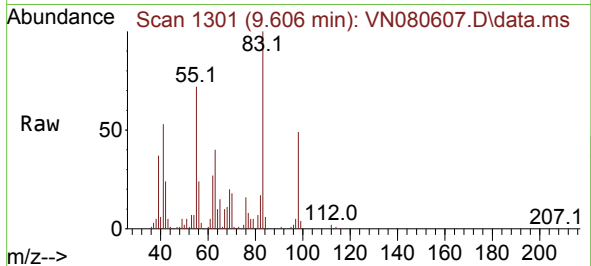




#39
Methylcyclohexane
Concen: 16.393 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

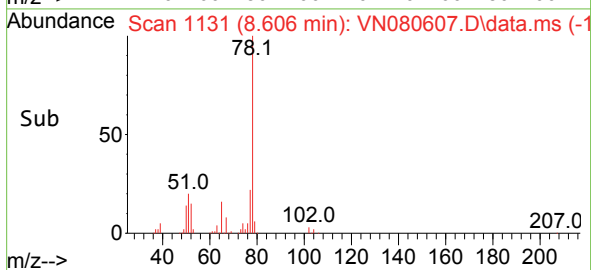
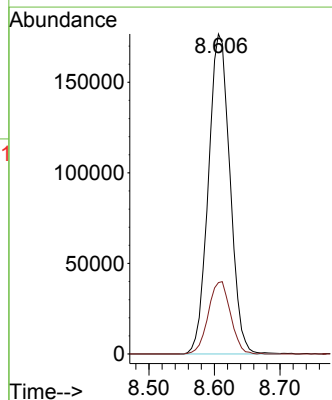
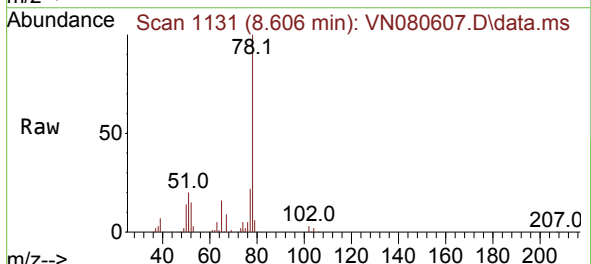
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

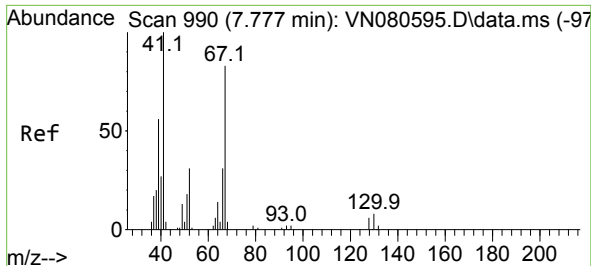
Tgt Ion: 83 Resp: 127274
Ion Ratio Lower Upper
83 100
55 71.9 49.1 73.7
98 48.7 40.6 61.0



#40
Benzene
Concen: 14.883 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 78 Resp: 403549
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6

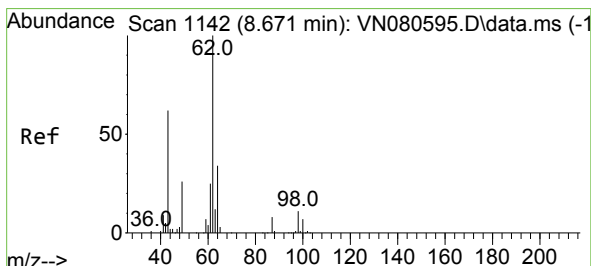
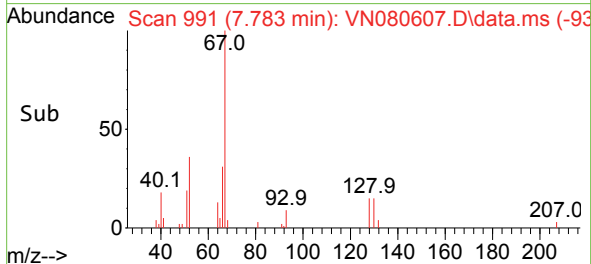
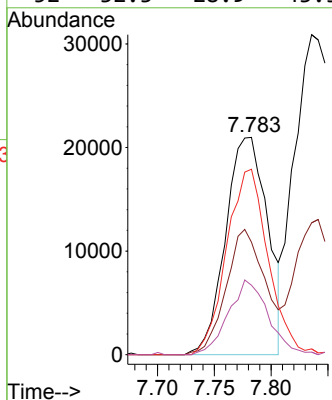
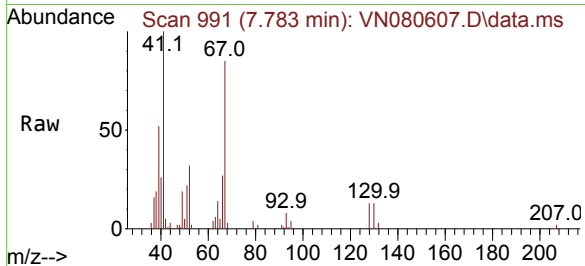




#41
Methacrylonitrile
Concen: 12.276 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

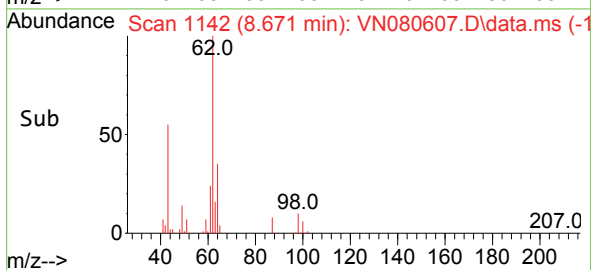
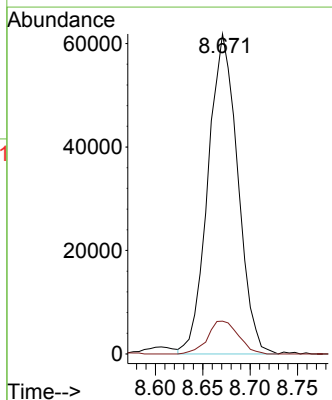
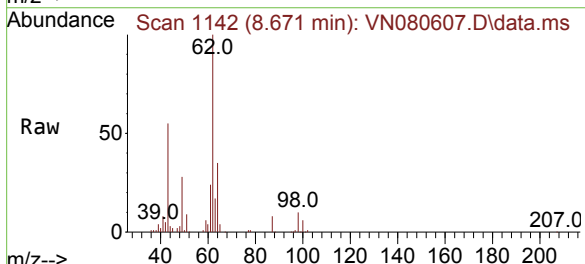
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

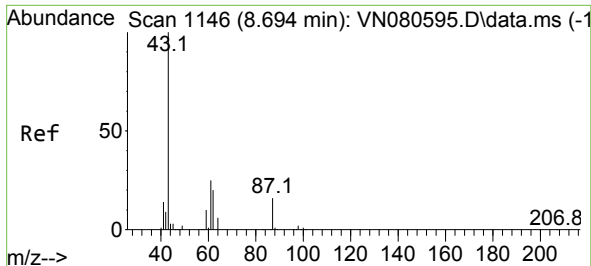
Tgt Ion:	41	Resp:	54071
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	84.2	77.5	116.3
52	32.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 15.389 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:	62	Resp:	134964
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.8

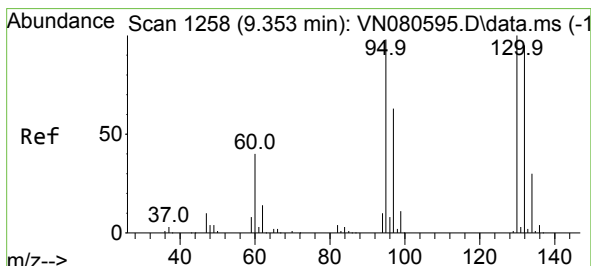
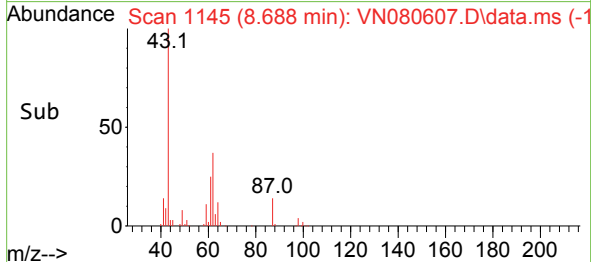
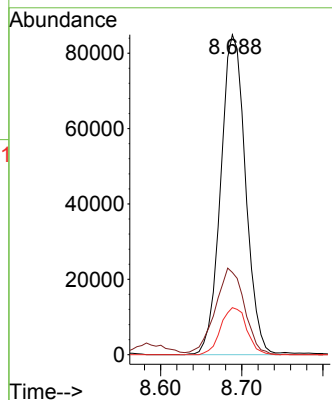
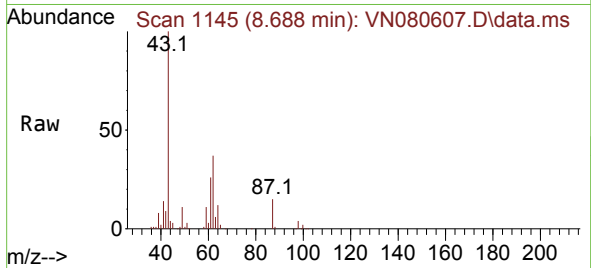




#43
Isopropyl Acetate
Concen: 15.600 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

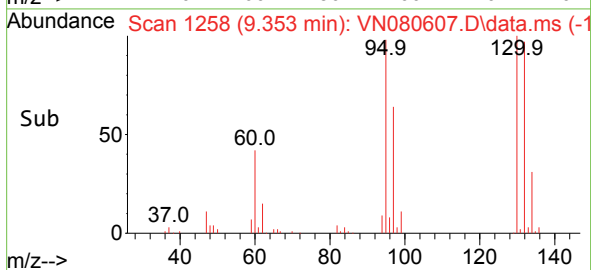
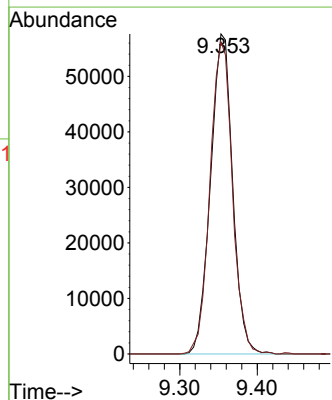
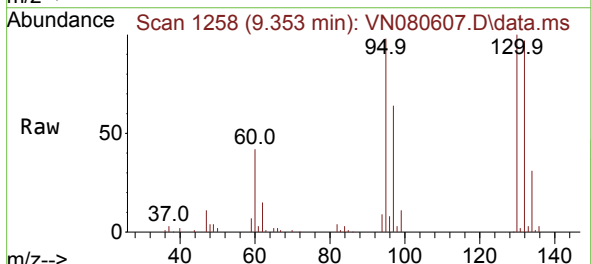
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

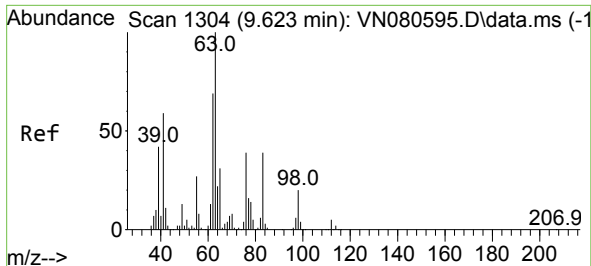
Tgt Ion: 43 Resp: 180601
Ion Ratio Lower Upper
43 100
61 31.8 24.7 37.1
87 15.4 14.6 21.8



#44
Trichloroethene
Concen: 16.191 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:130 Resp: 114399
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.733 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

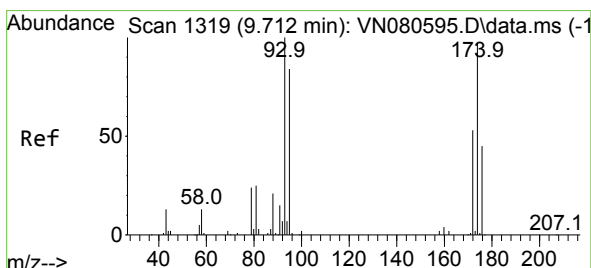
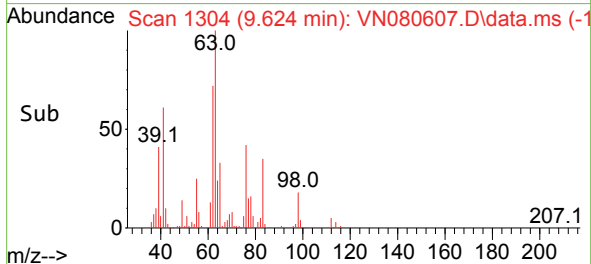
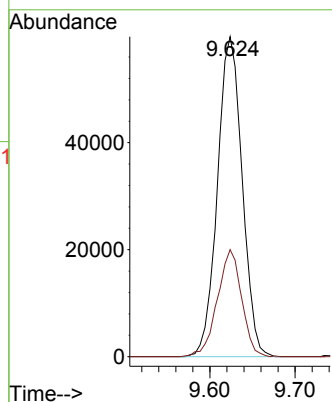
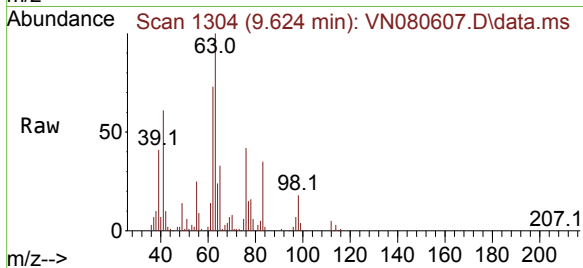
VN1229WBS01

Tgt Ion: 63 Resp: 120510

Ion Ratio Lower Upper

63 100

65 33.5 23.9 35.9



#46

Dibromomethane

Concen: 17.728 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

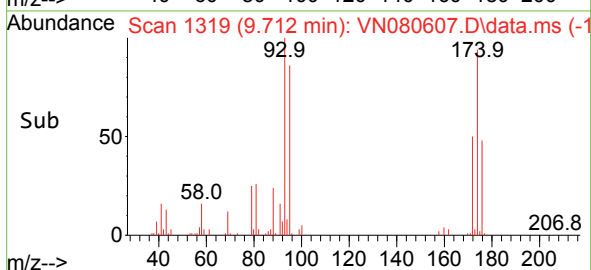
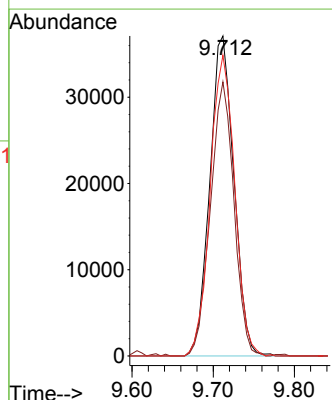
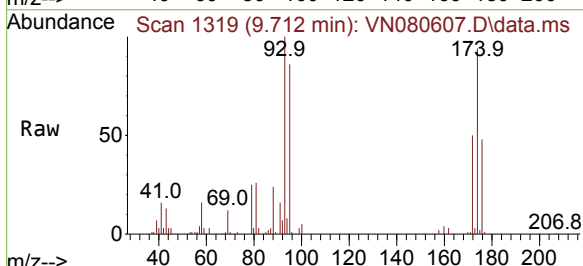
Tgt Ion: 93 Resp: 76733

