

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075082.D
 Acq On : 31 Oct 2022 13:22
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Quant Time: Nov 01 06:15:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	172685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71337	53.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.980%
35) Dibromofluoromethane	8.171	113	55488	52.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.640%
50) Toluene-d8	10.571	98	219935	53.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.853	95	77714	53.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	23878	18.545	ug/l	94
3) Chloromethane	2.377	50	27035	19.768	ug/l	95
4) Vinyl Chloride	2.524	62	37858	19.404	ug/l	95
5) Bromomethane	2.942	94	30592	18.880	ug/l	92
6) Chloroethane	3.118	64	26835	19.181	ug/l	94
7) Trichlorofluoromethane	3.506	101	39092	19.614	ug/l	96
8) Diethyl Ether	3.977	74	14665	20.173	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	22631	20.561	ug/l	96
10) Methyl Iodide	4.595	142	31855	19.440	ug/l	97
11) Tert butyl alcohol	5.542	59	29349	94.372	ug/l	99
12) 1,1-Dichloroethene	4.353	96	20154	19.210	ug/l	97
13) Acrolein	4.189	56	27217	106.995	ug/l	98
14) Allyl chloride	5.030	41	30274	19.757	ug/l	98
15) Acrylonitrile	5.730	53	67619	102.928	ug/l	98
16) Acetone	4.442	43	57842	102.436	ug/l	100
17) Carbon Disulfide	4.724	76	49353	18.706	ug/l	99
18) Methyl Acetate	5.036	43	38683	20.972	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	74902	19.208	ug/l	98
20) Methylene Chloride	5.289	84	25723	20.431	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	21462	18.683	ug/l	98
22) Diisopropyl ether	6.683	45	65665	19.419	ug/l	96
23) Vinyl Acetate	6.612	43	247021	87.479	ug/l	99
24) 1,1-Dichloroethane	6.577	63	42229	19.745	ug/l	98
25) 2-Butanone	7.494	43	88687	99.854	ug/l	100
26) 2,2-Dichloropropane	7.494	77	37565	19.093	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	27153	19.793	ug/l	98
28) Bromochloromethane	7.818	49	17608	19.531	ug/l	99
29) Tetrahydrofuran	7.841	42	57480	100.153	ug/l	97
30) Chloroform	7.971	83	46056	19.834	ug/l	98
31) Cyclohexane	8.259	56	37758	19.037	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	40718	19.310	ug/l	95
36) 1,1-Dichloropropene	8.377	75	31802	19.368	ug/l	100
37) Ethyl Acetate	7.571	43	35966	19.973	ug/l	95
38) Carbon Tetrachloride	8.365	117	35578	19.697	ug/l	88
39) Methylcyclohexane	9.606	83	41401	19.099	ug/l	94
40) Benzene	8.612	78	99470	19.785	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17040	19.751	ug/l	94
42) 1,2-Dichloroethane	8.677	62	38016	20.783	ug/l	100
43) Isopropyl Acetate	8.694	43	56485	20.222	ug/l	99
44) Trichloroethene	9.359	130	24332	19.290	ug/l	90
45) 1,2-Dichloropropane	9.624	63	25447	21.268	ug/l	99
46) Dibromomethane	9.712	93	18306	19.638	ug/l	97
47) Bromodichloromethane	9.888	83	36516	20.229	ug/l	99
48) Methyl methacrylate	9.688	41	25769	20.112	ug/l	98
49) 1,4-Dioxane	9.700	88	13340	397.588	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	184357	102.279	ug/l	99
52) Toluene	10.635	92	68118	20.268	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	37541	19.703	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	40159	19.872	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	27436	20.588	ug/l	96
56) Ethyl methacrylate	10.877	69	40954	20.148	ug/l	99
57) 1,3-Dichloropropane	11.165	76	44582	20.089	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	85524	108.831	ug/l	98
59) 2-Hexanone	11.200	43	139188	101.744	ug/l	99
60) Dibromochloromethane	11.359	129	28101	19.987	ug/l	99
61) 1,2-Dibromoethane	11.471	107	27165	19.892	ug/l	99
64) Tetrachloroethene	11.106	164	22058	20.835	ug/l	94
65) Chlorobenzene	11.894	112	70825	19.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	26967	19.722	ug/l	97
67) Ethyl Benzene	11.965	91	129687	19.556	ug/l	99
68) m/p-Xylenes	12.076	106	103117	38.752	ug/l	99
69) o-Xylene	12.400	106	50824	19.314	ug/l	100
70) Styrene	12.412	104	80814	19.260	ug/l	98
71) Bromoform	12.582	173	18906	18.468	ug/l #	99
73) Isopropylbenzene	12.700	105	129721	20.087	ug/l	99
74) N-amyl acetate	12.494	43	47298	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	43319	21.042	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54702	32.028	ug/l	72
77) Bromobenzene	12.982	156	28261	19.875	ug/l	97
78) n-propylbenzene	13.035	91	149049	20.557	ug/l	98
79) 2-Chlorotoluene	13.129	91	91524	20.657	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	109849	20.252	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	11825	17.773	ug/l	87
82) 4-Chlorotoluene	13.129	91	91524	20.657	ug/l	100
83) tert-Butylbenzene	13.441	119	97457	20.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	111735	20.360	ug/l	100
85) sec-Butylbenzene	13.618	105	135365	20.077	ug/l	97
86) p-Isopropyltoluene	13.729	119	111680	20.057	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	54122	19.440	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	53806	19.528	ug/l	98
89) n-Butylbenzene	14.059	91	86972	19.396	ug/l	99
90) Hexachloroethane	14.335	117	19143	18.751	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	54663	19.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8198	18.820	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	22823	19.162	ug/l	99
94) Hexachlorobutadiene	15.506	225	10135	17.455	ug/l	96
95) Naphthalene	15.647	128	83263	18.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22201	18.760	ug/l	98

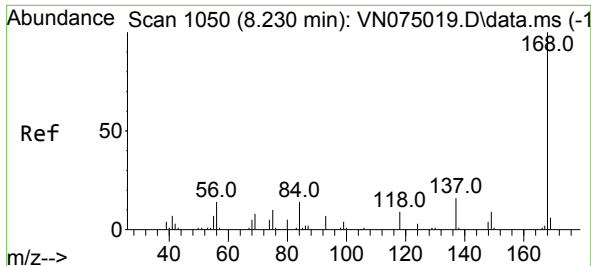
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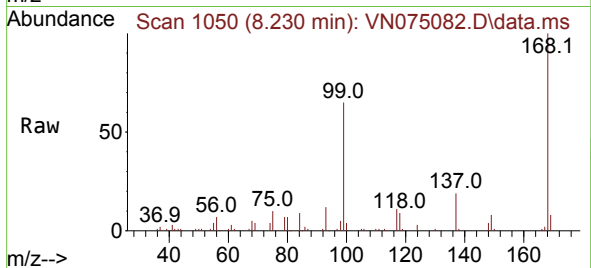
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

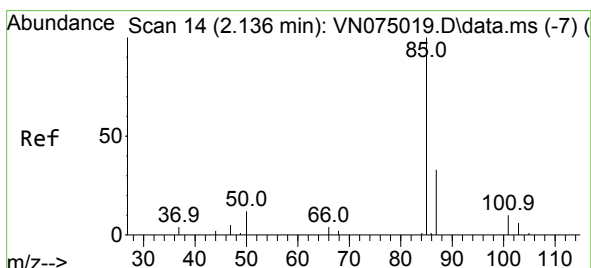
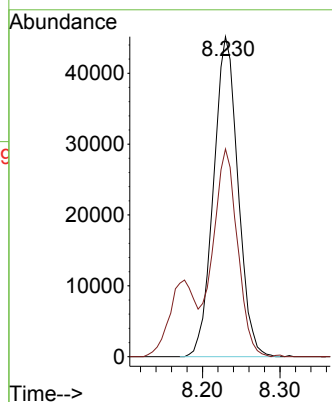
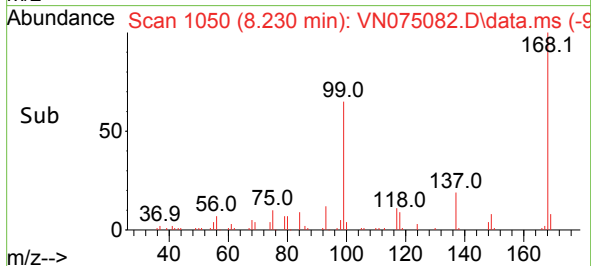


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

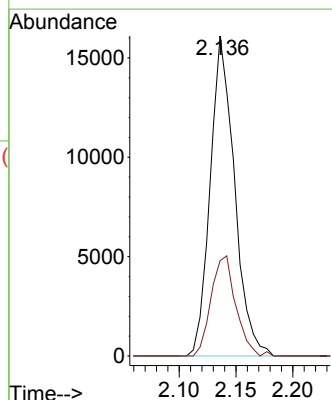
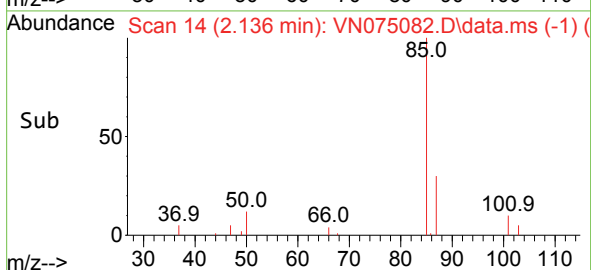
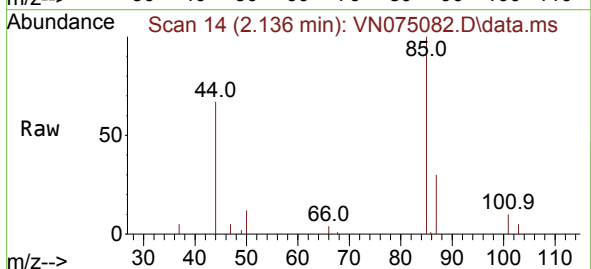


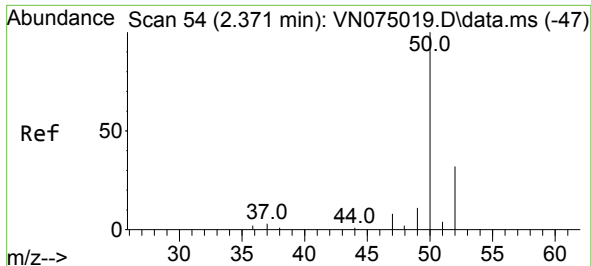
Tgt Ion:168 Resp: 98975
Ion Ratio Lower Upper
168 100
99 64.4 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 18.545 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 85 Resp: 23878
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.0

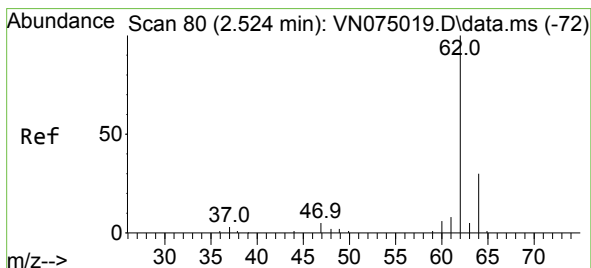
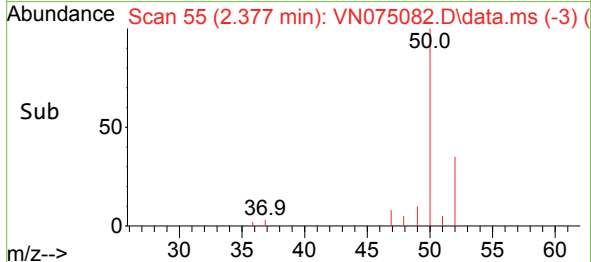
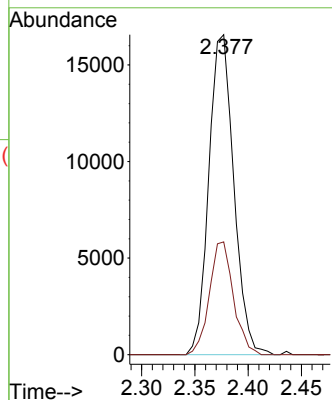
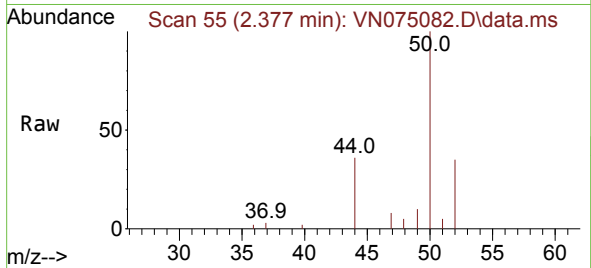




#3
Chloromethane
Concen: 19.768 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

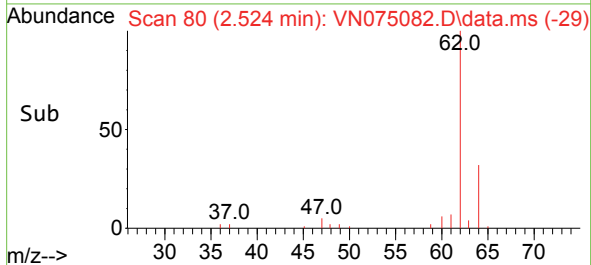
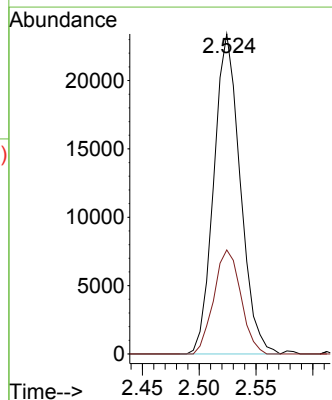
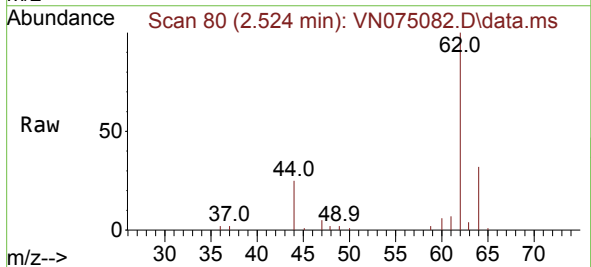
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

