

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080597.D
 Acq On : 27 Dec 2023 12:35
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 28 02:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	367141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	626083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	638251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	46189	9.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.620%#
35) Dibromofluoromethane	8.171	113	37173	9.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	18.360%#
50) Toluene-d8	10.571	98	151997	10.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	21.500%#
62) 4-Bromofluorobenzene	12.853	95	53913	11.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	22.660%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	48635	11.925	ug/l	96
3) Chloromethane	2.359	50	56053	10.994	ug/l	100
4) Vinyl Chloride	2.512	62	59073	13.016	ug/l	100
5) Bromomethane	2.959	94	21060	12.211	ug/l	99
6) Chloroethane	3.124	64	35878	12.662	ug/l	100
7) Trichlorofluoromethane	3.495	101	92642	14.296	ug/l	100
8) Diethyl Ether	3.965	74	28453	12.785	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	44491	12.577	ug/l #	75
10) Methyl Iodide	4.589	142	29970	12.262	ug/l	96
11) Tert butyl alcohol	5.518	59	42015	66.315	ug/l	100
12) 1,1-Dichloroethene	4.348	96	42994	12.671	ug/l	92
13) Acrolein	4.183	56	40523	56.569	ug/l	93
14) Allyl chloride	5.030	41	64739	12.567	ug/l #	91
15) Acrylonitrile	5.724	53	125836	69.637	ug/l	99
16) Acetone	4.430	43	79948	62.451	ug/l	97
17) Carbon Disulfide	4.712	76	111436	12.213	ug/l	100
18) Methyl Acetate	5.024	43	89519	12.613	ug/l	90
19) Methyl tert-butyl Ether	5.789	73	152025	12.445	ug/l	98
20) Methylene Chloride	5.277	84	49613	12.146	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	51646	12.597	ug/l	91
22) Diisopropyl ether	6.677	45	153187	13.388	ug/l #	93
23) Vinyl Acetate	6.606	43	375599	58.414	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	99021	12.911	ug/l	97
25) 2-Butanone	7.489	43	110676	46.256	ug/l	91
26) 2,2-Dichloropropane	7.494	77	67443	10.102	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	48054	9.855	ug/l	93
28) Bromochloromethane	7.818	49	32263	9.047	ug/l	96
29) Tetrahydrofuran	7.847	42	74406	47.683	ug/l	86
30) Chloroform	7.965	83	80593	10.467	ug/l	95
31) Cyclohexane	8.259	56	63332	9.940	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	71579	10.310	ug/l	98
36) 1,1-Dichloropropene	8.371	75	57194	9.178	ug/l	96
37) Ethyl Acetate	7.559	43	43309	9.210	ug/l	97
38) Carbon Tetrachloride	8.359	117	64585	10.130	ug/l	96
39) Methylcyclohexane	9.600	83	55235	10.806	ug/l	91
40) Benzene	8.606	78	178794	10.137	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26091	9.109	ug/l	90
42) 1,2-Dichloroethane	8.671	62	62713	10.861	ug/l	99
43) Isopropyl Acetate	8.688	43	77189	10.127	ug/l	97
44) Trichloroethene	9.353	130	46467	9.989	ug/l	99
45) 1,2-Dichloropropane	9.624	63	45873	10.831	ug/l	91
46) Dibromomethane	9.712	93	30805	10.810	ug/l	91
47) Bromodichloromethane	9.888	83	64289	10.763	ug/l	98
48) Methyl methacrylate	9.682	41	43822	10.355	ug/l #	85
49) 1,4-Dioxane	9.694	88	14540	214.956	ug/l	87
51) 4-Methyl-2-Pentanone	10.447	43	251846	58.096	ug/l	98
52) Toluene	10.635	92	121706	12.283	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	76470	12.699	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	77742	11.535	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	56559	14.390	ug/l	97
56) Ethyl methacrylate	10.877	69	51359	13.340	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	101694	15.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	167044	61.442	ug/l	95
59) 2-Hexanone	11.200	43	244868	74.945	ug/l	96
60) Dibromochloromethane	11.365	129	64230	14.676	ug/l	97
61) 1,2-Dibromoethane	11.471	107	57207	14.436	ug/l	100
64) Tetrachloroethene	11.106	164	49149	11.524	ug/l	96
65) Chlorobenzene	11.894	112	133611	10.063	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	51023	9.990	ug/l	96
67) Ethyl Benzene	11.965	91	222980	10.045	ug/l	99
68) m/p-Xylenes	12.076	106	169900	20.628	ug/l	98
69) o-Xylene	12.400	106	81808	10.113	ug/l	99
70) Styrene	12.412	104	119923	10.195	ug/l	100
71) Bromoform	12.582	173	35690	9.878	ug/l #	98
73) Isopropylbenzene	12.700	105	200194	10.630	ug/l	100
74) N-amyl acetate	12.494	43	72191	10.865	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	69009	10.618	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	86822	14.670	ug/l	72
77) Bromobenzene	12.982	156	52791	10.554	ug/l	100
78) n-propylbenzene	13.035	91	226867	10.534	ug/l	100
79) 2-Chlorotoluene	13.129	91	143762	10.225	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	163497	10.281	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19759	9.044	ug/l	88
82) 4-Chlorotoluene	13.223	91	145903	10.147	ug/l	97
83) tert-Butylbenzene	13.441	119	137258	10.327	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	169353	10.517	ug/l	99
85) sec-Butylbenzene	13.618	105	182555	10.379	ug/l	100
86) p-Isopropyltoluene	13.729	119	154231	10.032	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	89000	9.873	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	93062	10.270	ug/l	98
89) n-Butylbenzene	14.059	91	128028	9.740	ug/l	99
90) Hexachloroethane	14.335	117	27503	10.018	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	88826	10.209	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12782	9.529	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48313	10.524	ug/l	99
94) Hexachlorobutadiene	15.506	225	21542	9.093	ug/l	95
95) Naphthalene	15.641	128	150252	10.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45871	9.884	ug/l	100

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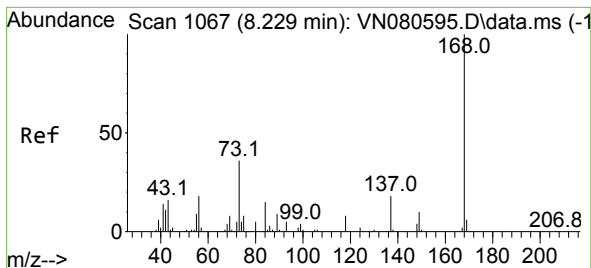
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Quant Title : SW846 8260
QLast Update : Thu Dec 28 01:54:24 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN080597.D

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Instrument :

MSVOA_N

ClientSampleId :

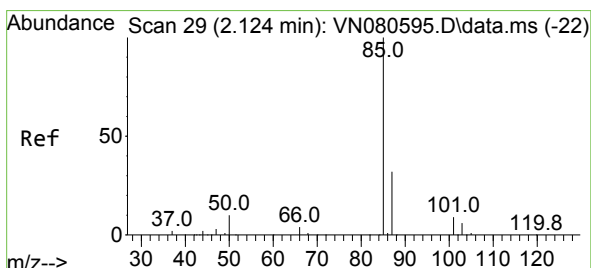
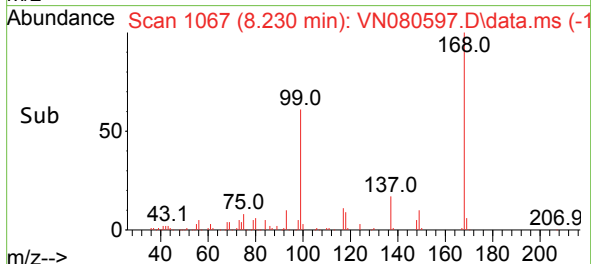
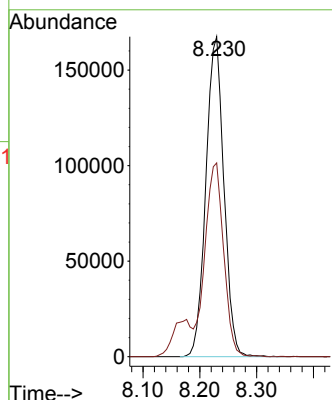
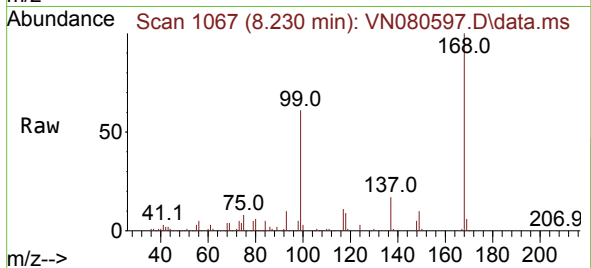
VSTDICC010

Tgt Ion:168 Resp: 367141

Ion Ratio Lower Upper

168 100

99 60.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 11.925 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080597.D

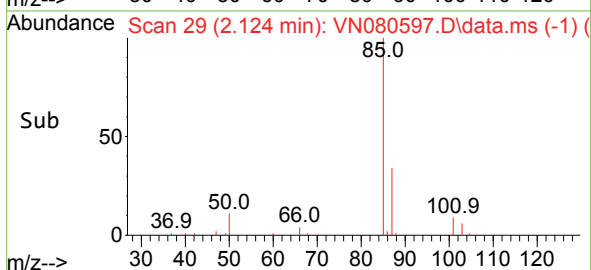
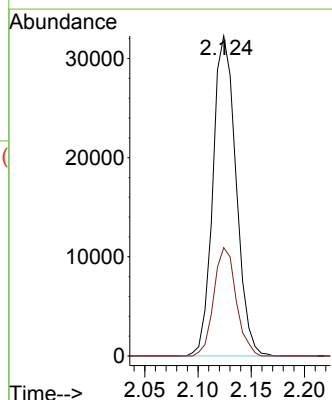
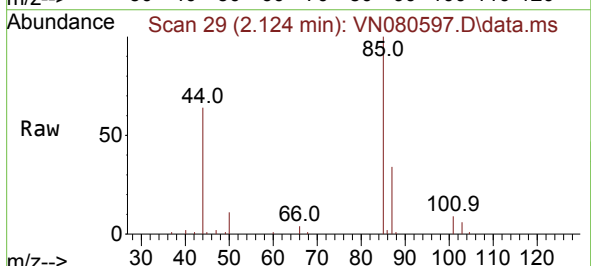
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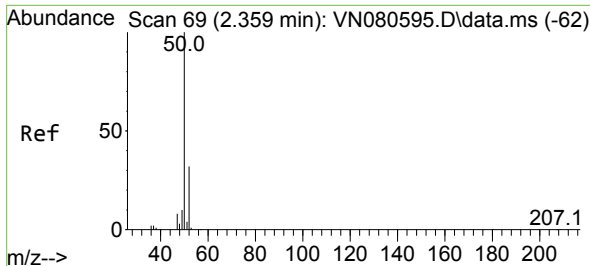
Tgt Ion: 85 Resp: 48635

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4

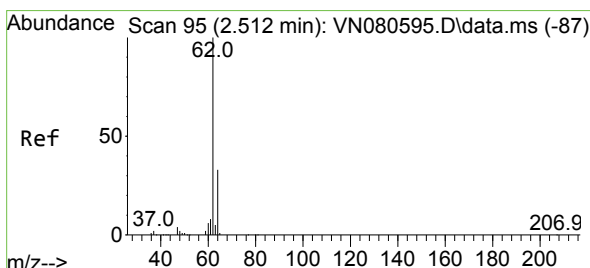
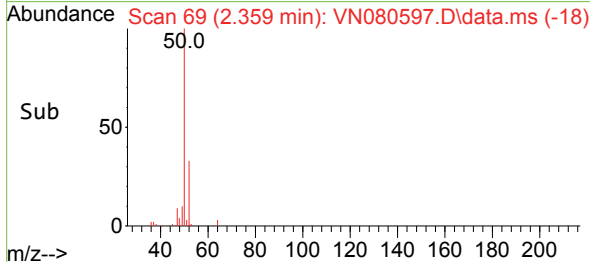
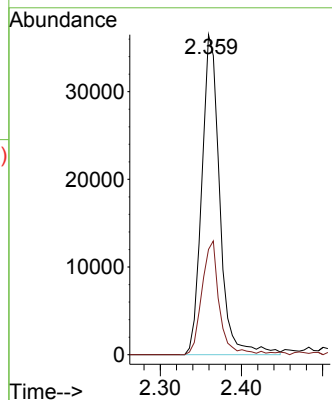
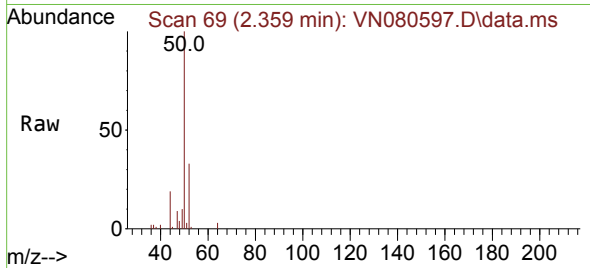




#3
Chloromethane
Concen: 10.994 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080597.D
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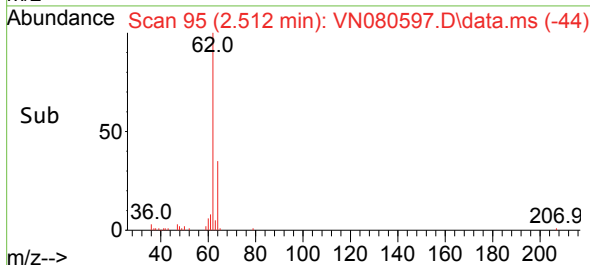
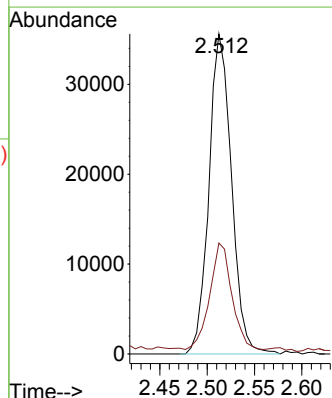
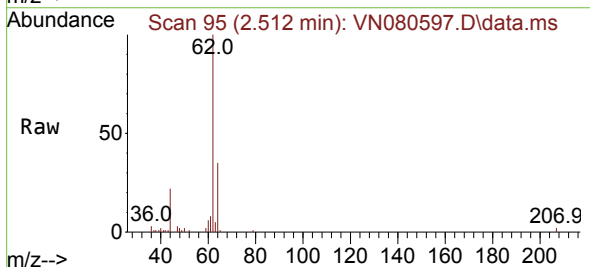
Instrument :
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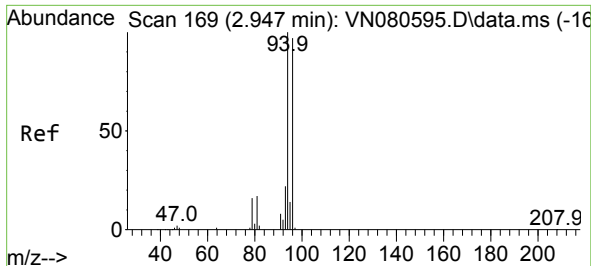
Tgt Ion: 50 Resp: 56053
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 13.016 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 62 Resp: 59073
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

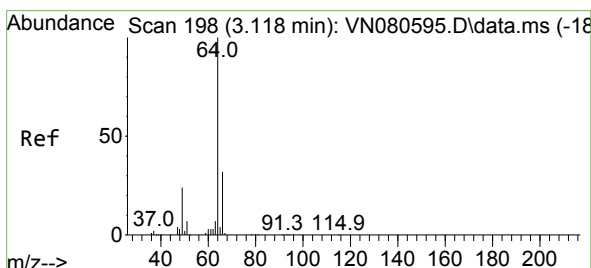
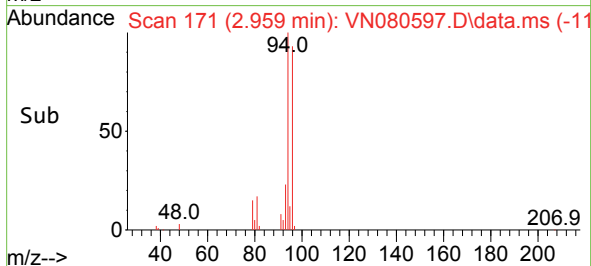
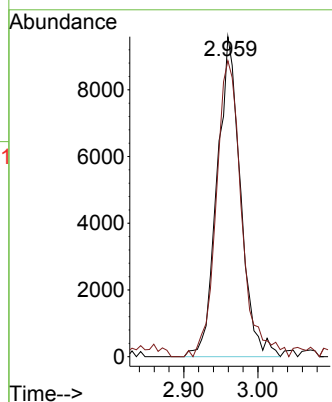
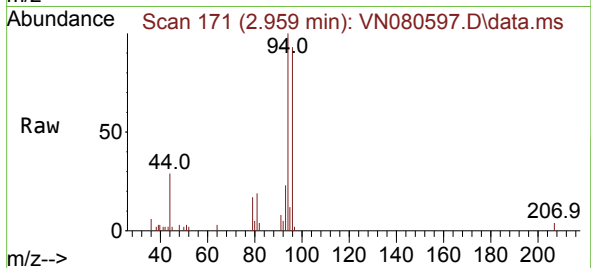




#5
Bromomethane
Concen: 12.211 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

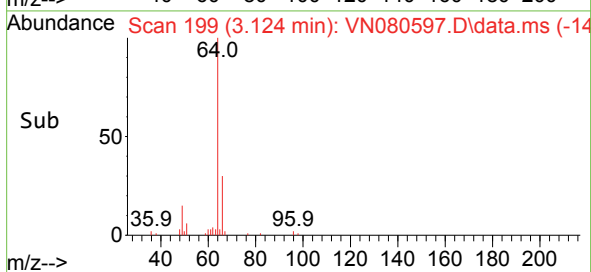
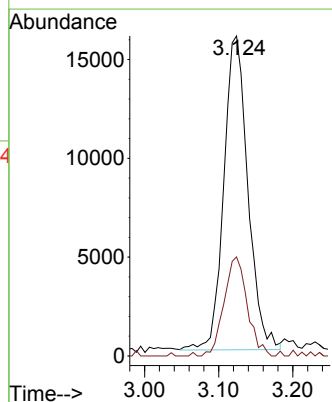
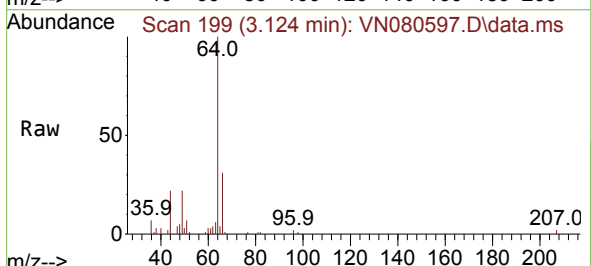
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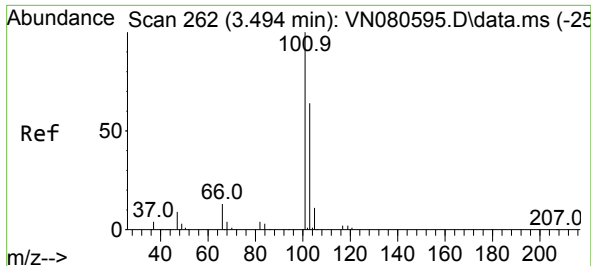
Tgt Ion: 94 Resp: 21060
Ion Ratio Lower Upper
94 100
96 92.5 73.1 109.7



#6
Chloroethane
Concen: 12.662 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 64 Resp: 35878
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2

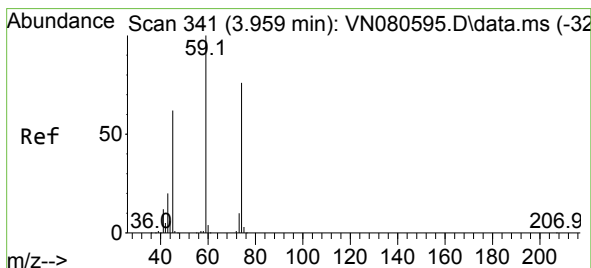
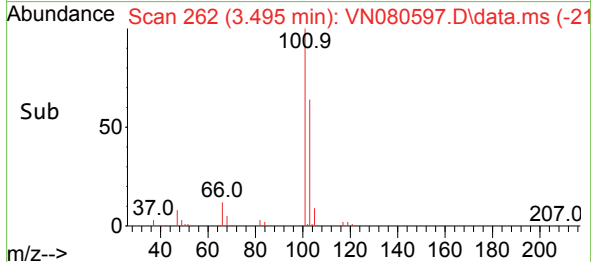
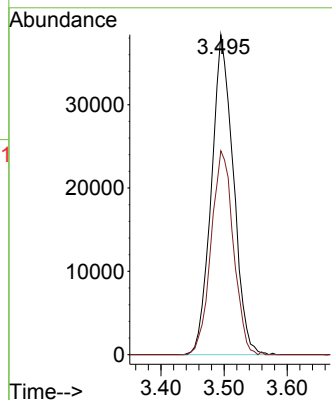
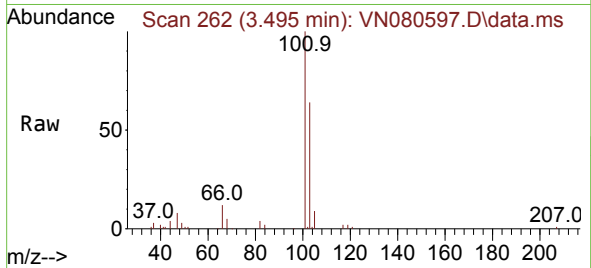




#7
 Trichlorofluoromethane
 Concen: 14.296 ug/l
 RT: 3.495 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN080597.D
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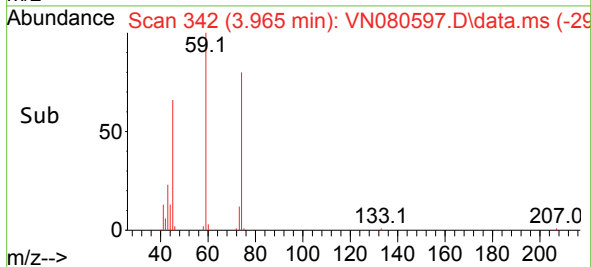
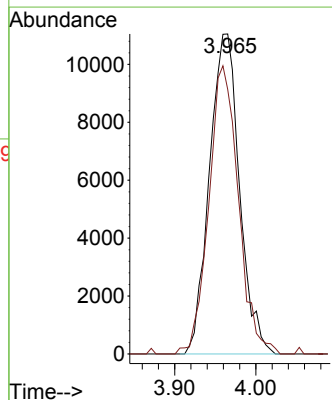
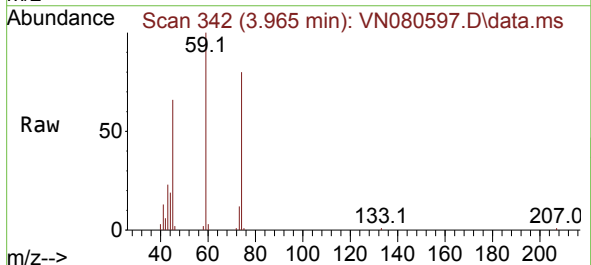
Instrument :
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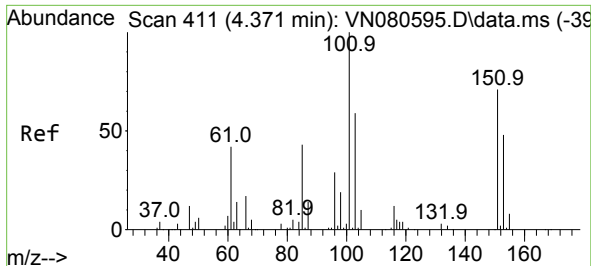
Tgt Ion:101 Resp: 92642
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 12.785 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 74 Resp: 28453
 Ion Ratio Lower Upper
 74 100
 45 88.6 34.4 103.3

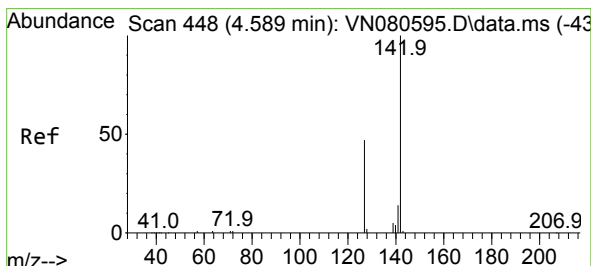
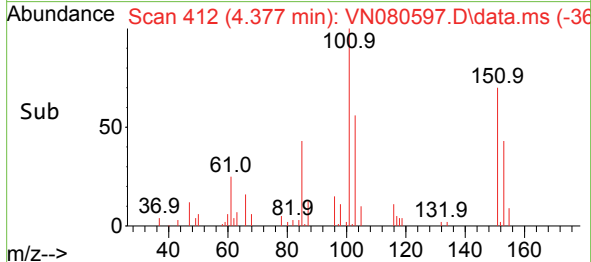
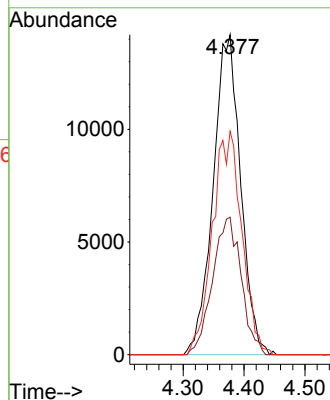
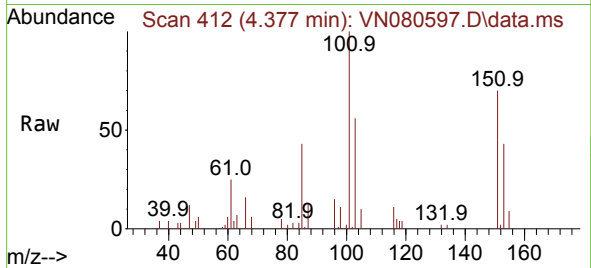




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.577 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