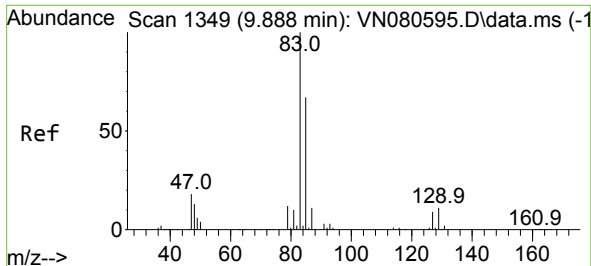
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

174 95.2 65.6 98.4





#47

Bromodichloromethane

Concen: 16.944 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01

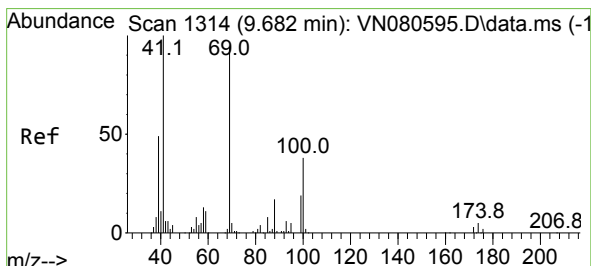
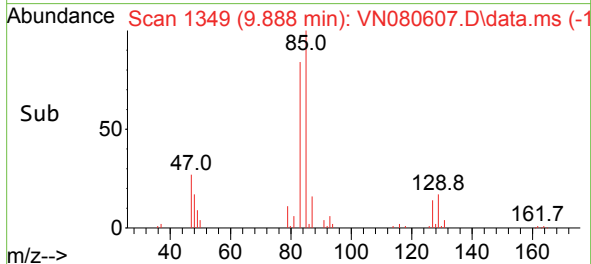
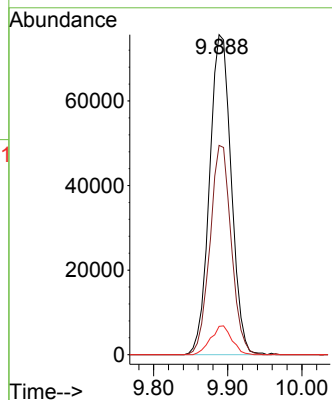
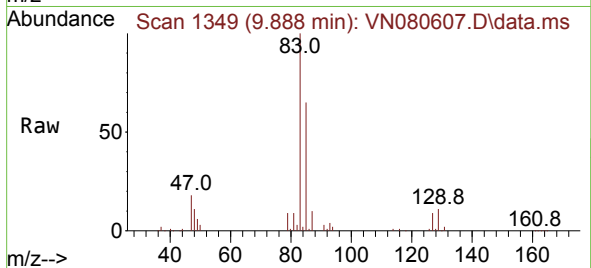
Tgt Ion: 83 Resp: 153729

Ion Ratio Lower Upper

83 100

85 65.4 49.6 74.4

127 8.9 7.0 10.6



#48

Methyl methacrylate

Concen: 17.776 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

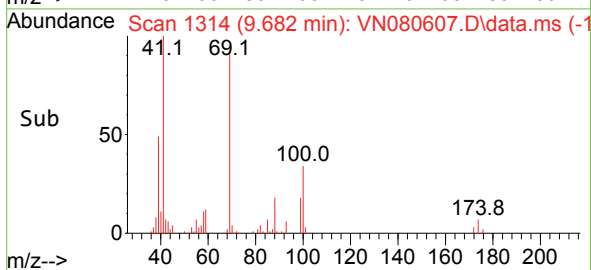
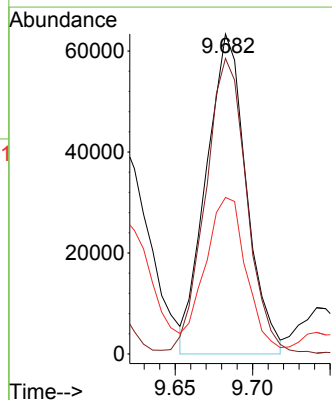
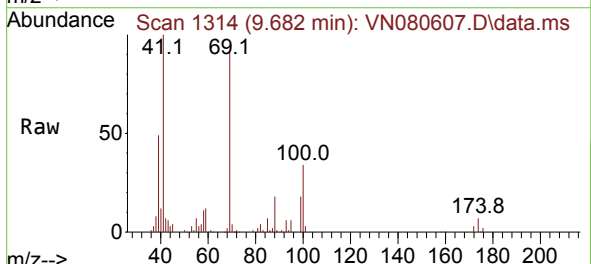
Tgt Ion: 41 Resp: 114266

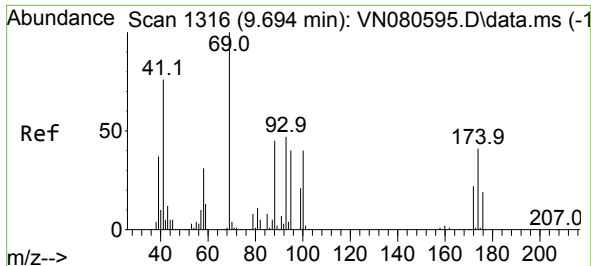
Ion Ratio Lower Upper

41 100

69 95.8 90.4 135.6

39 50.9 54.6 81.8#





#49

1,4-Dioxane

Concen: 341.000 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080607.D

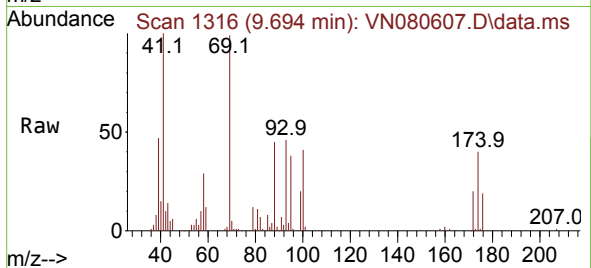
Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01



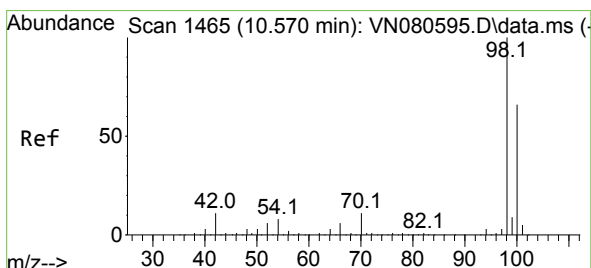
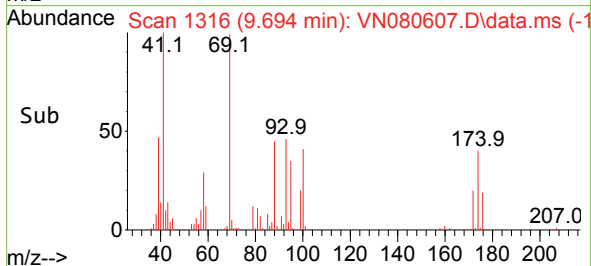
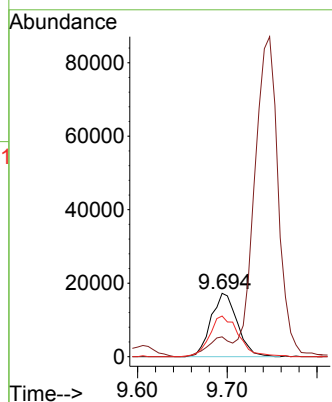
Tgt Ion: 88 Resp: 35035

Ion Ratio Lower Upper

88 100

43 27.7 17.0 25.6#

58 71.4 47.0 70.4#



#50

Toluene-d8

Concen: 50.725 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080607.D

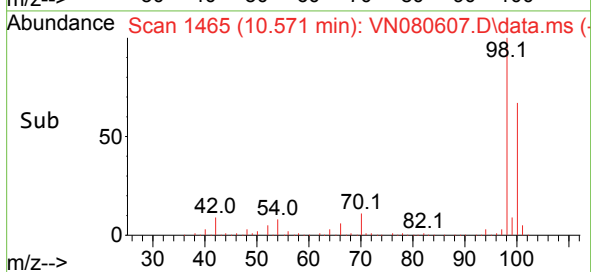
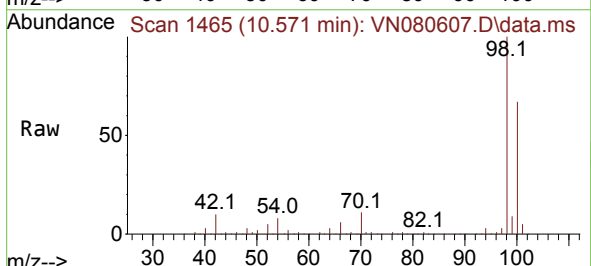
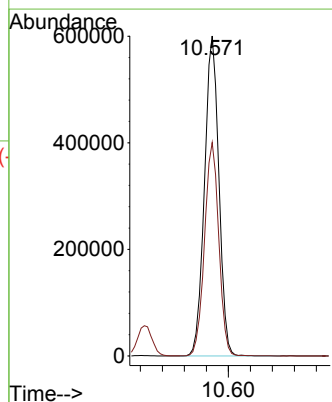
Acq: 29 Dec 2023 12:00

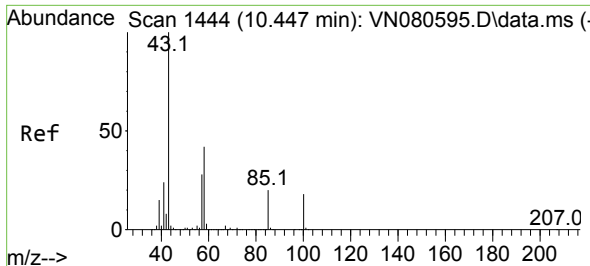
Tgt Ion: 98 Resp: 1089285

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

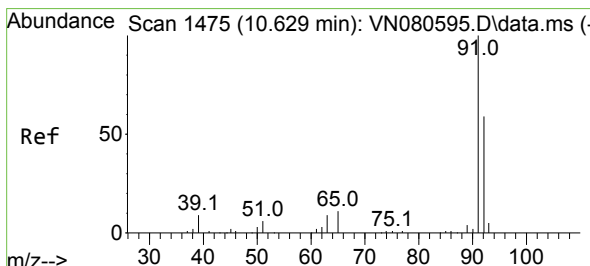
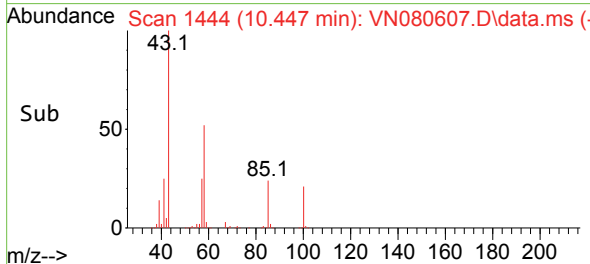
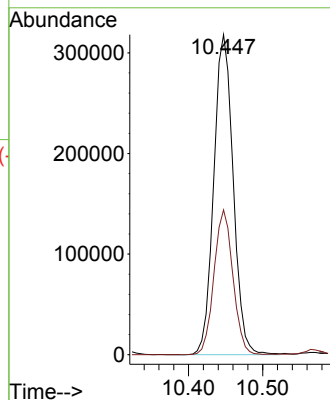
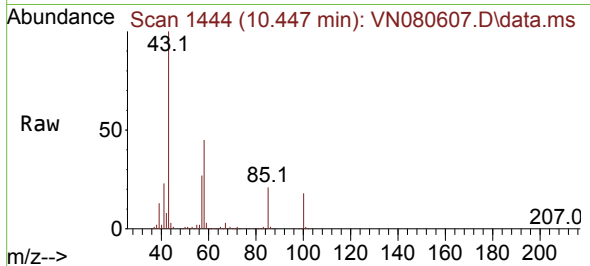




#51
4-Methyl-2-Pentanone
Concen: 88.032 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

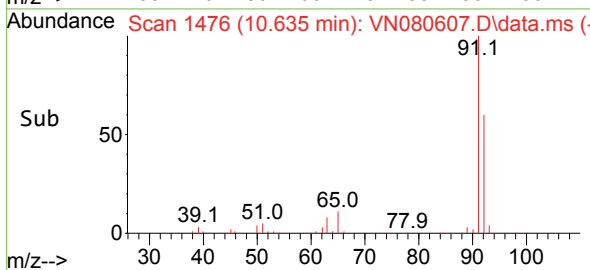
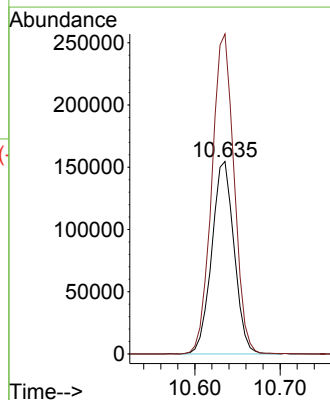
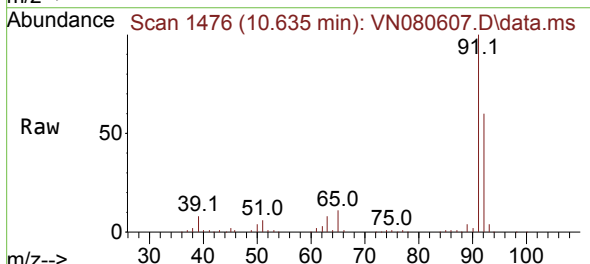
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

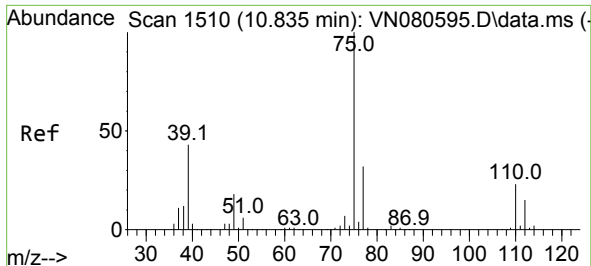
Tgt Ion: 43 Resp: 579645
Ion Ratio Lower Upper
43 100
58 44.2 36.6 54.8



#52
Toluene
Concen: 18.726 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 92 Resp: 281834
Ion Ratio Lower Upper
92 100
91 165.9 137.4 206.0

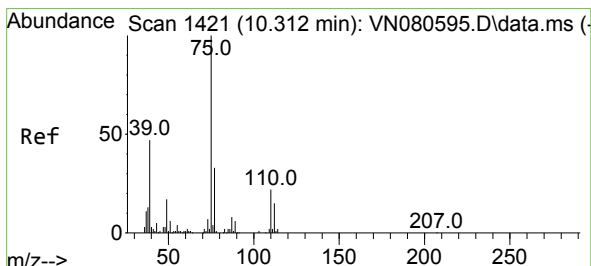
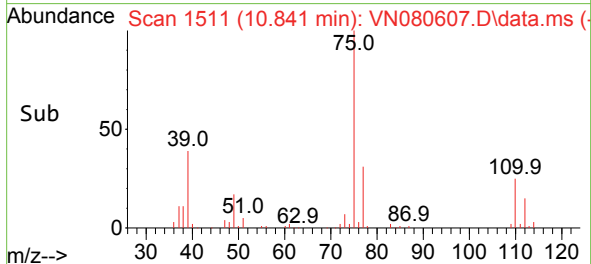
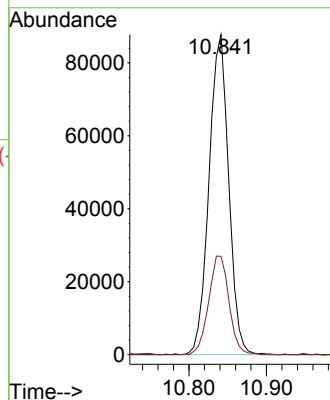
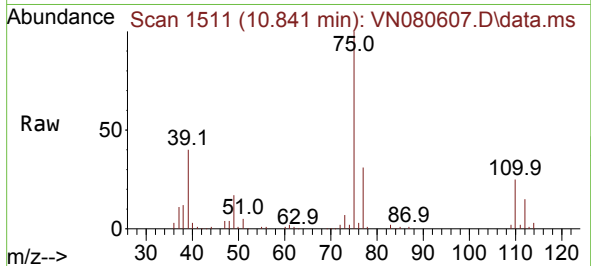