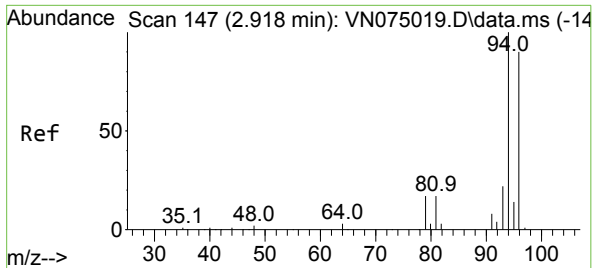
Tgt Ion: 50 Resp: 27035
Ion Ratio Lower Upper
50 100
52 35.2 25.8 38.6



#4
Vinyl Chloride
Concen: 19.404 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 62 Resp: 37858
Ion Ratio Lower Upper
62 100
64 32.5 24.0 36.0

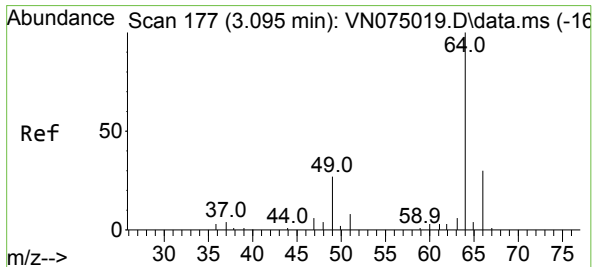
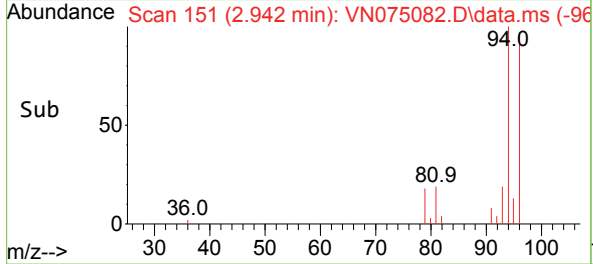
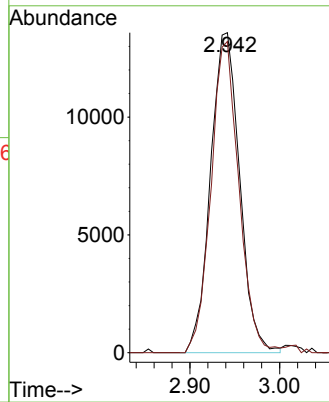
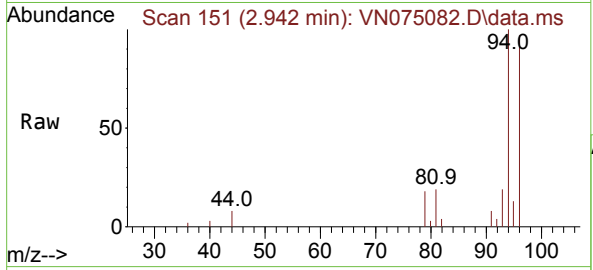




#5
Bromomethane
Concen: 18.880 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

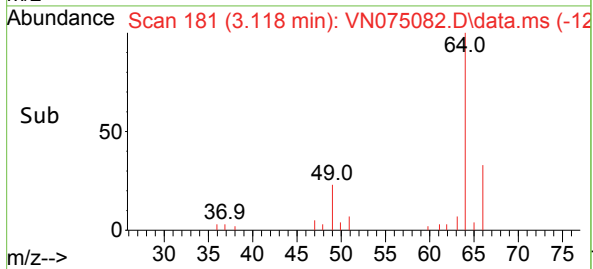
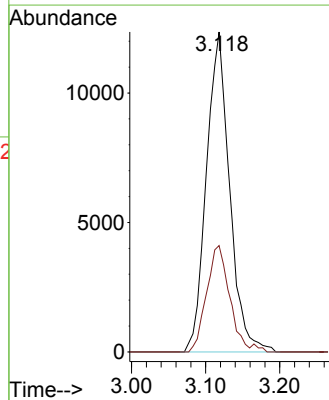
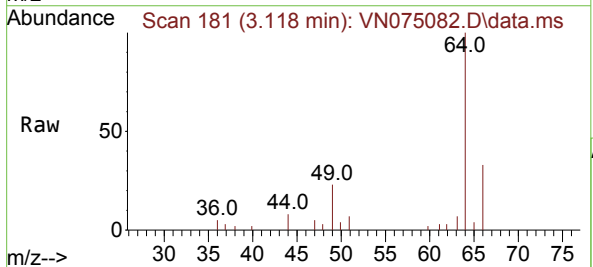
Instrument :
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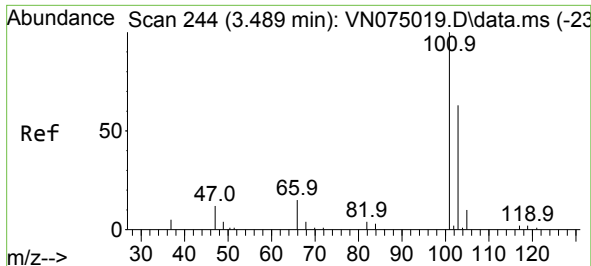
Tgt Ion: 94 Resp: 30592
Ion Ratio Lower Upper
94 100
96 97.3 71.8 107.6



#6
Chloroethane
Concen: 19.181 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 64 Resp: 26835
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.8

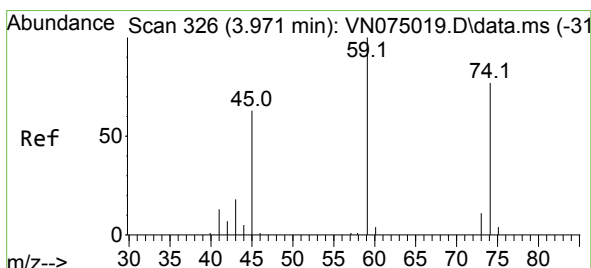
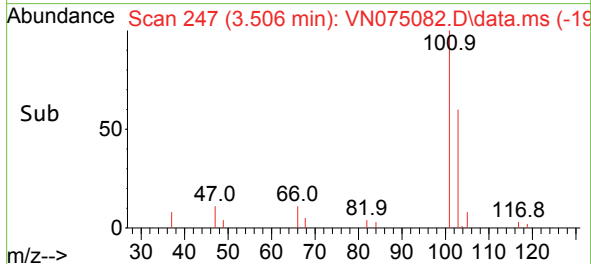
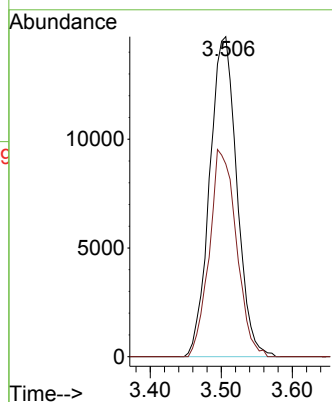
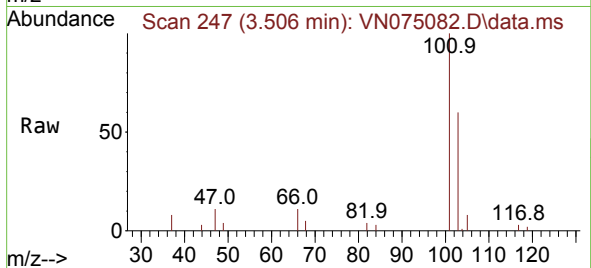




#7
Trichlorofluoromethane
Concen: 19.614 ug/l
RT: 3.506 min Scan# 244
Delta R.T. 0.017 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

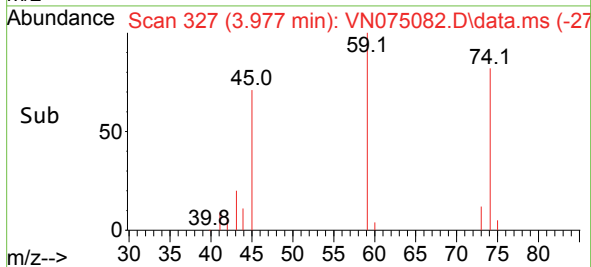
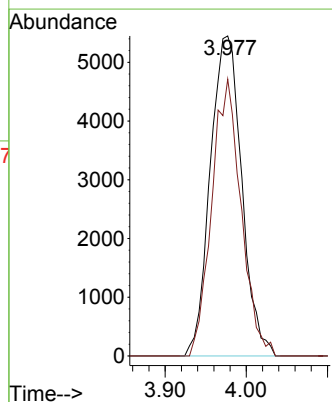
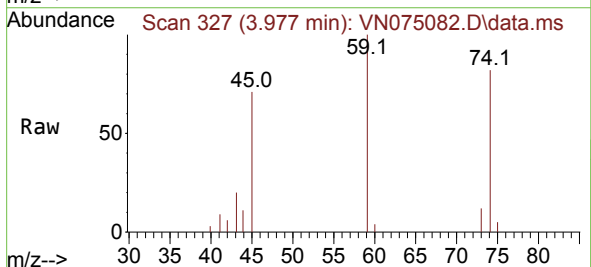
Instrument :
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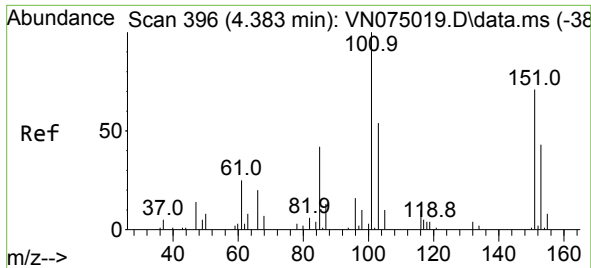
Tgt Ion:101 Resp: 39092
Ion Ratio Lower Upper
101 100
103 60.2 50.5 75.7



#8
Diethyl Ether
Concen: 20.173 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 74 Resp: 14665
Ion Ratio Lower Upper
74 100
45 80.5 39.3 117.9

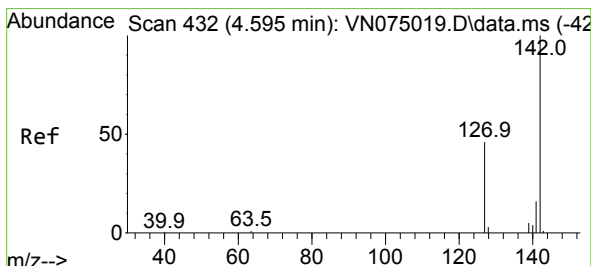
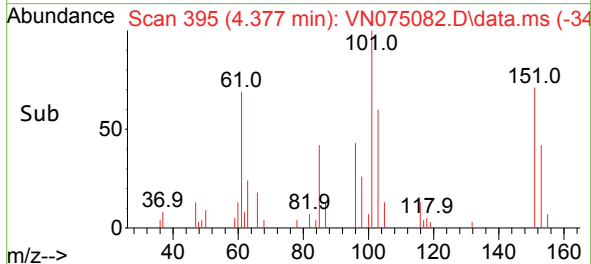
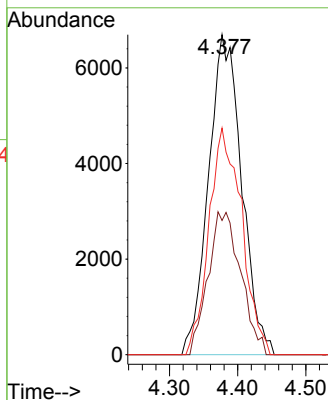
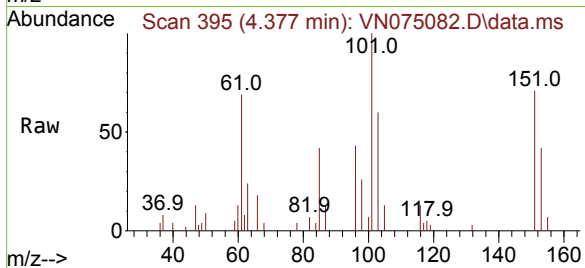




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.561 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075082.D
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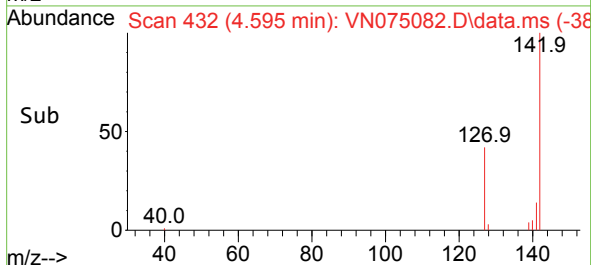
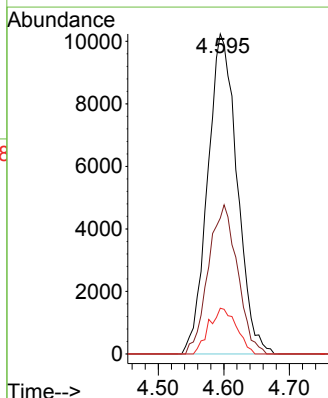
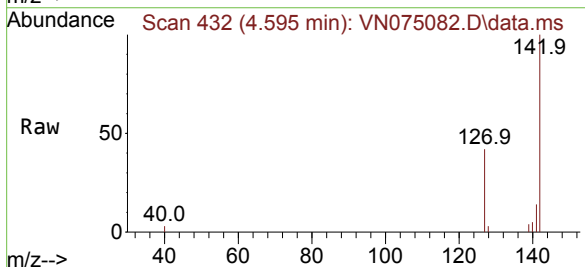
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