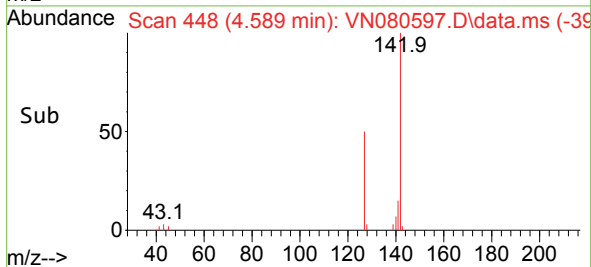
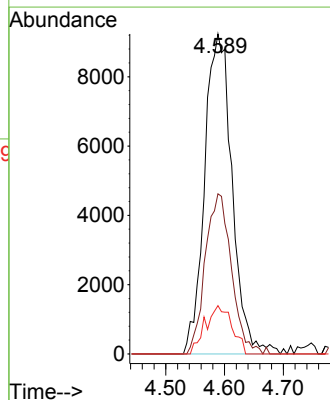
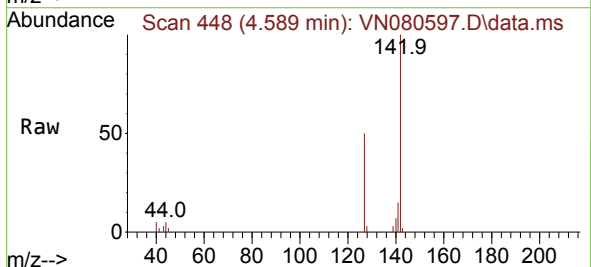
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

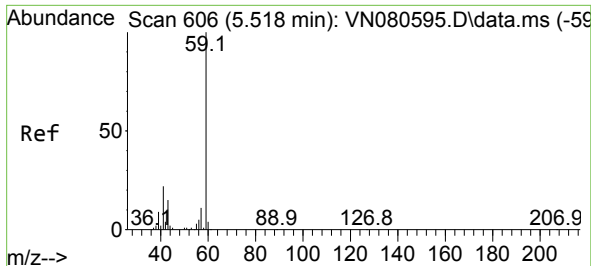
Tgt Ion:101 Resp: 44491
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 39.0 57.6 86.4#



#10
Methyl Iodide
Concen: 12.262 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion:142 Resp: 29970
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 15.1 11.4 17.0

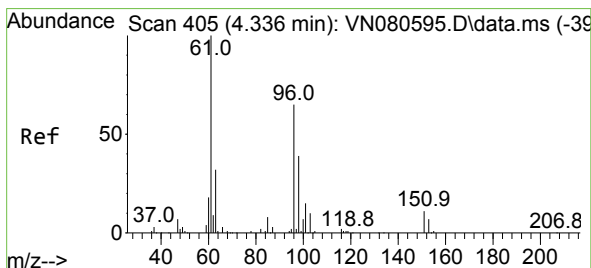
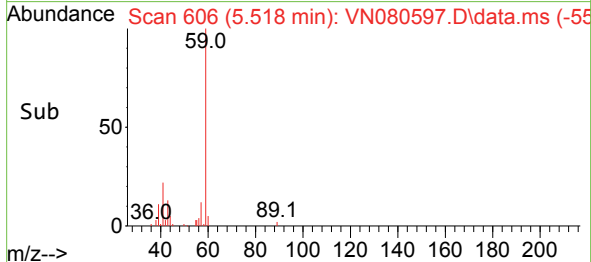
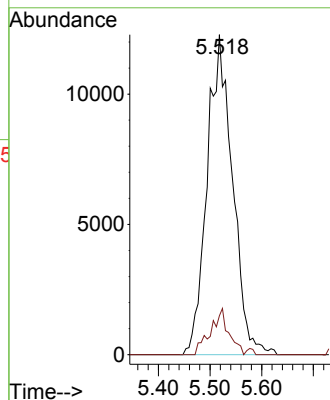
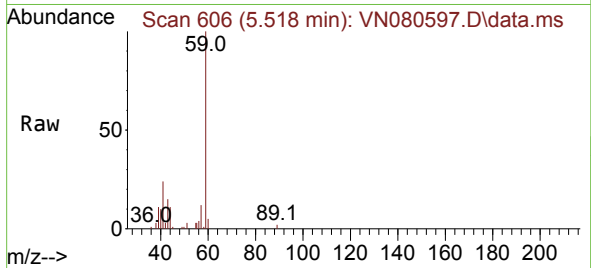




#11
Tert butyl alcohol
Concen: 66.315 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

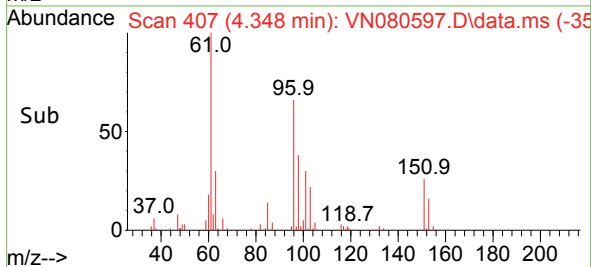
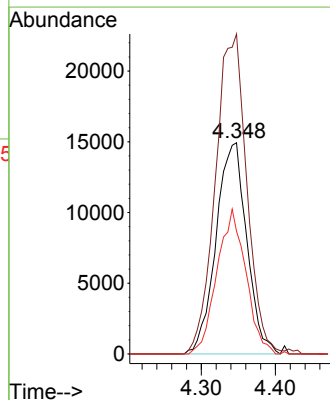
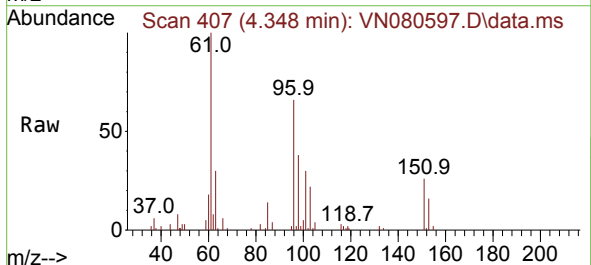
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

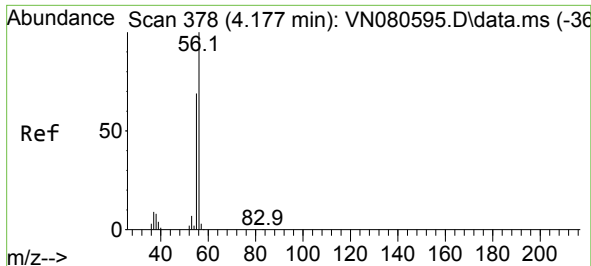
Tgt Ion: 59 Resp: 42015
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 12.671 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 96 Resp: 42994
Ion Ratio Lower Upper
96 100
61 151.5 112.7 169.1
98 58.1 51.2 76.8





#13

Acrolein

Concen: 56.569 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

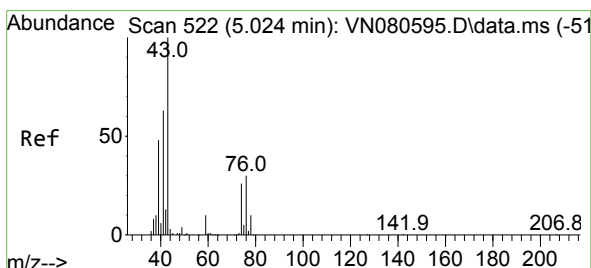
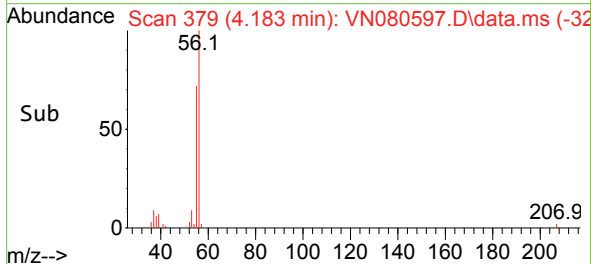
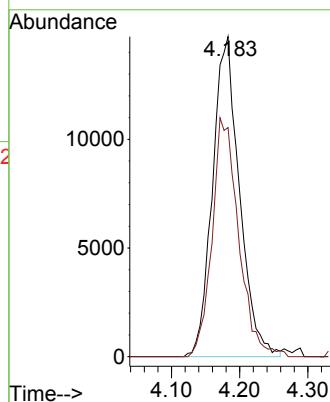
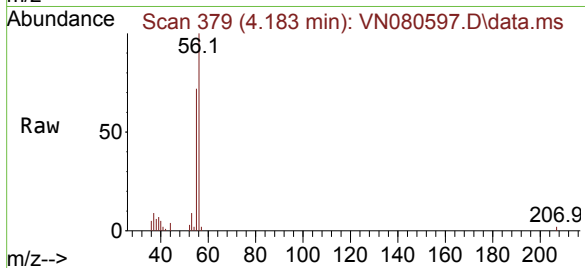
VSTDICC010

Tgt Ion: 56 Resp: 40523

Ion Ratio Lower Upper

56 100

55 73.4 54.5 81.7



#14

Allyl chloride

Concen: 12.567 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

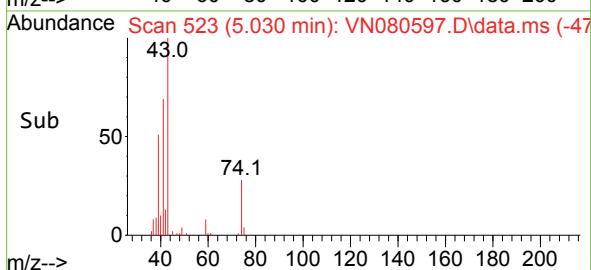
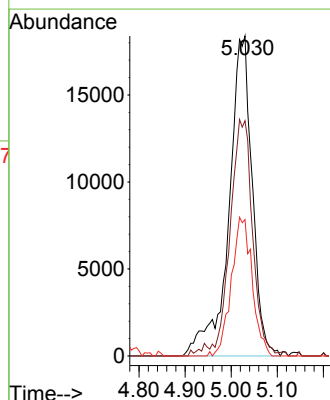
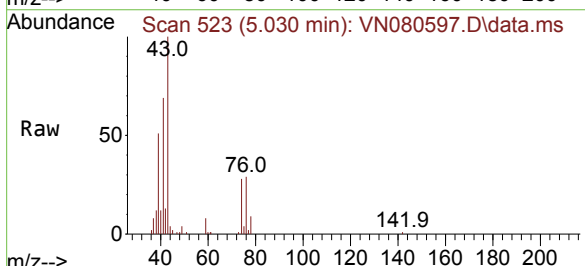
Tgt Ion: 41 Resp: 64739

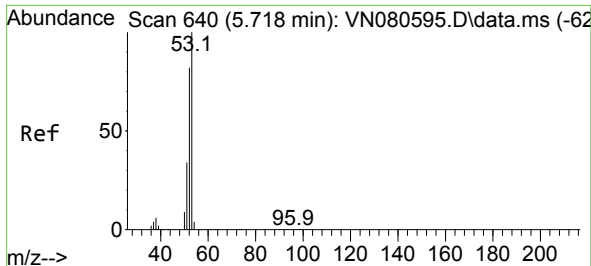
Ion Ratio Lower Upper

41 100

39 68.9 58.8 88.2

76 38.6 39.1 58.7#

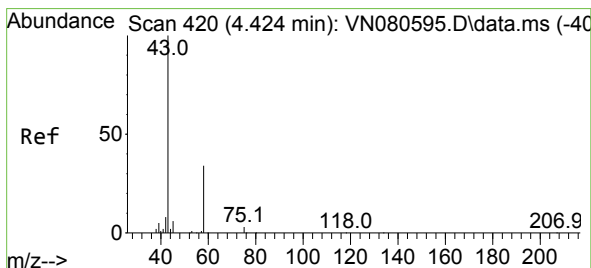
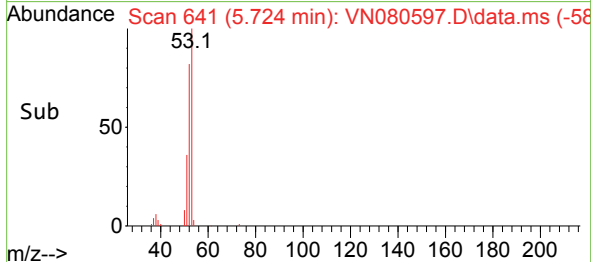
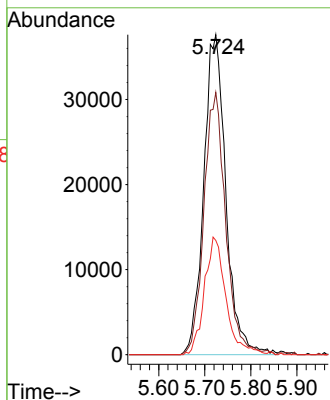
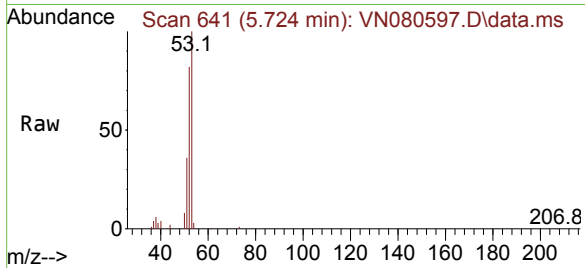




#15
Acrylonitrile
Concen: 69.637 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

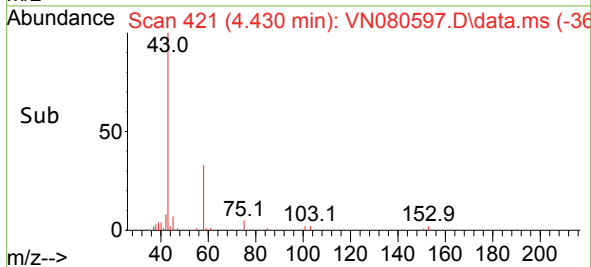
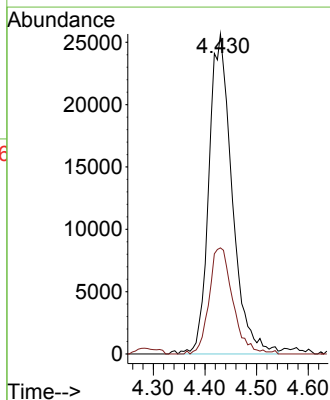
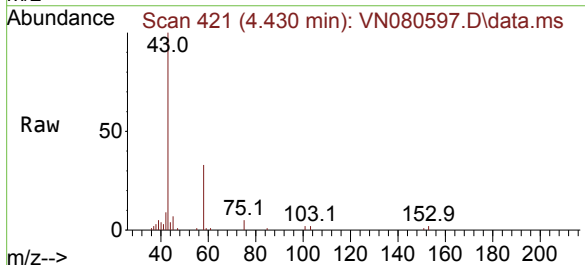
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

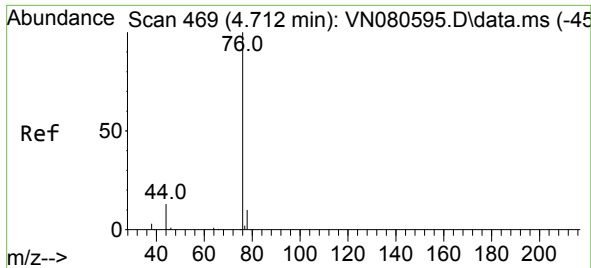
Tgt Ion: 53 Resp: 125836
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 62.451 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 43 Resp: 79948
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

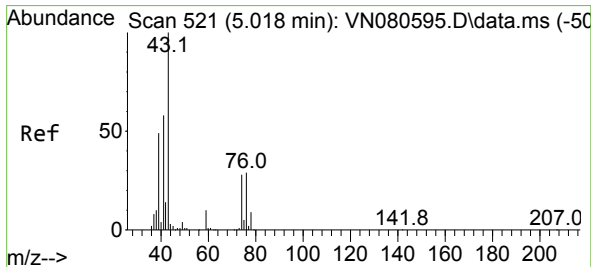
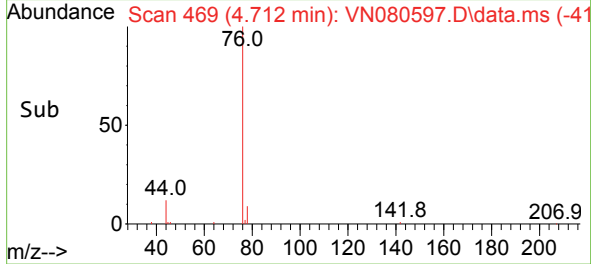
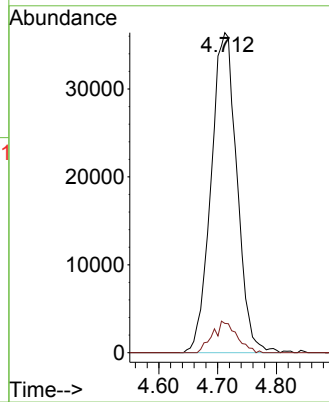
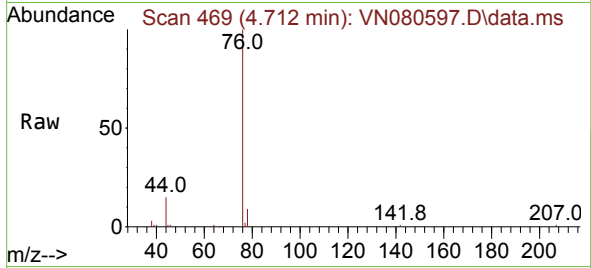




#17
Carbon Disulfide
Concen: 12.213 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

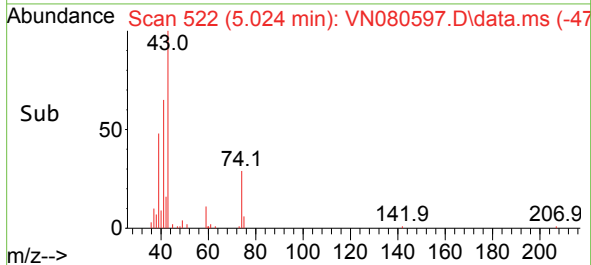
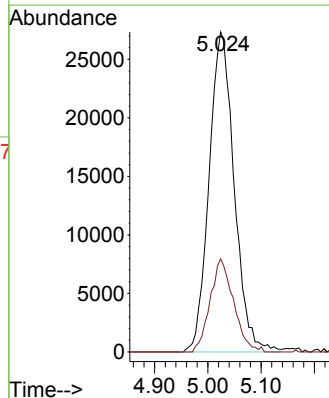
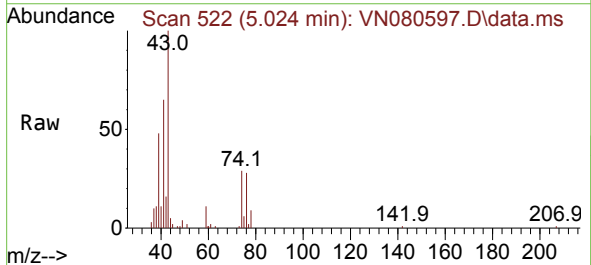
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

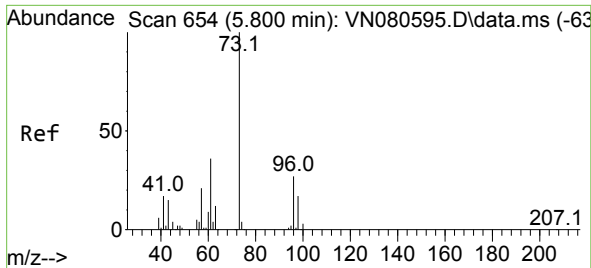
Tgt Ion: 76 Resp: 111436
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 12.613 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 43 Resp: 89519
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4

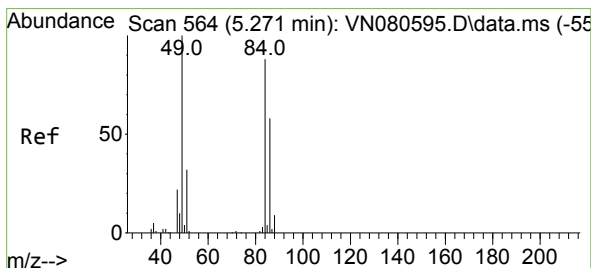
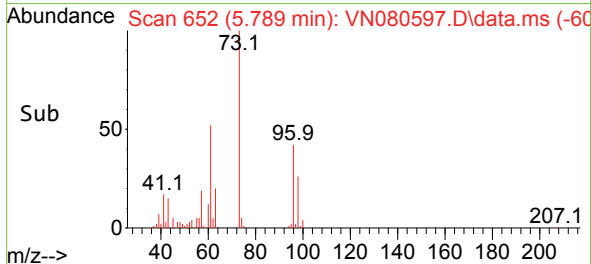
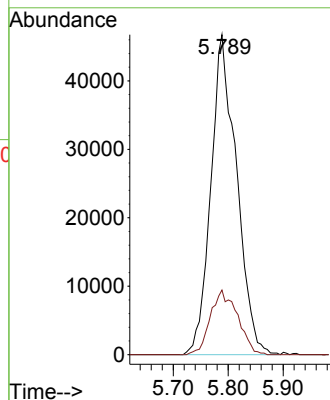
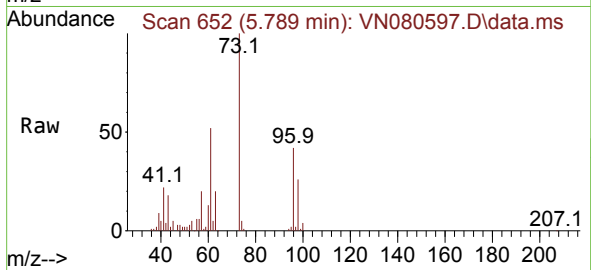




#19
Methyl tert-butyl Ether
Concen: 12.445 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

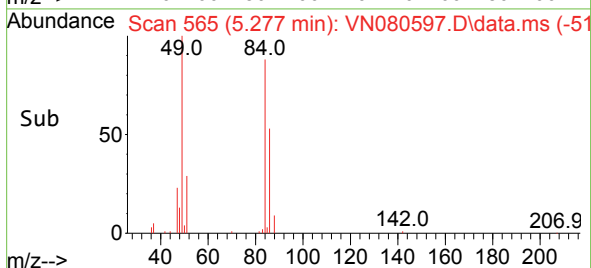
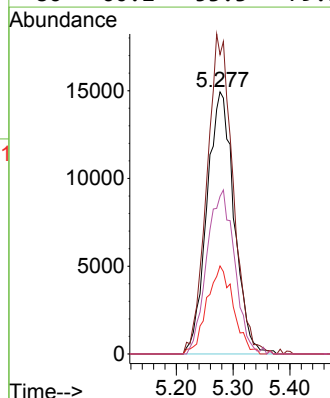
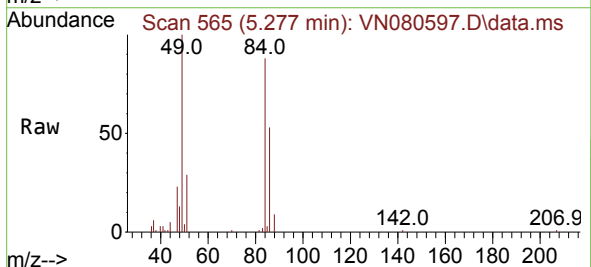
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

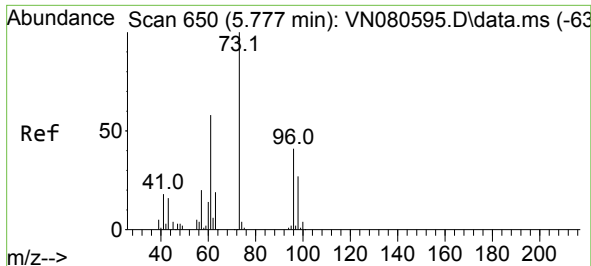
Tgt Ion: 73 Resp: 152025
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4



#20
Methylene Chloride
Concen: 12.146 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 84 Resp: 49613
Ion Ratio Lower Upper
84 100
49 114.2 79.7 119.5
51 33.6 25.2 37.8
86 60.2 53.3 79.9

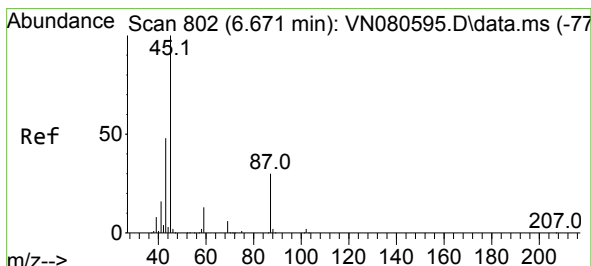
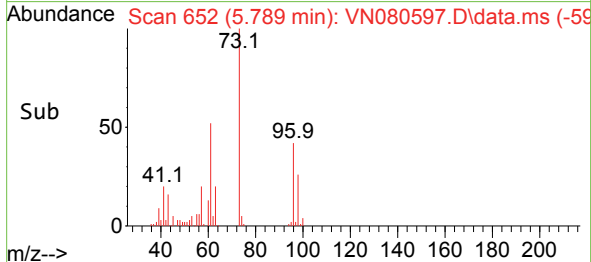
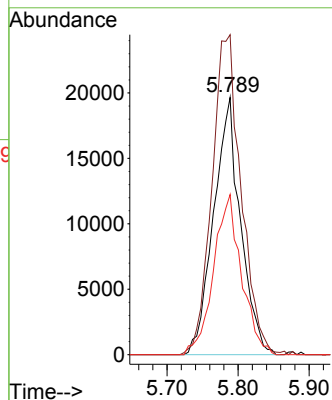
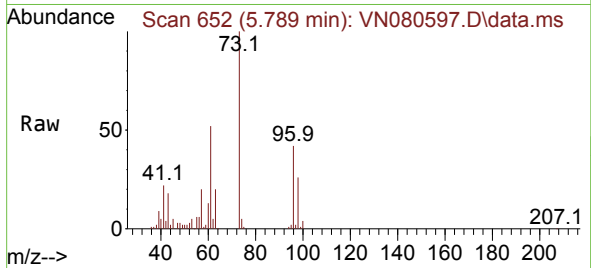




#21
trans-1,2-Dichloroethene
Concen: 12.597 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

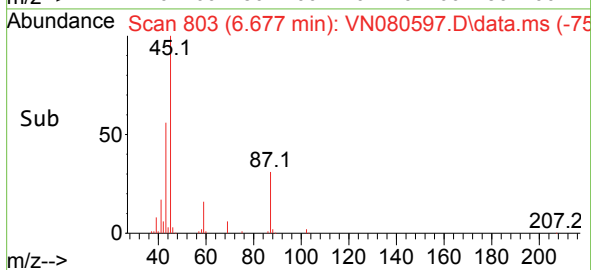
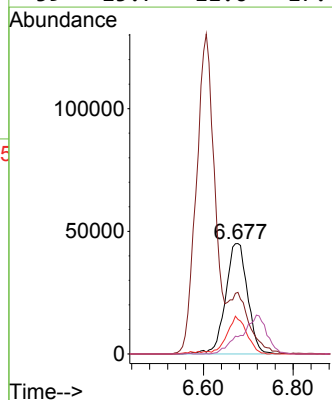
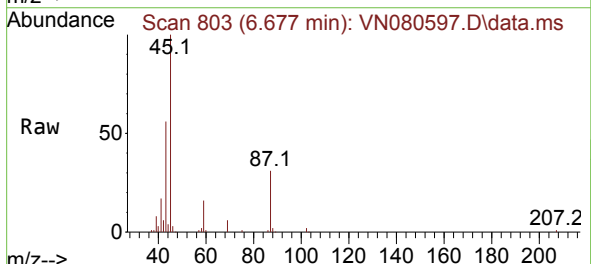
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