#53
 t-1,3-Dichloropropene
 Concen: 16.913 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

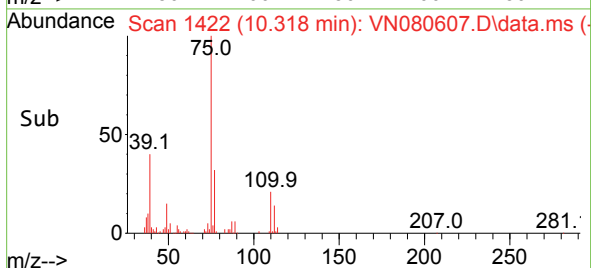
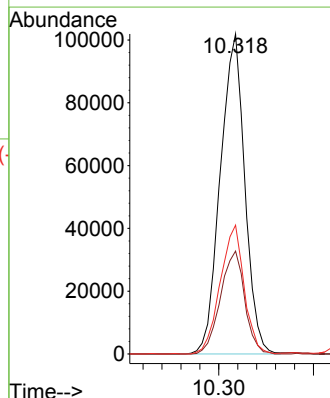
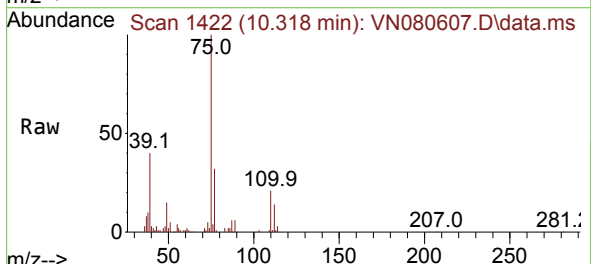
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

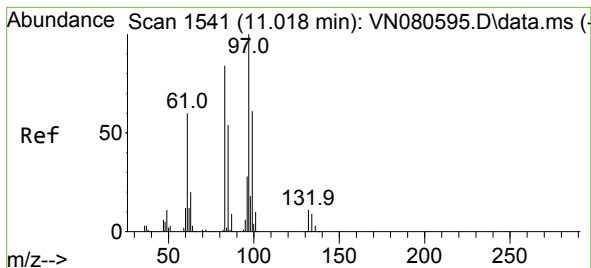
Tgt Ion: 75 Resp: 154698
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.874 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

Tgt Ion: 75 Resp: 182966
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 40.3 31.6 47.4

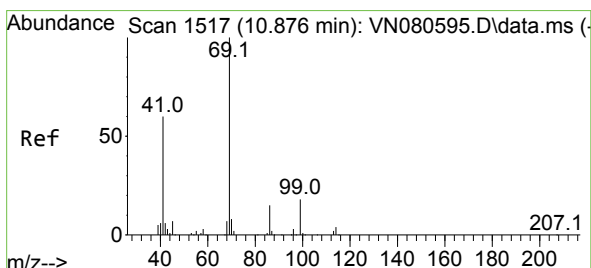
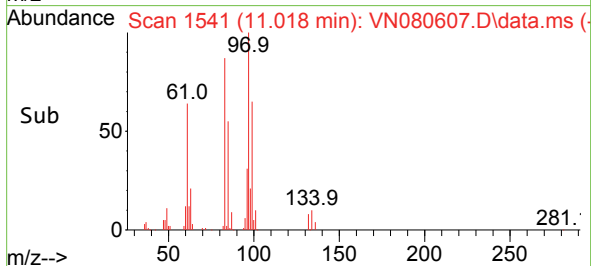
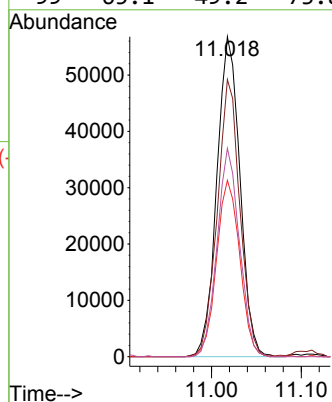
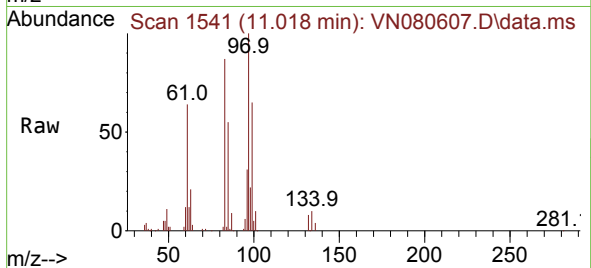




#55
 1,1,2-Trichloroethane
 Concen: 17.008 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

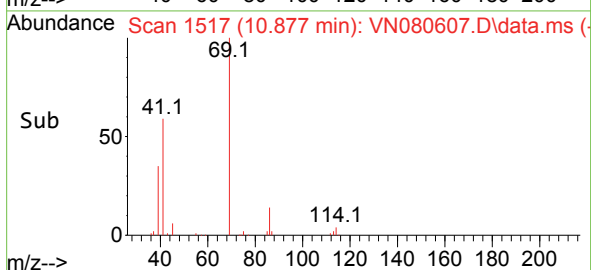
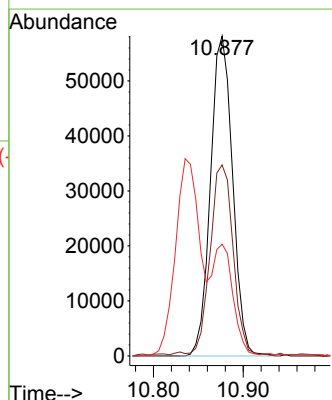
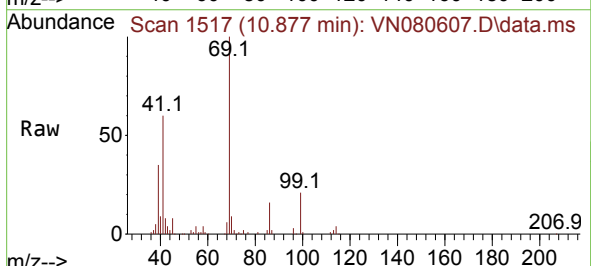
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS01

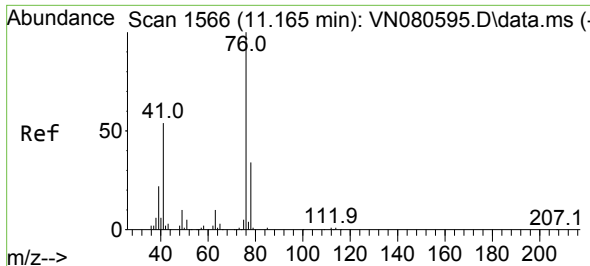
Tgt Ion: 97	Resp: 101534
Ion Ratio	Lower Upper
97 100	
83 86.6	65.1 97.7
85 55.1	43.4 65.2
99 65.1	49.2 73.8



#56
 Ethyl methacrylate
 Concen: 16.992 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

Tgt Ion: 69	Resp: 99362
Ion Ratio	Lower Upper
69 100	
41 62.3	39.6 59.4#
39 27.5	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 17.392 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

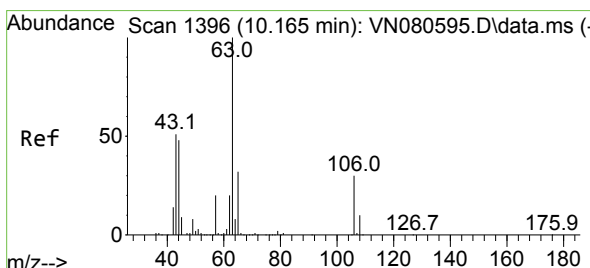
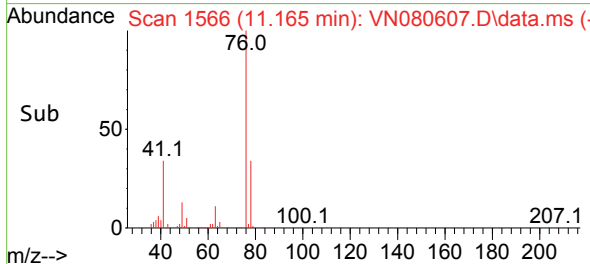
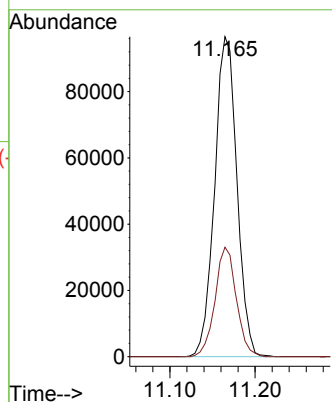
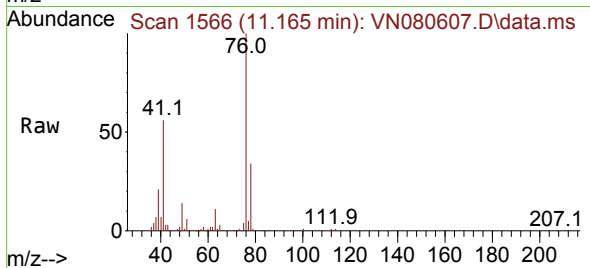
VN1229WBS01

Tgt Ion: 76 Resp: 175923

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 77.526 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080607.D

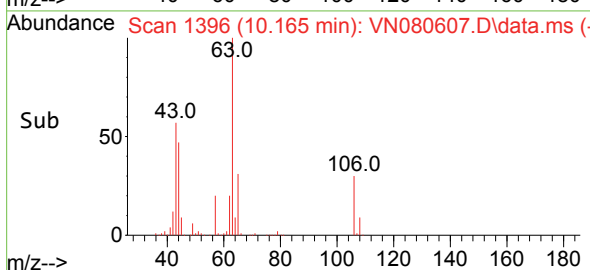
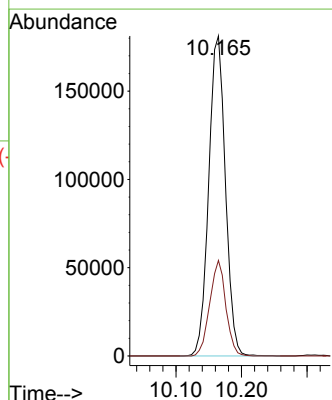
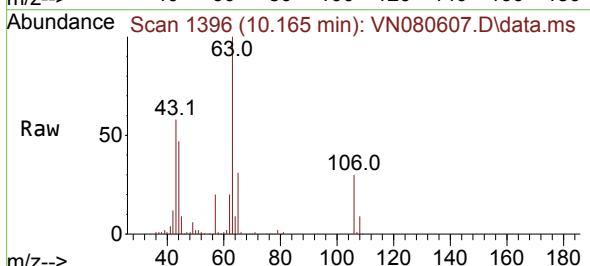
Acq: 29 Dec 2023 12:00

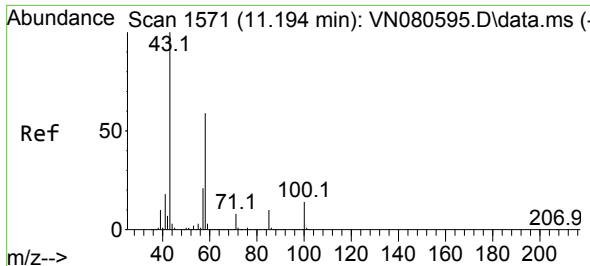
Tgt Ion: 63 Resp: 320143

Ion Ratio Lower Upper

63 100

106 28.8 26.2 39.4

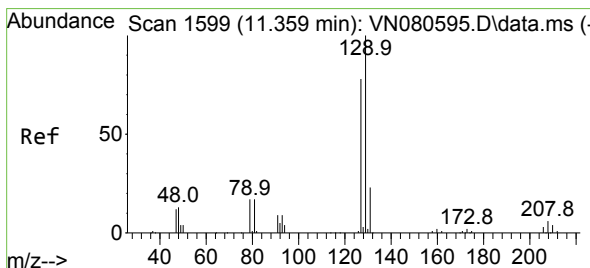
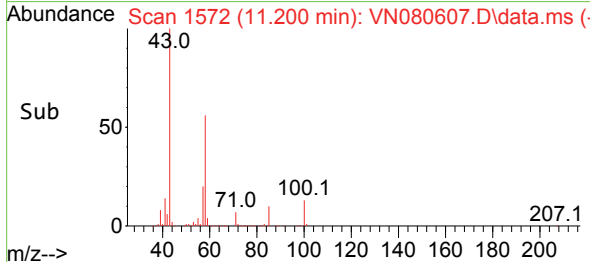
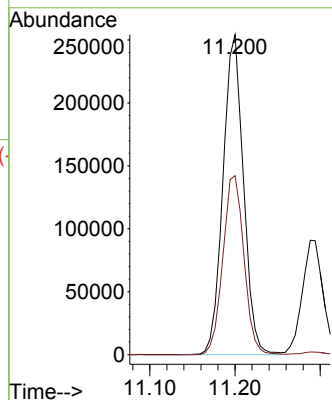
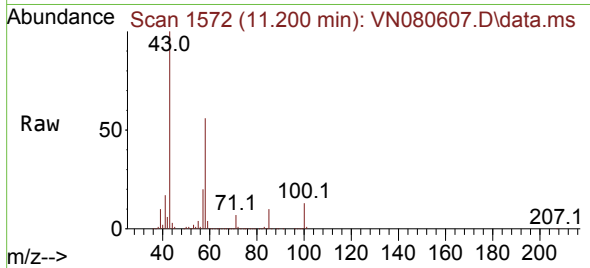




#59
2-Hexanone
Concen: 85.559 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

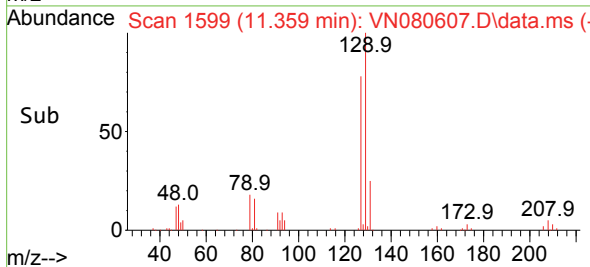
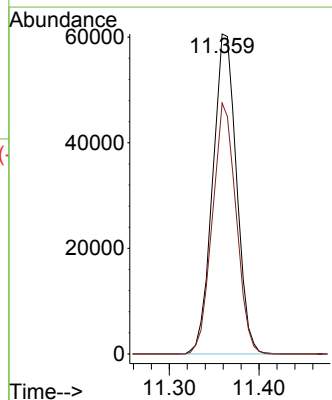
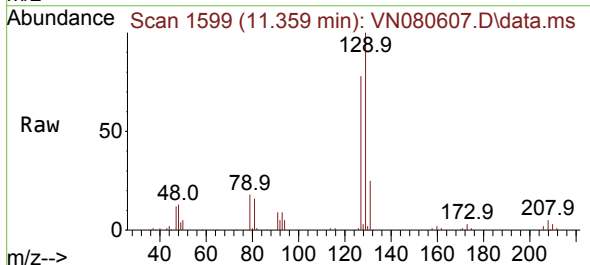
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