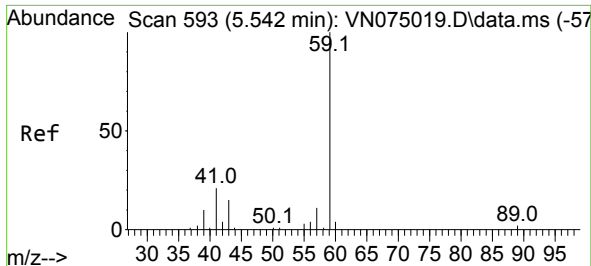
Tgt Ion:101 Resp: 22631
Ion Ratio Lower Upper
101 100
85 44.1 37.6 56.4
151 69.9 58.3 87.5



#10
Methyl Iodide
Concen: 19.440 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:142 Resp: 31855
Ion Ratio Lower Upper
142 100
127 46.2 38.0 57.0
141 13.3 12.2 18.4

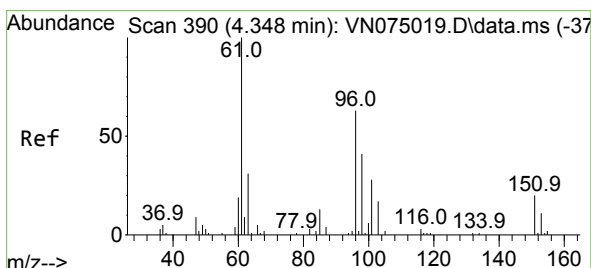
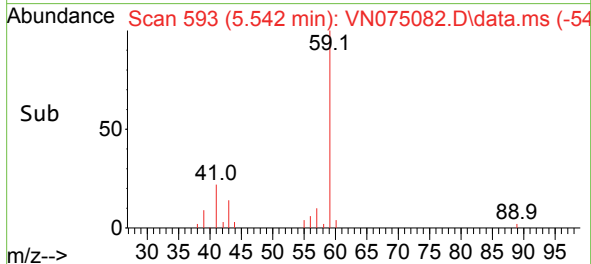
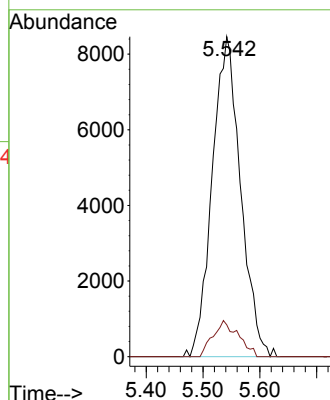
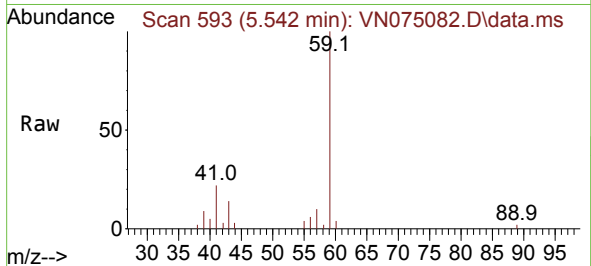




#11
Tert butyl alcohol
Concen: 94.372 ug/l
RT: 5.542 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

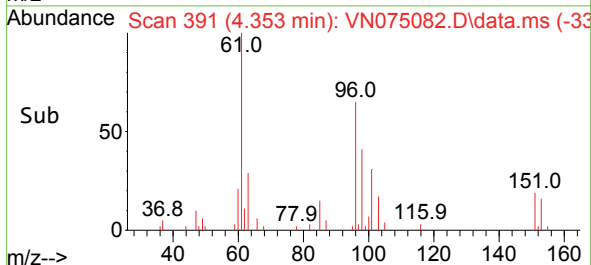
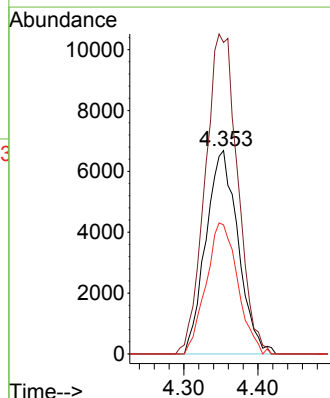
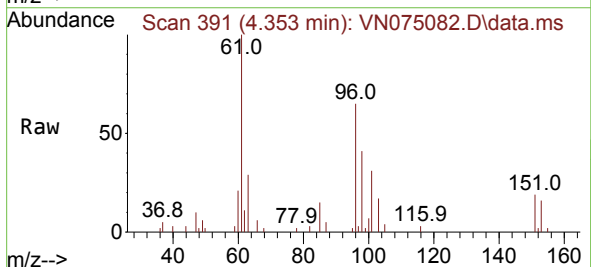
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

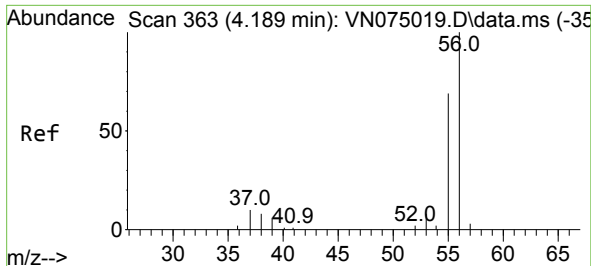
Tgt Ion: 59 Resp: 29349
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.210 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 96 Resp: 20154
Ion Ratio Lower Upper
96 100
61 153.2 126.2 189.4
98 63.5 51.5 77.3

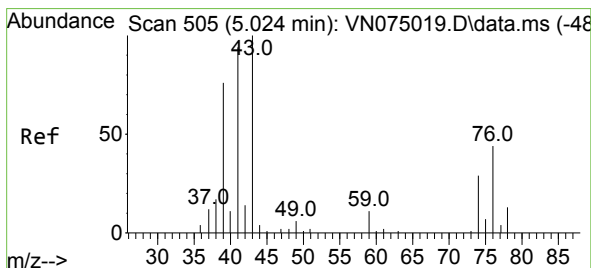
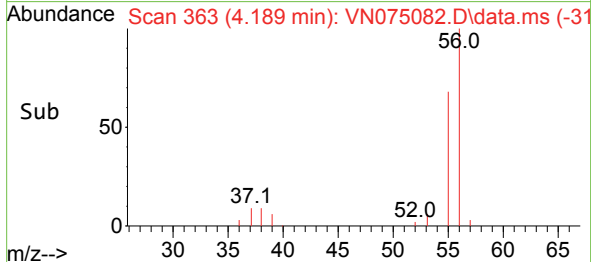
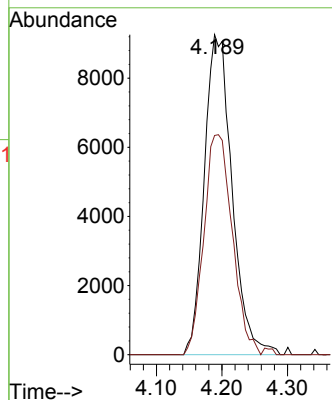
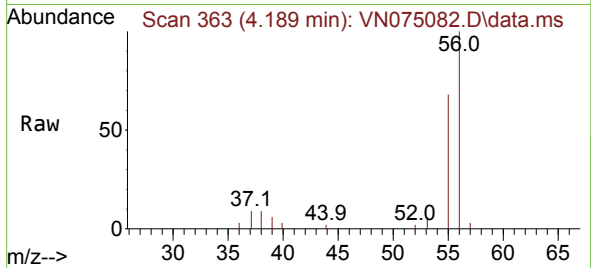




#13
Acrolein
Concen: 106.995 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

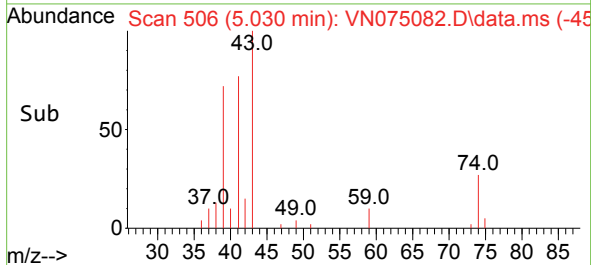
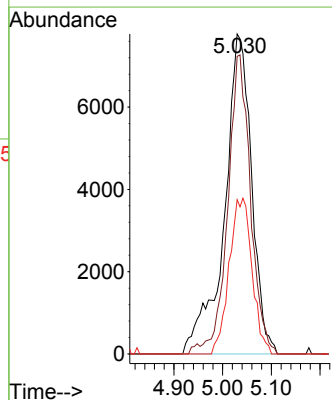
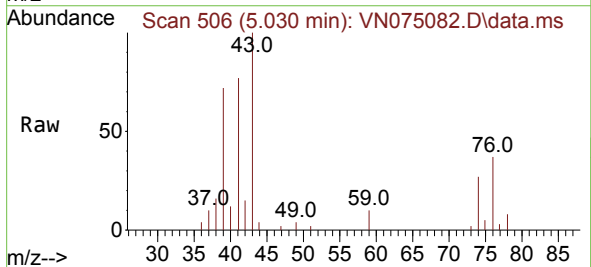
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

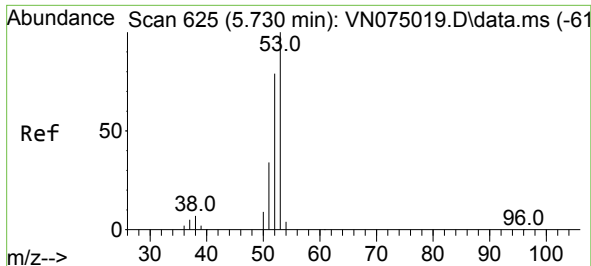
Tgt Ion: 56 Resp: 27217
Ion Ratio Lower Upper
56 100
55 70.4 55.2 82.8



#14
Allyl chloride
Concen: 19.757 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 41 Resp: 30274
Ion Ratio Lower Upper
41 100
39 78.0 61.0 91.4
76 40.7 33.4 50.0

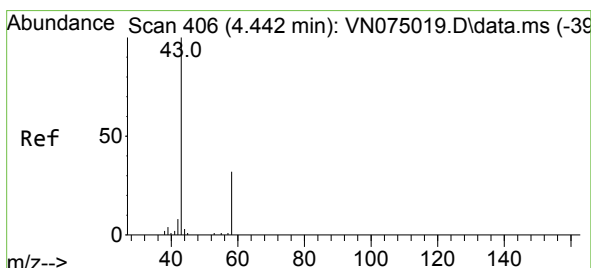
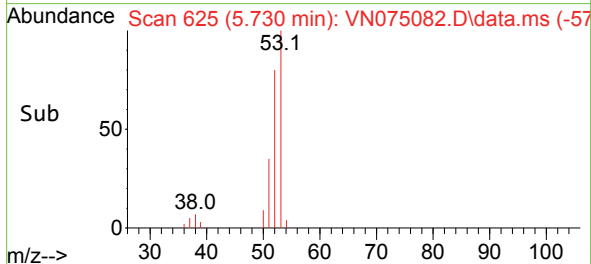
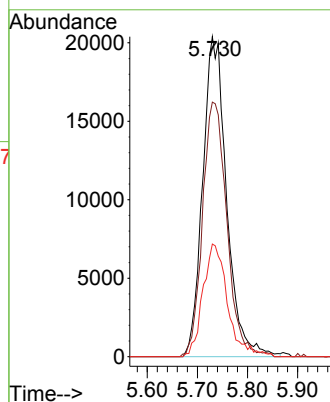
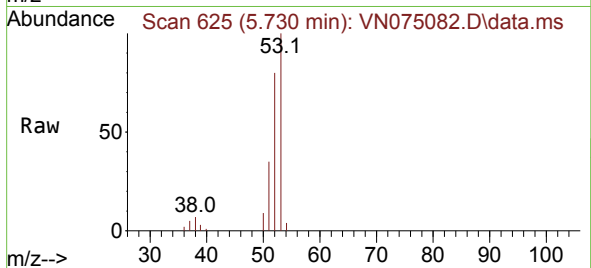




#15
Acrylonitrile
Concen: 102.928 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

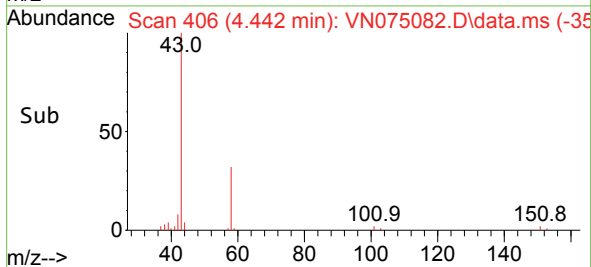
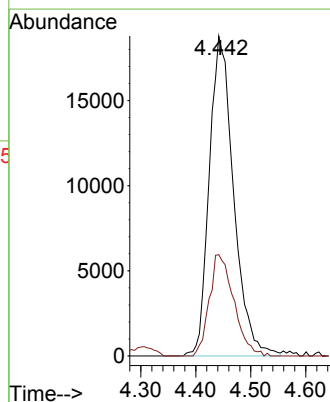
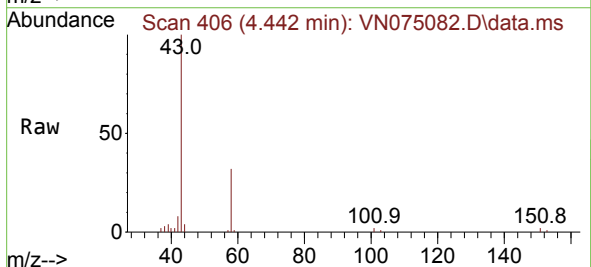
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

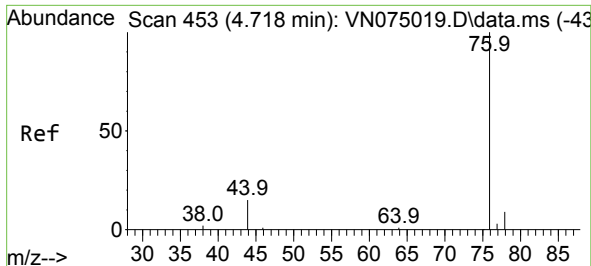
Tgt Ion: 53 Resp: 67619
Ion Ratio Lower Upper
53 100
52 80.9 66.4 99.6
51 36.3 29.6 44.4