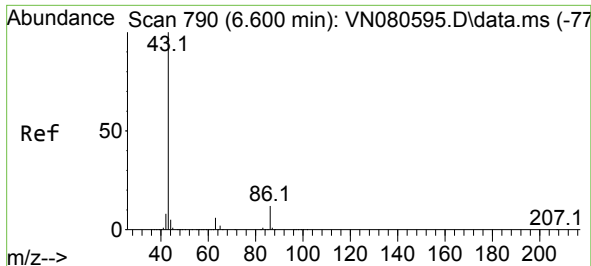
Tgt Ion: 96 Resp: 51646
Ion Ratio Lower Upper
96 100
61 124.4 90.1 135.1
98 62.3 46.4 69.6



#22
Diisopropyl ether
Concen: 13.388 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 45 Resp: 153187
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 31.3 31.8 47.8#
59 15.7 11.6 17.4

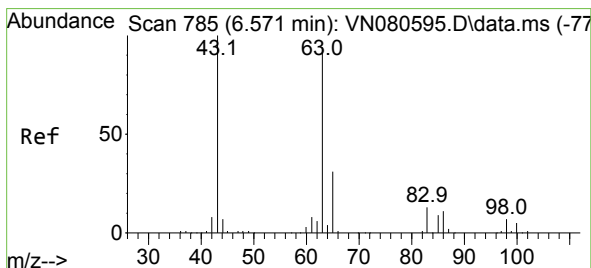
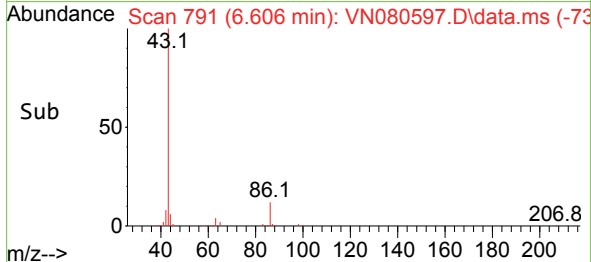
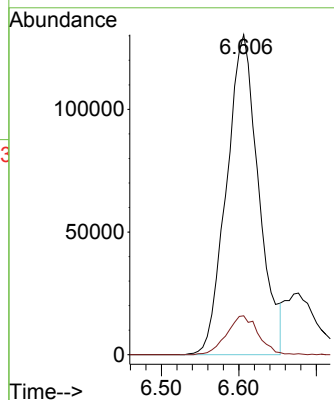
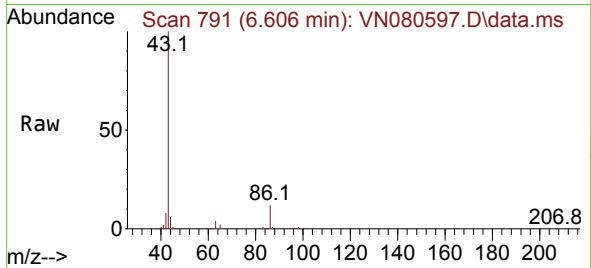




#23
 Vinyl Acetate
 Concen: 58.414 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

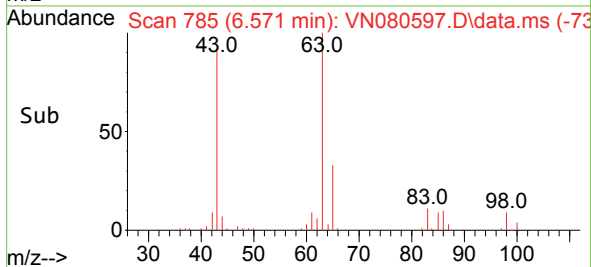
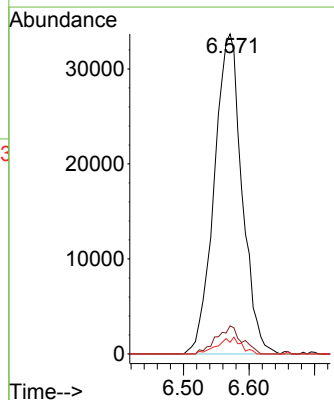
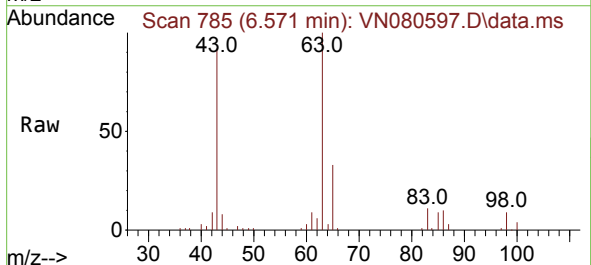
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

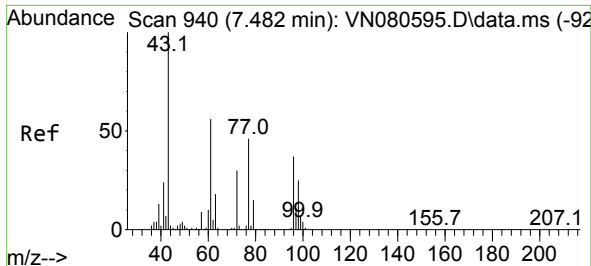
Tgt Ion: 43 Resp: 375599
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 12.911 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 63 Resp: 99021
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 3.6 2.5 7.4

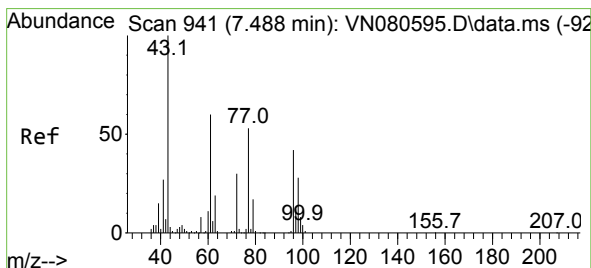
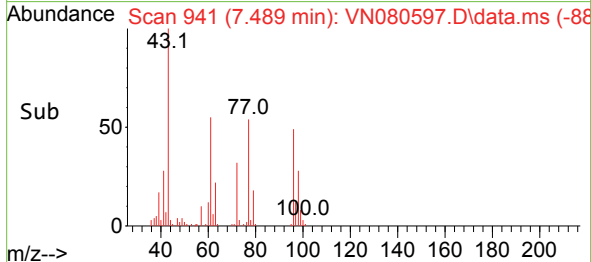
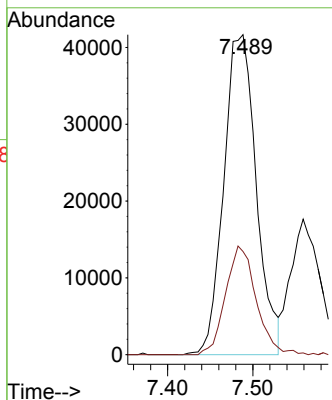
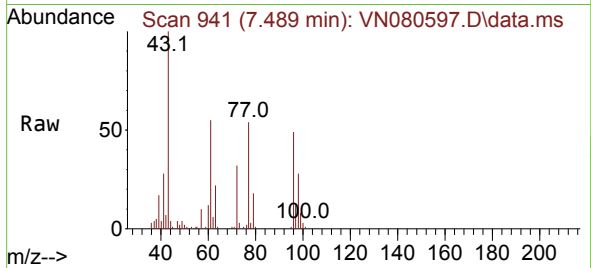




#25
2-Butanone
Concen: 46.256 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

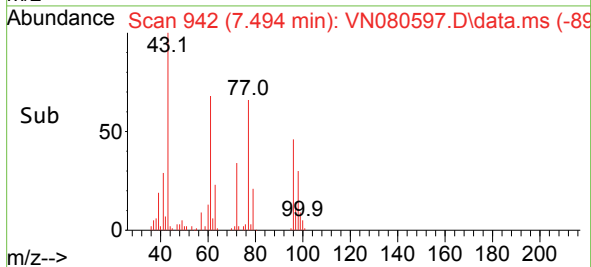
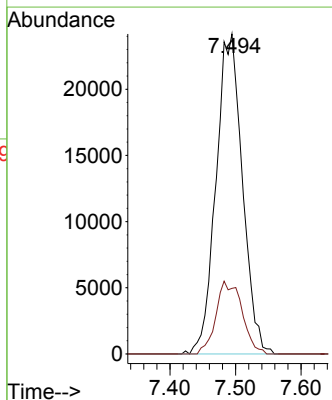
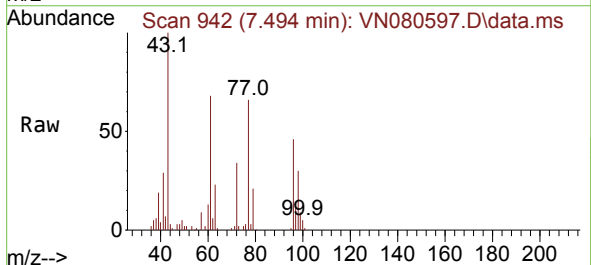
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

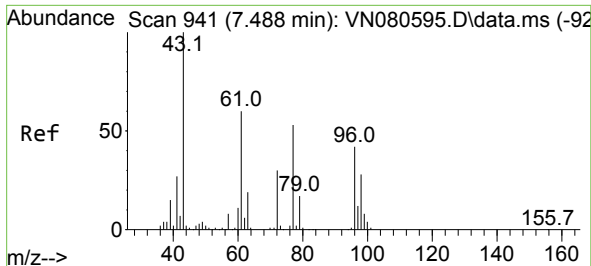
Tgt Ion: 43 Resp: 110676
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 10.102 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 77 Resp: 67443
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6

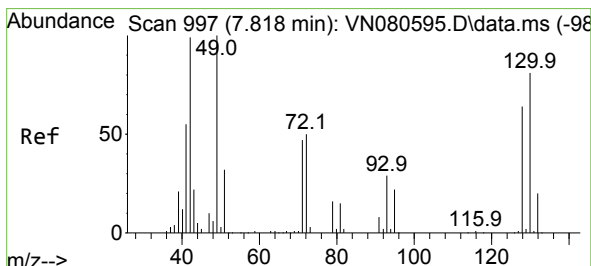
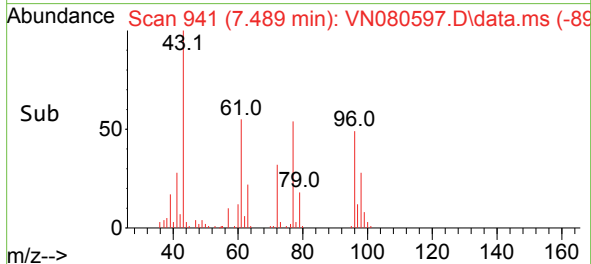
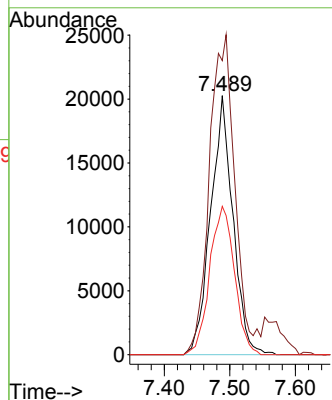
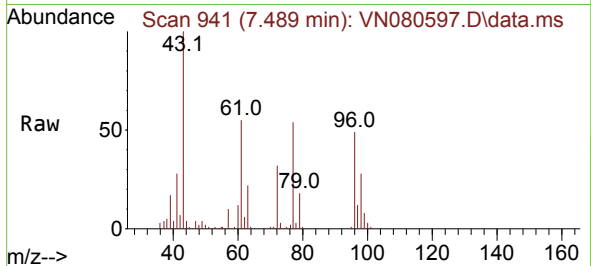




#27
 cis-1,2-Dichloroethene
 Concen: 9.855 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

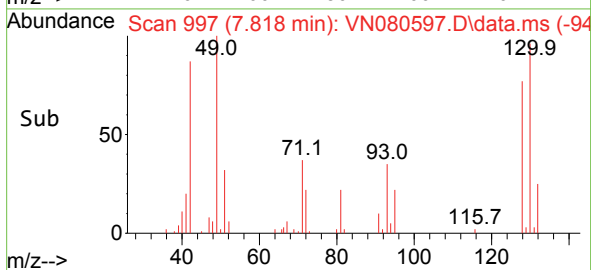
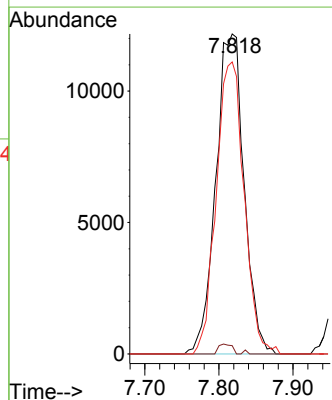
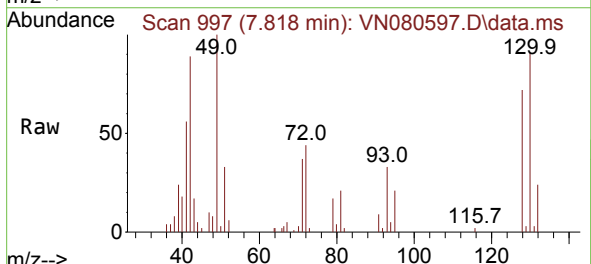
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

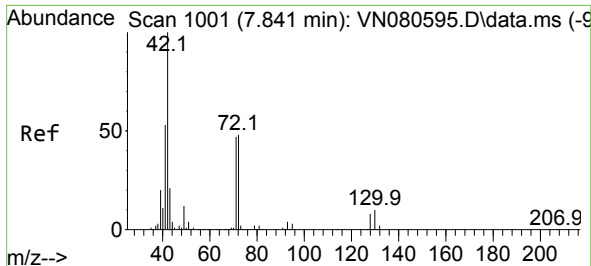
Tgt Ion: 96 Resp: 48054
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 255.2
 98 63.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 9.047 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 49 Resp: 32263
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 90.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 47.683 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

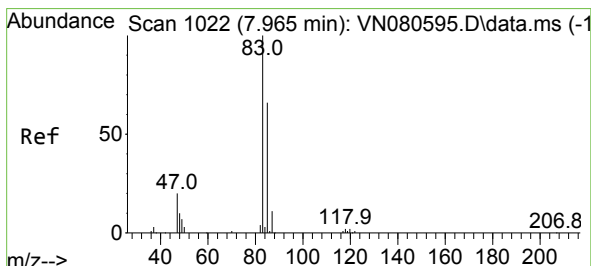
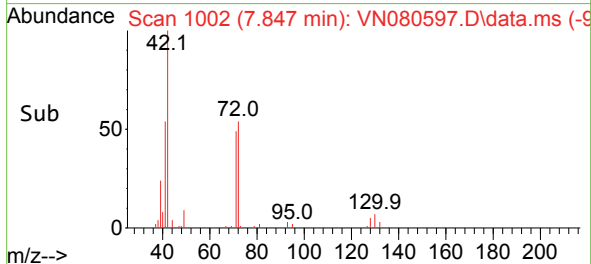
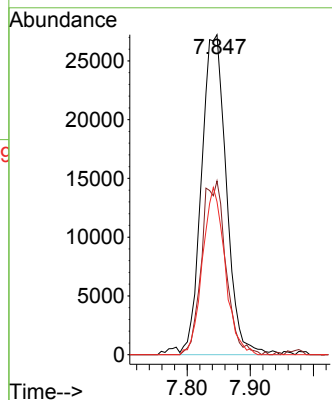
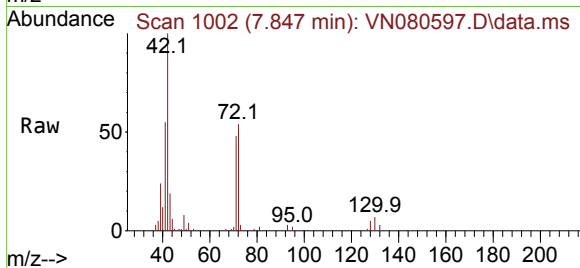
Tgt Ion: 42 Resp: 74406

Ion Ratio Lower Upper

42 100

72 53.0 49.8 74.6

71 47.6 47.4 71.2



#30

Chloroform

Concen: 10.467 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080597.D

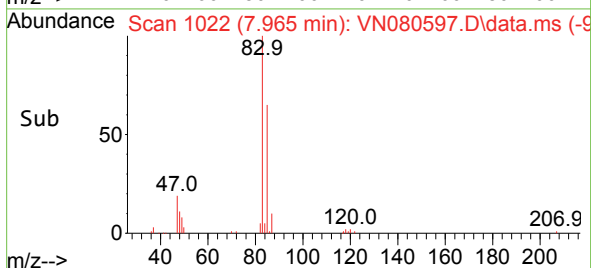
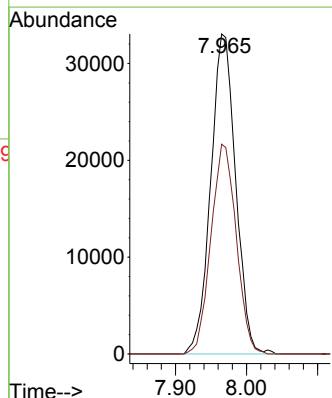
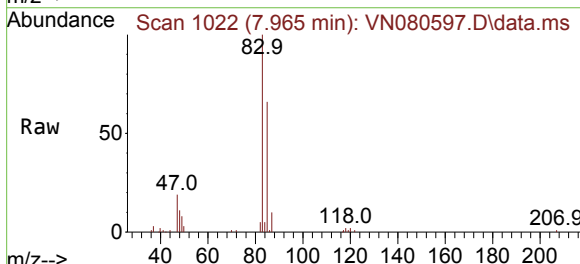
Acq: 27 Dec 2023 12:35

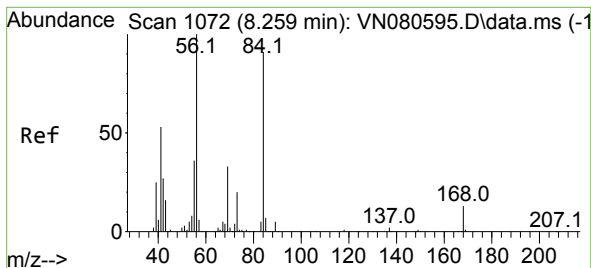
Tgt Ion: 83 Resp: 80593

Ion Ratio Lower Upper

83 100

85 65.5 55.4 83.0





#31

Cyclohexane

Concen: 9.940 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

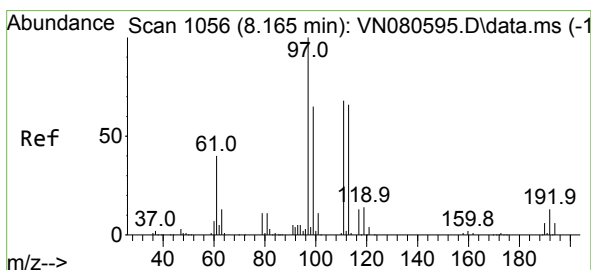
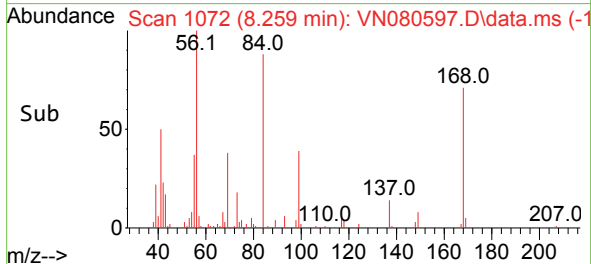
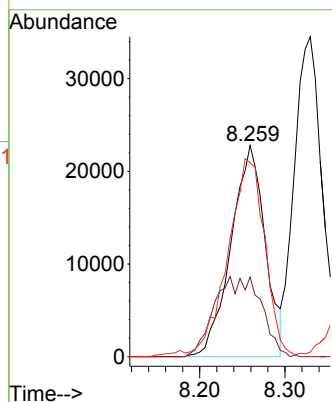
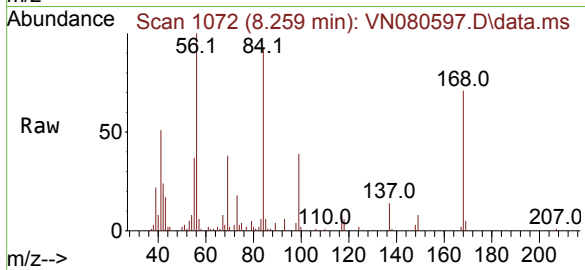
Tgt Ion: 56 Resp: 63332

Ion Ratio Lower Upper

56 100

69 37.6 26.8 40.2

84 88.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 10.310 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

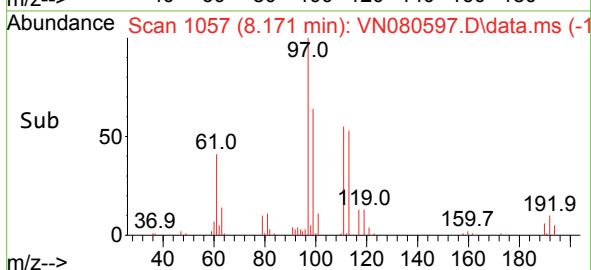
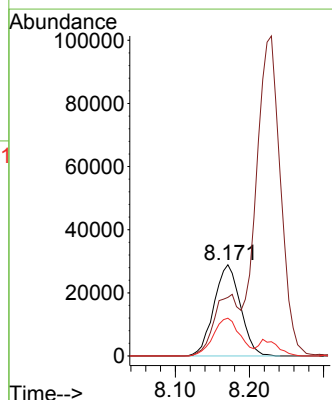
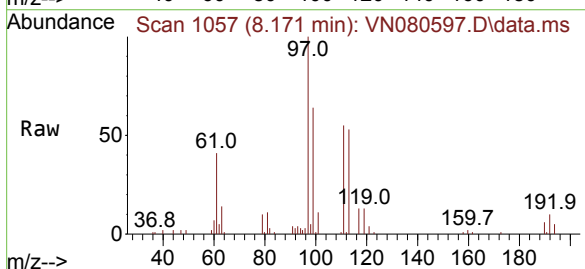
Tgt Ion: 97 Resp: 71579

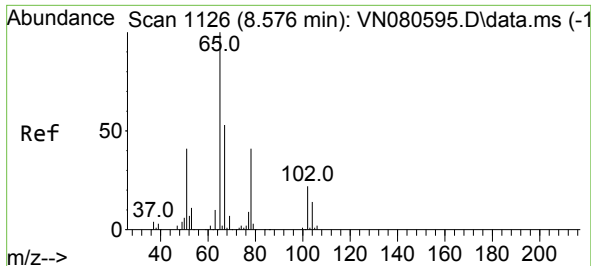
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 42.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 9.808 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

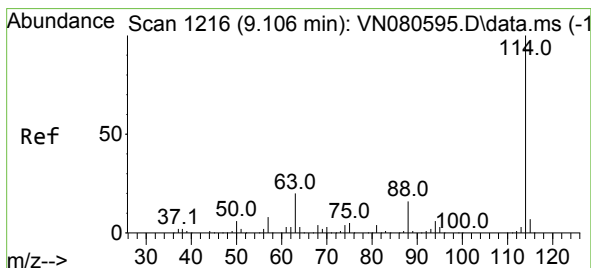
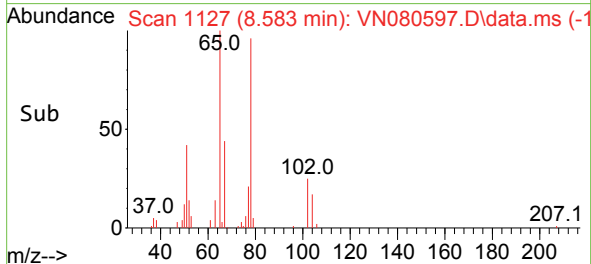
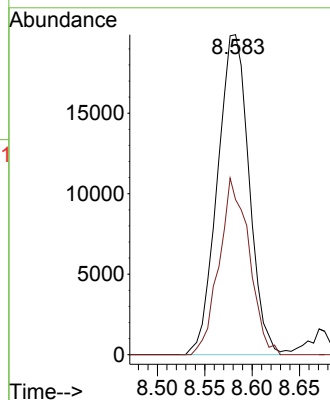
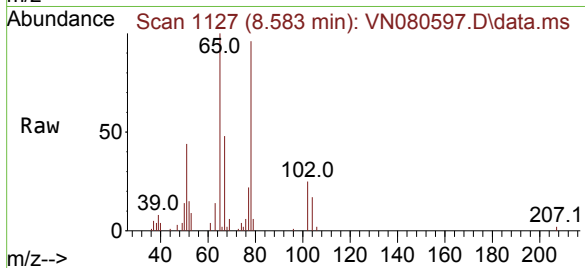
VSTDIC010

Tgt Ion: 65 Resp: 46189

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

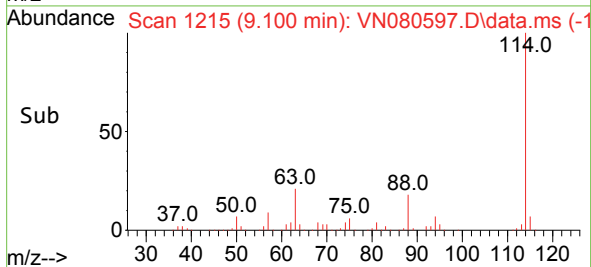
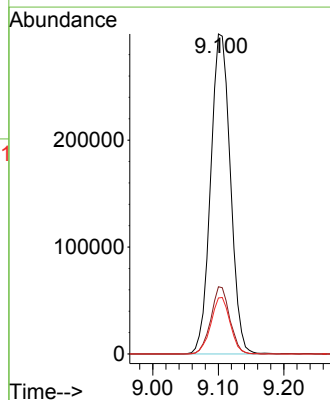
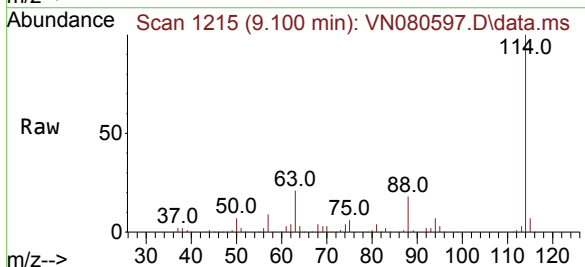
Tgt Ion: 114 Resp: 626083