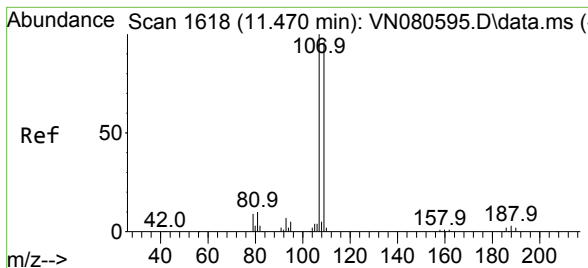
Tgt Ion: 43 Resp: 424606
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 16.777 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 129 Resp: 111529
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

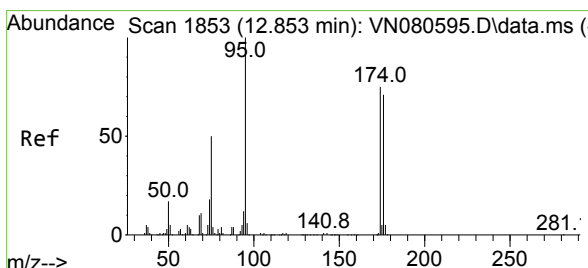
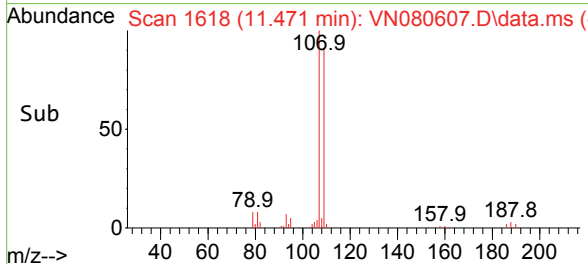
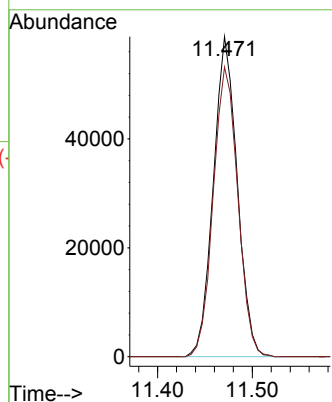
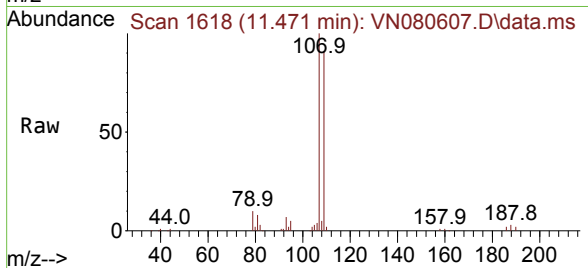




#61
1,2-Dibromoethane
Concen: 17.100 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

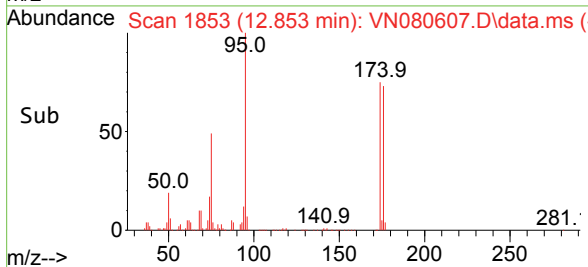
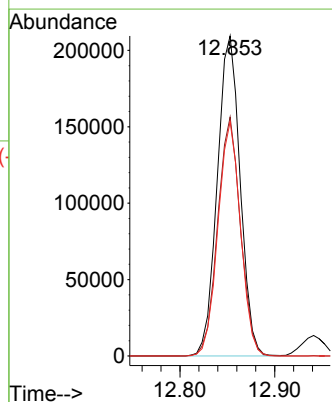
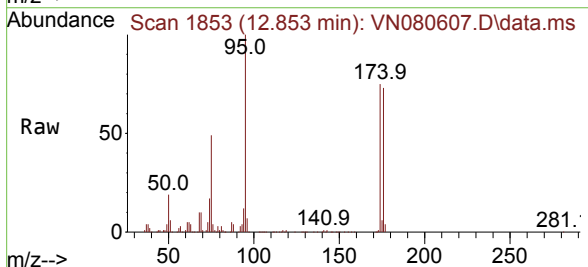
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

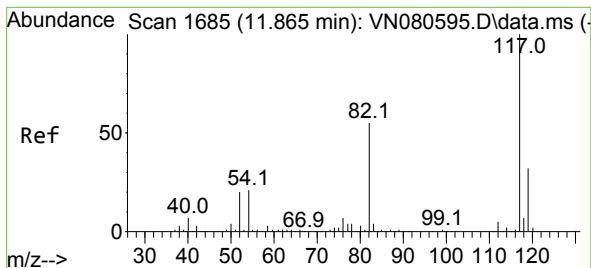
Tgt Ion:107 Resp: 102930
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.648 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 95 Resp: 351584
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.0 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: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01

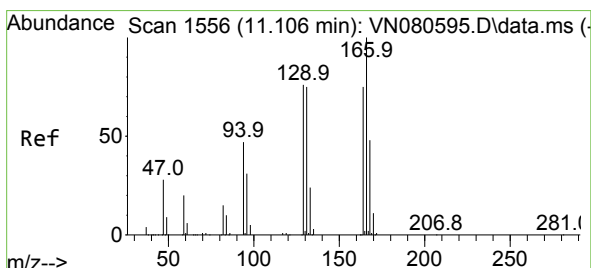
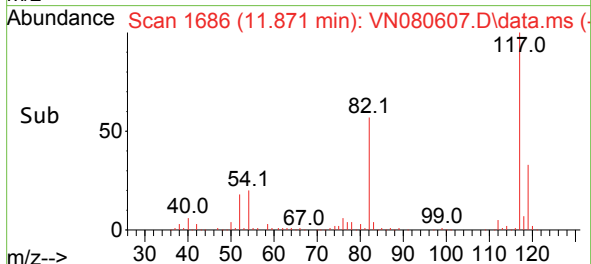
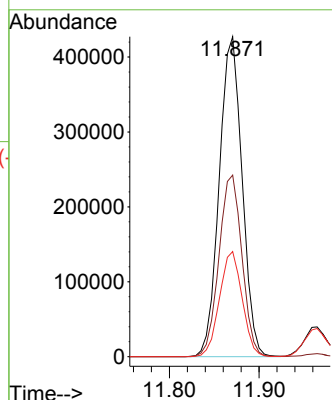
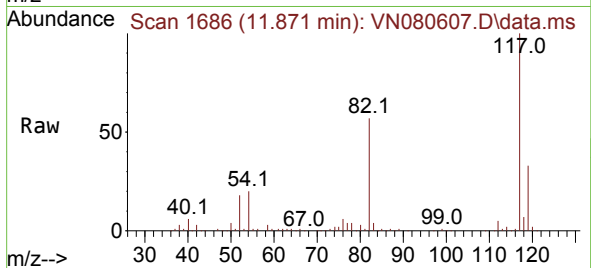
Tgt Ion:117 Resp: 756633

Ion Ratio Lower Upper

117 100

82 56.8 44.0 66.0

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 16.588 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Tgt Ion:164 Resp: 83867

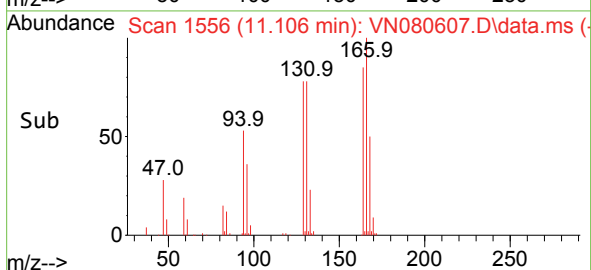
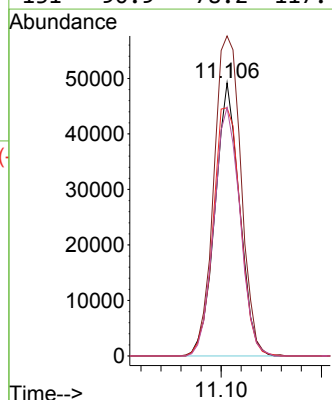
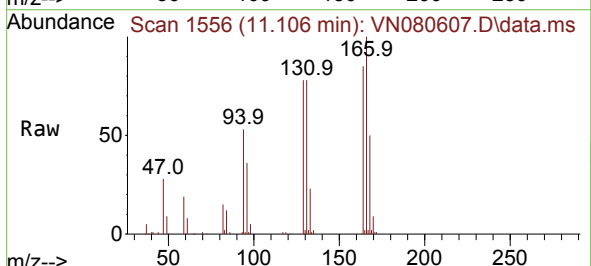
Ion Ratio Lower Upper

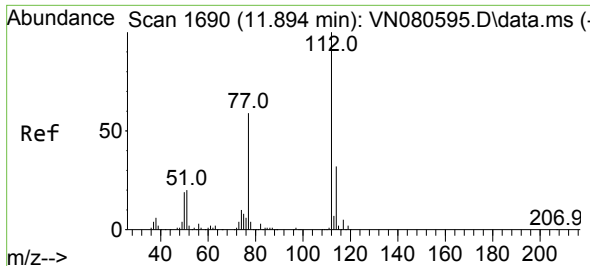
164 100

166 117.1 101.4 152.0

129 90.8 82.4 123.6

131 90.9 78.2 117.4

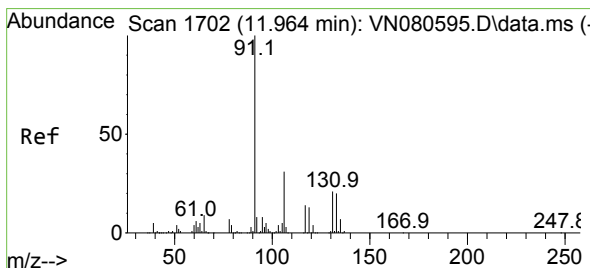
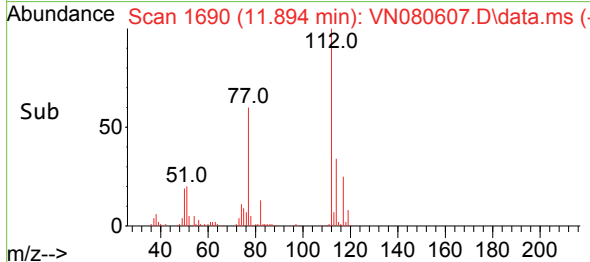
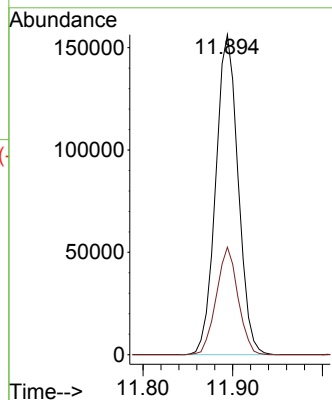
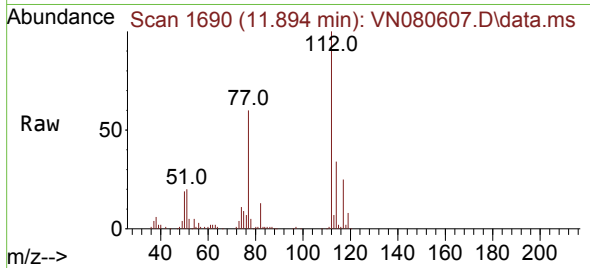




#65
Chlorobenzene
Concen: 17.216 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

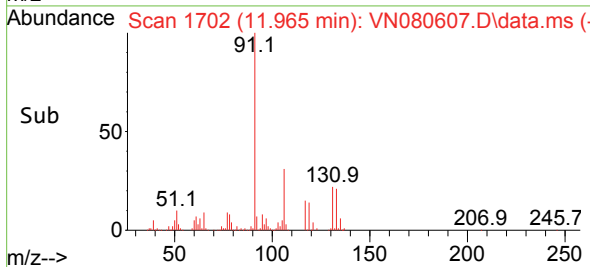
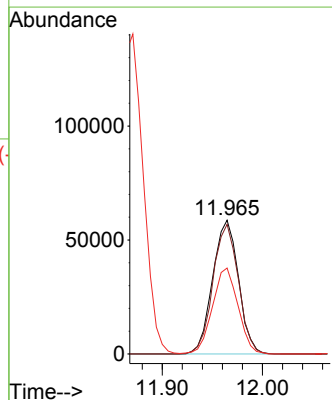
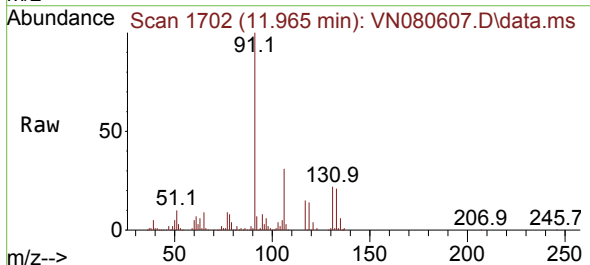
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

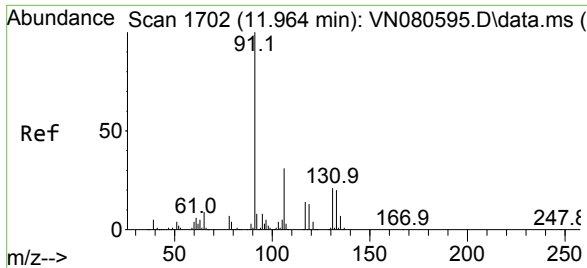
Tgt Ion:112 Resp: 270986
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.320 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:131 Resp: 104866
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 63.8 34.1 102.2





#67

Ethyl Benzene

Concen: 17.163 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

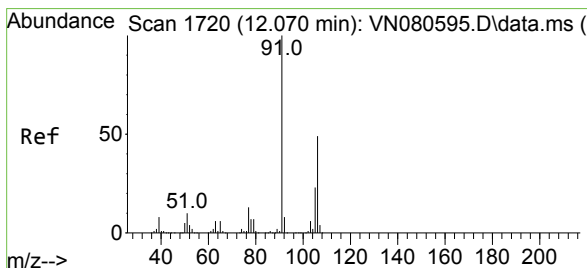
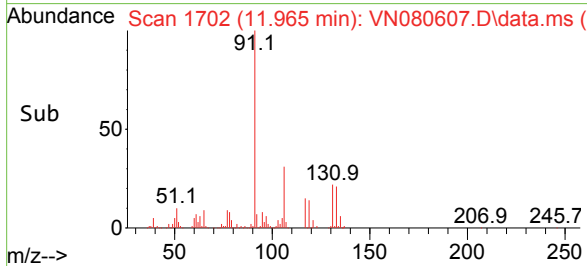
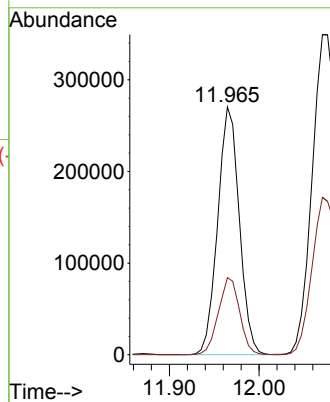
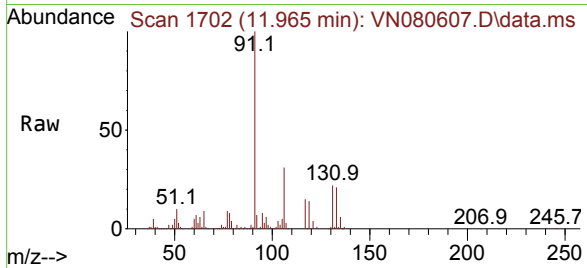
VN1229WBS01