#16
Acetone
Concen: 102.436 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 43 Resp: 57842
Ion Ratio Lower Upper
43 100
58 31.7 25.5 38.3

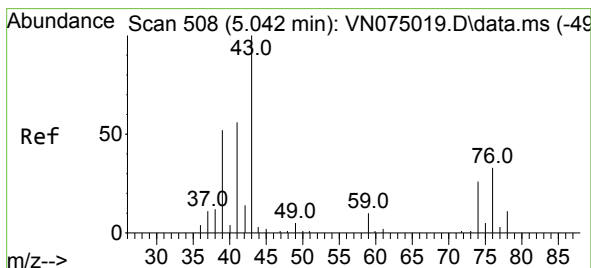
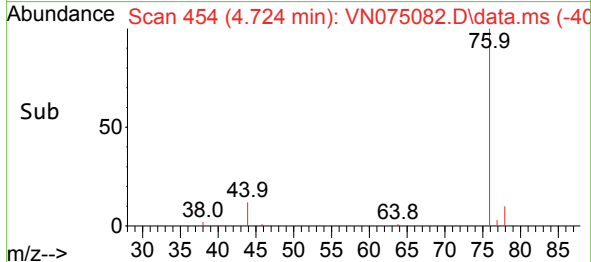
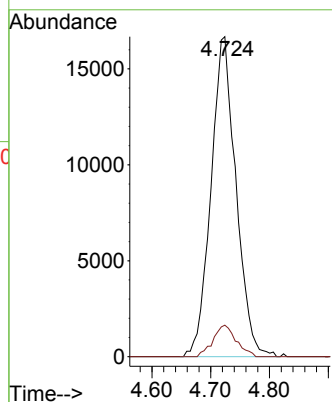
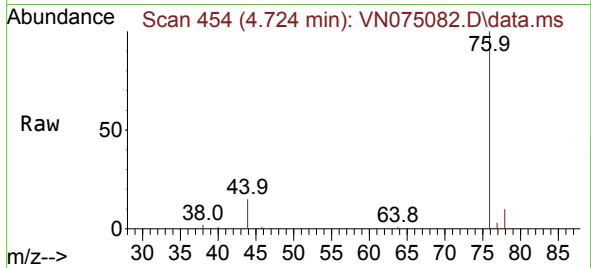




#17
Carbon Disulfide
Concen: 18.706 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

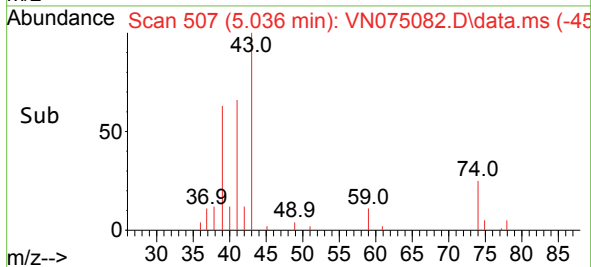
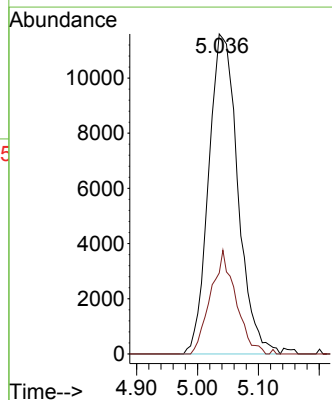
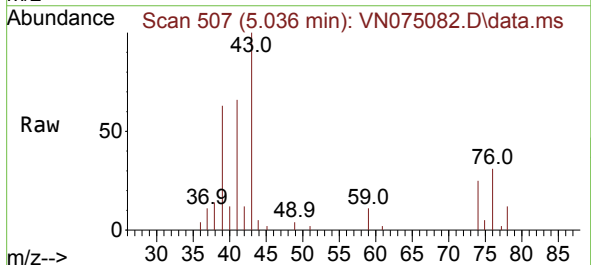
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

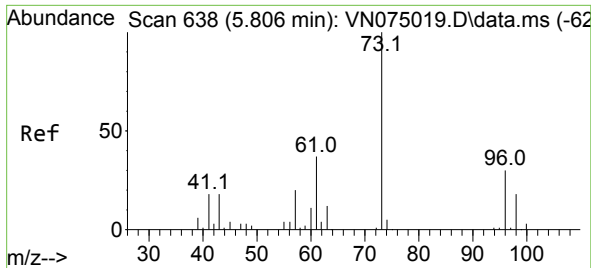
Tgt Ion: 76 Resp: 49353
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 20.972 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 43 Resp: 38683
Ion Ratio Lower Upper
43 100
74 28.0 22.0 33.0

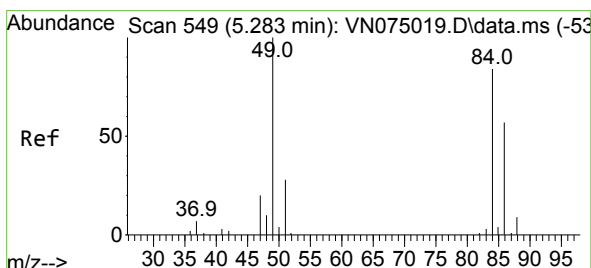
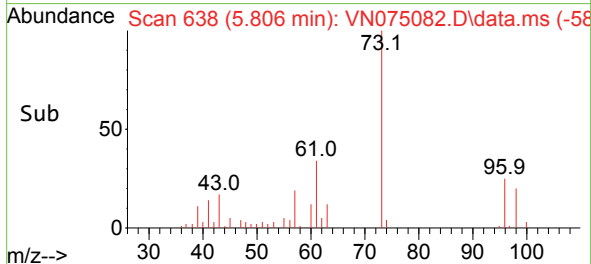
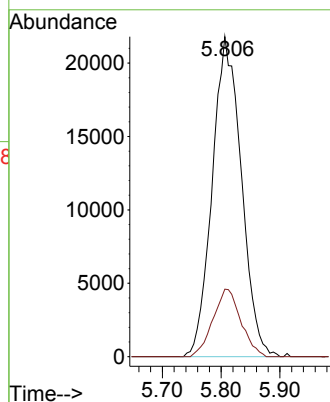
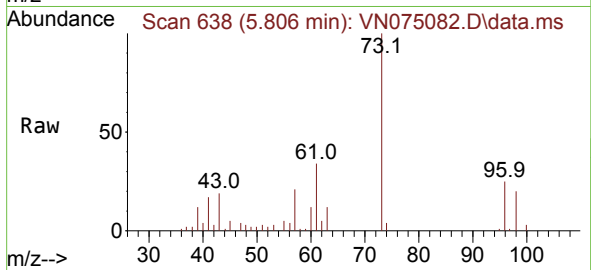




#19
Methyl tert-butyl Ether
Concen: 19.208 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

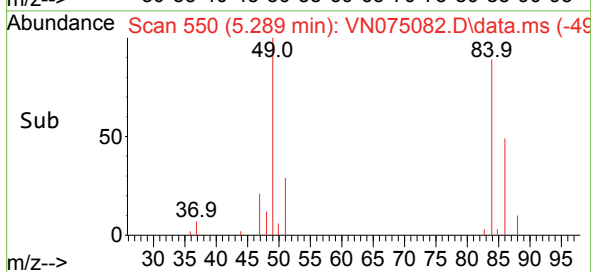
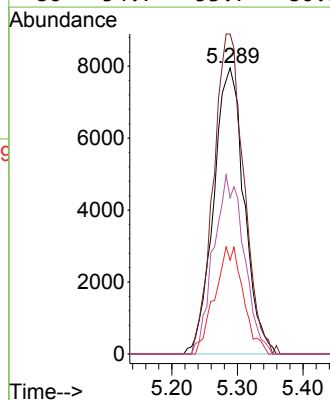
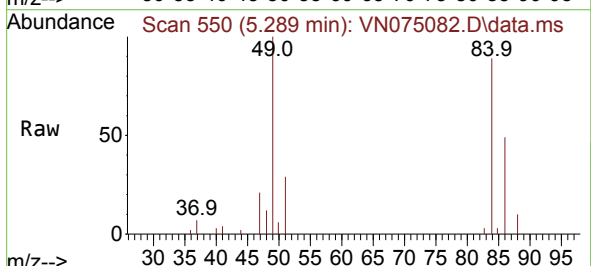
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

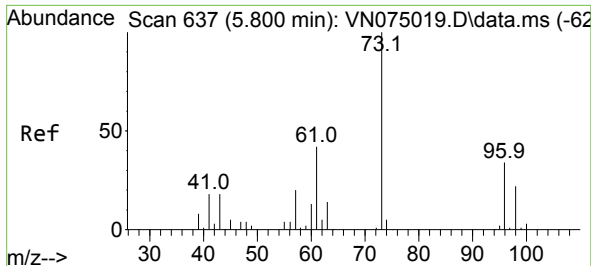
Tgt Ion: 73 Resp: 74902
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5



#20
Methylene Chloride
Concen: 20.431 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 84 Resp: 25723
Ion Ratio Lower Upper
84 100
49 111.9 94.9 142.3
51 32.8 26.8 40.2
86 54.7 53.7 80.5

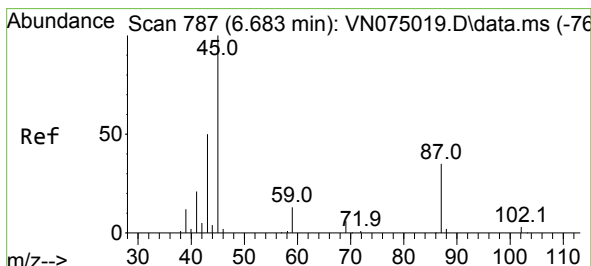
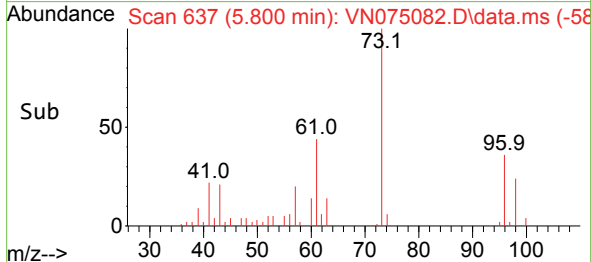
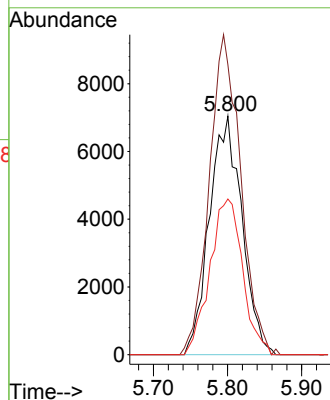
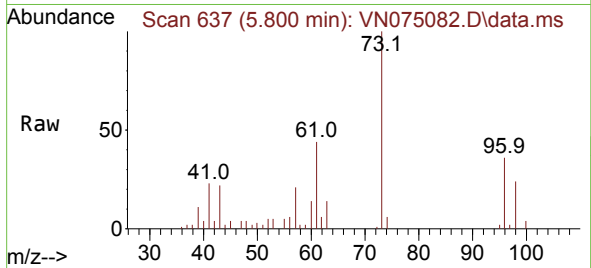




#21
trans-1,2-Dichloroethene
Concen: 18.683 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

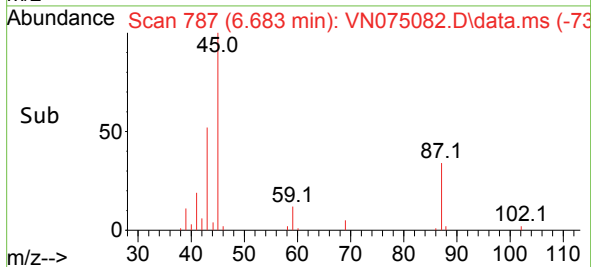
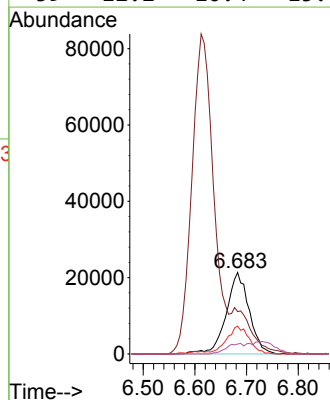
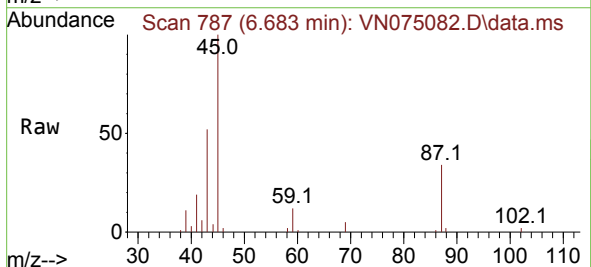
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

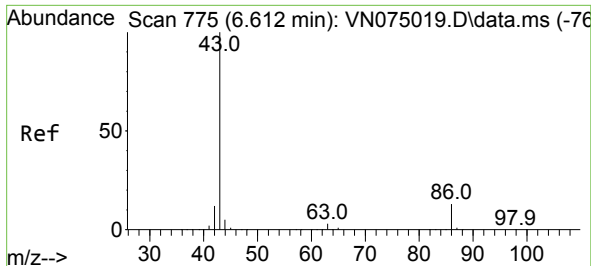
Tgt Ion: 96 Resp: 21462
Ion Ratio Lower Upper
96 100
61 121.6 99.9 149.9
98 65.3 51.5 77.3



#22
Diisopropyl ether
Concen: 19.419 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 45 Resp: 65665
Ion Ratio Lower Upper
45 100
43 48.9 42.8 64.2
87 34.2 28.4 42.6
59 12.2 10.4 15.6