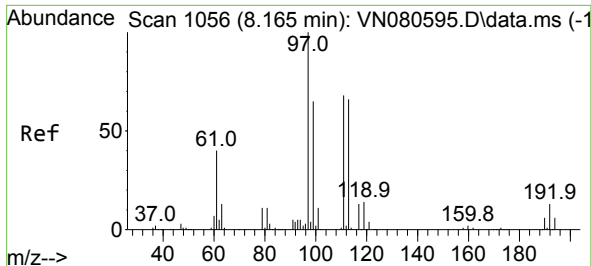
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 17.5 0.0 30.6

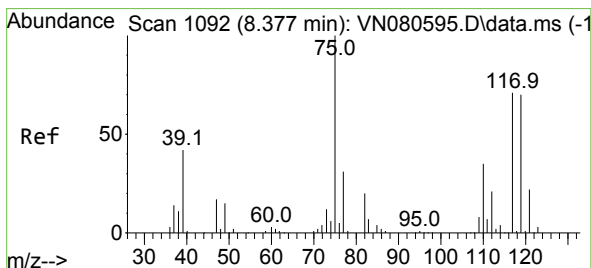
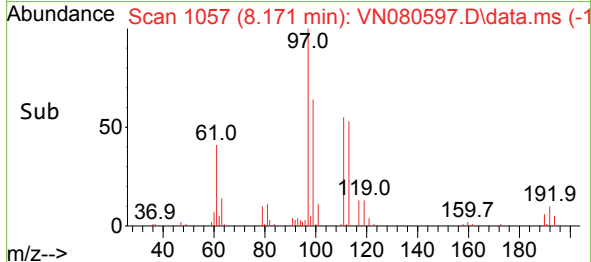
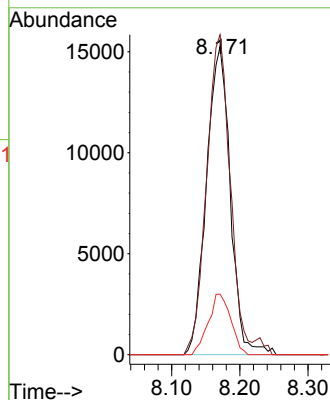
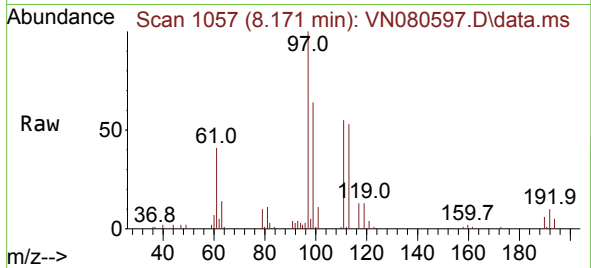




#35
Dibromofluoromethane
Concen: 9.180 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

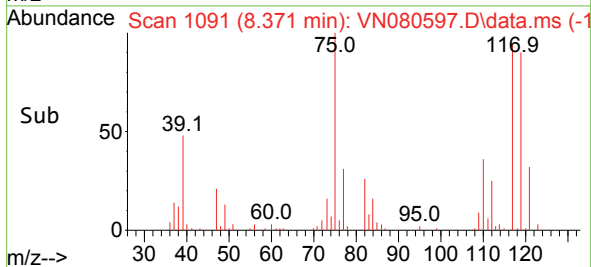
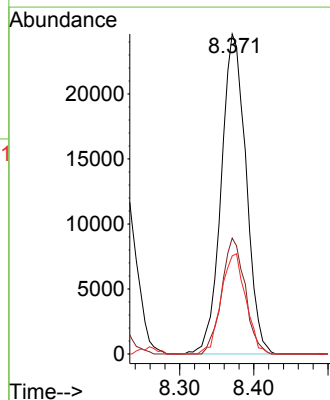
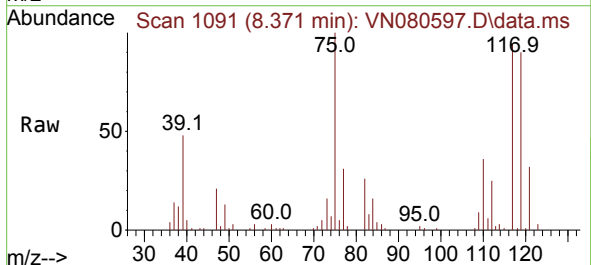
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

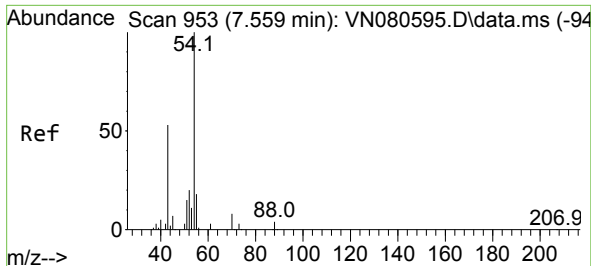
Tgt Ion:113 Resp: 37173
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 18.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 9.178 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 75 Resp: 57194
Ion Ratio Lower Upper
75 100
110 34.1 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 9.210 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

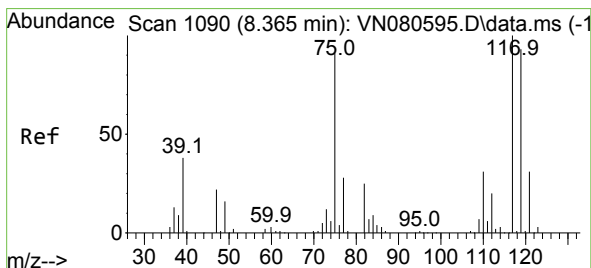
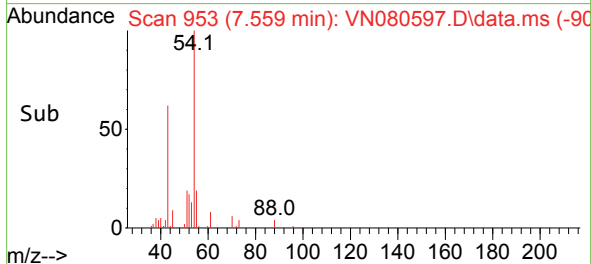
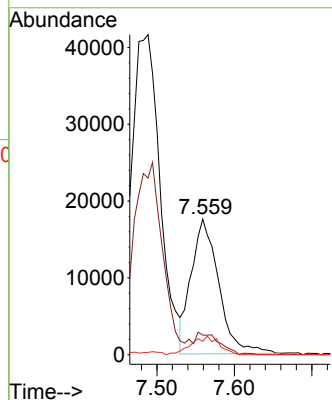
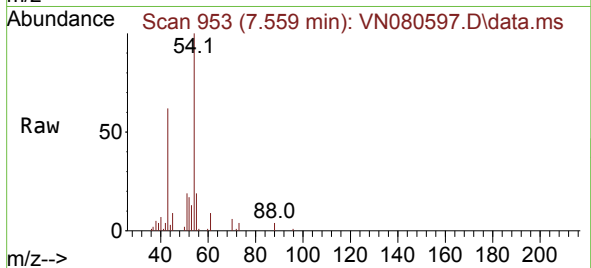
Tgt Ion: 43 Resp: 43309

Ion Ratio Lower Upper

43 100

61 14.6 13.2 19.8

70 13.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 10.130 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

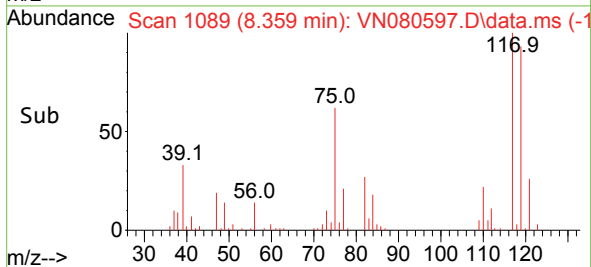
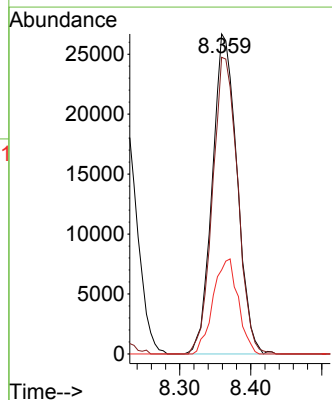
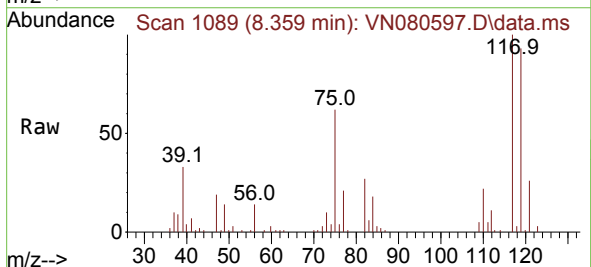
Tgt Ion: 117 Resp: 64585

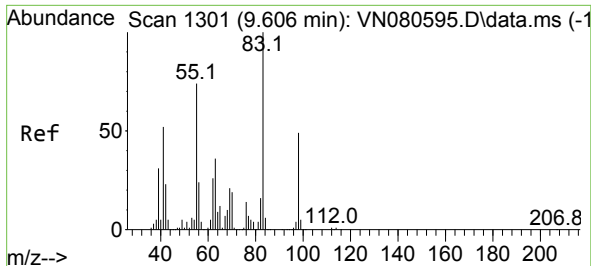
Ion Ratio Lower Upper

117 100

119 92.7 77.3 115.9

121 26.3 23.3 34.9

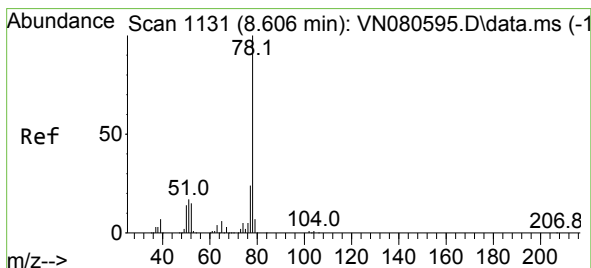
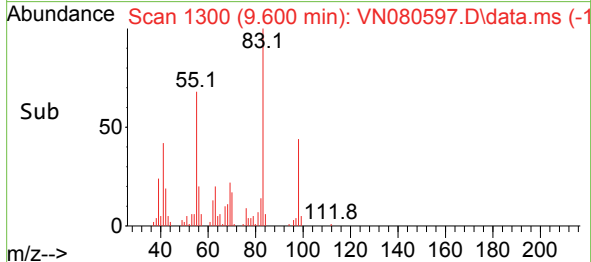
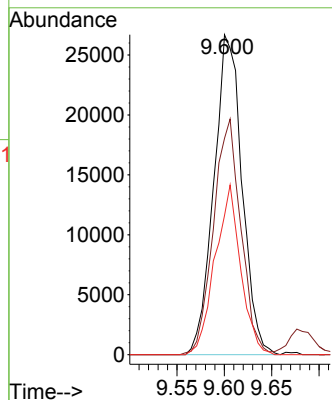
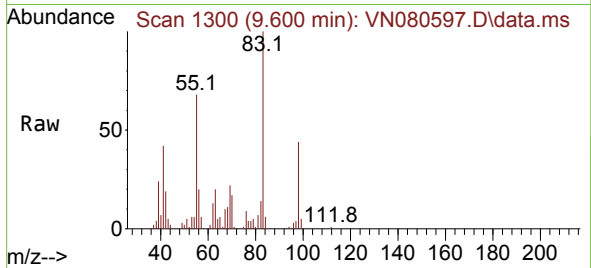




#39
Methylcyclohexane
Concen: 10.806 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

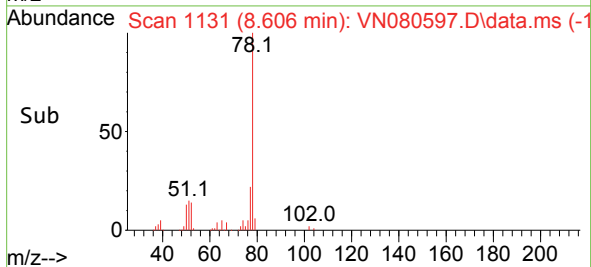
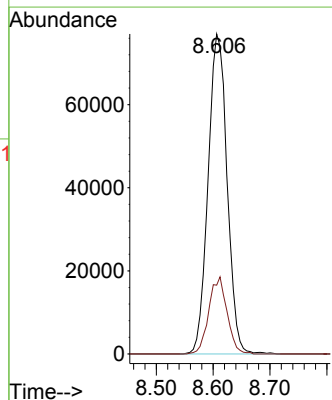
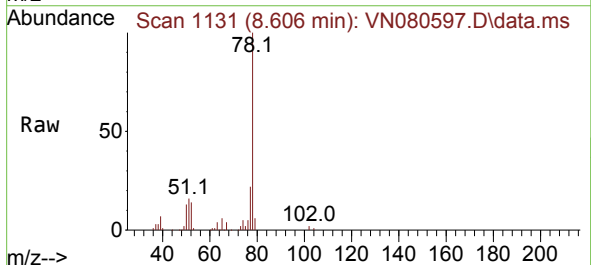
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

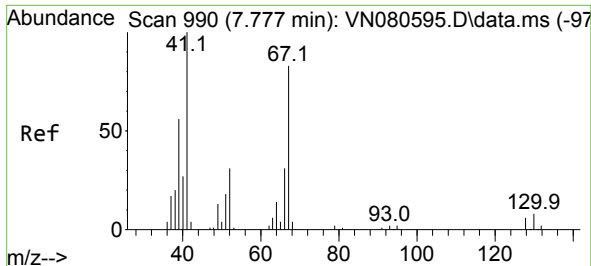
Tgt Ion: 83 Resp: 55235
Ion Ratio Lower Upper
83 100
55 67.6 49.1 73.7
98 43.5 40.6 61.0



#40
Benzene
Concen: 10.137 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 78 Resp: 178794
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.6



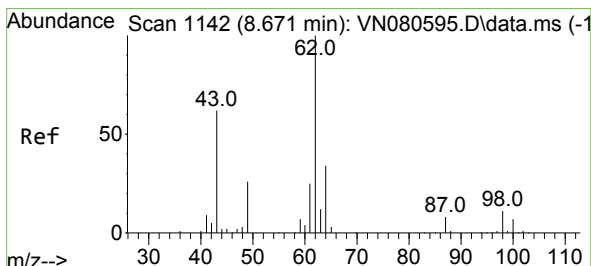
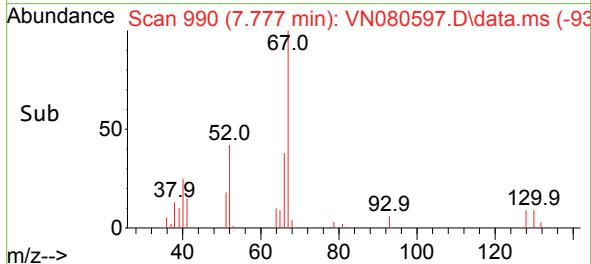
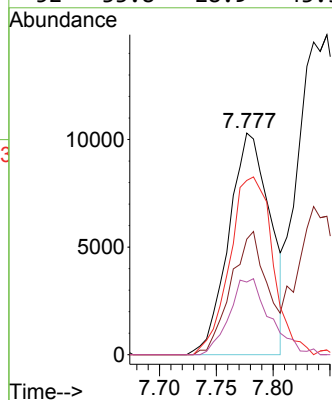
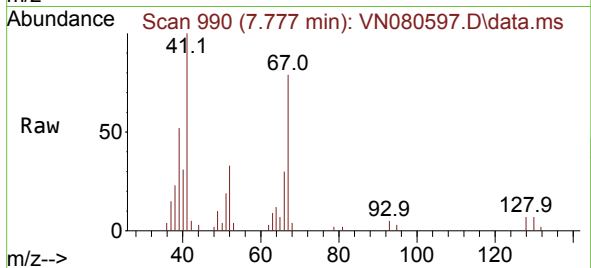


#41
Methacrylonitrile
Concen: 9.109 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 26091

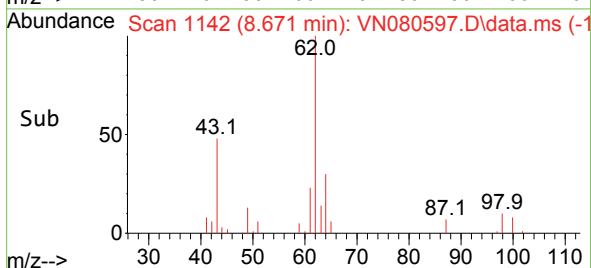
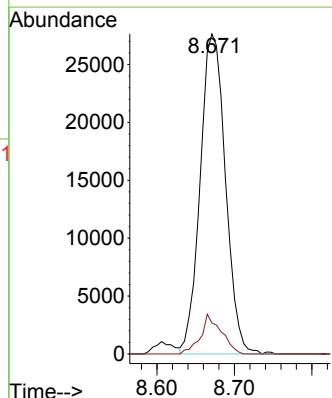
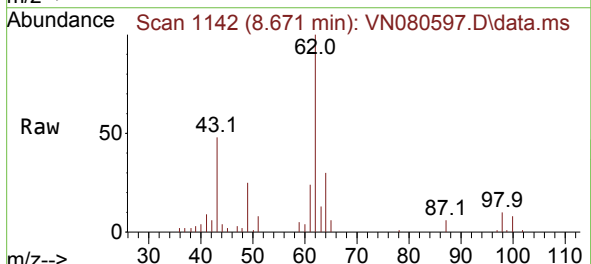
Ion	Ratio	Lower	Upper
41	100		
39	49.3	42.6	64.0
67	83.3	77.5	116.3
52	33.8	28.9	43.3

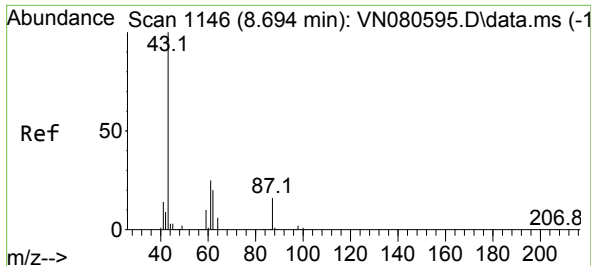


#42
1,2-Dichloroethane
Concen: 10.861 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 62 Resp: 62713

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

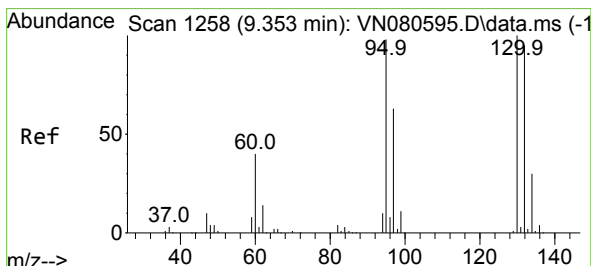
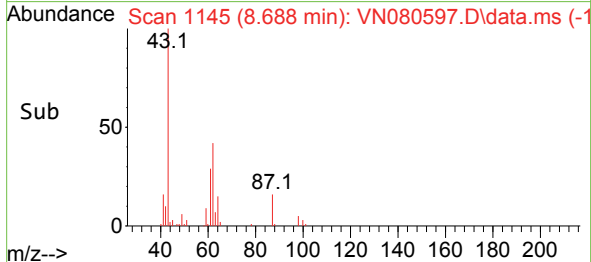
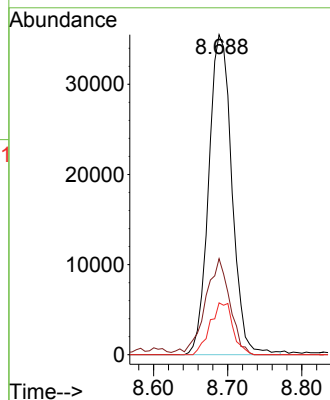
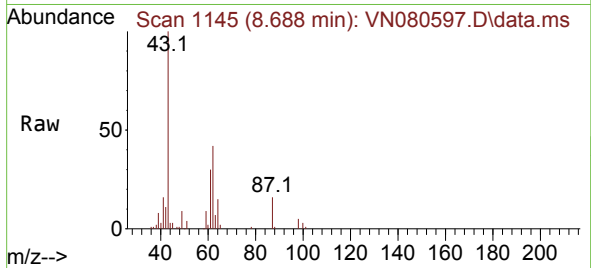




#43
Isopropyl Acetate
Concen: 10.127 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

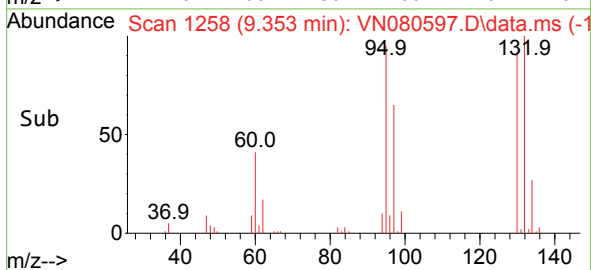
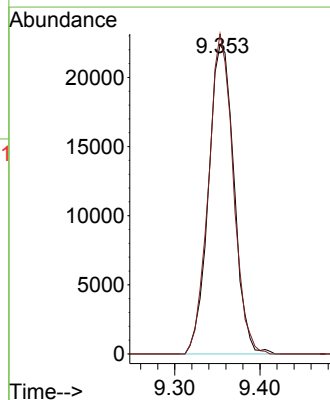
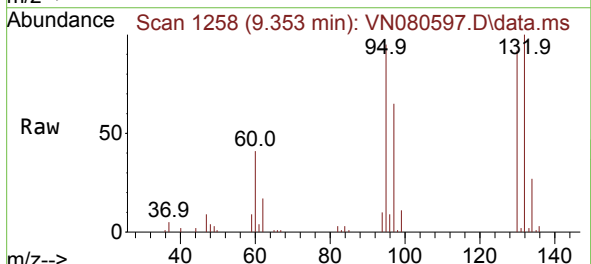
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

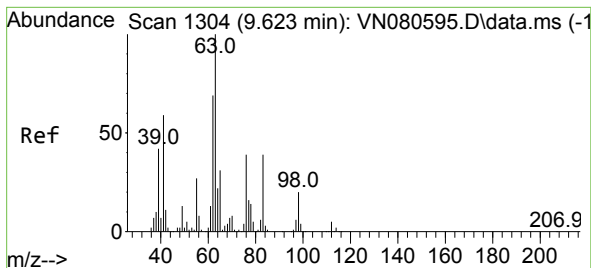
Tgt Ion: 43 Resp: 77189
Ion Ratio Lower Upper
43 100
61 31.9 24.7 37.1
87 16.0 14.6 21.8



#44
Trichloroethene
Concen: 9.989 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion:130 Resp: 46467
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 10.831 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

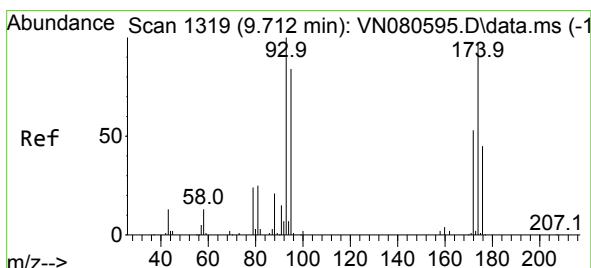
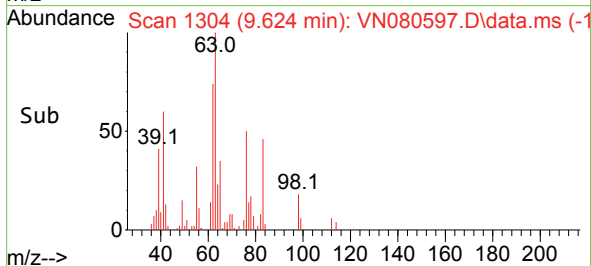
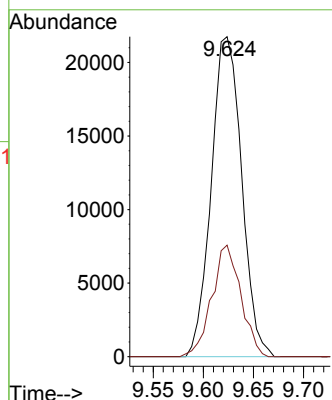
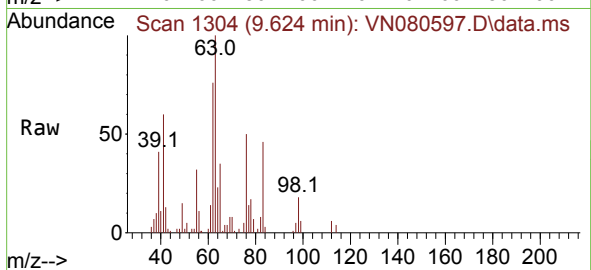
VSTDIC010

Tgt Ion: 63 Resp: 45873

Ion Ratio Lower Upper

63 100

65 34.9 23.9 35.9



#46

Dibromomethane

Concen: 10.810 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

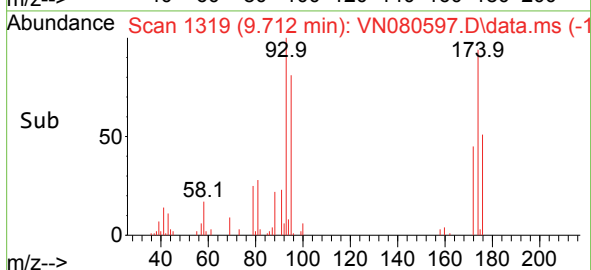
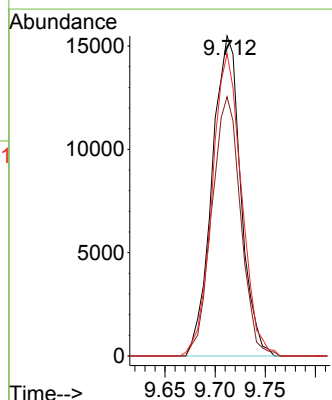
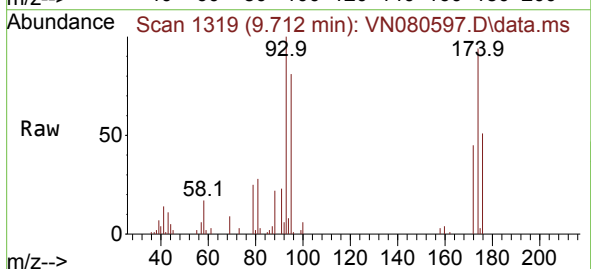
Tgt Ion: 93 Resp: 30805