Tgt Ion: 91 Resp: 451640

Ion Ratio Lower Upper

91 100

106 31.1 25.6 38.4



#68

m/p-Xylenes

Concen: 35.411 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080607.D

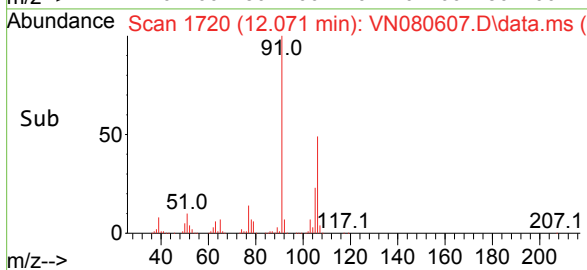
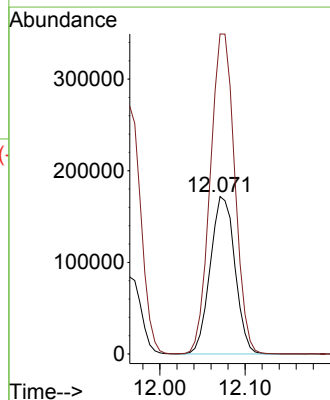
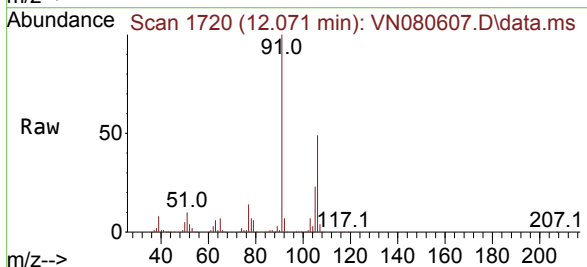
Acq: 29 Dec 2023 12:00

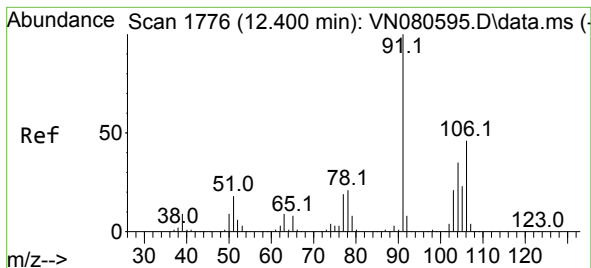
Tgt Ion: 106 Resp: 345750

Ion Ratio Lower Upper

106 100

91 202.1 159.6 239.4





#69

o-Xylene

Concen: 17.162 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

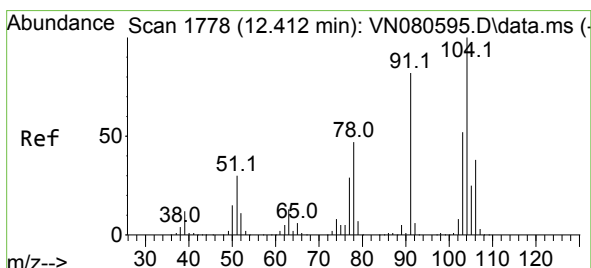
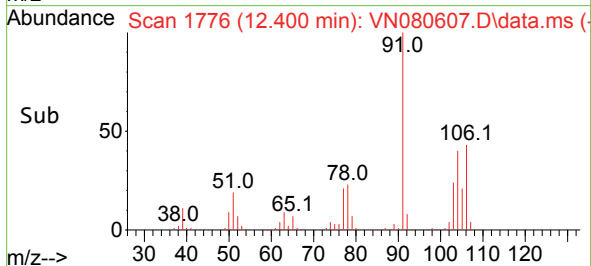
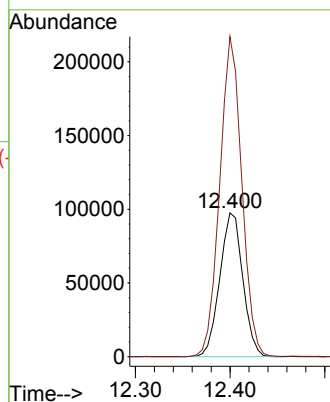
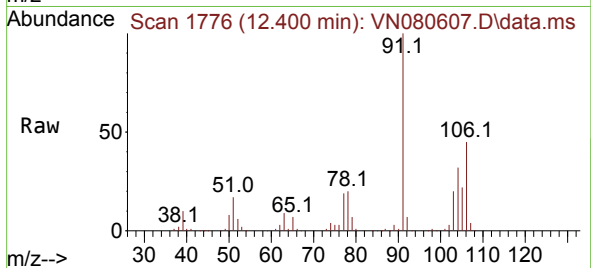
VN1229WBS01

Tgt Ion:106 Resp: 164578

Ion Ratio Lower Upper

106 100

91 213.8 105.2 315.5



#70

Styrene

Concen: 17.662 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

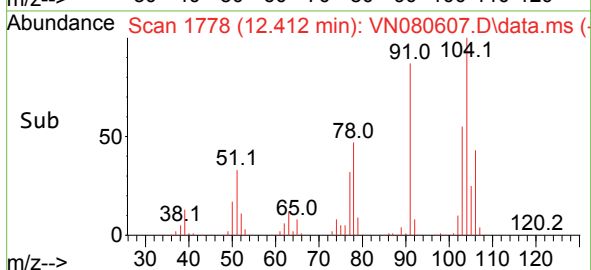
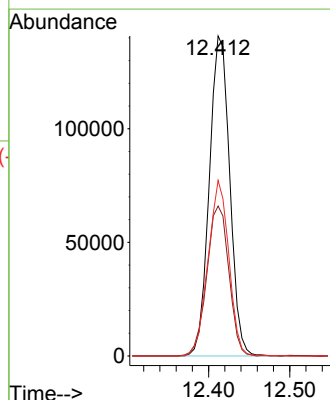
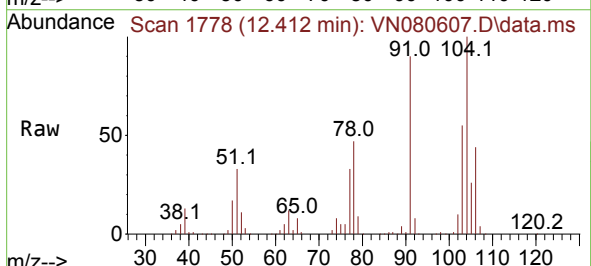
Tgt Ion:104 Resp: 246306

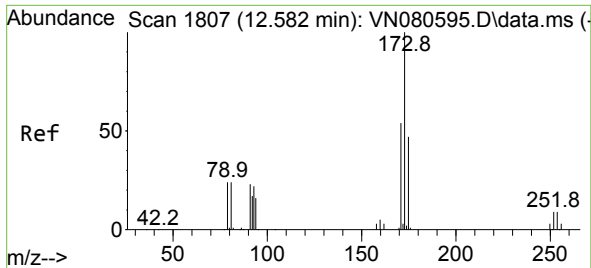
Ion Ratio Lower Upper

104 100

78 50.6 39.5 59.3

103 55.9 43.2 64.8

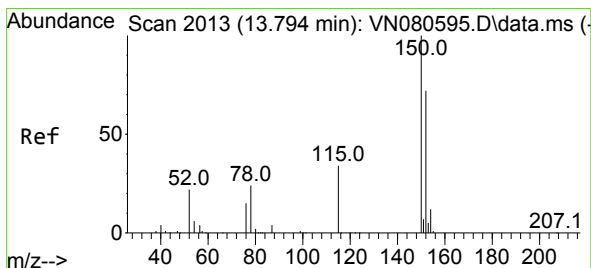
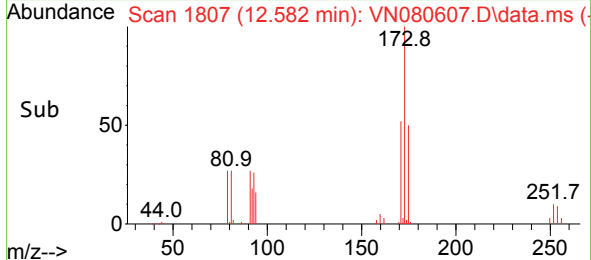
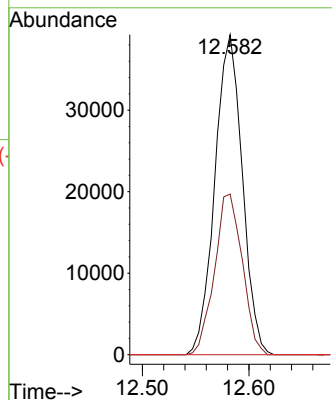
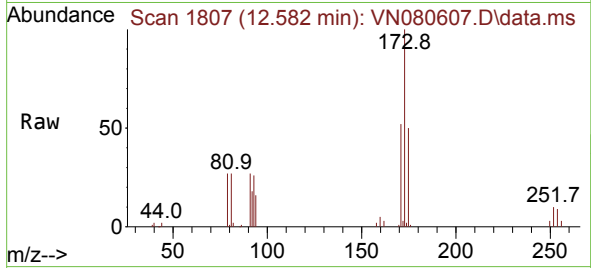




#71
Bromoform
Concen: 16.395 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

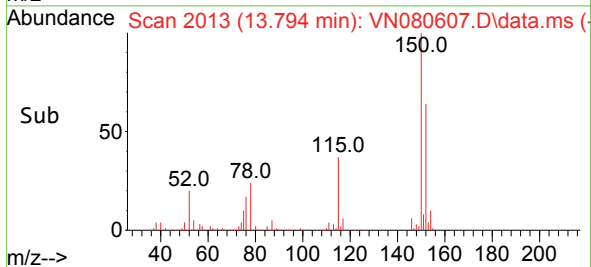
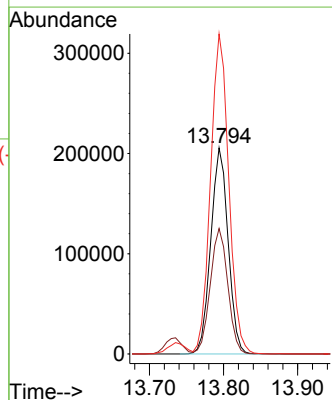
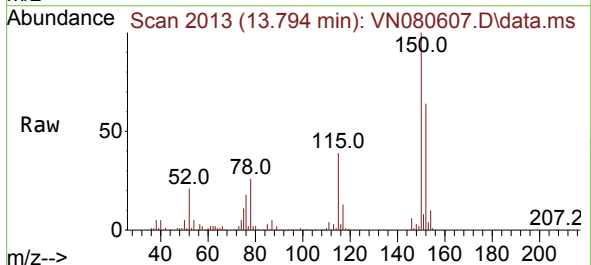
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

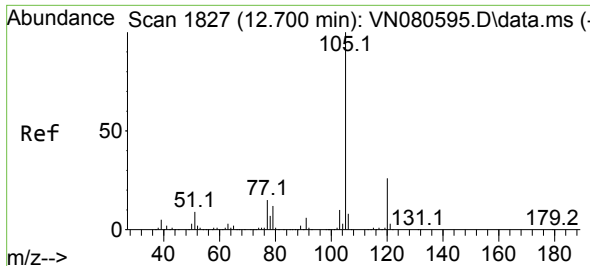
Tgt Ion:173 Resp: 70218
Ion Ratio Lower Upper
173 100
175 50.8 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:152 Resp: 334227
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 163.0 0.0 355.8

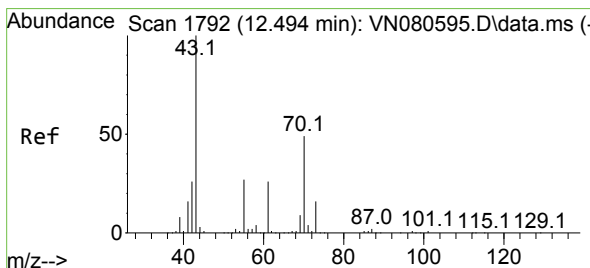
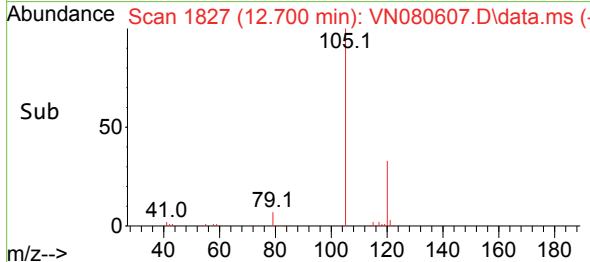
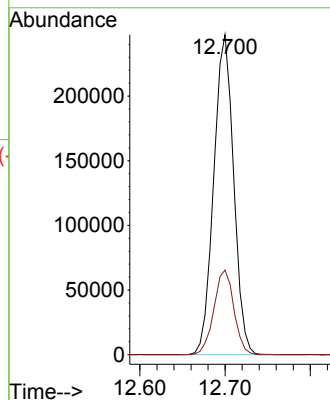
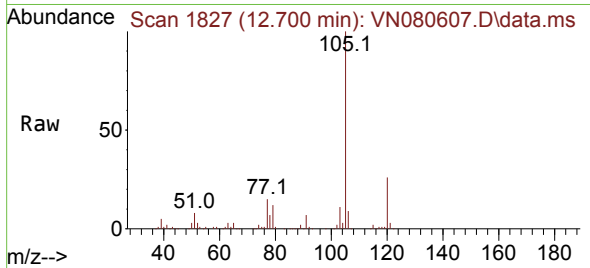




#73
Isopropylbenzene
Concen: 17.543 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

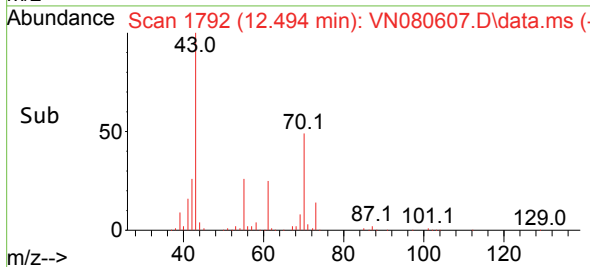
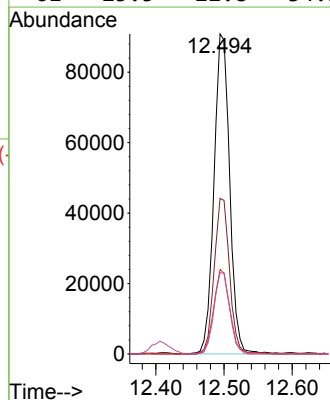
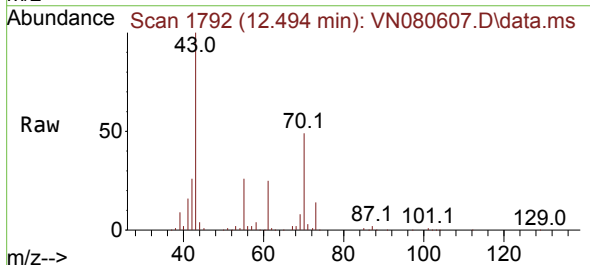
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