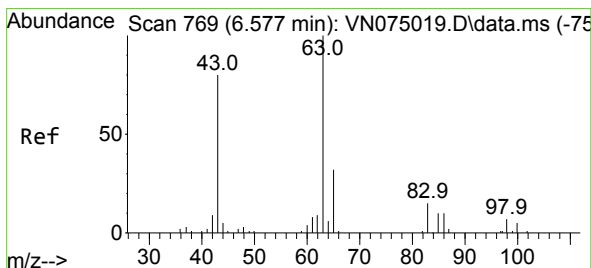
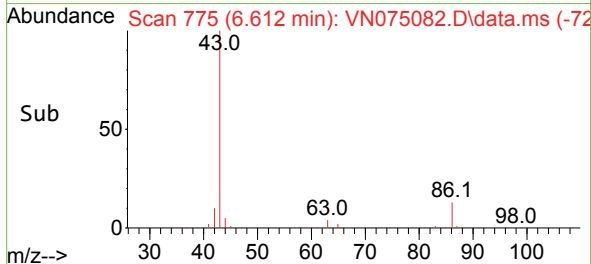
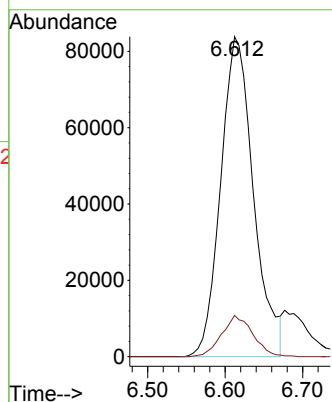
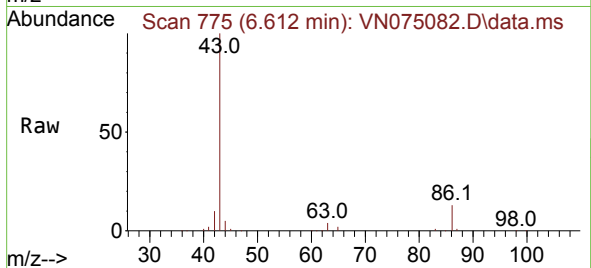




#23
 Vinyl Acetate
 Concen: 87.479 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075082.D
 Acq: 31 Oct 2022 13:22

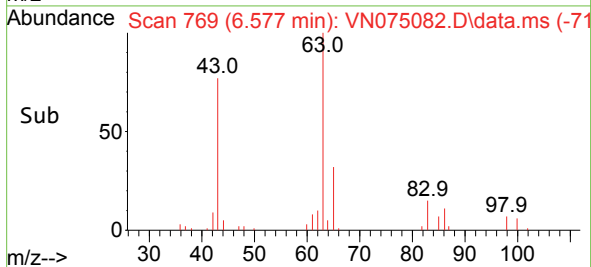
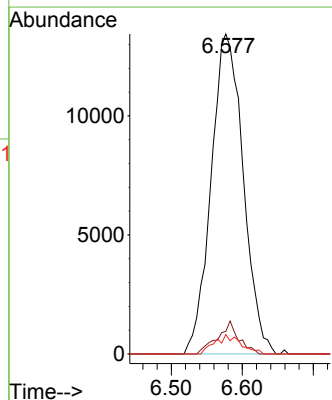
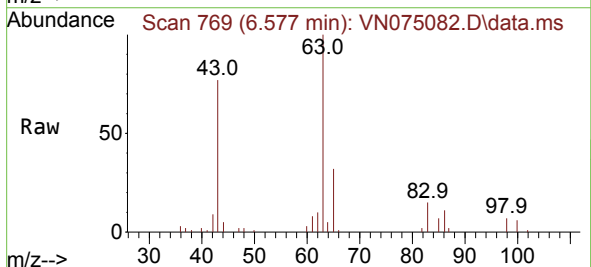
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

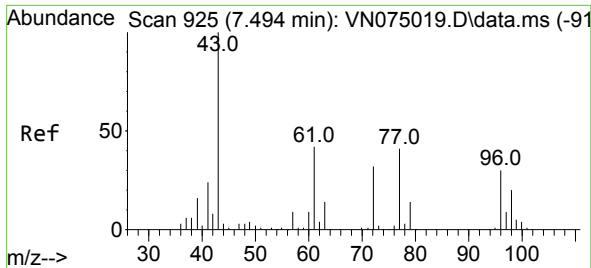
Tgt Ion: 43 Resp: 247021
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 19.745 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075082.D
 Acq: 31 Oct 2022 13:22

Tgt Ion: 63 Resp: 42229
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 6.1 2.4 7.2

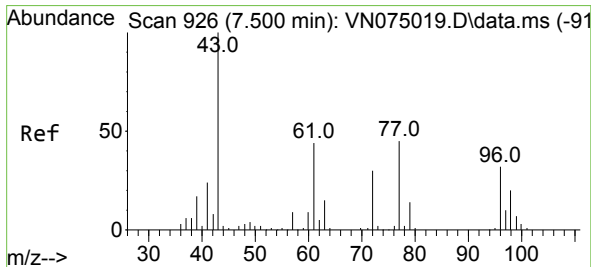
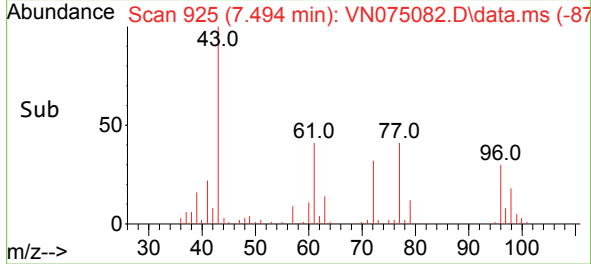
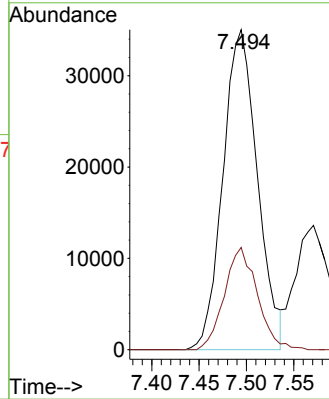
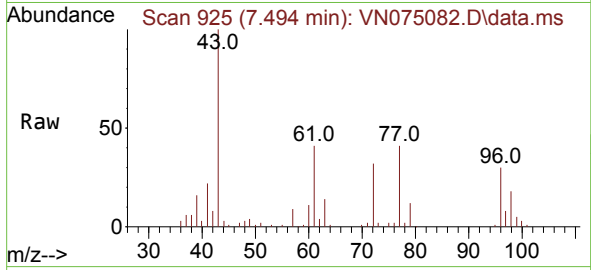




#25
2-Butanone
Concen: 99.854 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

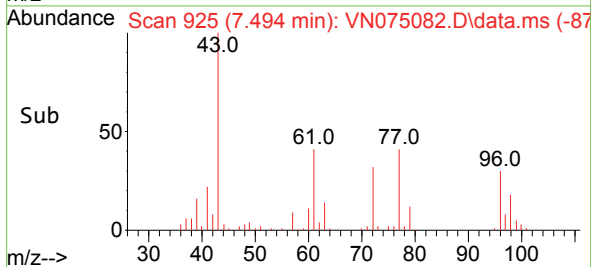
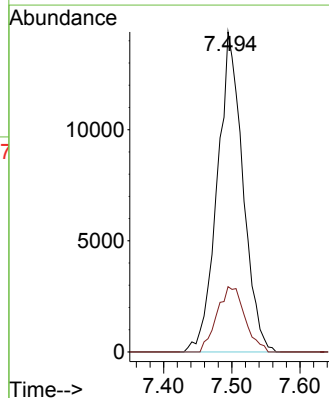
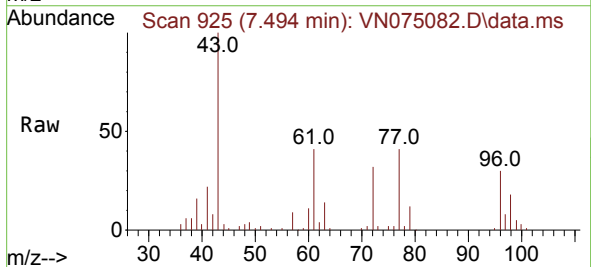
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

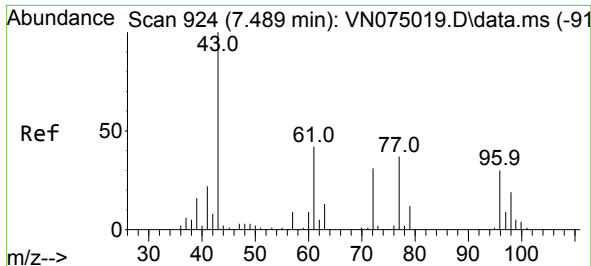
Tgt Ion: 43 Resp: 88687
Ion Ratio Lower Upper
43 100
72 32.0 25.5 38.3



#26
2,2-Dichloropropane
Concen: 19.093 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 77 Resp: 37565
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.793 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

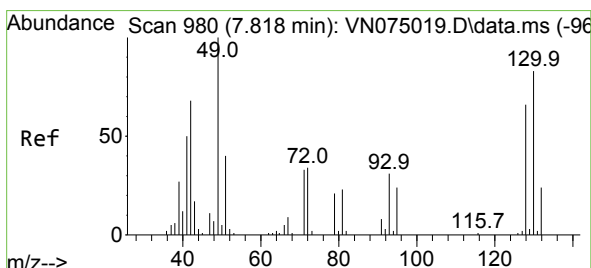
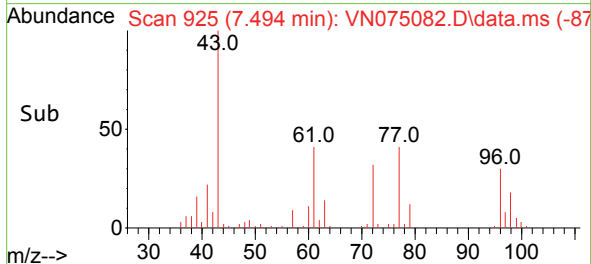
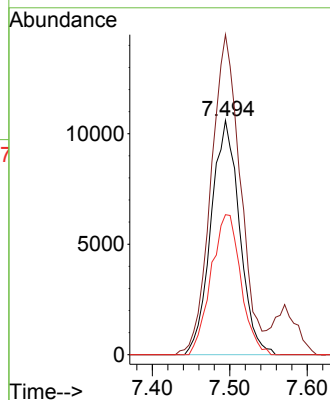
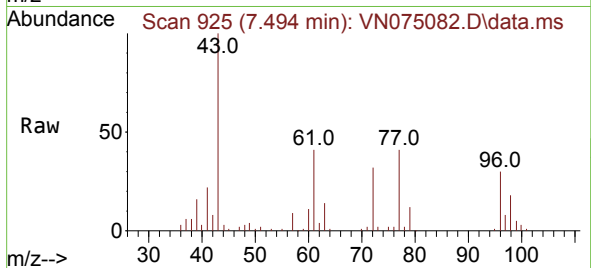
Tgt Ion: 96 Resp: 27153

Ion Ratio Lower Upper

96 100

61 141.0 0.0 278.8

98 62.3 0.0 128.4



#28

Bromochloromethane

Concen: 19.531 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

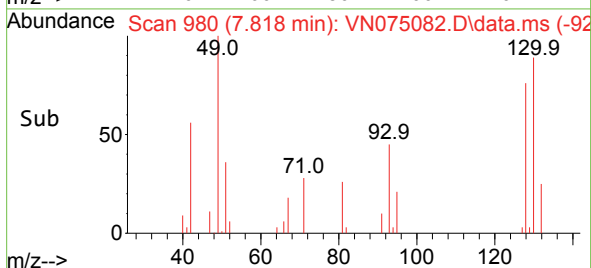
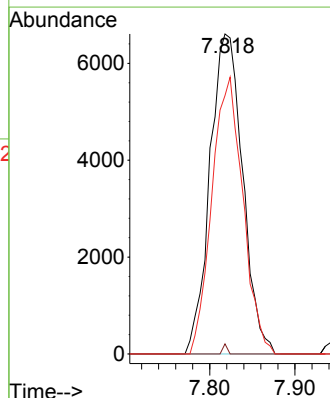
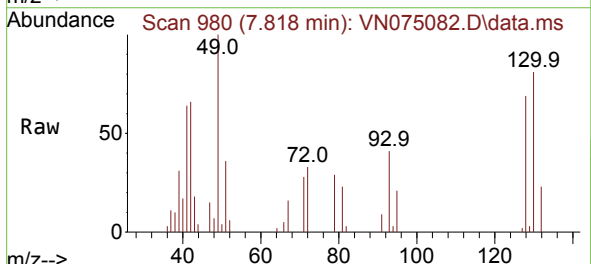
Tgt Ion: 49 Resp: 17608

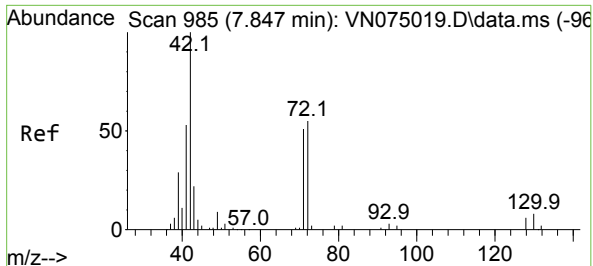
Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.6

130 82.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 100.153 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