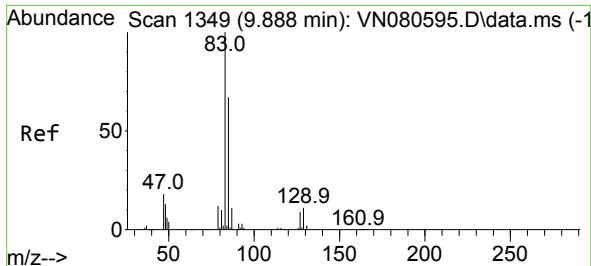
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

174 96.3 65.6 98.4

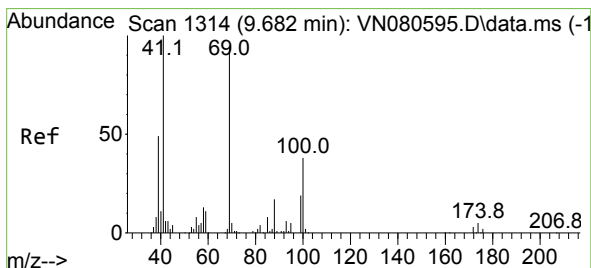
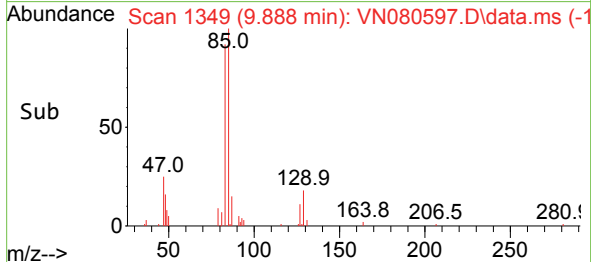
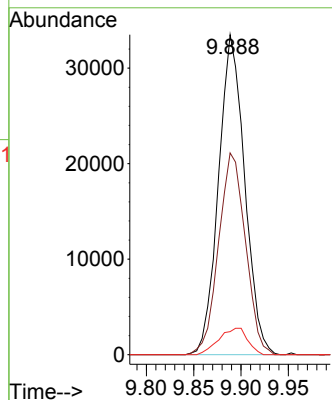
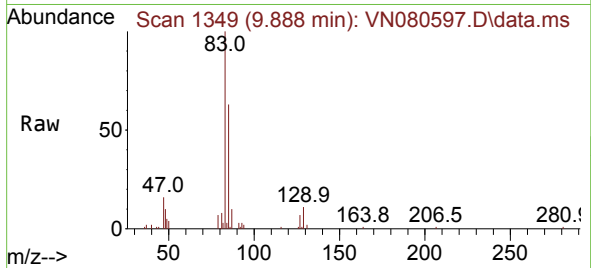




#47
Bromodichloromethane
Concen: 10.763 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

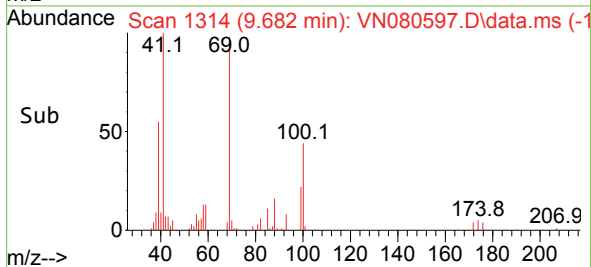
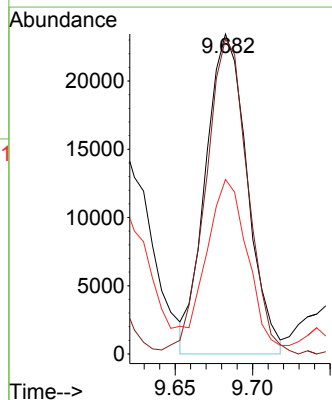
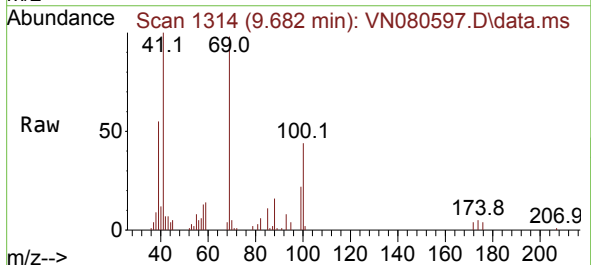
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

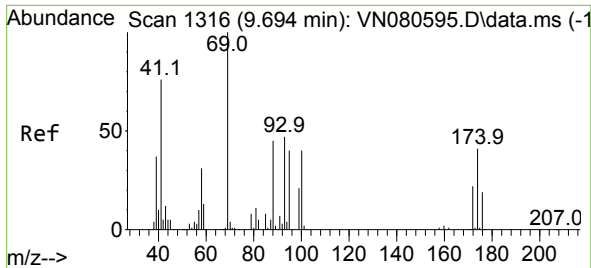
Tgt Ion: 83 Resp: 64289
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 7.2 7.0 10.6



#48
Methyl methacrylate
Concen: 10.355 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 41 Resp: 43822
Ion Ratio Lower Upper
41 100
69 98.8 90.4 135.6
39 53.6 54.6 81.8

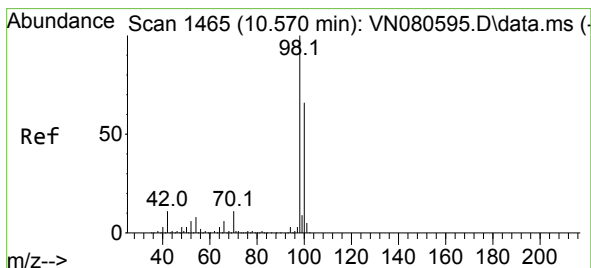
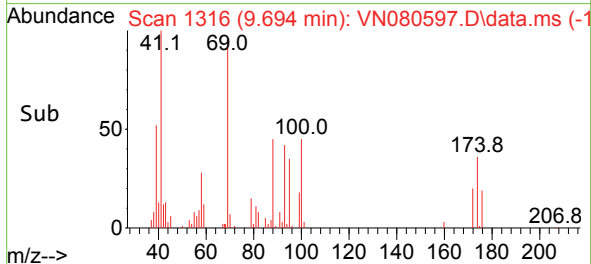
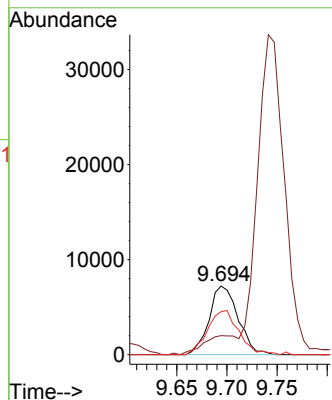
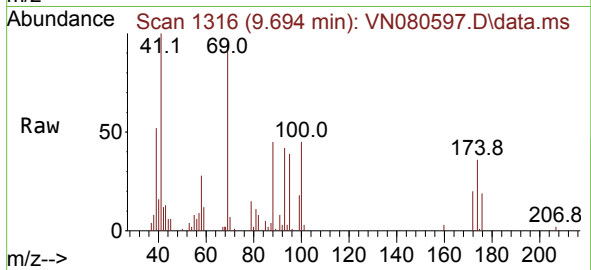




#49
1,4-Dioxane
Concen: 214.956 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

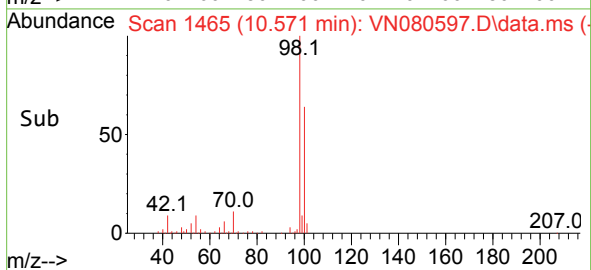
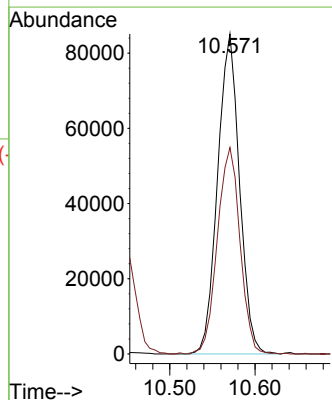
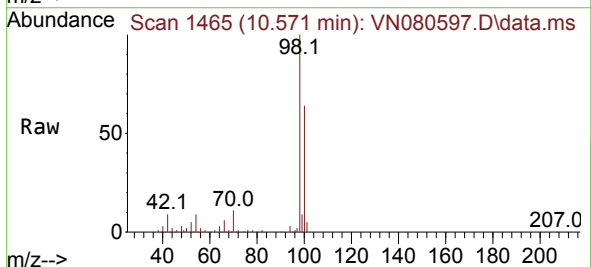
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

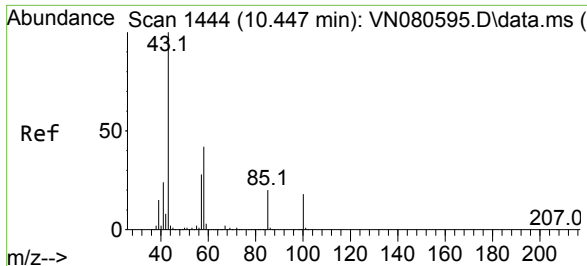
Tgt Ion: 88 Resp: 14540
Ion Ratio Lower Upper
88 100
43 24.8 17.0 25.6
58 69.6 47.0 70.4



#50
Toluene-d8
Concen: 10.751 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 98 Resp: 151997
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 58.096 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

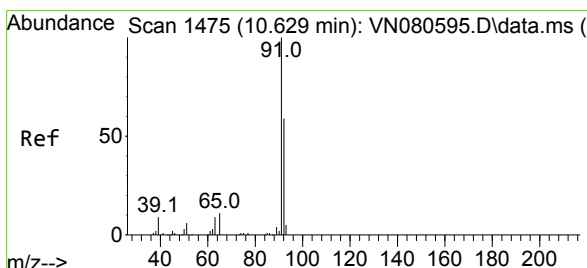
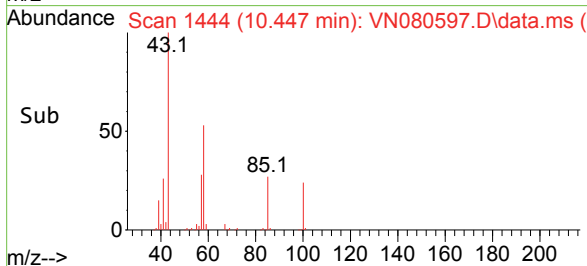
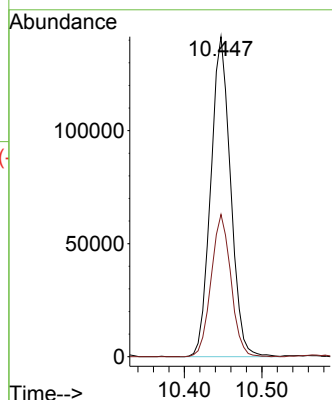
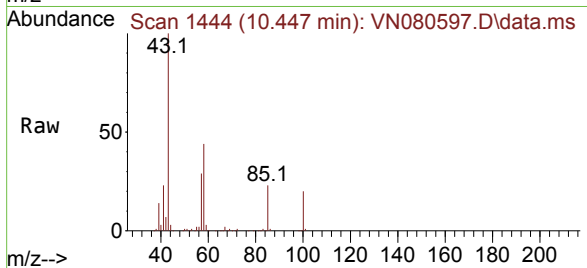
VSTDICC010

Tgt Ion: 43 Resp: 251846

Ion Ratio Lower Upper

43 100

58 44.2 36.6 54.8



#52

Toluene

Concen: 12.283 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN080597.D

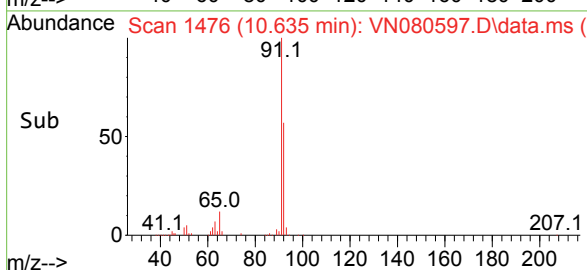
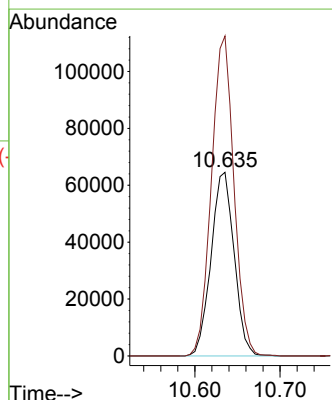
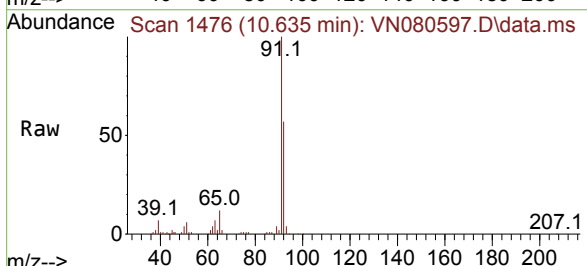
Acq: 27 Dec 2023 12:35

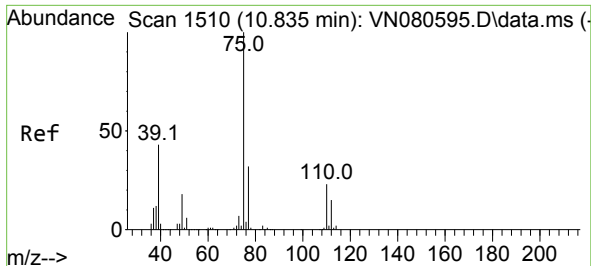
Tgt Ion: 92 Resp: 121706

Ion Ratio Lower Upper

92 100

91 169.6 137.4 206.0

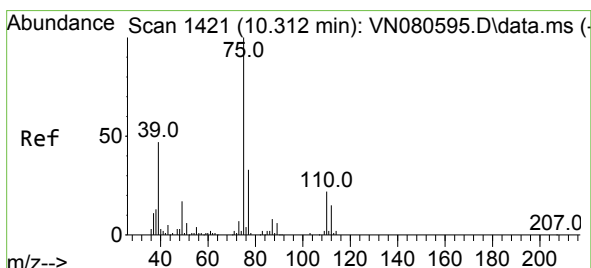
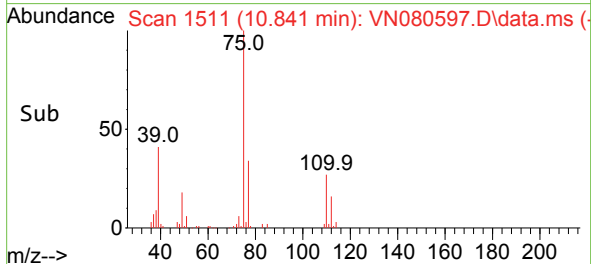
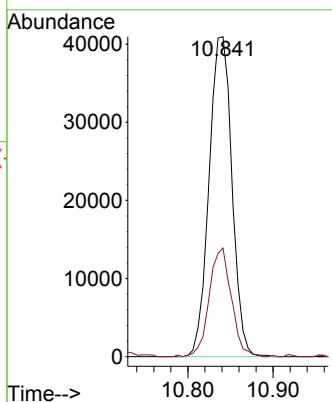
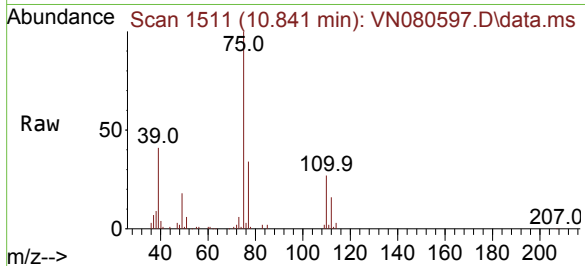




#53
 t-1,3-Dichloropropene
 Concen: 12.699 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

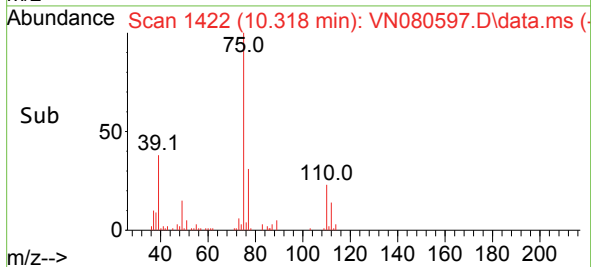
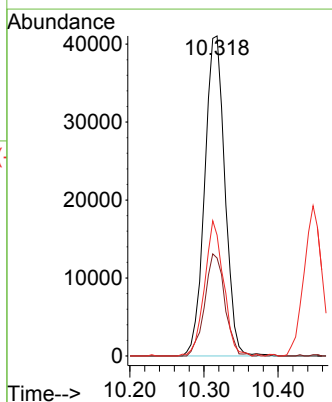
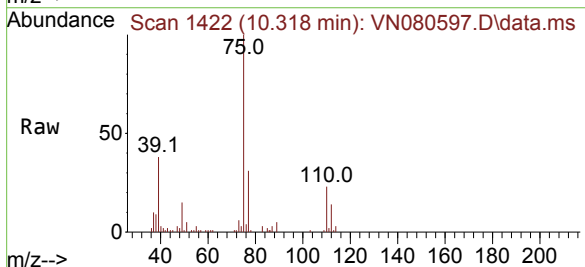
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

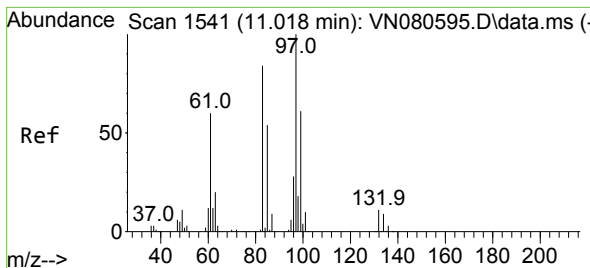
Tgt Ion: 75 Resp: 76470
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 11.535 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 75 Resp: 77742
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 37.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 14.390 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 56559

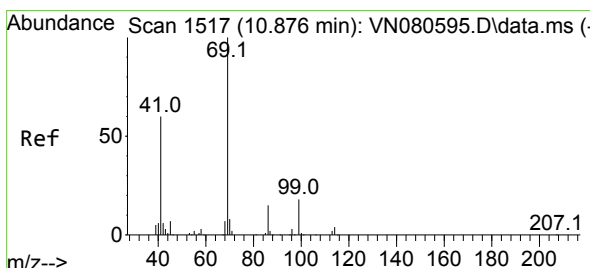
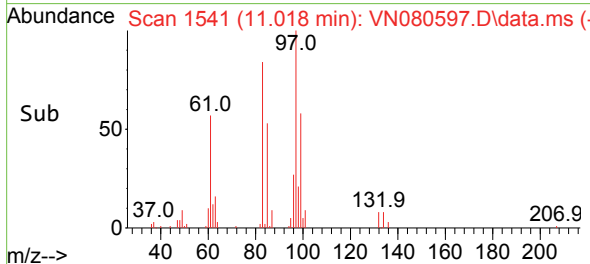
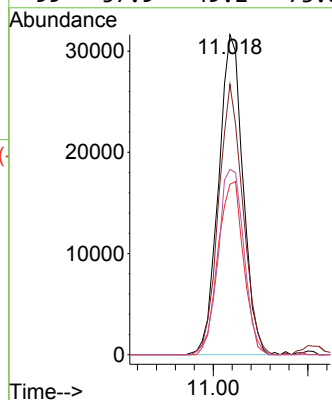
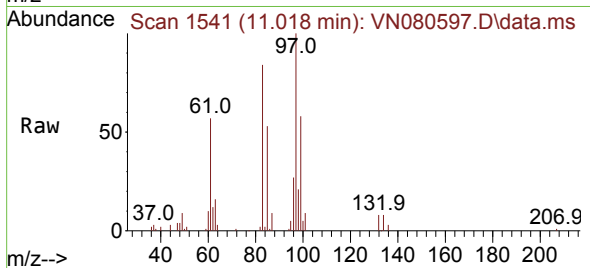
Ion Ratio Lower Upper

97 100

83 84.5 65.1 97.7

85 53.3 43.4 65.2

99 57.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 13.340 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

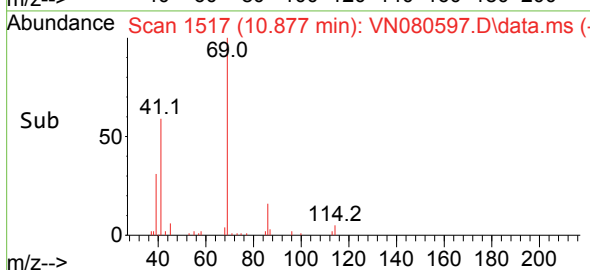
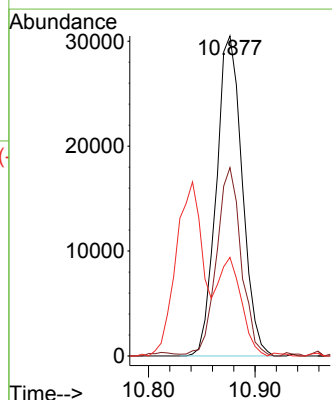
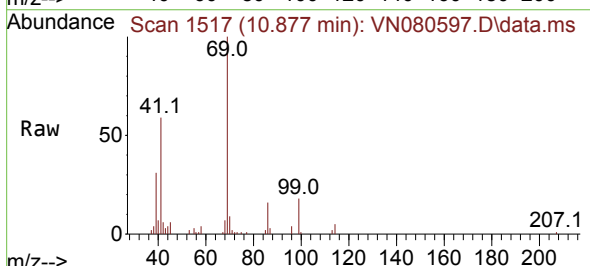
Tgt Ion: 69 Resp: 51359

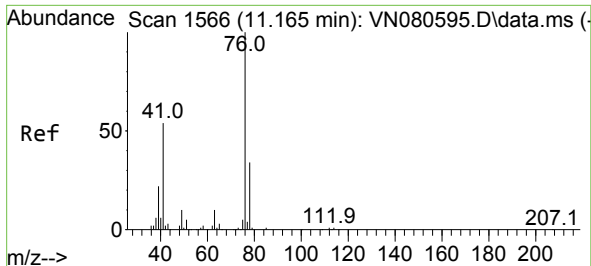
Ion Ratio Lower Upper

69 100

41 56.5 39.6 59.4

39 27.8 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 15.271 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

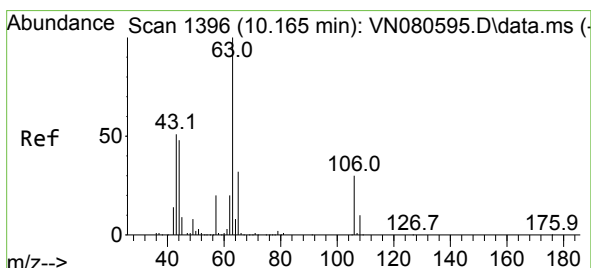
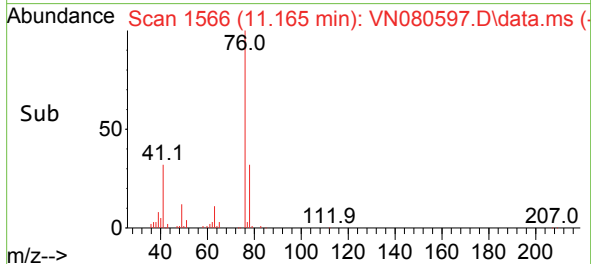
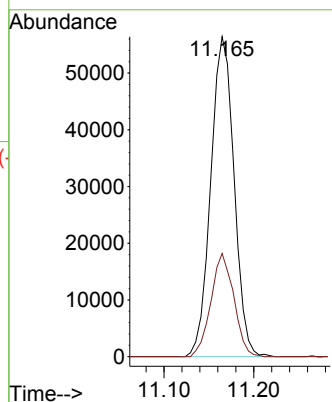
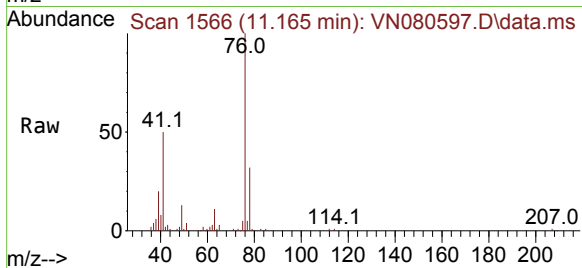
VSTDIC010

Tgt Ion: 76 Resp: 101694

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 61.442 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080597.D

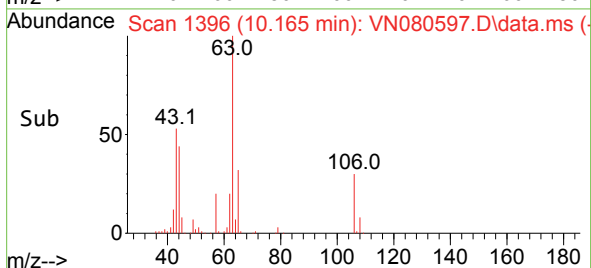
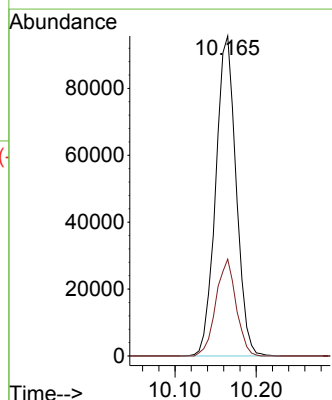
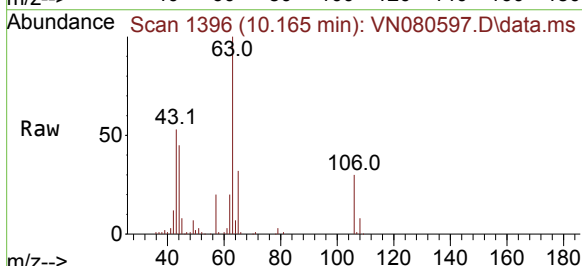
Acq: 27 Dec 2023 12:35