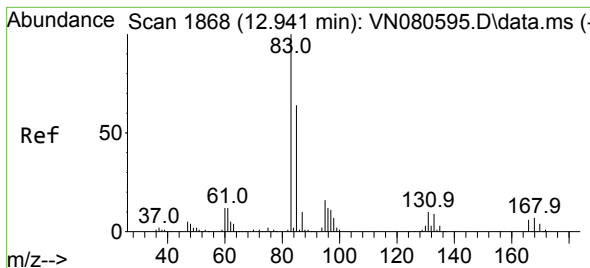
Tgt Ion:105 Resp: 401318
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 18.078 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 43 Resp: 145894
Ion Ratio Lower Upper
43 100
70 47.5 43.4 65.2
55 27.0 21.4 32.0
61 25.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.448 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01

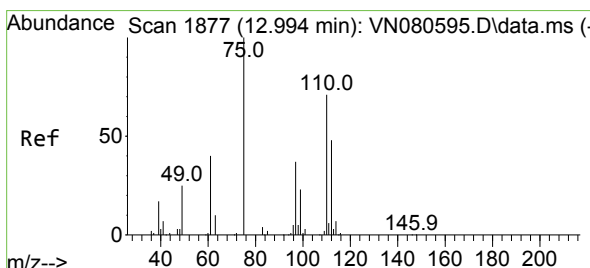
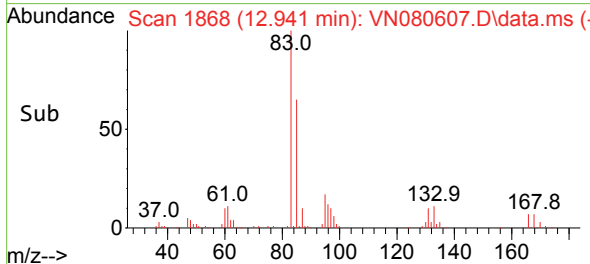
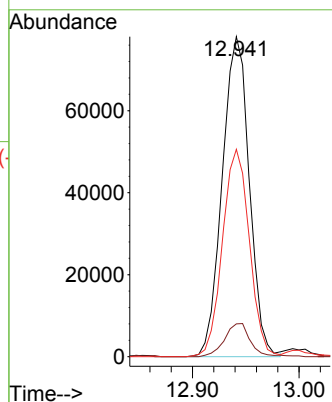
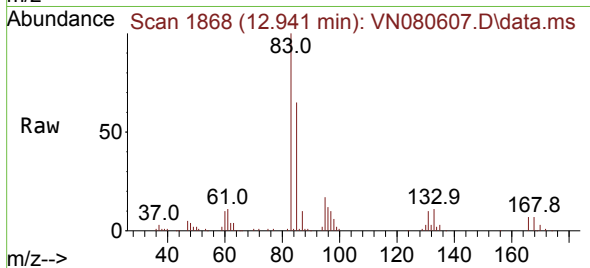
Tgt Ion: 83 Resp: 137742

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.798 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080607.D

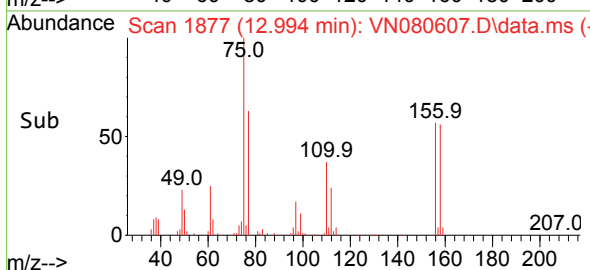
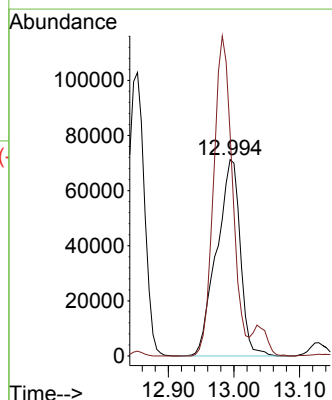
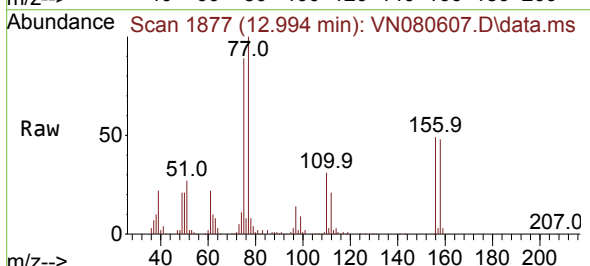
Acq: 29 Dec 2023 12:00

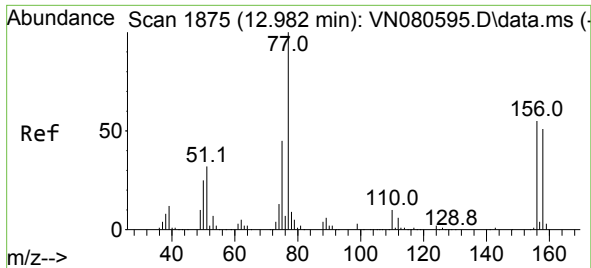
Tgt Ion: 75 Resp: 178262

Ion Ratio Lower Upper

75 100

77 130.1 84.5 253.5

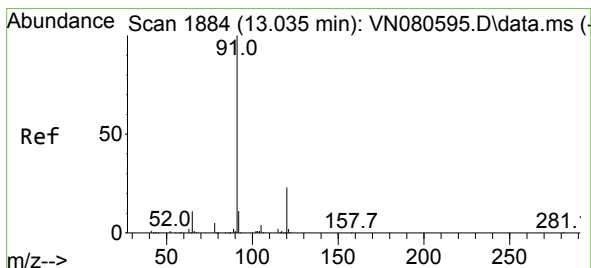
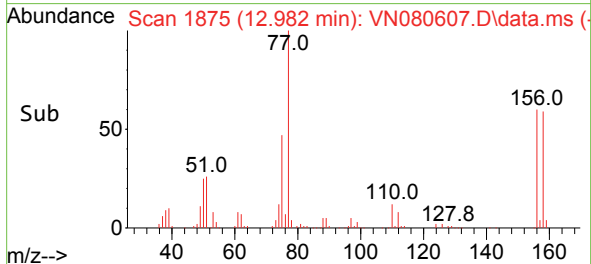
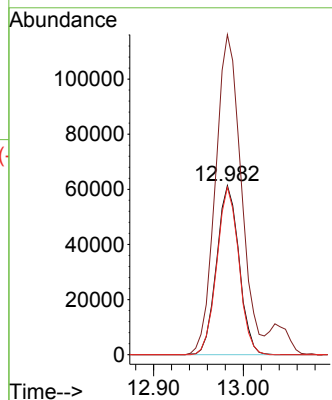
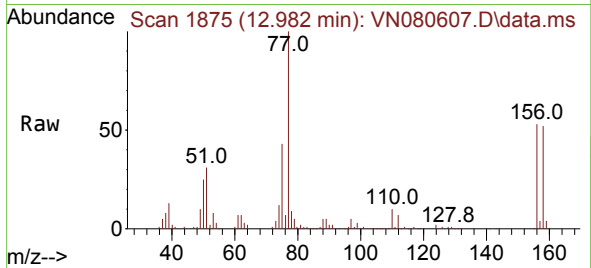




#77
Bromobenzene
Concen: 17.521 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

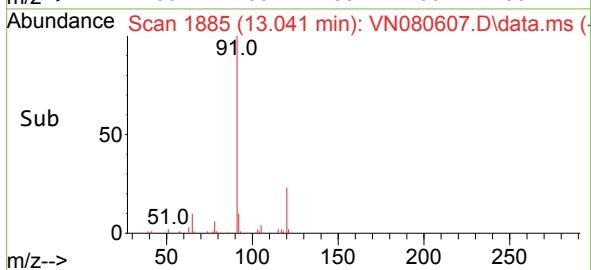
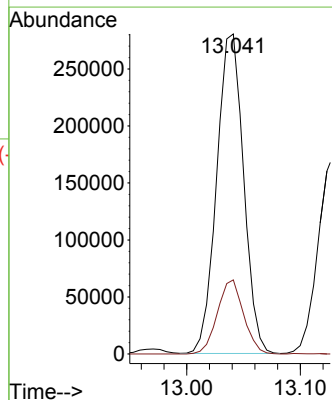
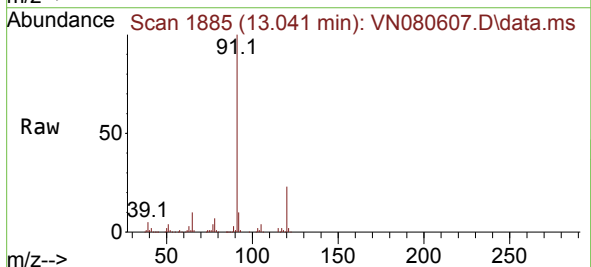
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

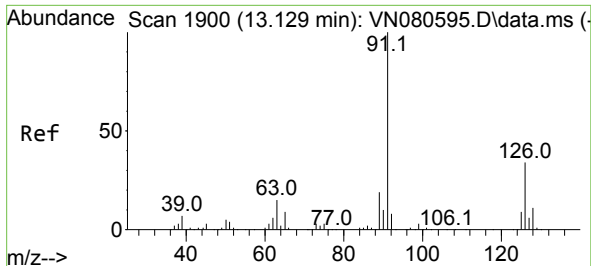
Tgt Ion:156 Resp: 106451
Ion Ratio Lower Upper
156 100
77 217.9 107.7 323.3
158 97.3 48.4 145.3



#78
n-propylbenzene
Concen: 17.656 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 91 Resp: 461879
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

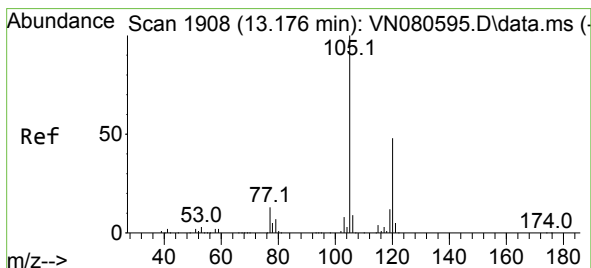
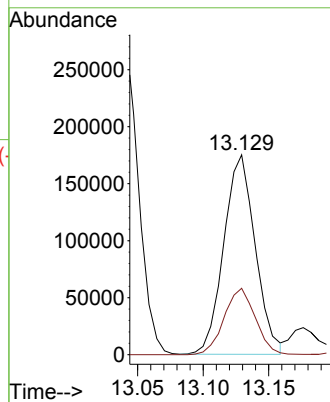
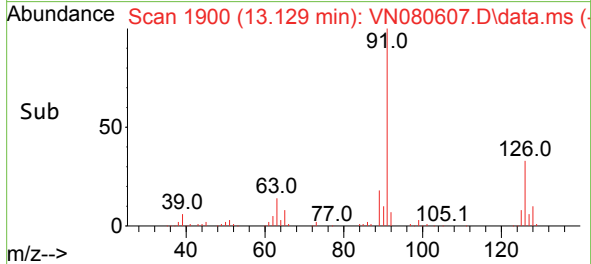
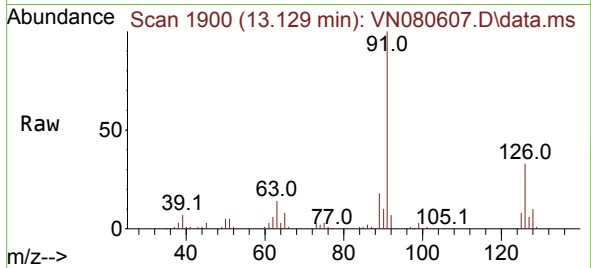




#79
2-Chlorotoluene
Concen: 17.104 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

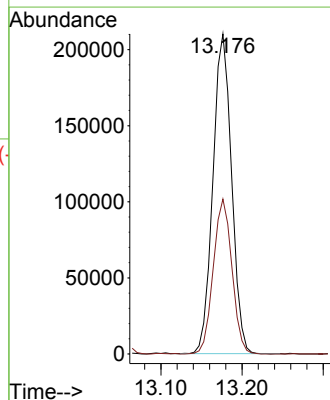
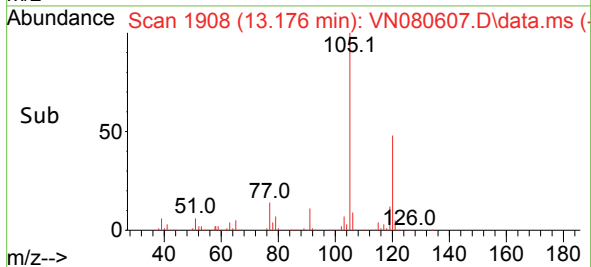
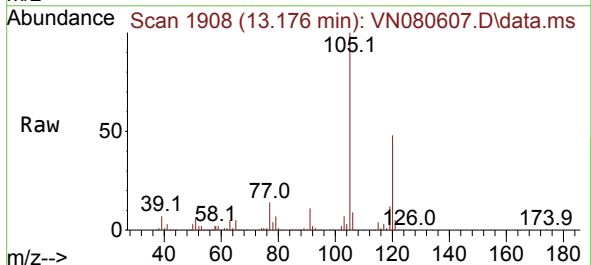
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

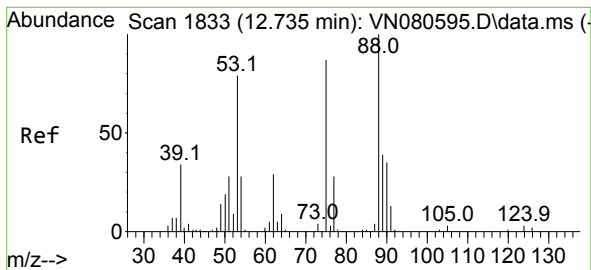
Tgt Ion: 91 Resp: 292111
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 17.385 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 105 Resp: 335810
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

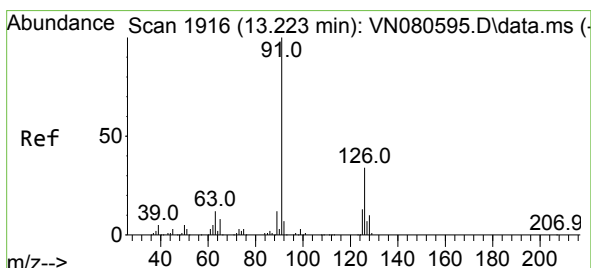
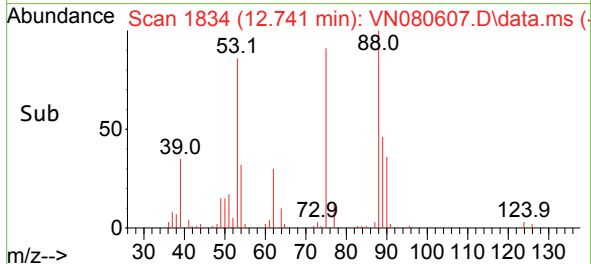
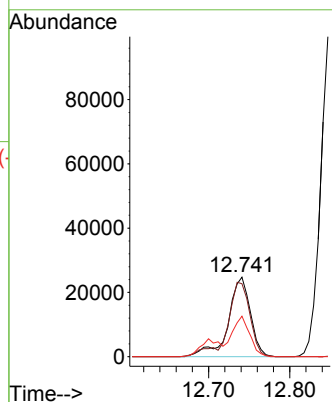
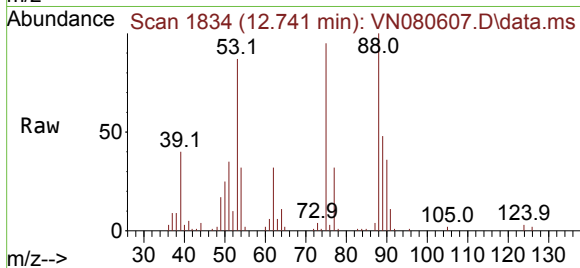