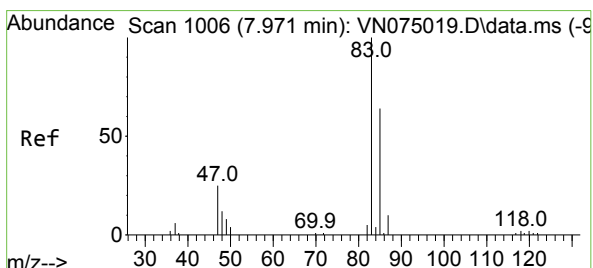
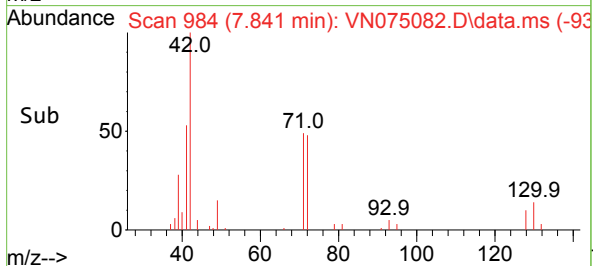
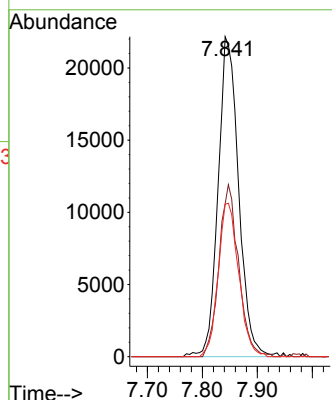
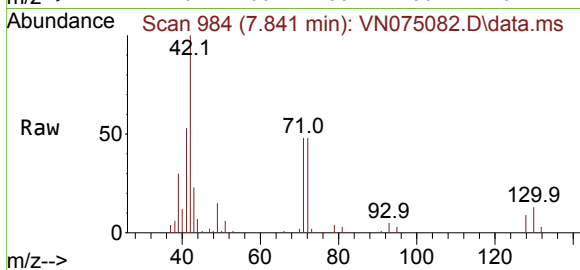
Tgt Ion: 42 Resp: 57480

Ion Ratio Lower Upper

42 100

72 51.4 43.0 64.6

71 48.0 39.9 59.9



#30

Chloroform

Concen: 19.834 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075082.D

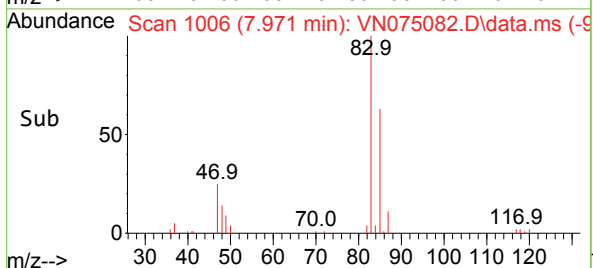
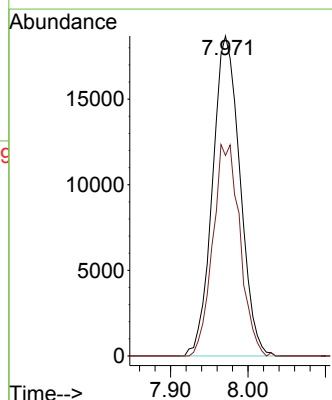
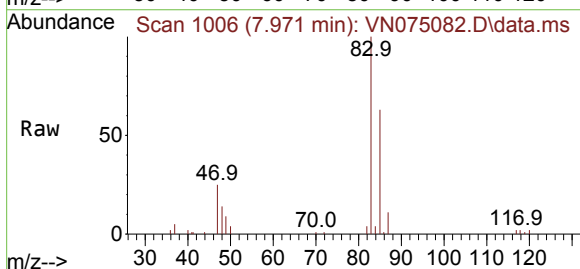
Acq: 31 Oct 2022 13:22

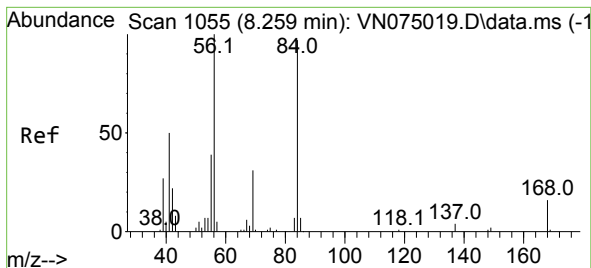
Tgt Ion: 83 Resp: 46056

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.0





#31

Cyclohexane

Concen: 19.037 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

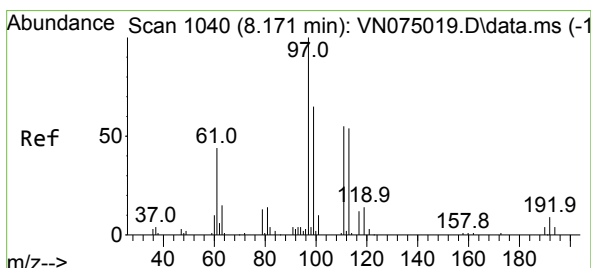
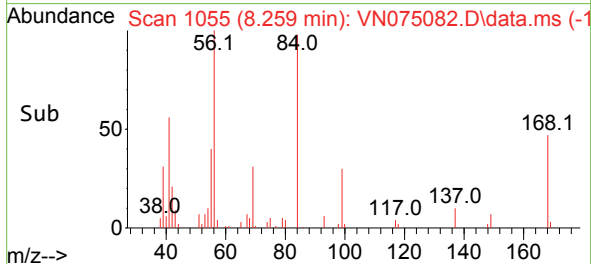
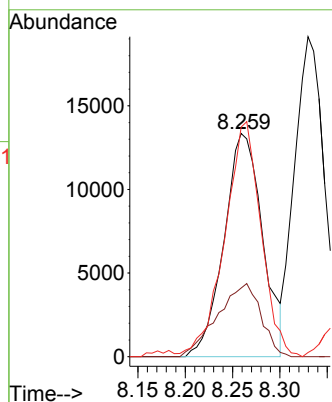
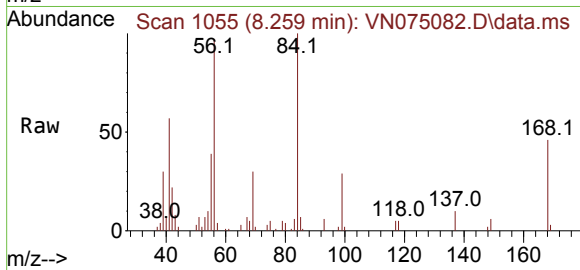
Tgt Ion: 56 Resp: 37758

Ion Ratio Lower Upper

56 100

69 30.7 25.2 37.8

84 101.5 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 19.310 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

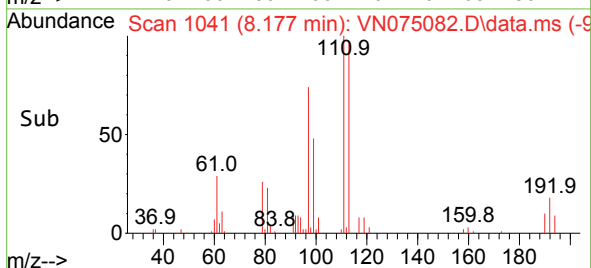
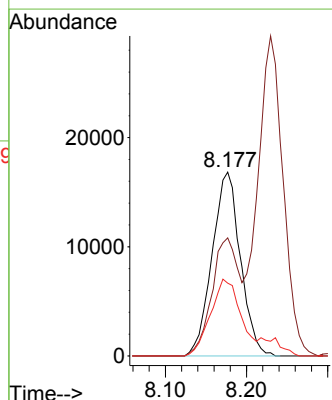
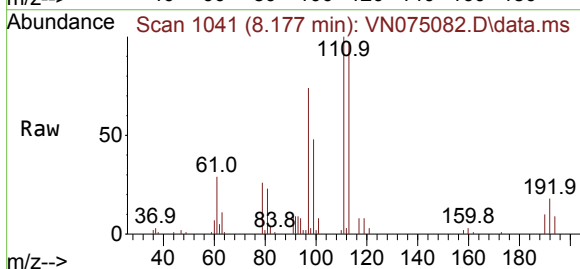
Tgt Ion: 97 Resp: 40718

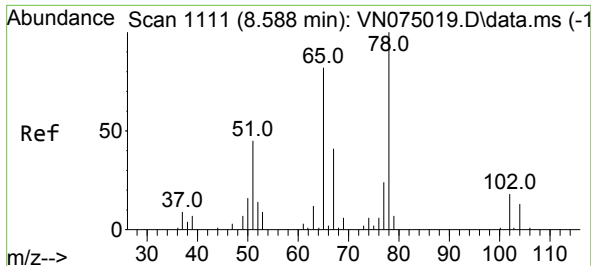
Ion Ratio Lower Upper

97 100

99 61.3 50.2 75.2

61 51.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.493 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

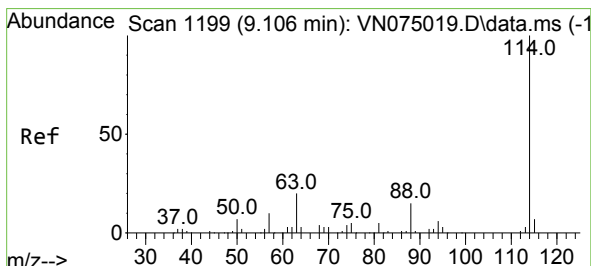
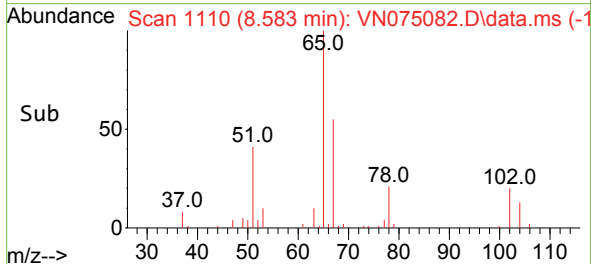
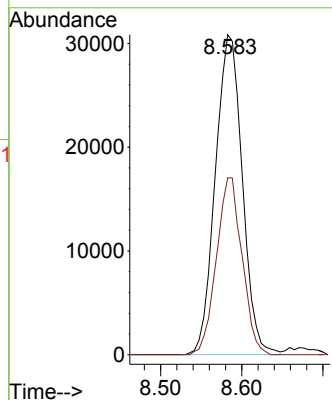
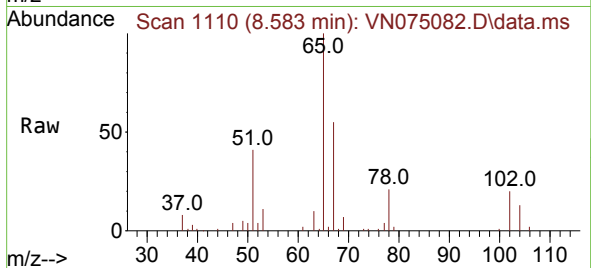
VN1031WBSD01

Tgt Ion: 65 Resp: 71337

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

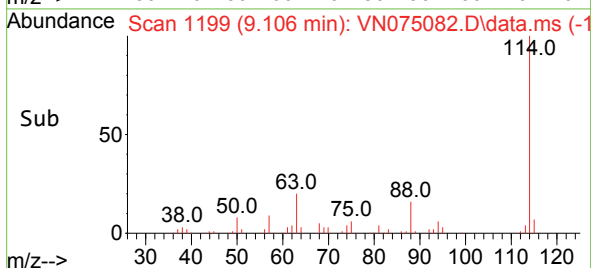
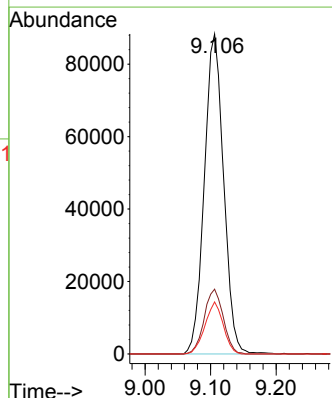
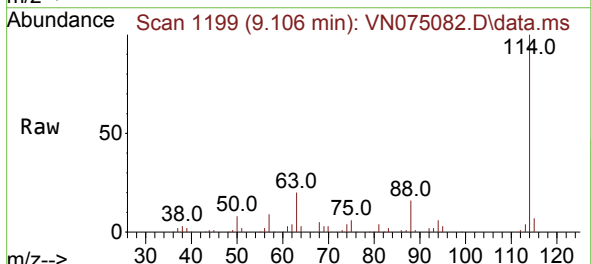
Tgt Ion:114 Resp: 180669

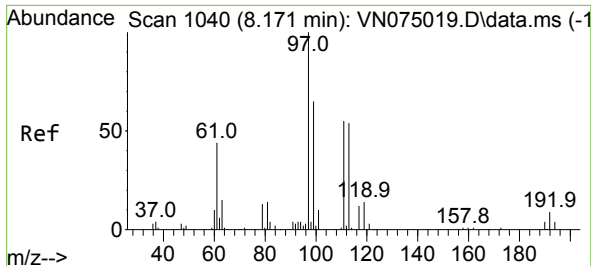
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 16.3 0.0 29.0

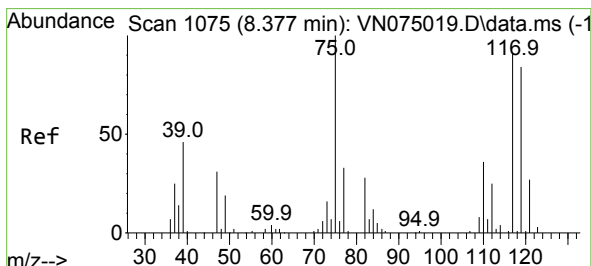
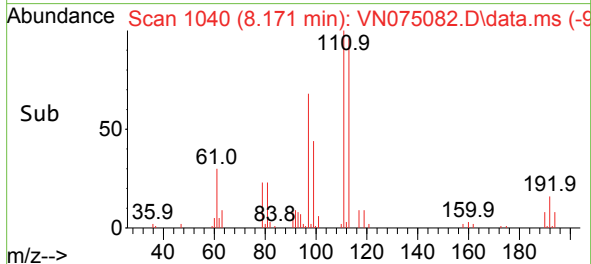
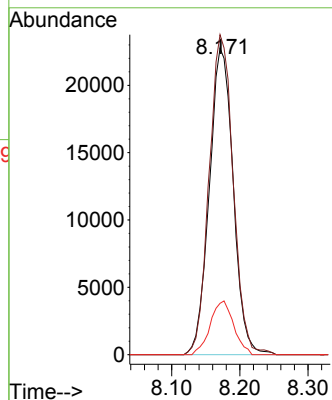
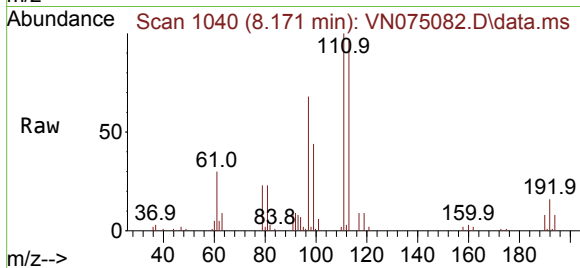