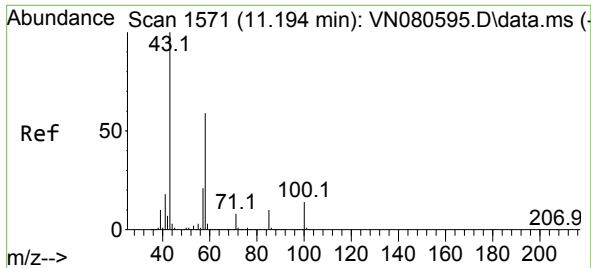
Tgt Ion: 63 Resp: 167044

Ion Ratio Lower Upper

63 100

106 30.0 26.2 39.4

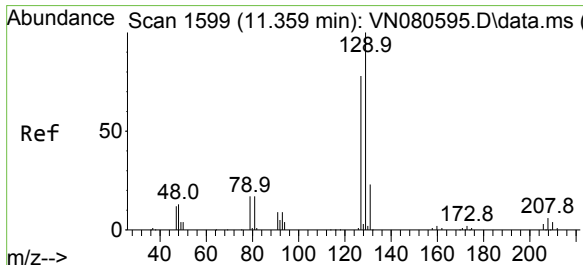
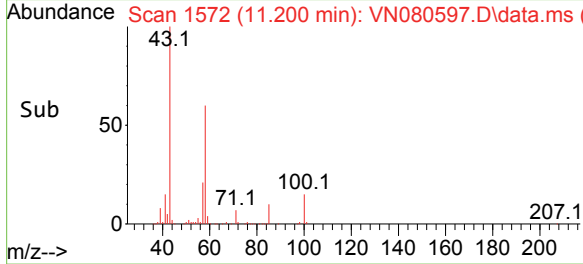
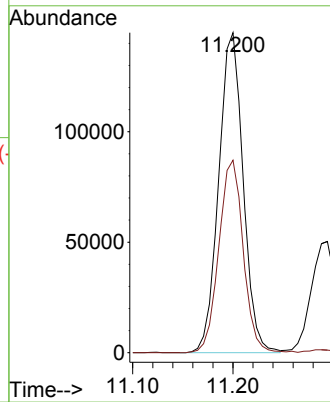
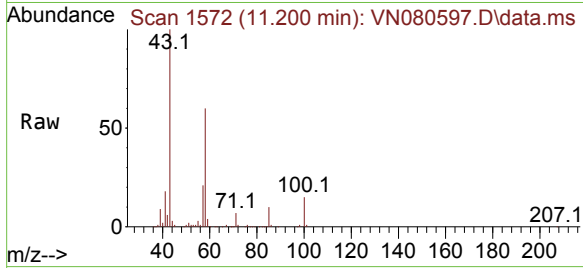




#59
2-Hexanone
Concen: 74.945 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

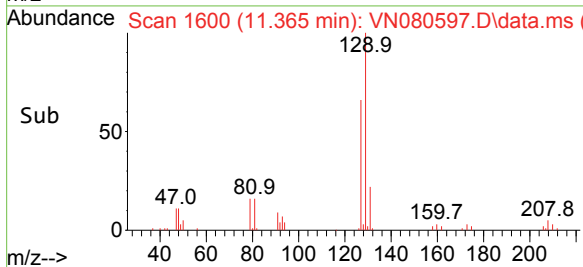
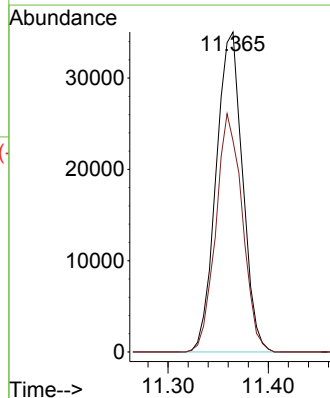
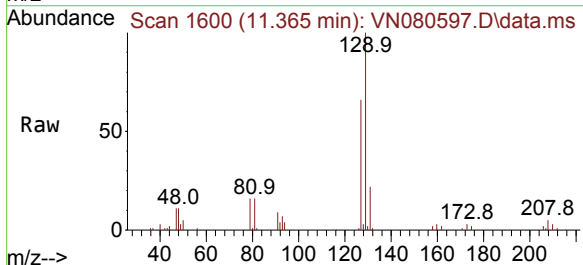
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

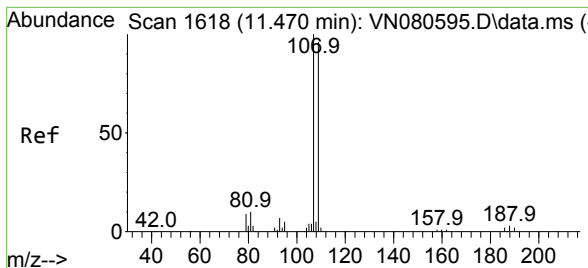
Tgt Ion: 43 Resp: 244868
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1



#60
Dibromochloromethane
Concen: 14.676 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 129 Resp: 64230
Ion Ratio Lower Upper
129 100
127 74.5 38.6 116.0

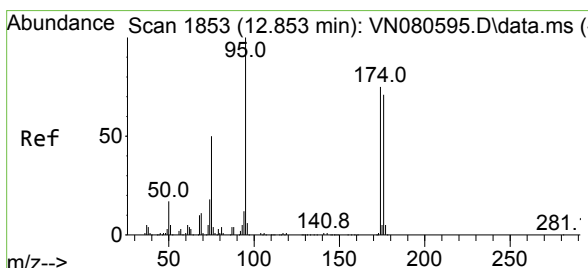
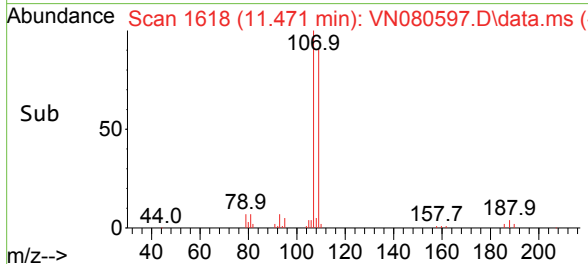
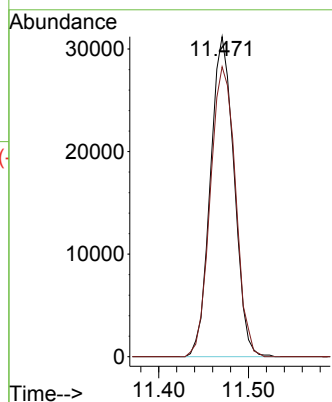
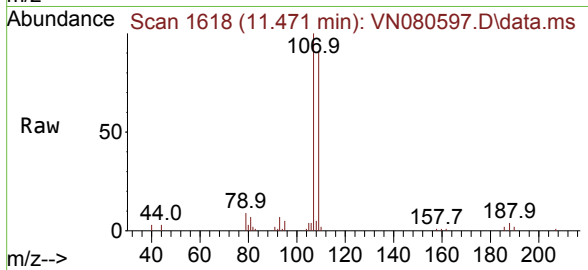




#61
1,2-Dibromoethane
Concen: 14.436 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

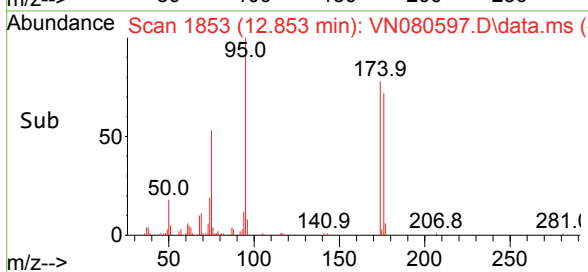
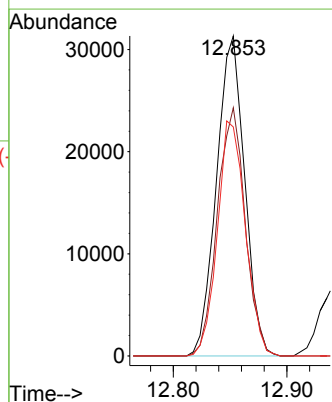
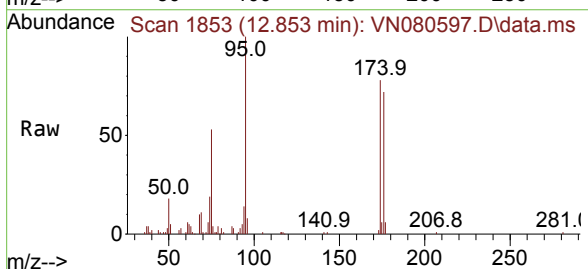
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

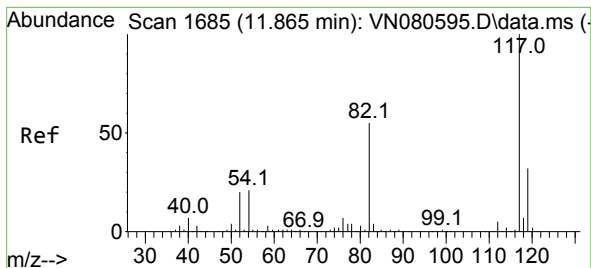
Tgt Ion:107 Resp: 57207
Ion Ratio Lower Upper
107 100
109 96.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 11.331 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 95 Resp: 53913
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

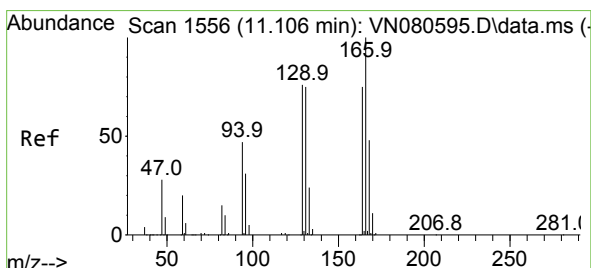
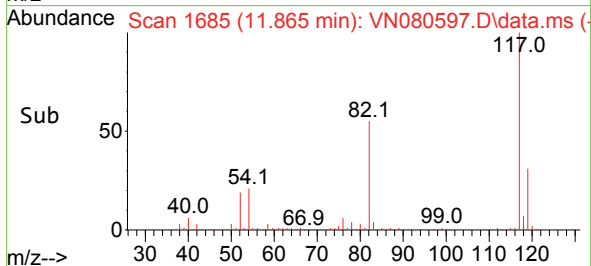
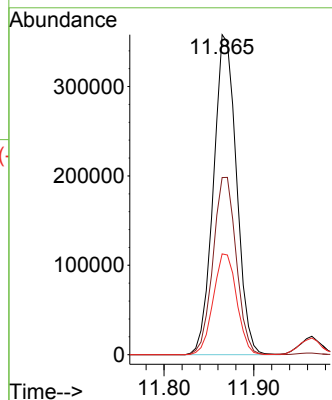
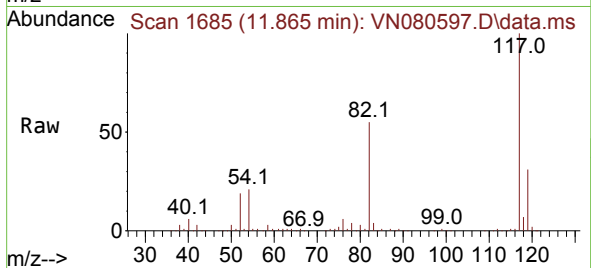
Tgt Ion:117 Resp: 638251

Ion Ratio Lower Upper

117 100

82 55.3 44.0 66.0

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 11.524 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Tgt Ion:164 Resp: 49149

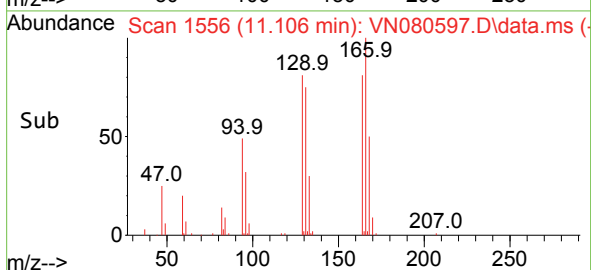
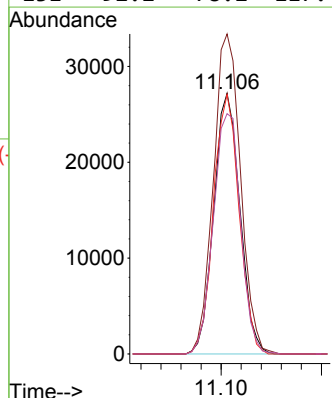
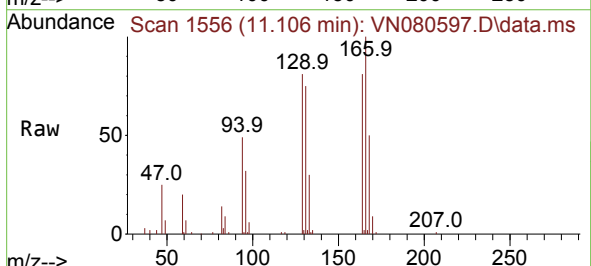
Ion Ratio Lower Upper

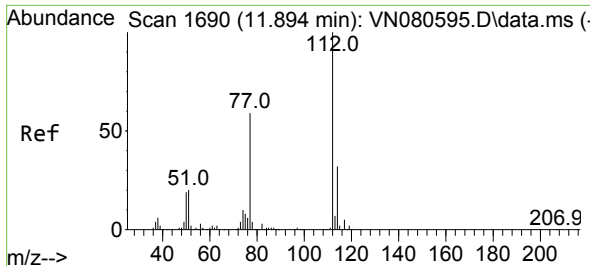
164 100

166 122.8 101.4 152.0

129 99.6 82.4 123.6

131 92.2 78.2 117.4

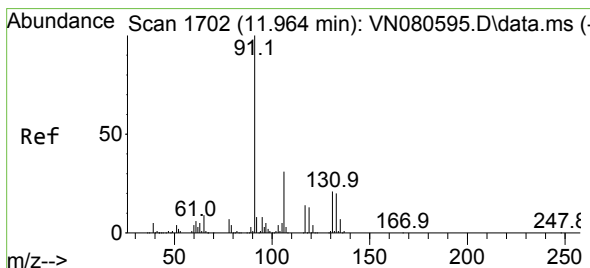
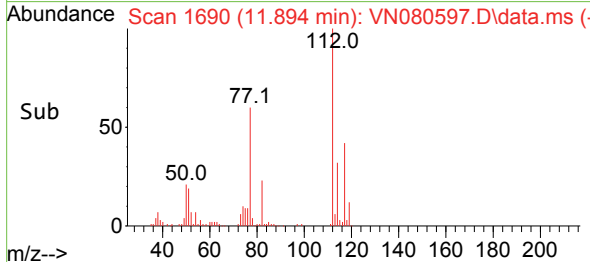
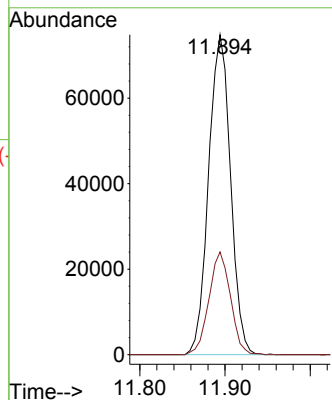
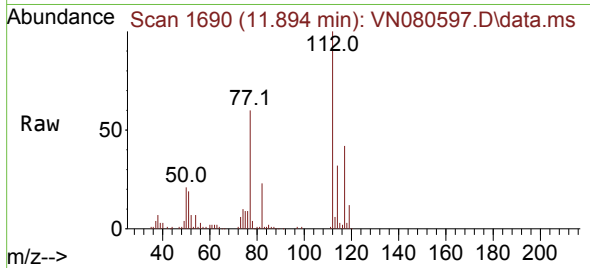




#65
Chlorobenzene
Concen: 10.063 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

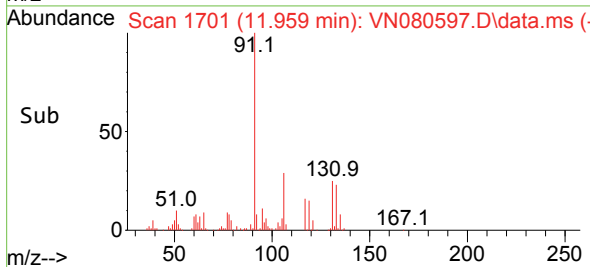
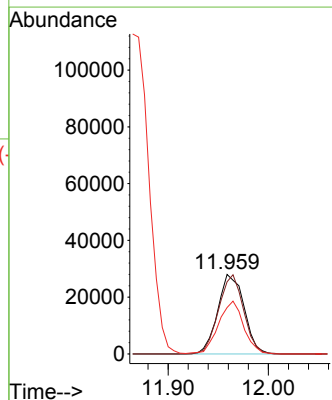
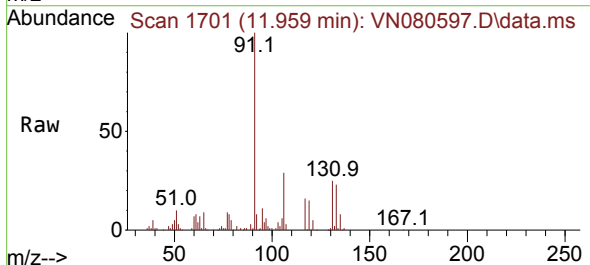
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

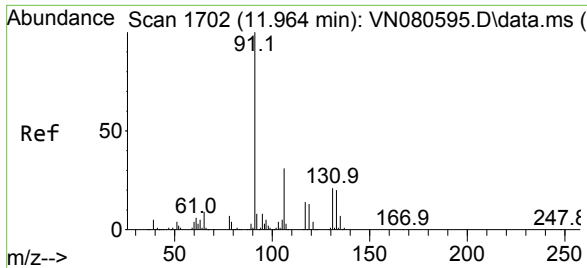
Tgt Ion:112 Resp: 133611
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 9.990 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion:131 Resp: 51023
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 63.4 34.1 102.2





#67

Ethyl Benzene

Concen: 10.045 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

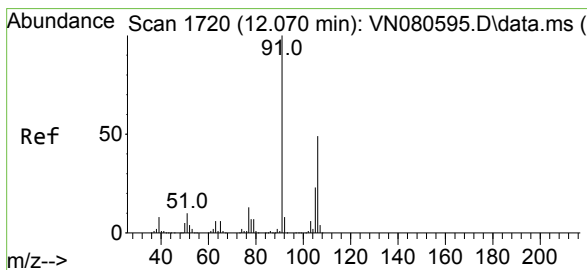
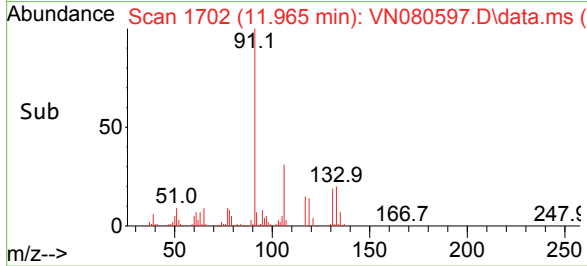
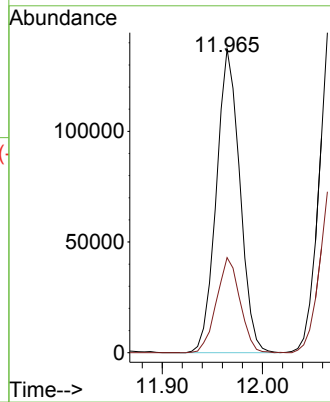
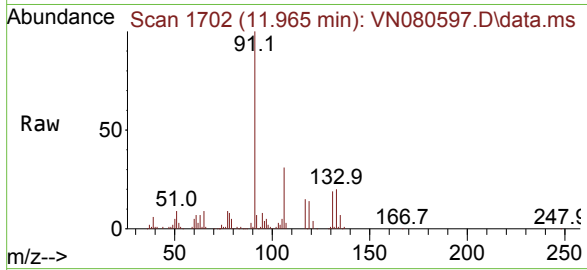
VSTDIC010

Tgt Ion: 91 Resp: 222980

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4



#68

m/p-Xylenes

Concen: 20.628 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080597.D

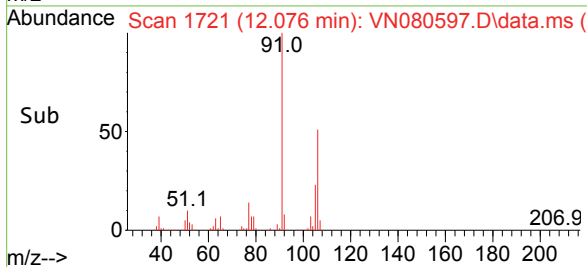
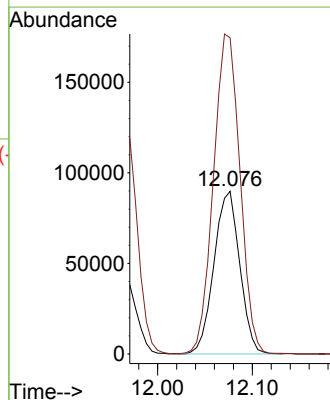
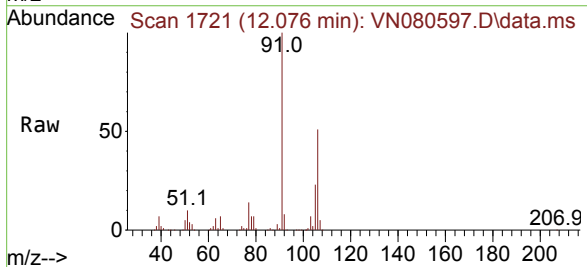
Acq: 27 Dec 2023 12:35

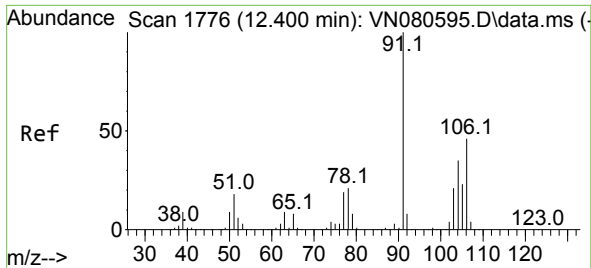
Tgt Ion:106 Resp: 169900

Ion Ratio Lower Upper

106 100

91 202.8 159.6 239.4

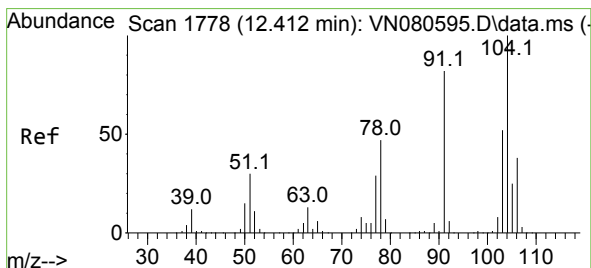
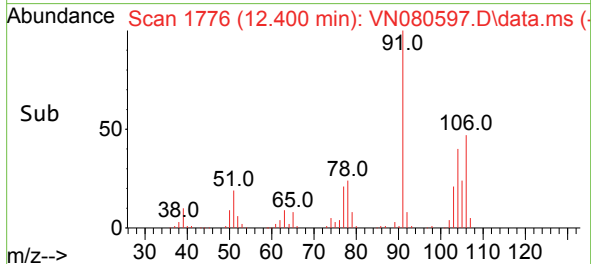
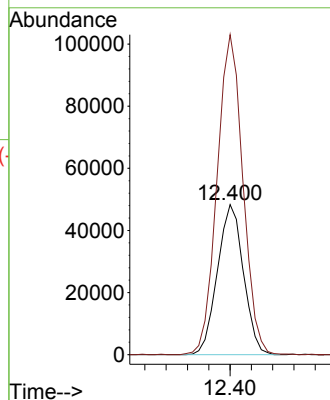
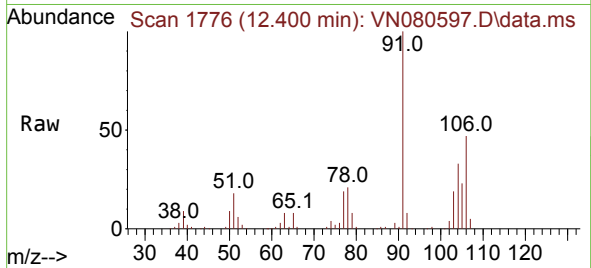




#69
o-Xylene
Concen: 10.113 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

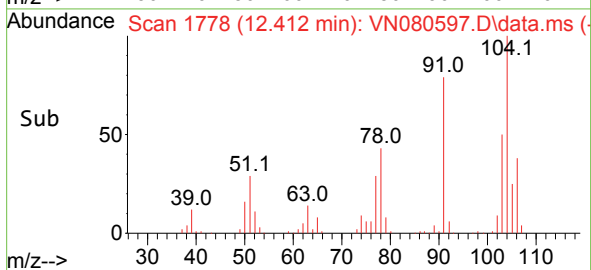
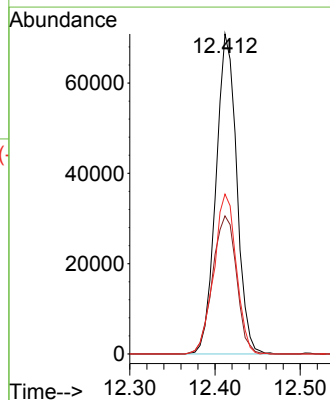
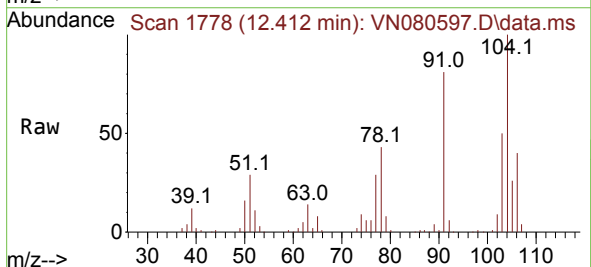
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

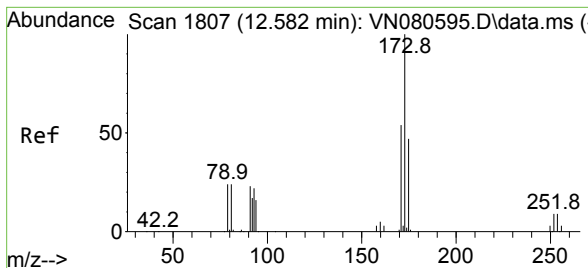
Tgt Ion:106 Resp: 81808
Ion Ratio Lower Upper
106 100
91 211.9 105.2 315.5



#70
Styrene
Concen: 10.195 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion:104 Resp: 119923
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.0 43.2 64.8