#81
trans-1,4-Dichloro-2-butene
Concen: 17.680 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

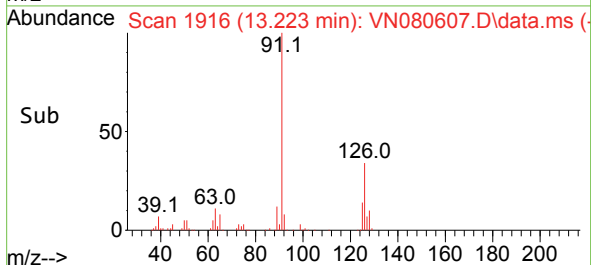
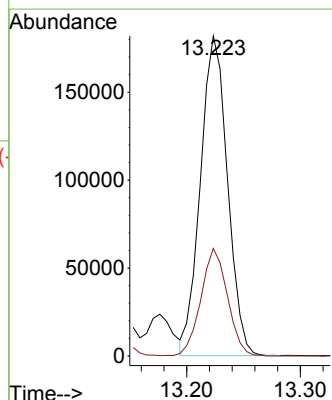
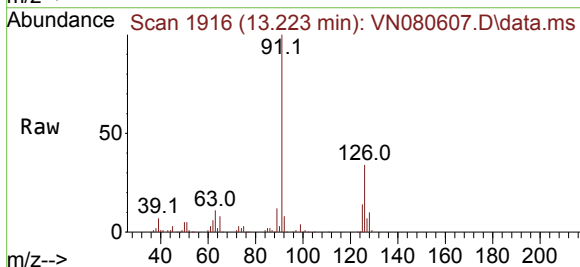
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

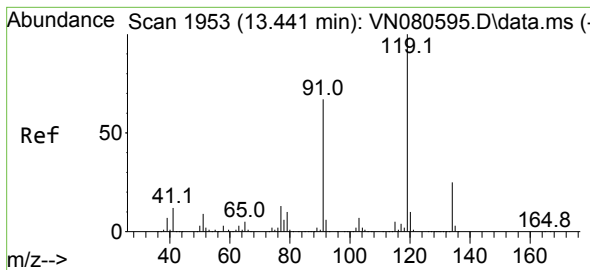
Tgt Ion: 75 Resp: 46920
Ion Ratio Lower Upper
75 100
53 94.3 67.4 101.2
89 40.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.229 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 91 Resp: 300911
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0

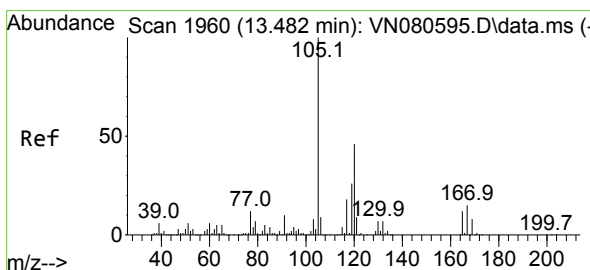
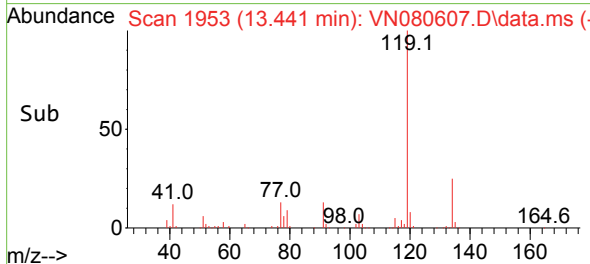
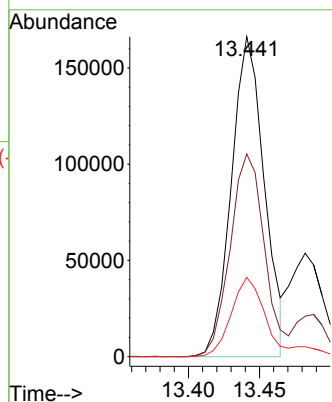
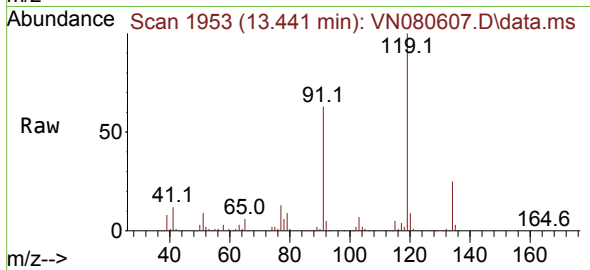




#83
tert-Butylbenzene
Concen: 16.598 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

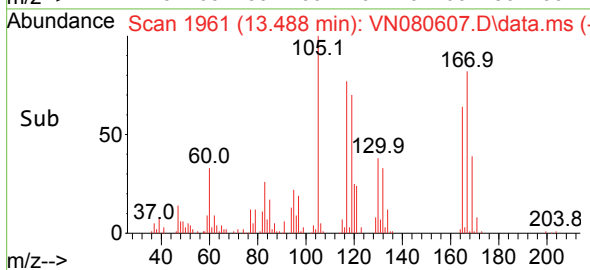
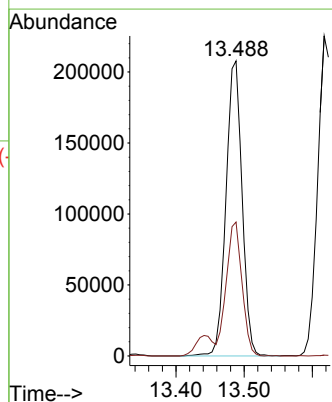
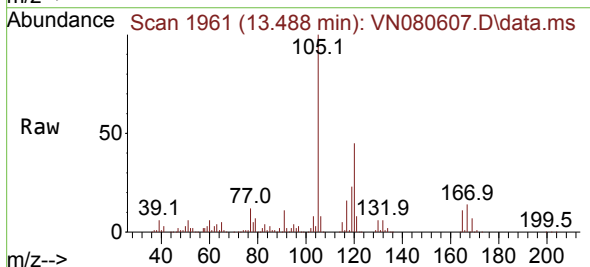
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

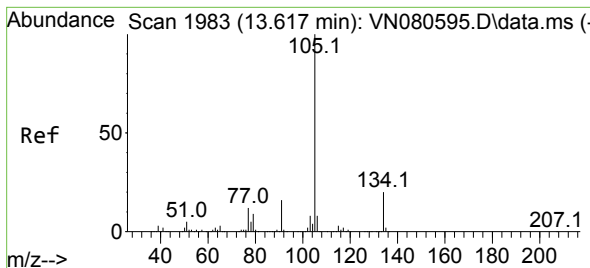
Tgt Ion:119 Resp: 267951
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.7
134 24.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 17.443 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:105 Resp: 341159
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 16.888 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

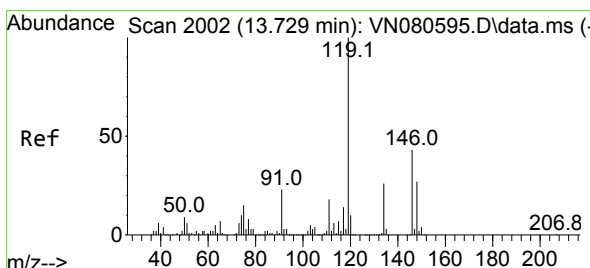
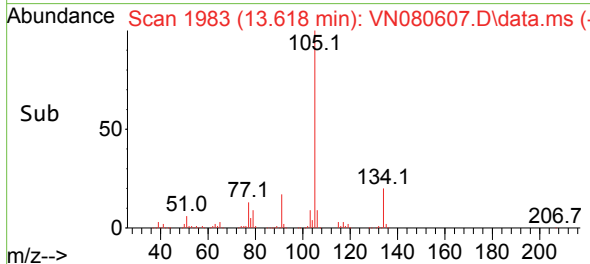
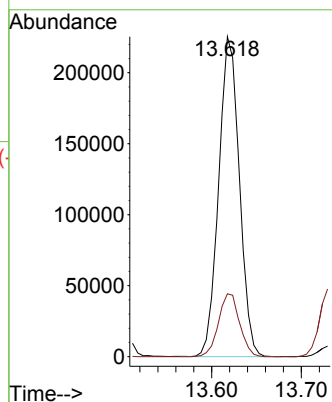
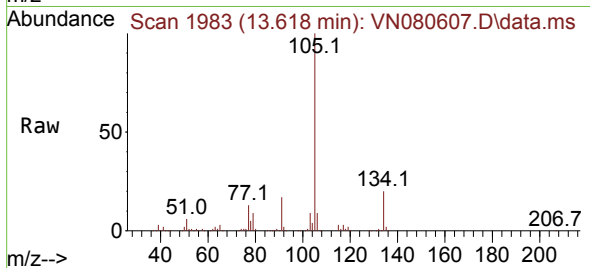
VN1229WBS01

Tgt Ion:105 Resp: 360795

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 16.502 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

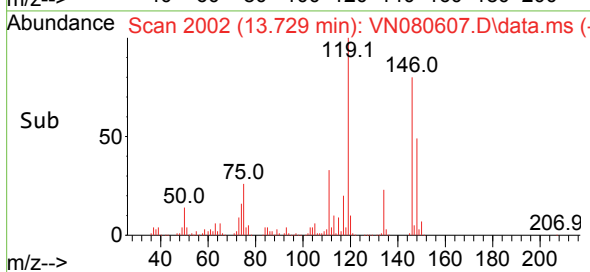
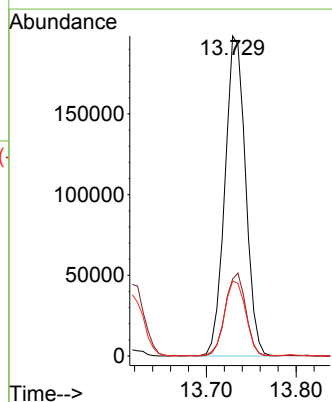
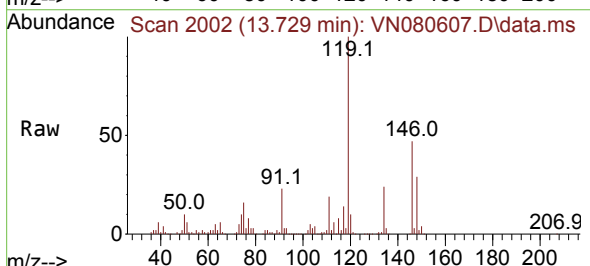
Tgt Ion:119 Resp: 316428

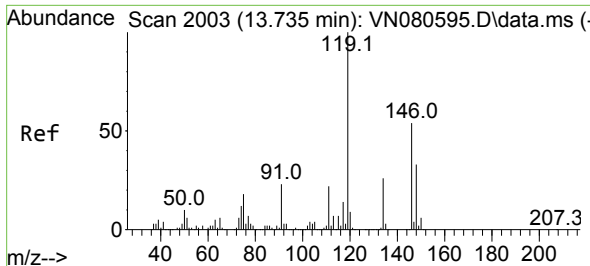
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.5 12.4 37.2

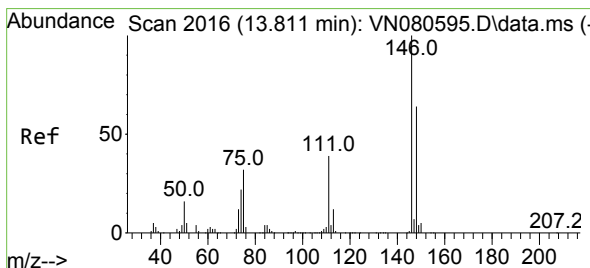
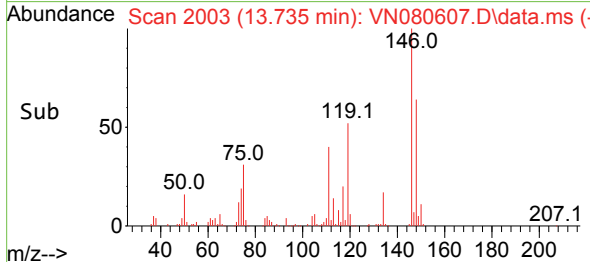
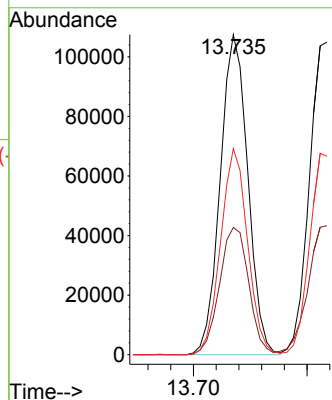
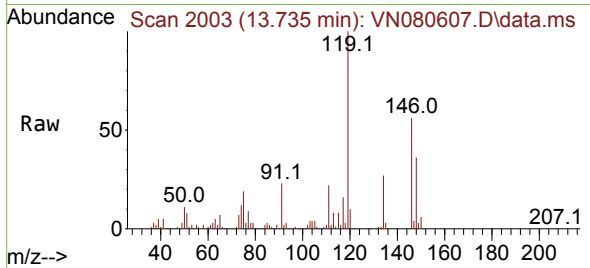




#87
1,3-Dichlorobenzene
Concen: 16.556 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

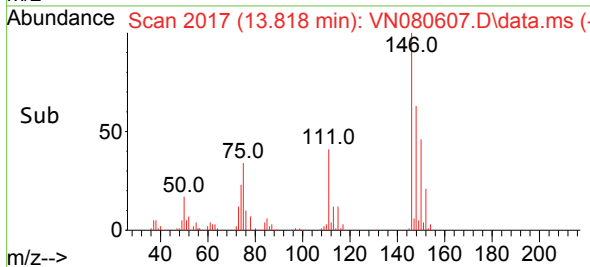
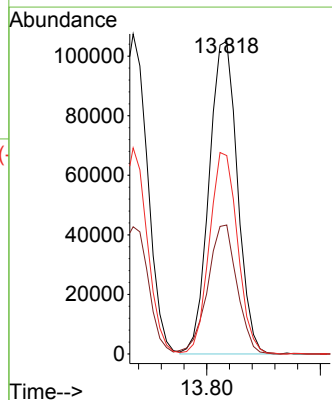
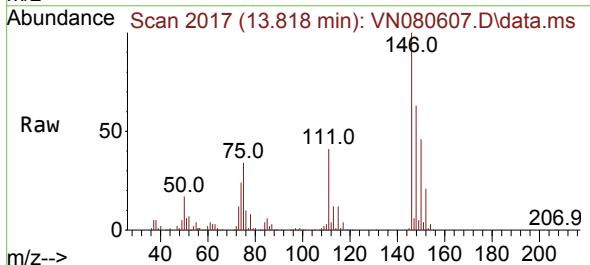
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

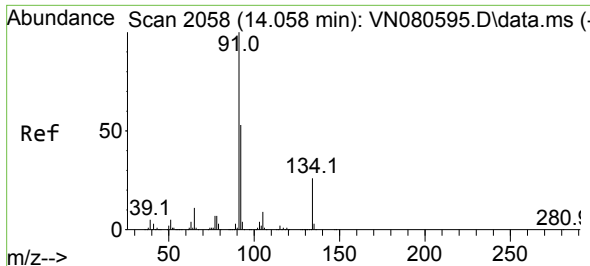
Tgt Ion:146 Resp: 181282
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 63.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 16.544 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion:146 Resp: 182105
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 64.1 31.6 94.8