#35
Dibromofluoromethane
Concen: 52.317 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

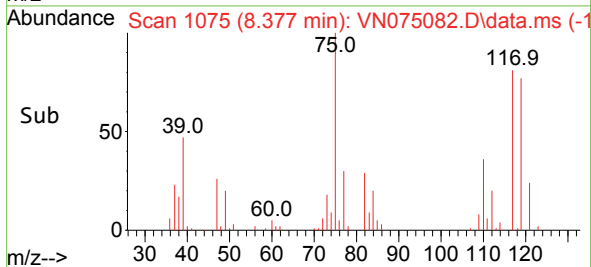
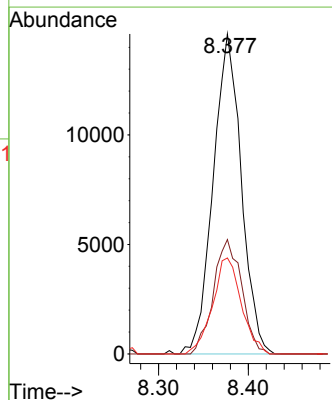
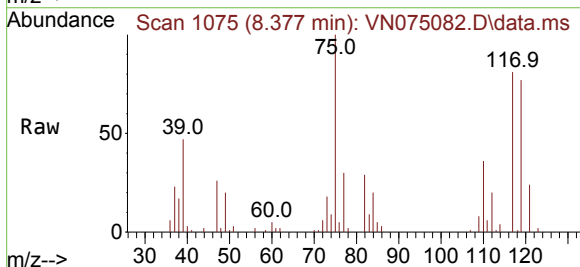
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

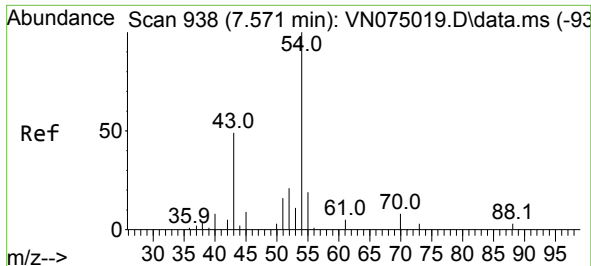
Tgt Ion:113 Resp: 55488
Ion Ratio Lower Upper
113 100
111 104.9 80.5 120.7
192 17.2 13.2 19.8



#36
1,1-Dichloropropene
Concen: 19.368 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 75 Resp: 31802
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 30.7 24.6 37.0

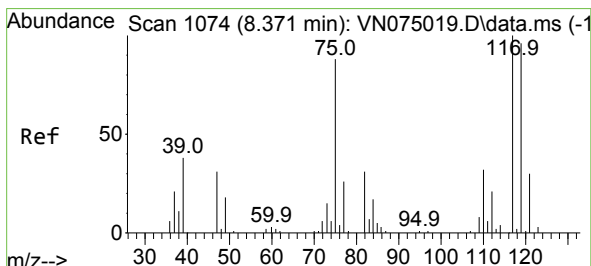
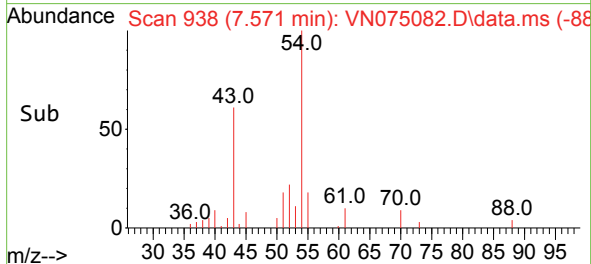
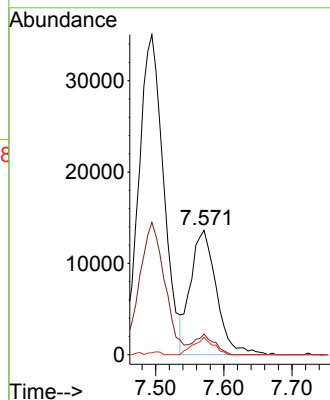
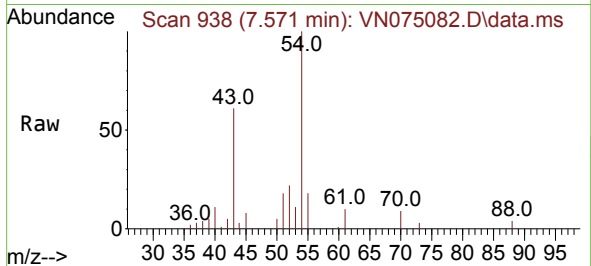




#37
Ethyl Acetate
Concen: 19.973 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

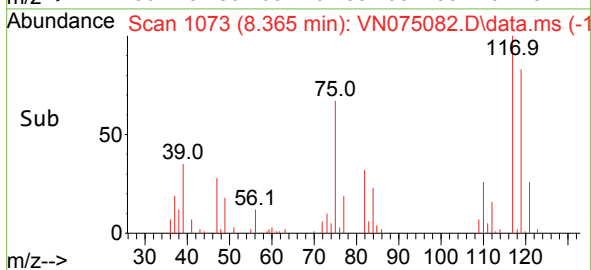
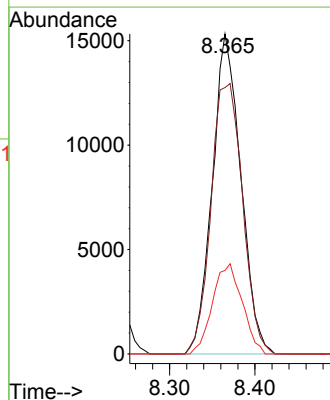
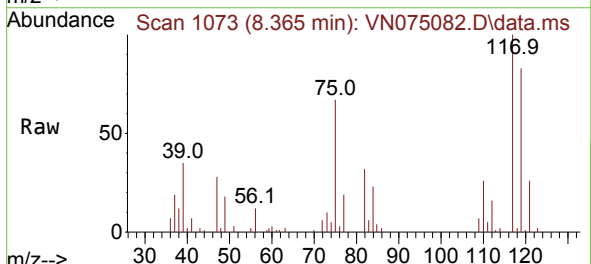
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

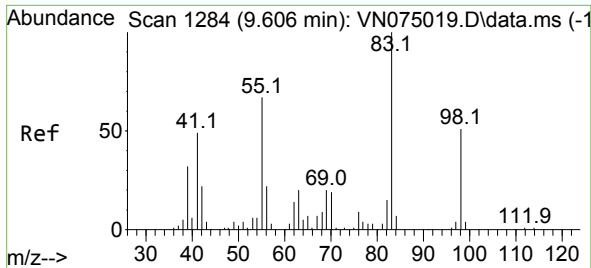
Tgt Ion:	43	Resp:	35966
Ion	Ratio	Lower	Upper
43	100		
61	12.5	12.2	18.4
70	10.7	9.4	14.2



#38
Carbon Tetrachloride
Concen: 19.697 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:	117	Resp:	35578
Ion	Ratio	Lower	Upper
117	100		
119	83.3	76.7	115.1
121	26.1	23.9	35.9

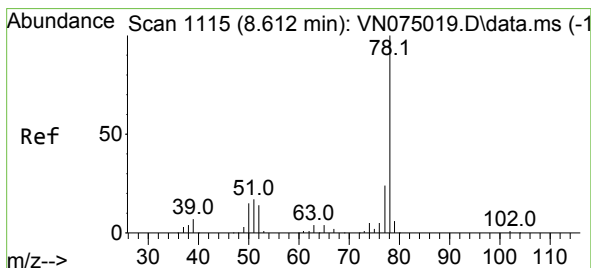
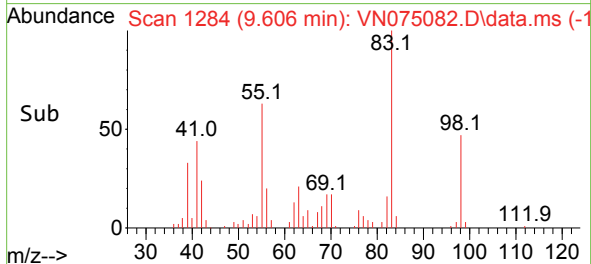
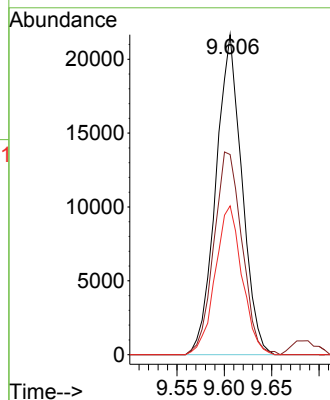
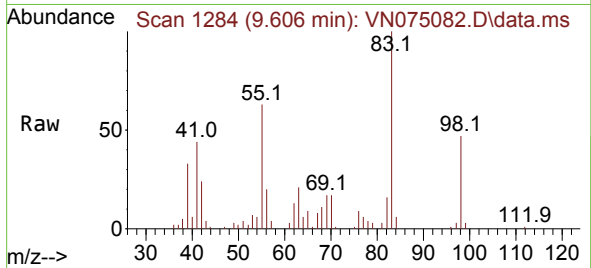




#39
Methylcyclohexane
Concen: 19.099 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

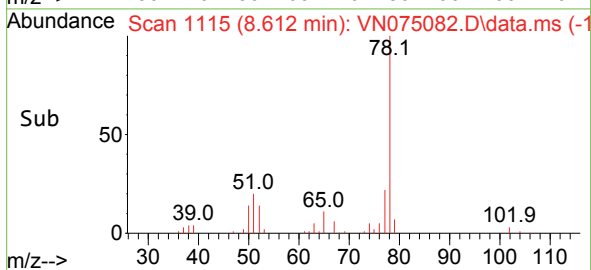
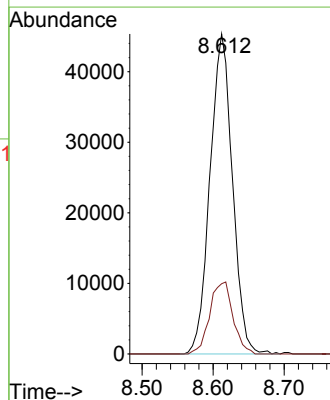
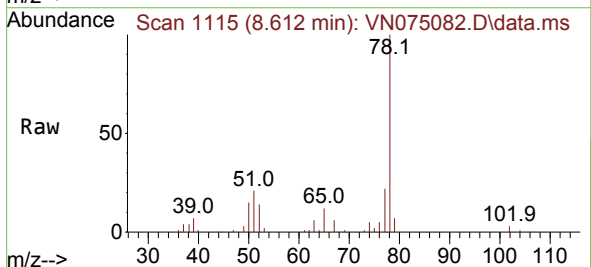
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

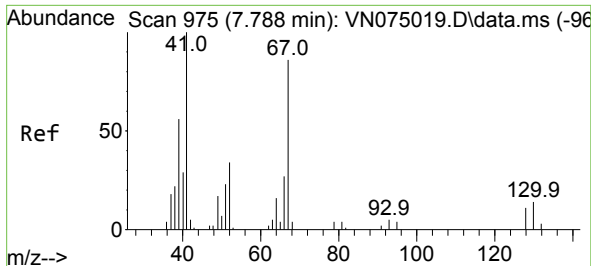
Tgt Ion: 83 Resp: 41401
Ion Ratio Lower Upper
83 100
55 62.6 53.6 80.4
98 46.5 41.1 61.7



#40
Benzene
Concen: 19.785 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 78 Resp: 99470
Ion Ratio Lower Upper
78 100
77 22.0 19.4 29.0

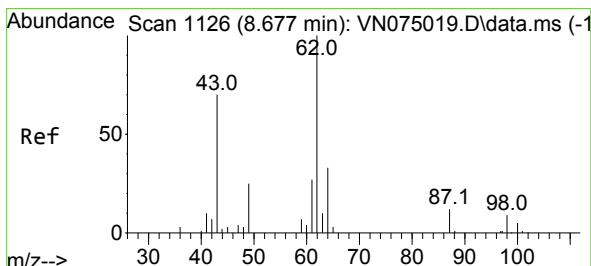
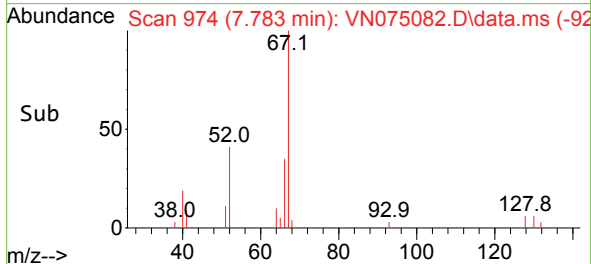
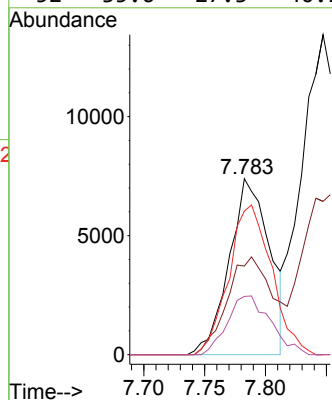
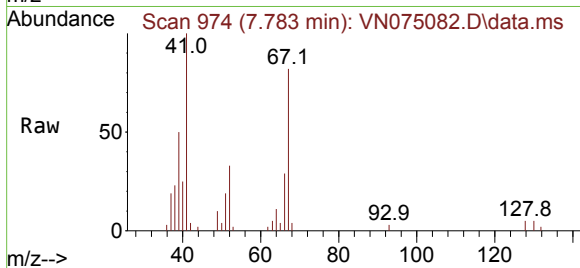