#71

Bromoform

Concen: 9.878 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

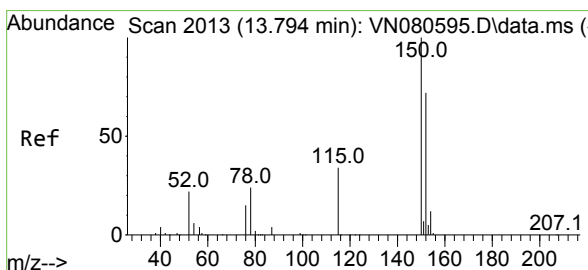
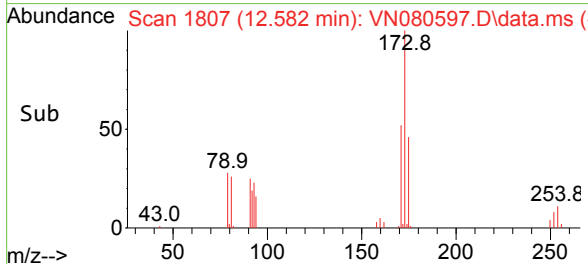
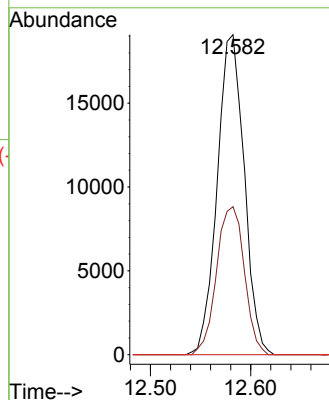
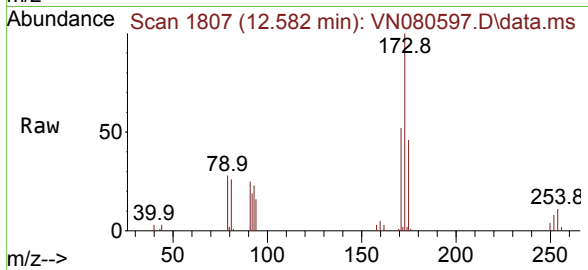
Tgt Ion:173 Resp: 35690

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

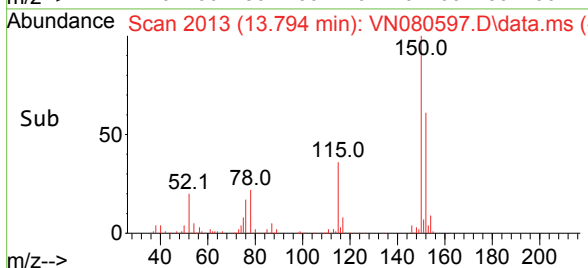
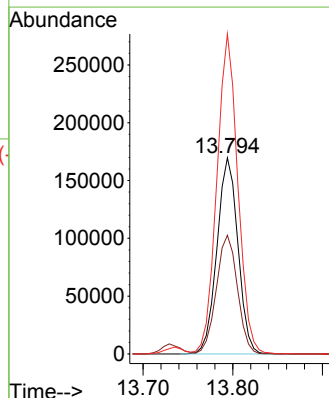
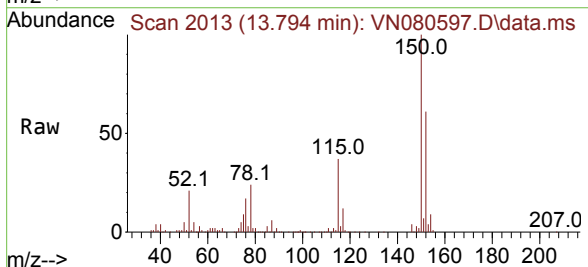
Tgt Ion:152 Resp: 275162

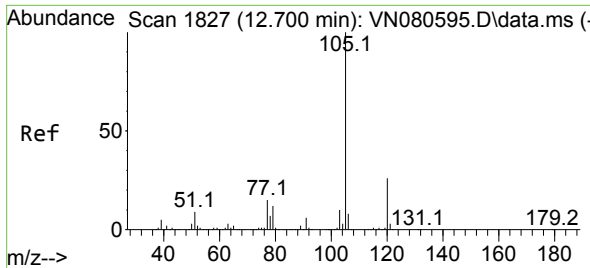
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 163.1 0.0 355.8

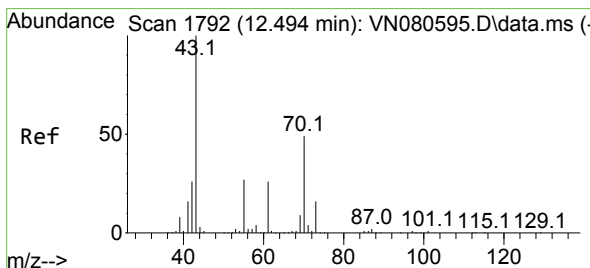
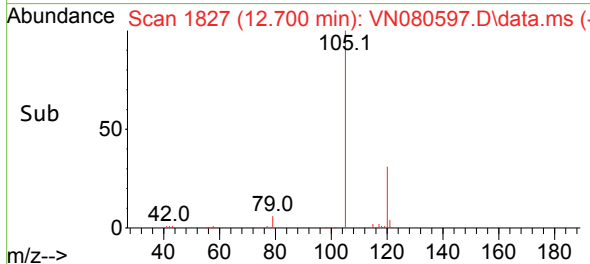
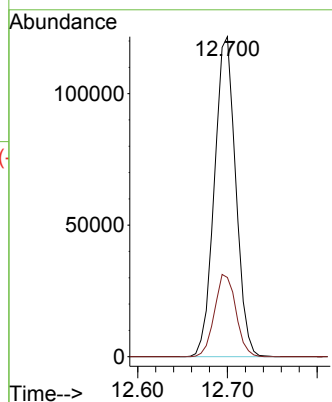
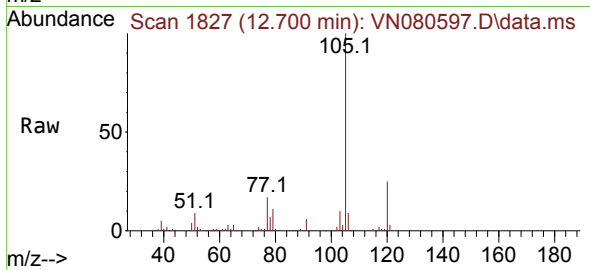




#73
Isopropylbenzene
Concen: 10.630 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

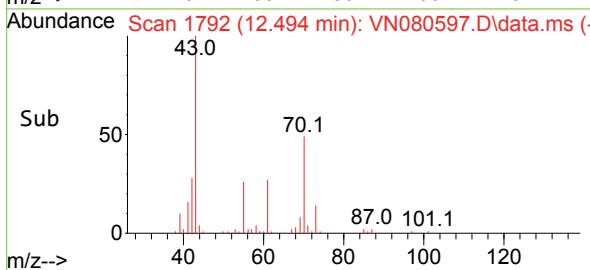
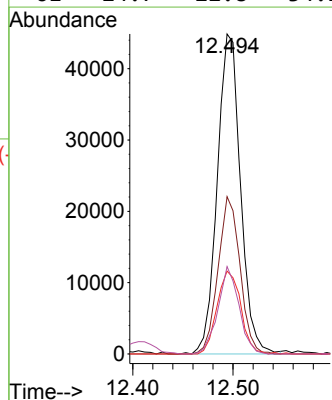
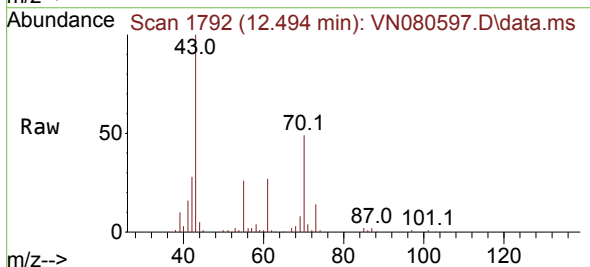
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

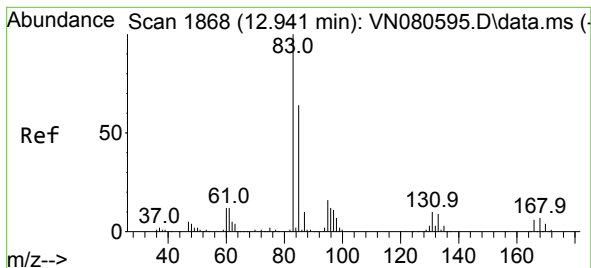
Tgt Ion:105 Resp: 200194
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 10.865 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 43 Resp: 72191
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.6 21.4 32.0
61 24.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.618 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

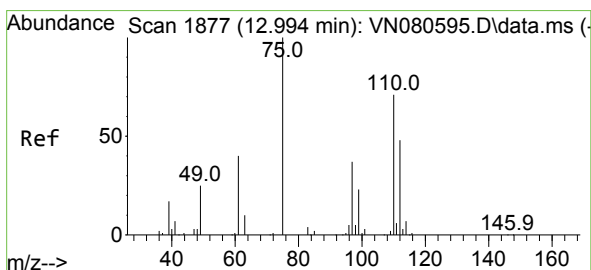
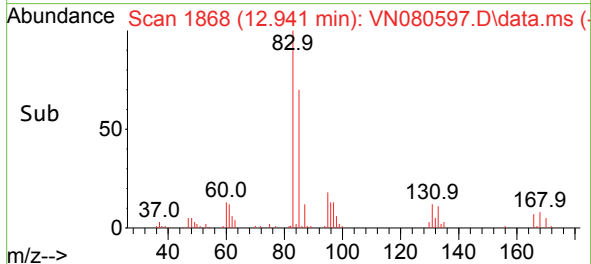
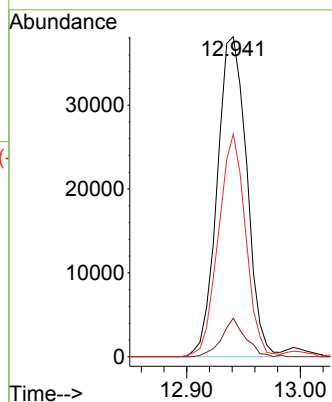
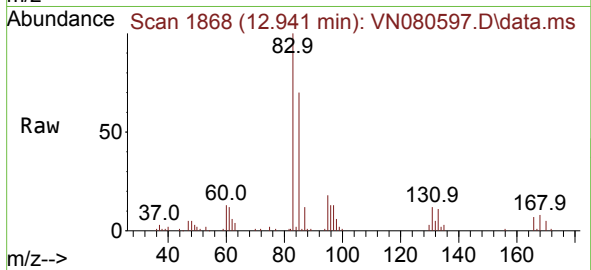
Tgt Ion: 83 Resp: 69009

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 14.670 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080597.D

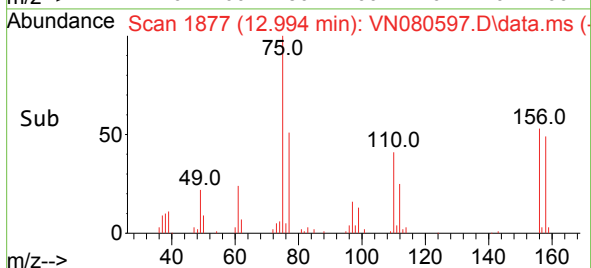
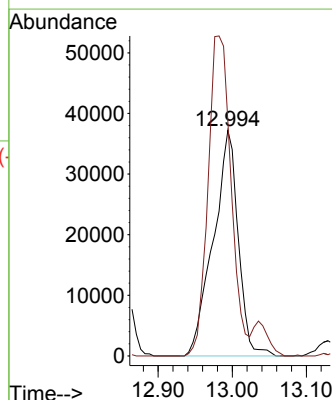
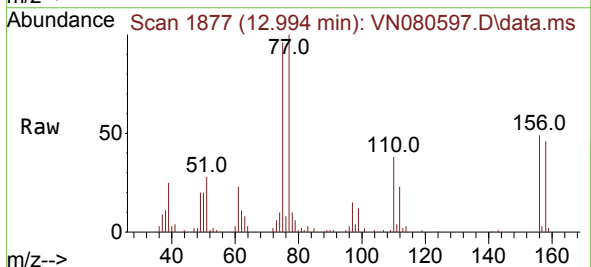
Acq: 27 Dec 2023 12:35

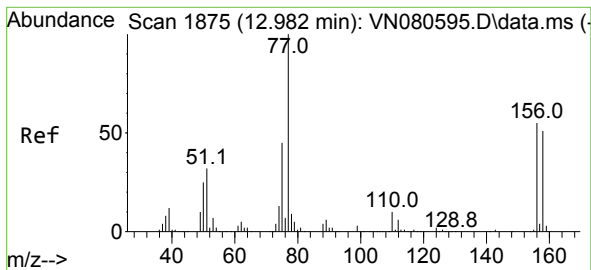
Tgt Ion: 75 Resp: 86822

Ion Ratio Lower Upper

75 100

77 131.3 84.5 253.5





#77

Bromobenzene

Concen: 10.554 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

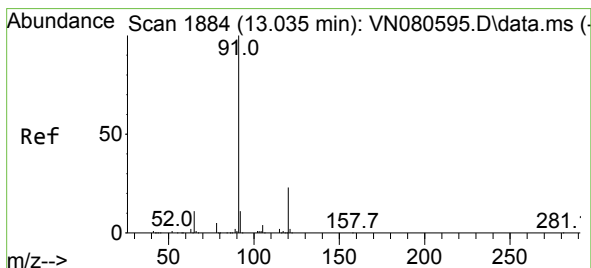
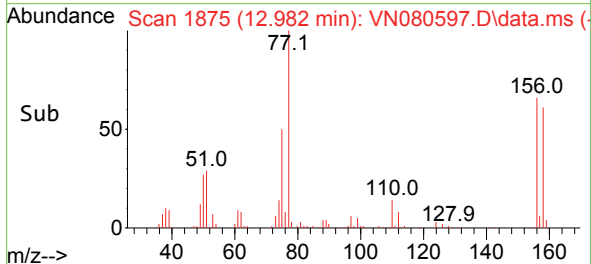
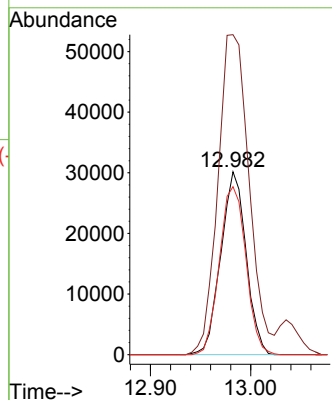
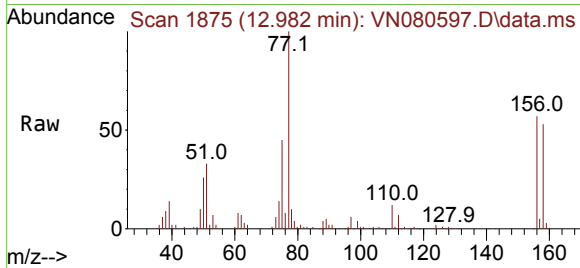
Tgt Ion:156 Resp: 52791

Ion Ratio Lower Upper

156 100

77 216.0 107.7 323.3

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 10.534 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080597.D

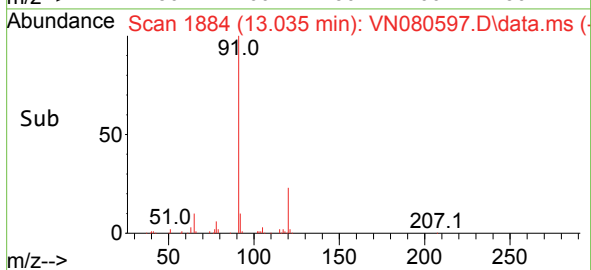
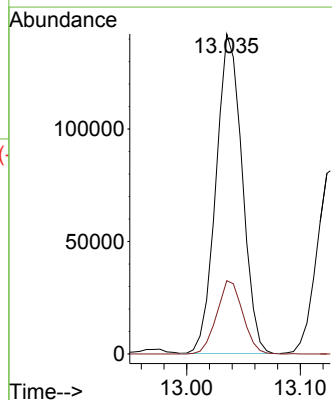
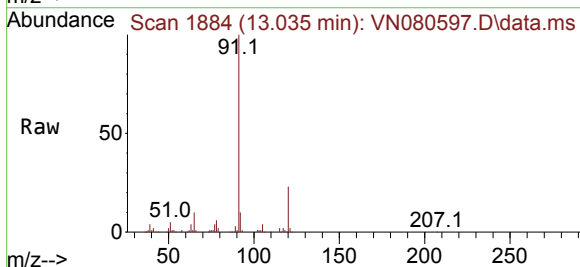
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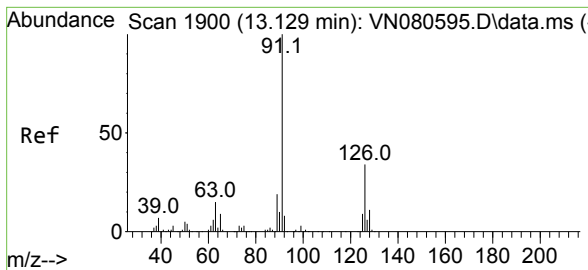
Tgt Ion: 91 Resp: 226867

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

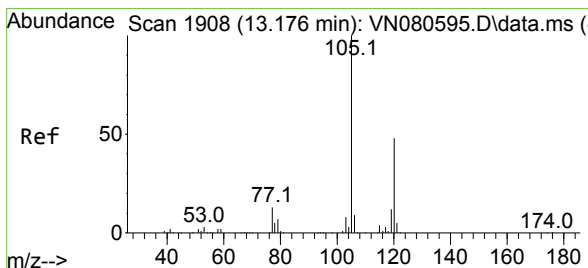
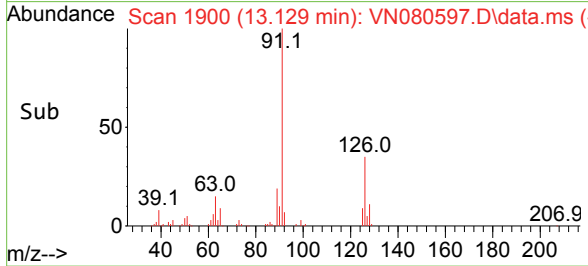
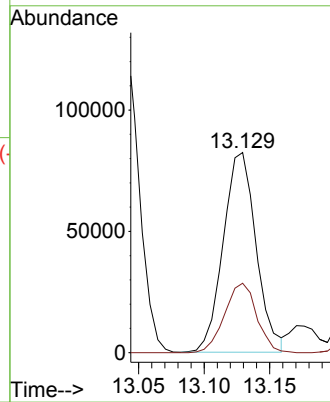
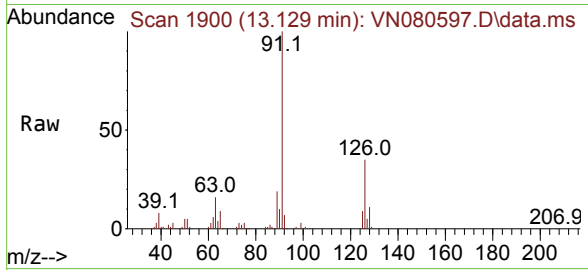




#79
 2-Chlorotoluene
 Concen: 10.225 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

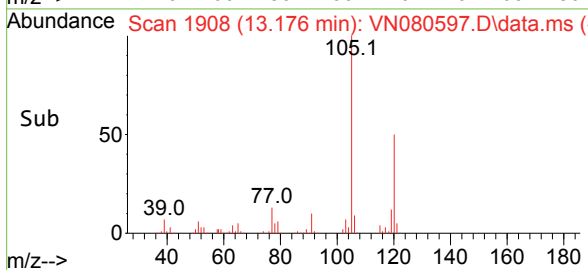
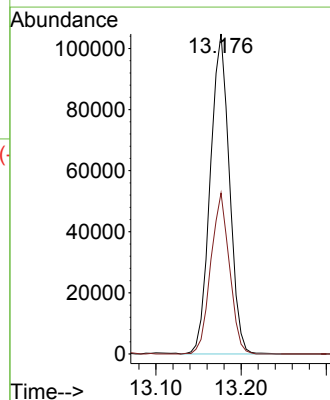
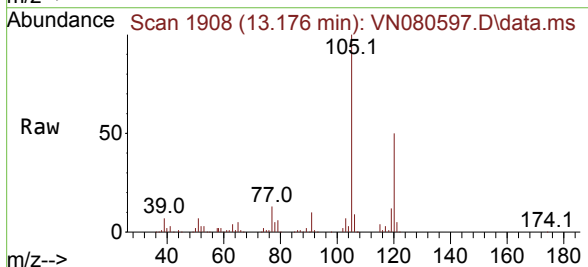
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

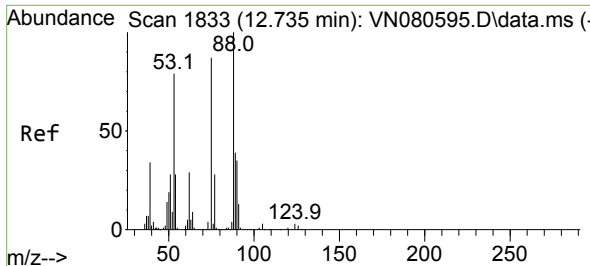
Tgt Ion: 91 Resp: 143762
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 10.281 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 105 Resp: 163497
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3

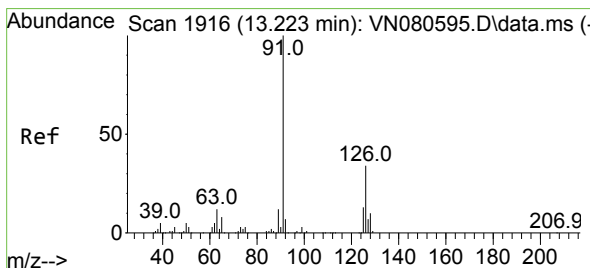
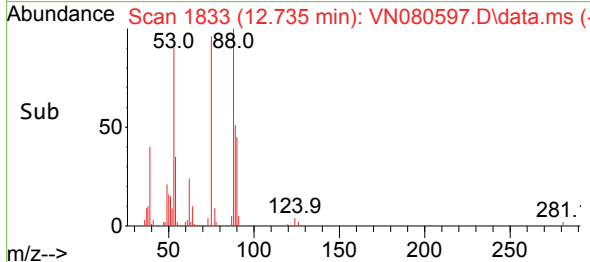
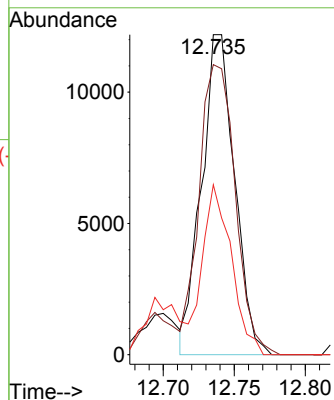
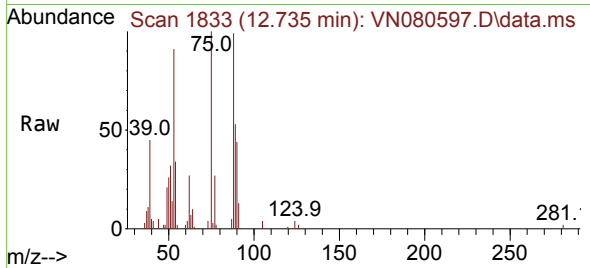




#81
trans-1,4-Dichloro-2-butene
Concen: 9.044 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

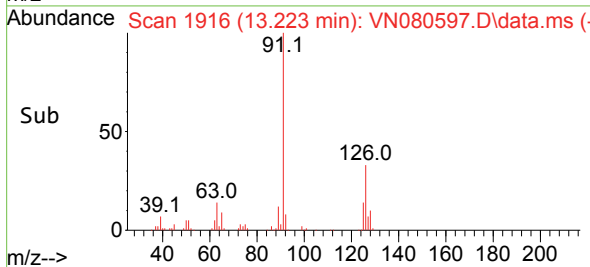
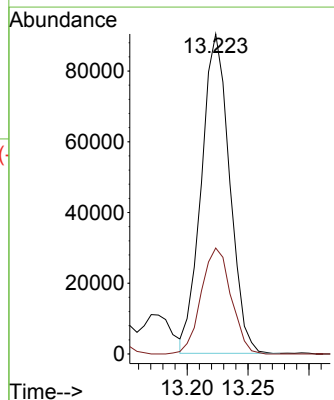
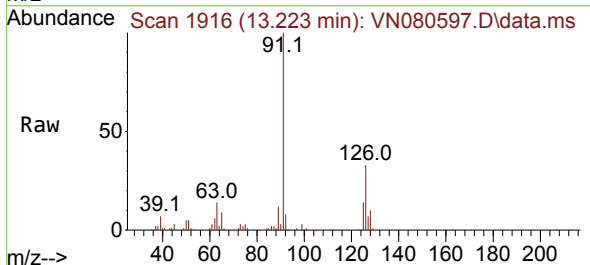
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

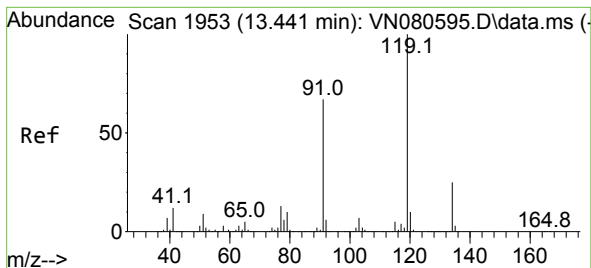
Tgt Ion: 75 Resp: 19759
Ion Ratio Lower Upper
75 100
53 99.0 67.4 101.2
89 45.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 10.147 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080597.D
Acq: 27 Dec 2023 12:35

Tgt Ion: 91 Resp: 145903
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 10.327 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

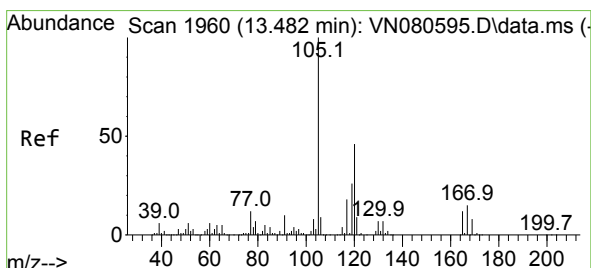
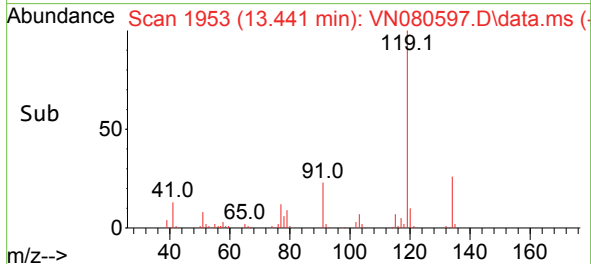
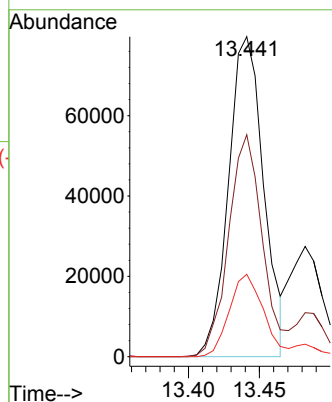
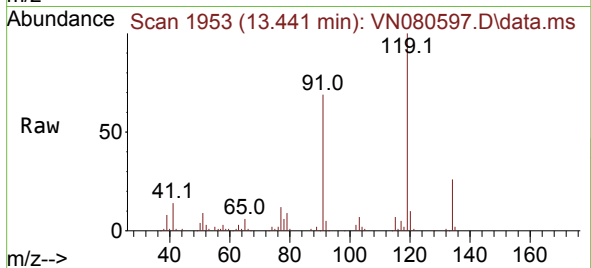
Tgt Ion:119 Resp: 137258