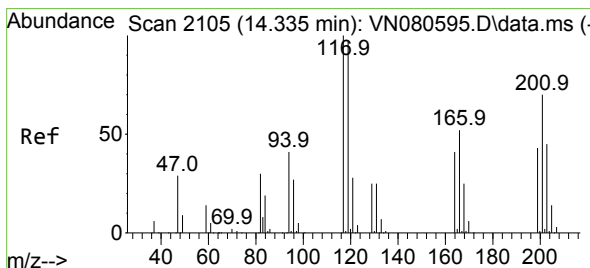
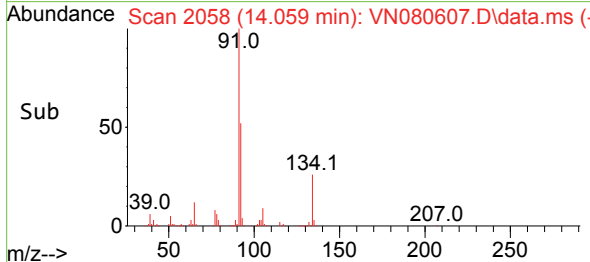
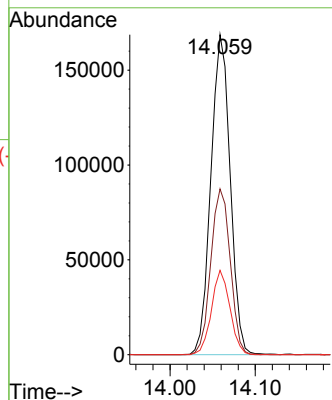
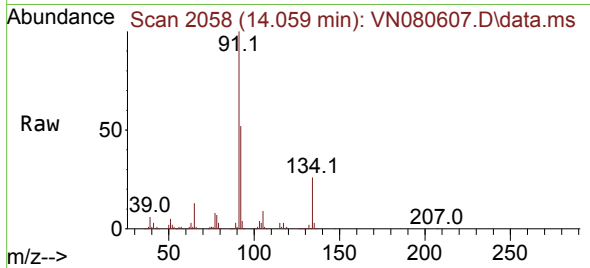




#89
n-Butylbenzene
Concen: 16.638 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

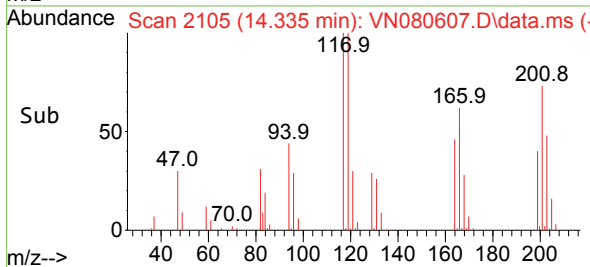
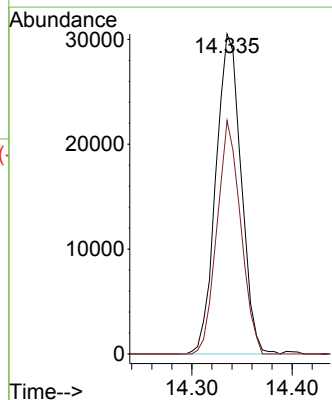
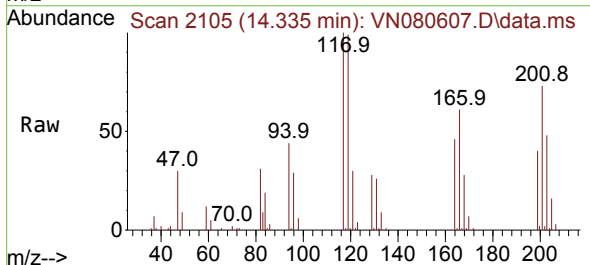
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBS01

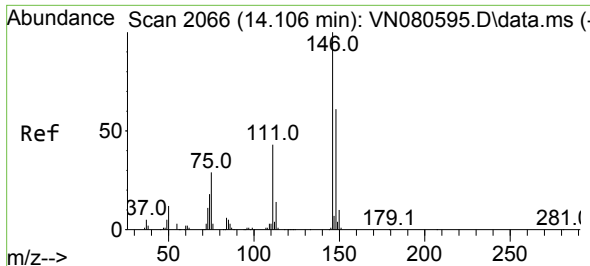
Tgt Ion: 91 Resp: 265644
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 15.994 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080607.D
Acq: 29 Dec 2023 12:00

Tgt Ion: 117 Resp: 53336
Ion Ratio Lower Upper
117 100
201 68.4 29.3 88.0

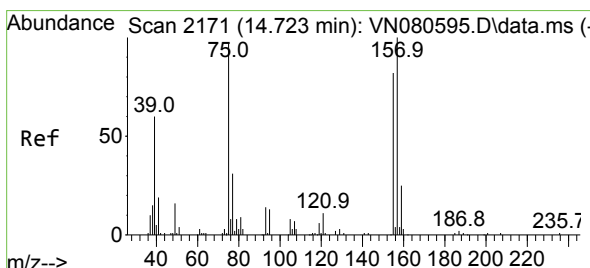
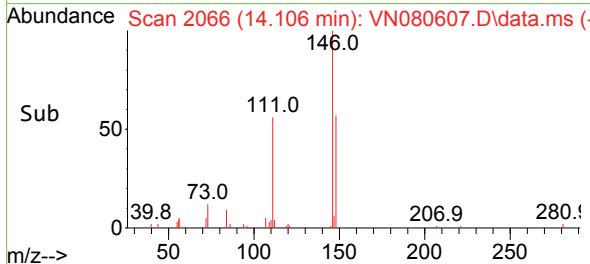
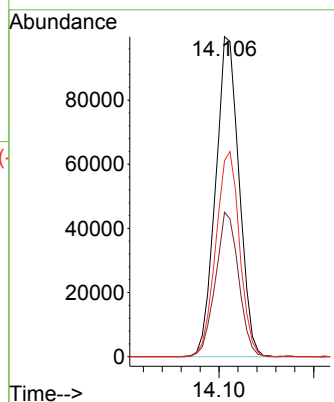
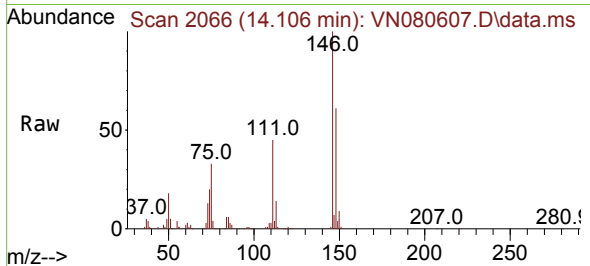




#91
 1,2-Dichlorobenzene
 Concen: 16.290 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

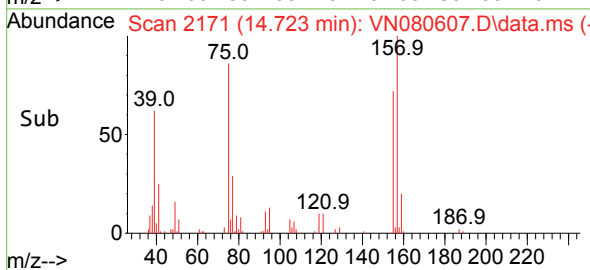
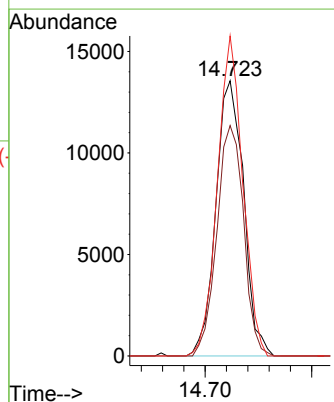
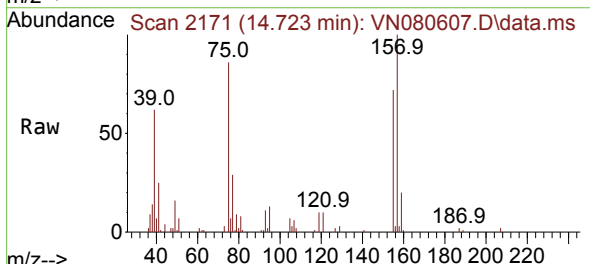
Instrument :
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 ClientSampleId :
 VN1229WBS01

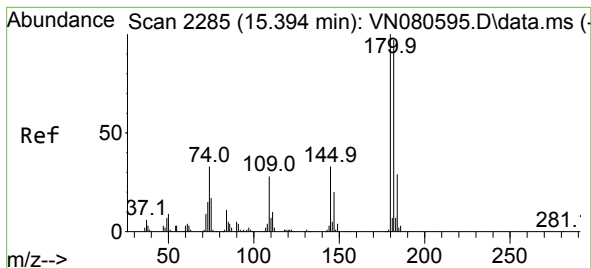
Tgt Ion:146 Resp: 172162
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.0 66.0
 148 64.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.020 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080607.D
 Acq: 29 Dec 2023 12:00

Tgt Ion: 75 Resp: 24473
 Ion Ratio Lower Upper
 75 100
 155 80.8 39.1 117.2
 157 106.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.141 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01

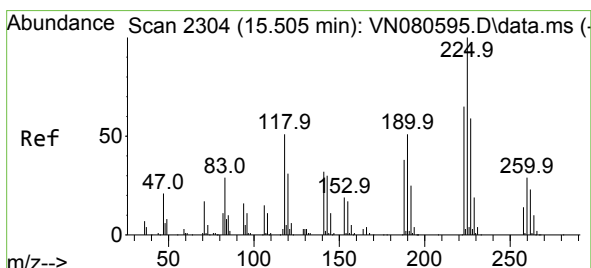
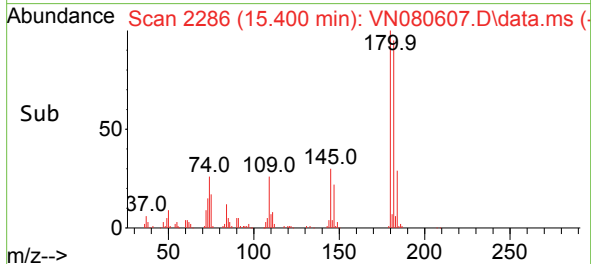
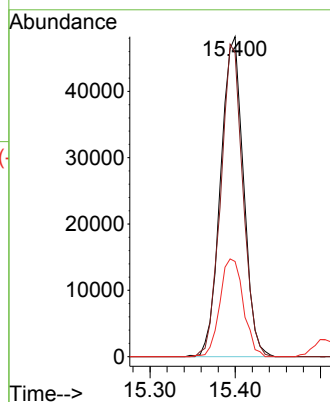
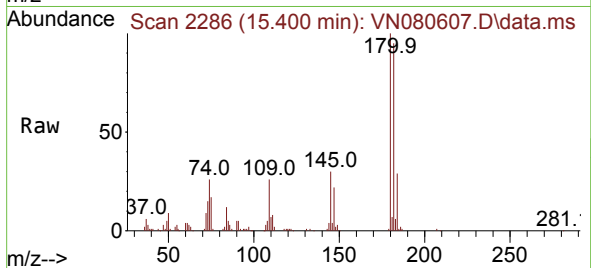
Tgt Ion:180 Resp: 90002

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

145 31.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 14.621 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

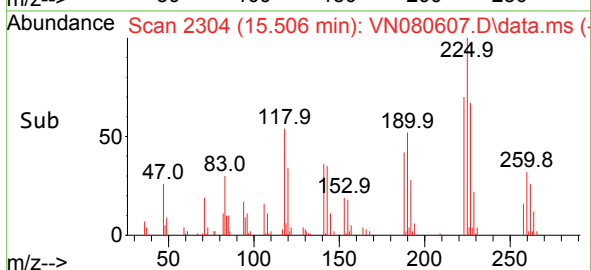
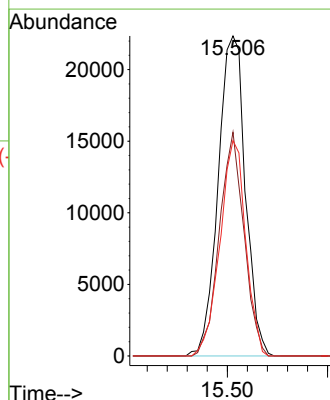
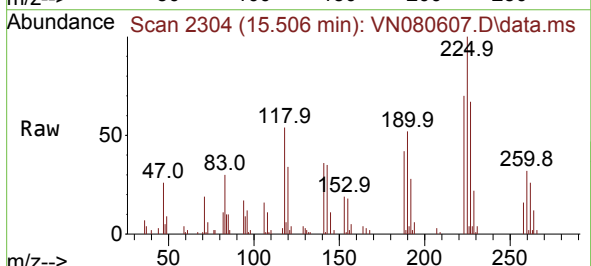
Tgt Ion:225 Resp: 42072

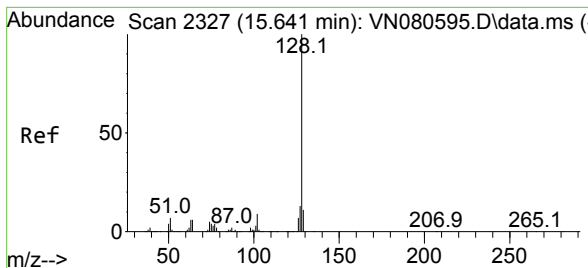
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 16.163 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBS01

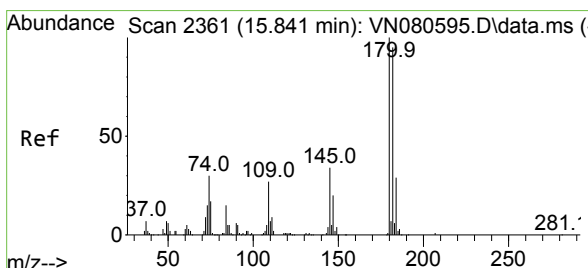
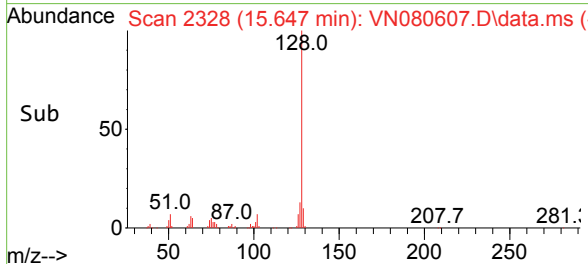
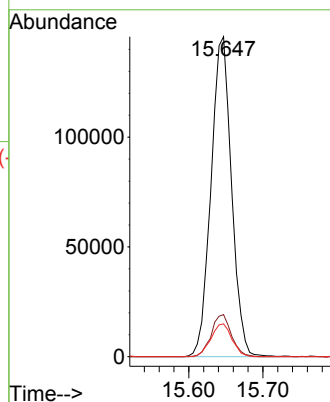
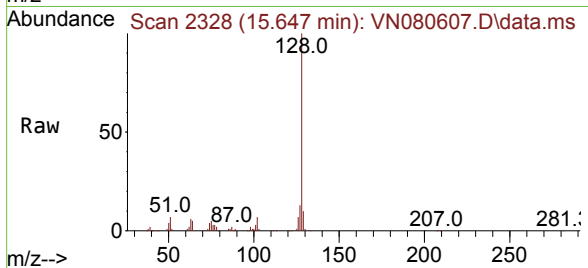
Tgt Ion:128 Resp: 280491

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.236 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080607.D

Acq: 29 Dec 2023 12:00

Tgt Ion:180 Resp: 91522

Ion Ratio Lower Upper

180 100

182 94.9 46.2 138.6

145 34.4 17.5 52.6