Ion Ratio Lower Upper

119 100

91 67.4 33.9 101.7

134 25.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 10.517 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080597.D

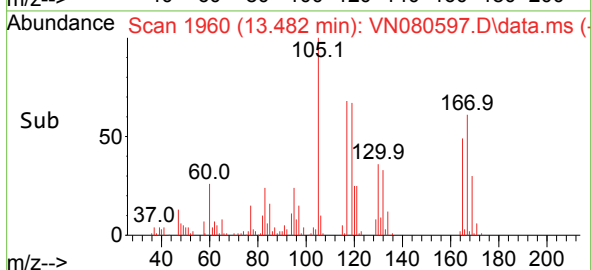
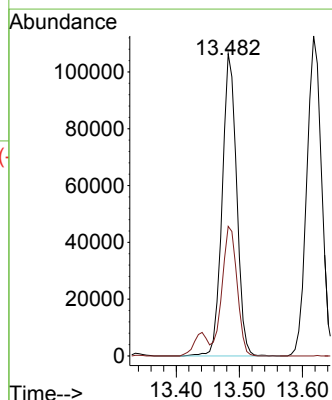
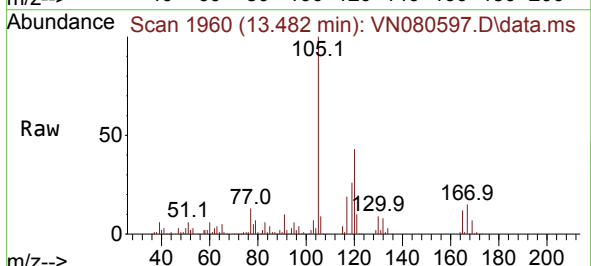
Acq: 27 Dec 2023 12:35

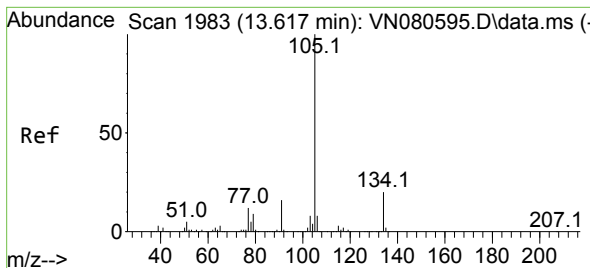
Tgt Ion:105 Resp: 169353

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 10.379 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

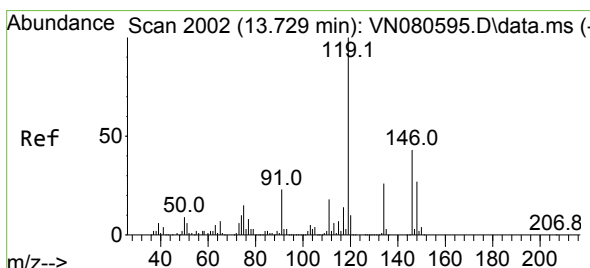
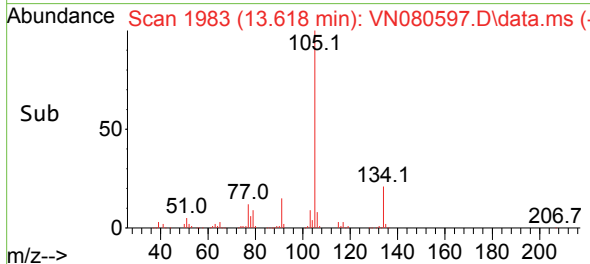
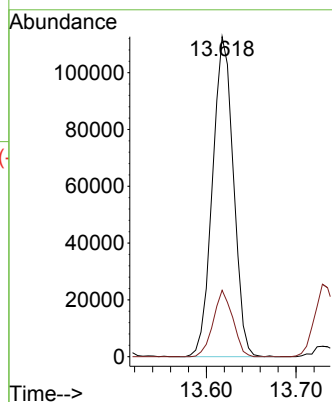
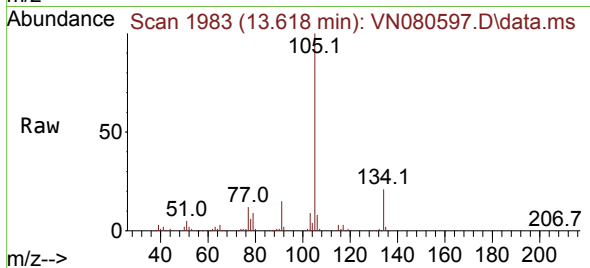
VSTDIC010

Tgt Ion:105 Resp: 182555

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 10.032 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

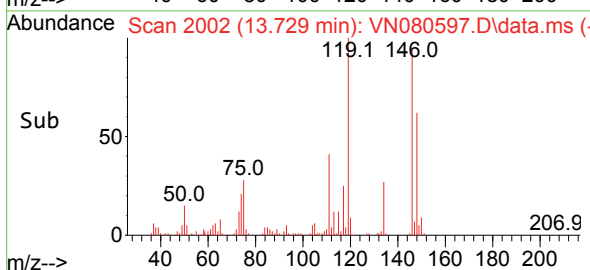
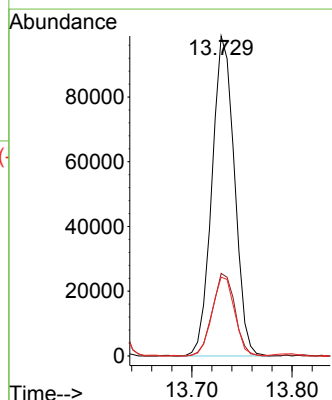
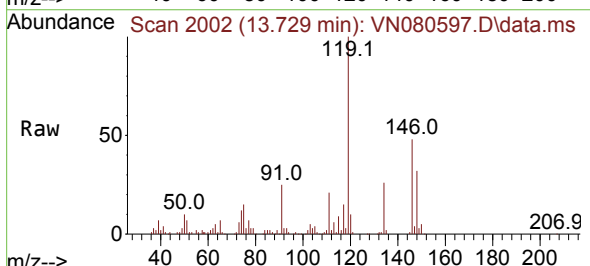
Tgt Ion:119 Resp: 154231

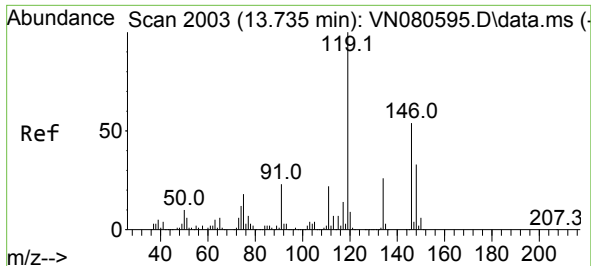
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 9.873 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

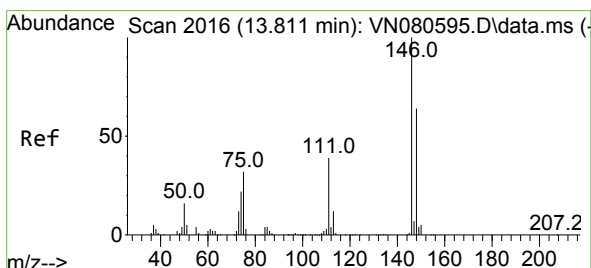
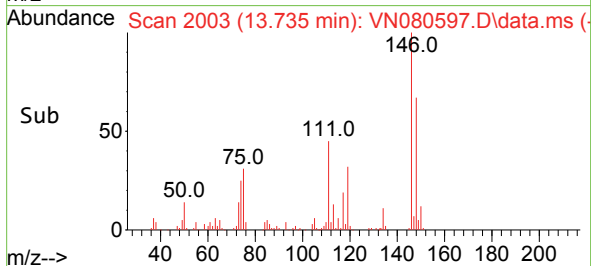
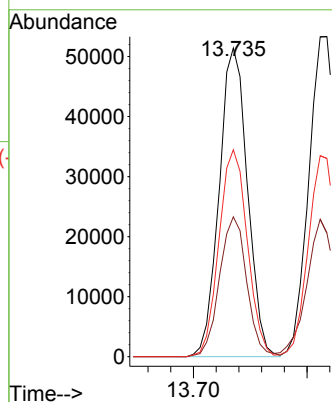
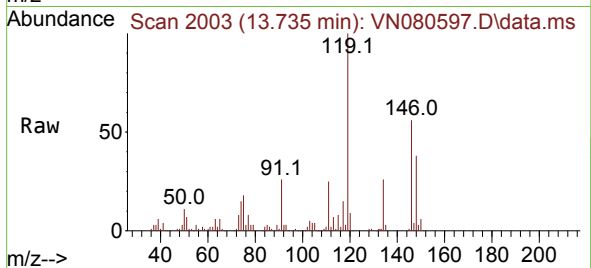
Tgt Ion:146 Resp: 89000

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

148 67.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 10.270 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

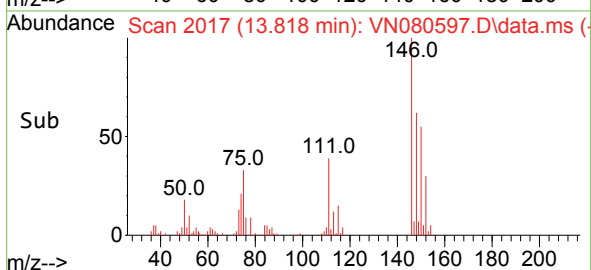
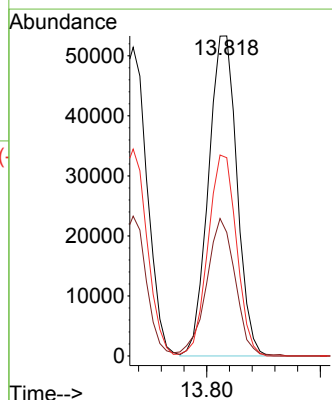
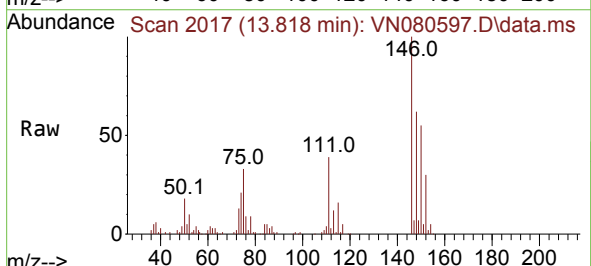
Tgt Ion:146 Resp: 93062

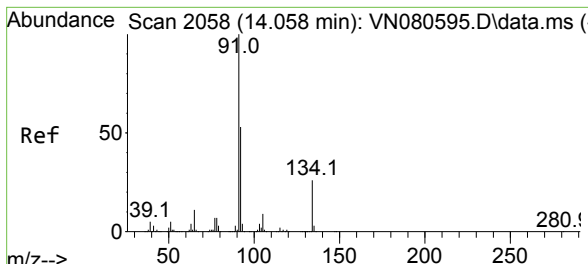
Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.8

148 62.9 31.6 94.8



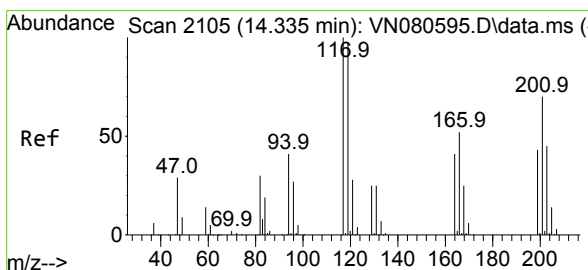
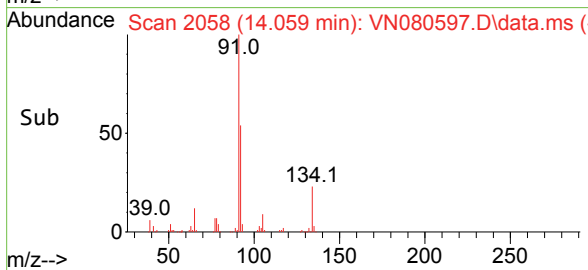
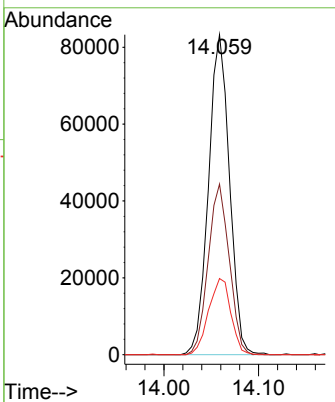
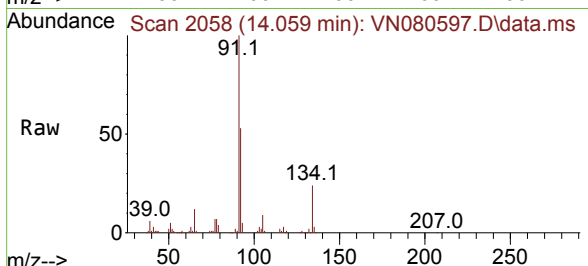


#89
 n-Butylbenzene
 Concen: 9.740 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 91 Resp: 128028

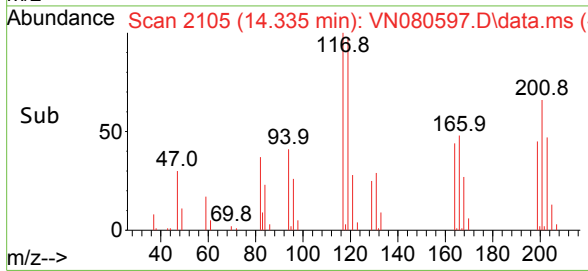
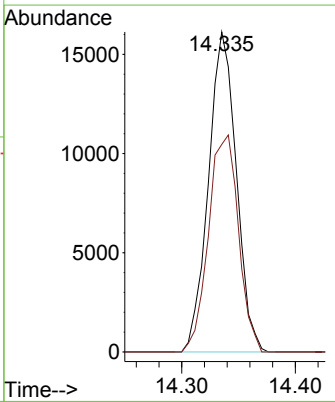
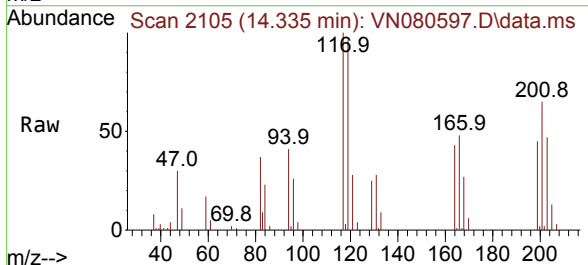
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.0
134	25.3	12.6	37.6

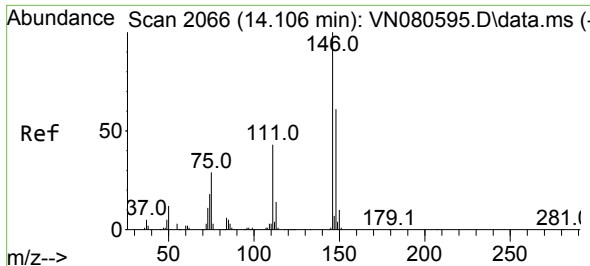


#90
 Hexachloroethane
 Concen: 10.018 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 117 Resp: 27503

Ion	Ratio	Lower	Upper
117	100		
201	72.9	29.3	88.0

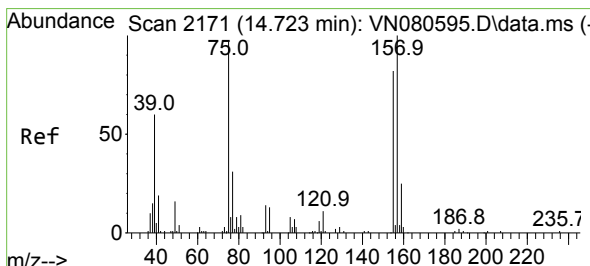
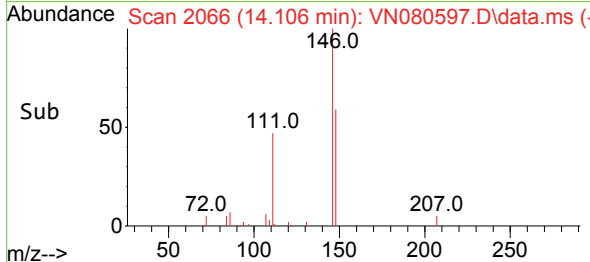
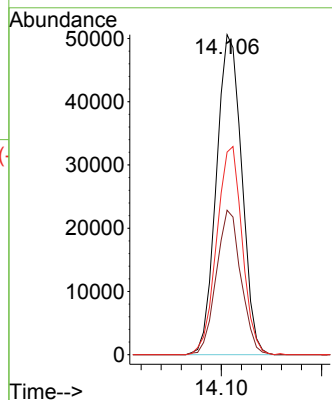
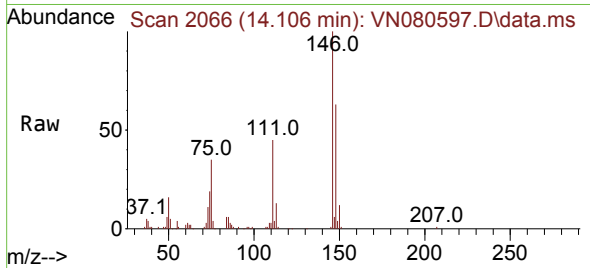




#91
 1,2-Dichlorobenzene
 Concen: 10.209 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

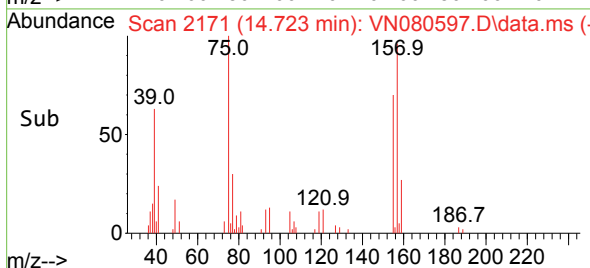
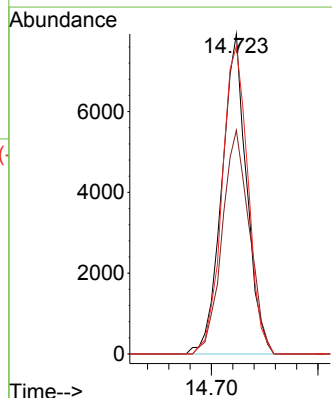
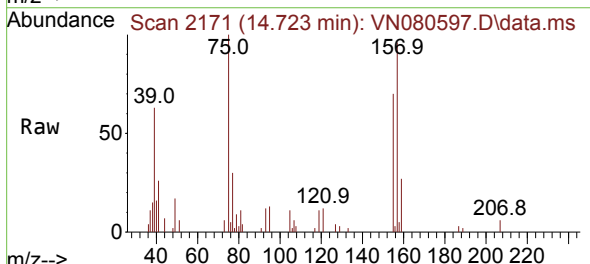
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

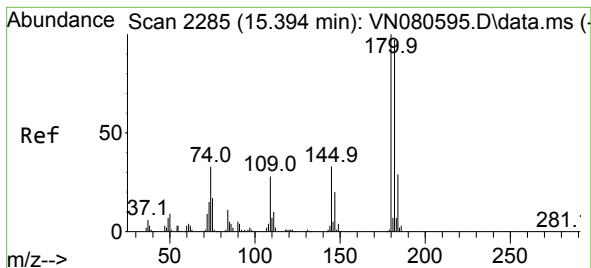
Tgt Ion:146 Resp: 88826
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.0 66.0
 148 65.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.529 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion: 75 Resp: 12782
 Ion Ratio Lower Upper
 75 100
 155 77.0 39.1 117.2
 157 100.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 10.524 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

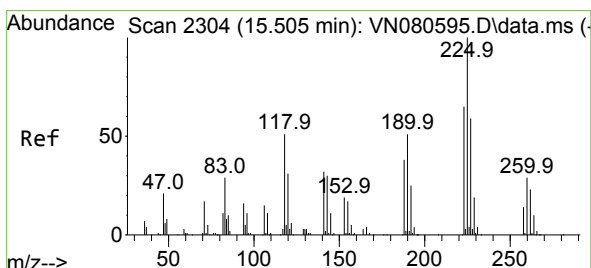
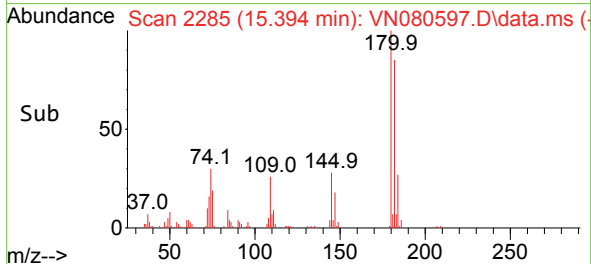
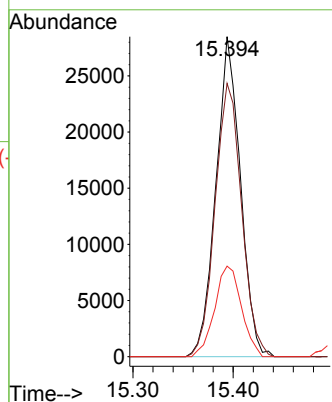
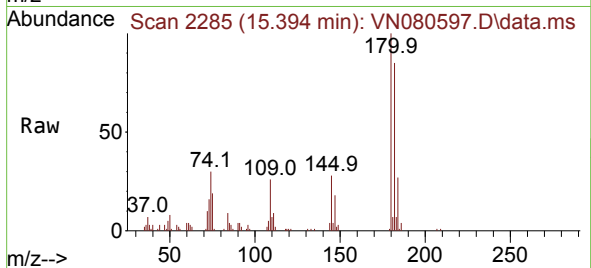
Tgt Ion:180 Resp: 48313

Ion Ratio Lower Upper

180 100

182 92.4 46.1 138.2

145 31.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 9.093 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080597.D

Acq: 27 Dec 2023 12:35

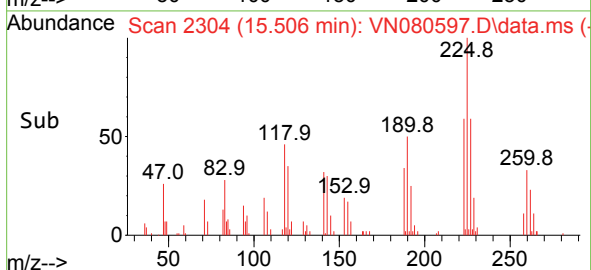
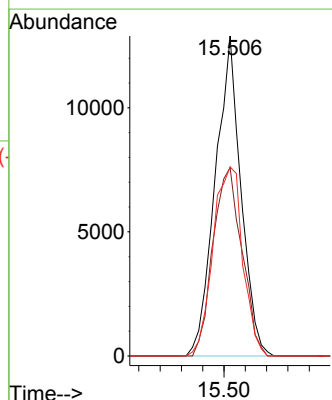
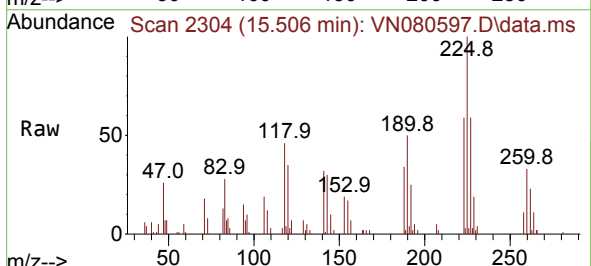
Tgt Ion:225 Resp: 21542

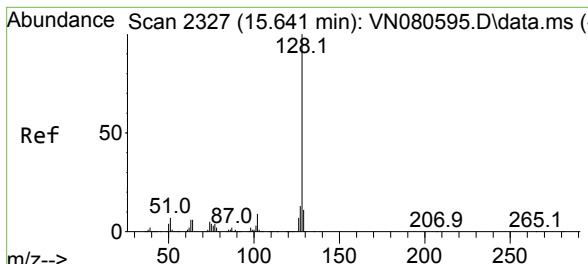
Ion Ratio Lower Upper

225 100

223 66.4 31.3 93.8

227 68.4 31.9 95.9

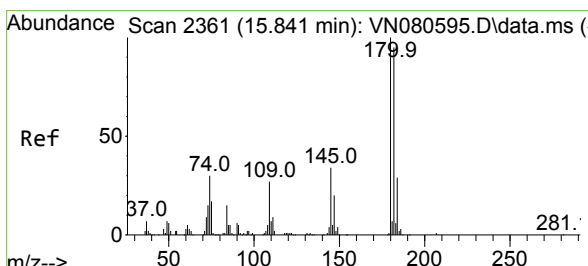
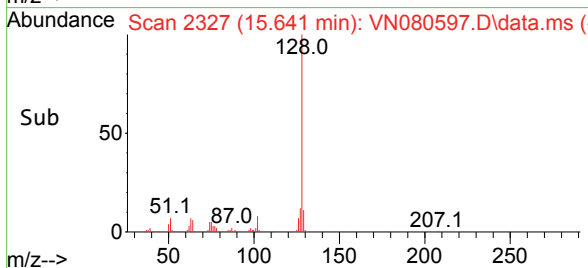
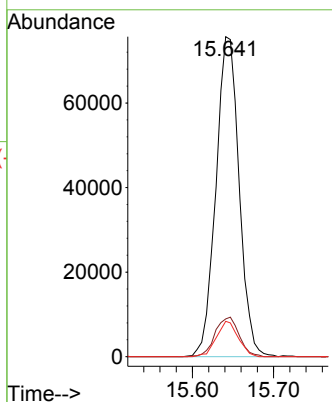
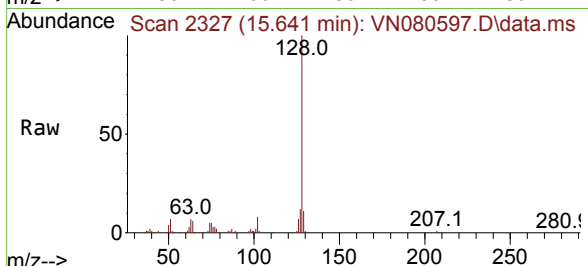




#95
 Naphthalene
 Concen: 10.516 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:	128	Resp:	150252
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.4	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 9.884 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN080597.D
 Acq: 27 Dec 2023 12:35

Tgt Ion:	180	Resp:	45871
Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.2	138.6
145	34.6	17.5	52.6