#41
Methacrylonitrile
Concen: 19.751 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

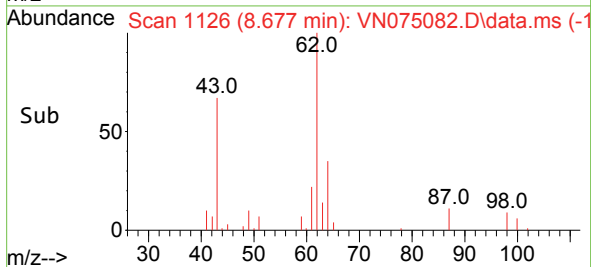
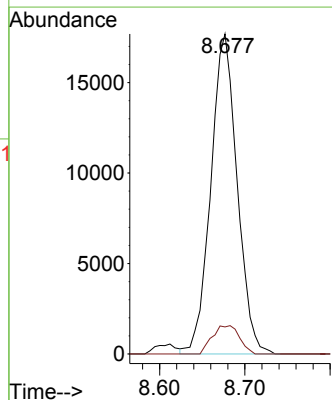
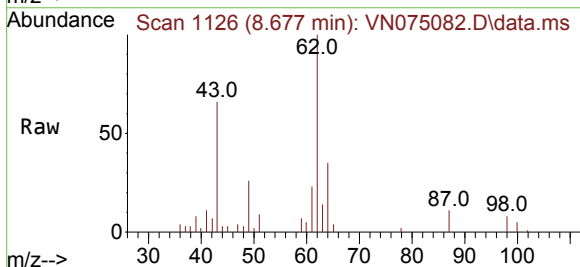
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

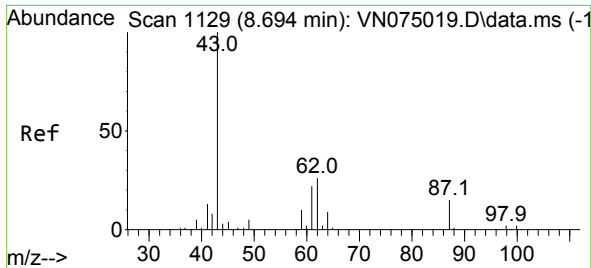
Tgt Ion: 41	Resp: 17040
Ion Ratio	Lower Upper
41 100	
39 64.8	44.4 66.6
67 90.3	69.8 104.6
52 35.6	27.3 40.9



#42
1,2-Dichloroethane
Concen: 20.783 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 62	Resp: 38016
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.2

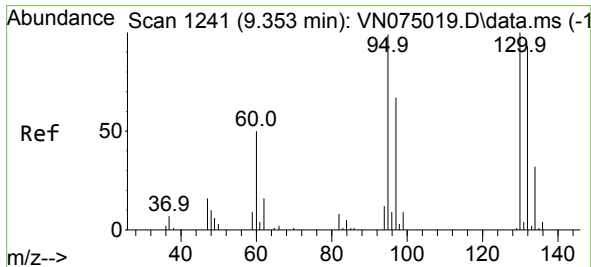
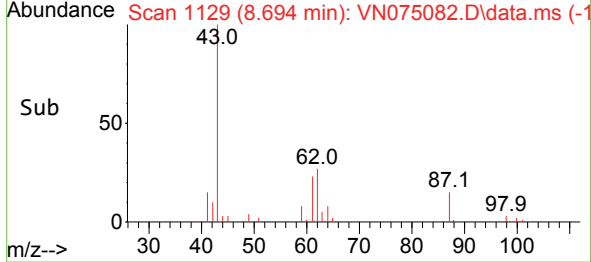
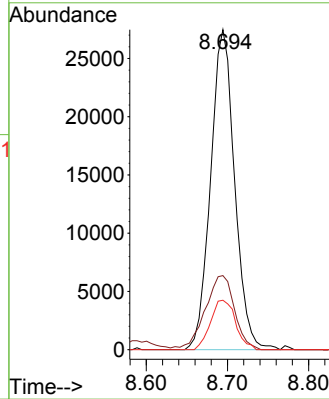
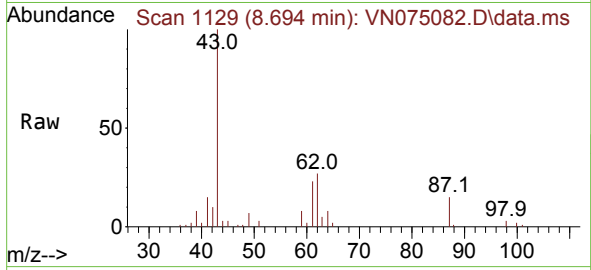




#43
Isopropyl Acetate
Concen: 20.222 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

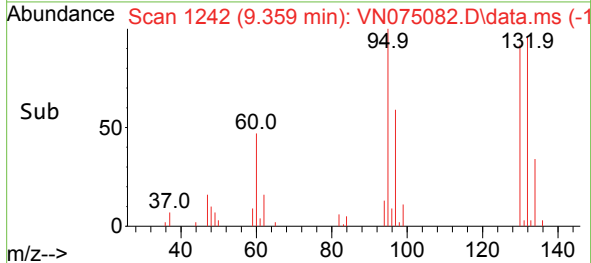
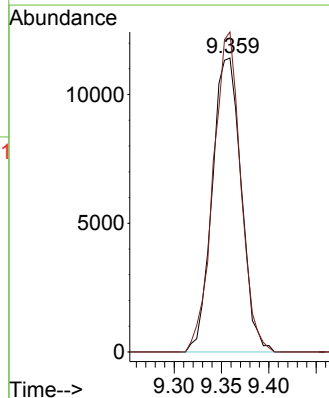
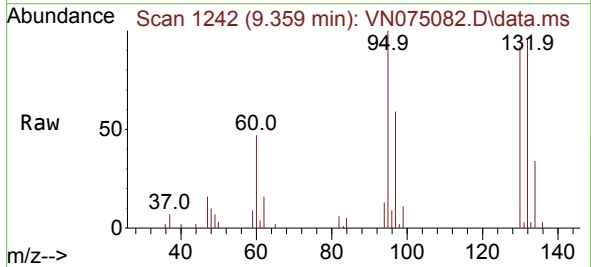
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

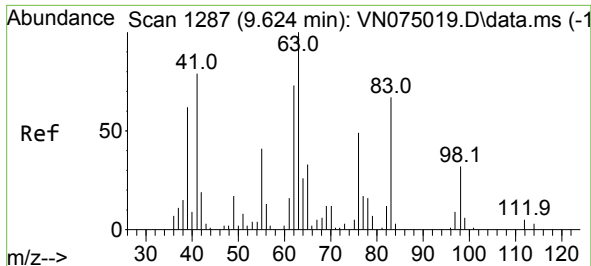
Tgt Ion:	43	Resp:	56485
Ion Ratio	Lower	Upper	
43	100		
61	28.3	22.4	33.6
87	16.1	12.5	18.7



#44
Trichloroethene
Concen: 19.290 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:	130	Resp:	24332
Ion Ratio	Lower	Upper	
130	100		
95	108.9	0.0	198.4





#45

1,2-Dichloropropane

Concen: 21.268 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

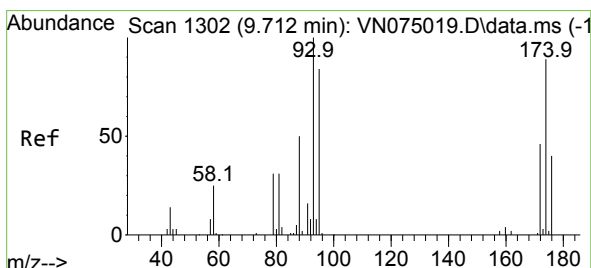
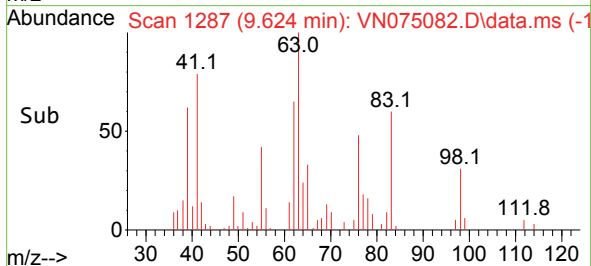
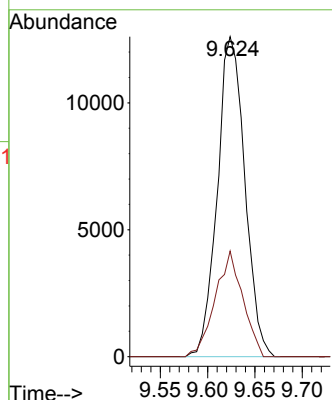
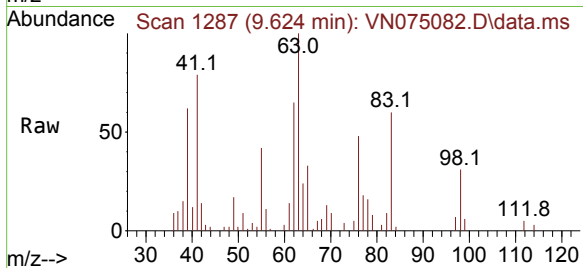
VN1031WBSD01

Tgt Ion: 63 Resp: 25447

Ion Ratio Lower Upper

63 100

65 33.0 26.1 39.1



#46

Dibromomethane

Concen: 19.638 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

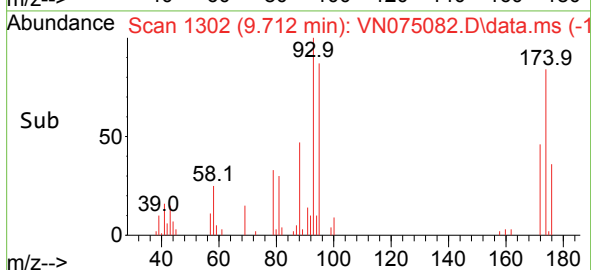
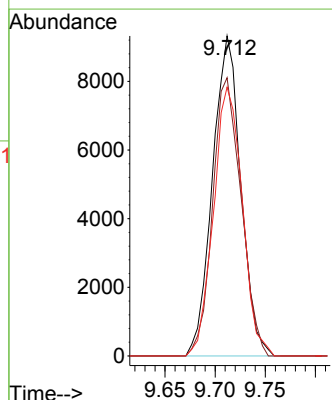
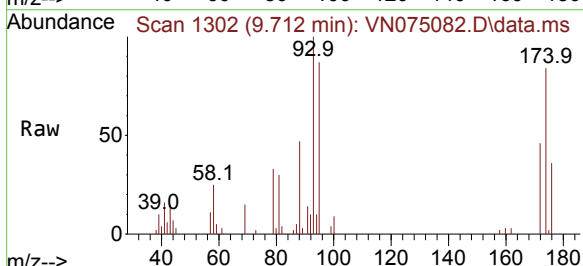
Tgt Ion: 93 Resp: 18306

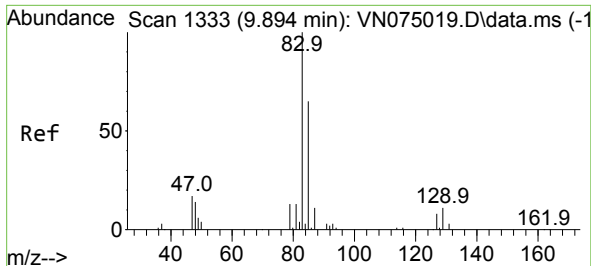
Ion Ratio Lower Upper

93 100

95 87.2 66.6 99.8

174 85.6 70.3 105.5





#47

Bromodichloromethane

Concen: 20.229 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

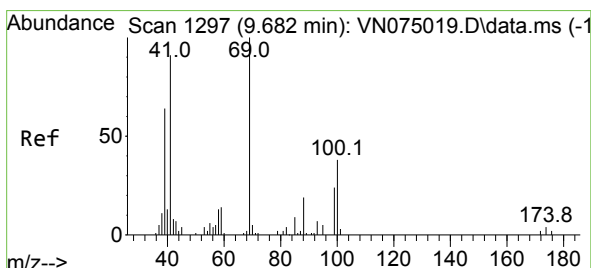
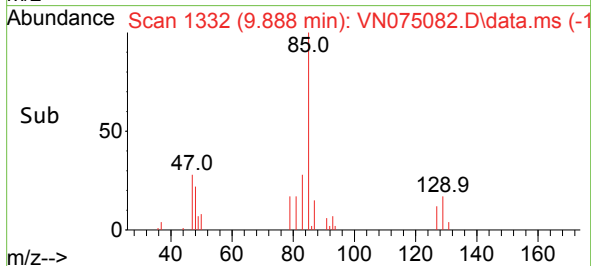
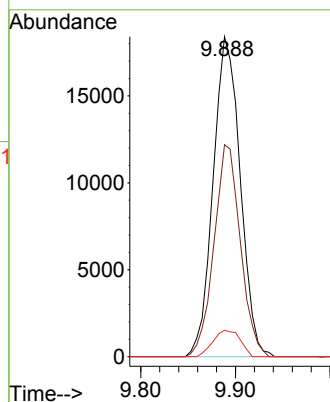
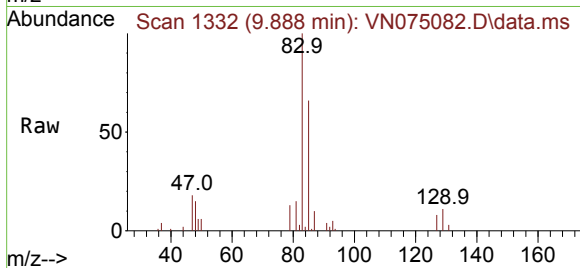
Tgt Ion: 83 Resp: 36516

Ion Ratio Lower Upper

83 100

85 66.2 52.1 78.1

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 20.112 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

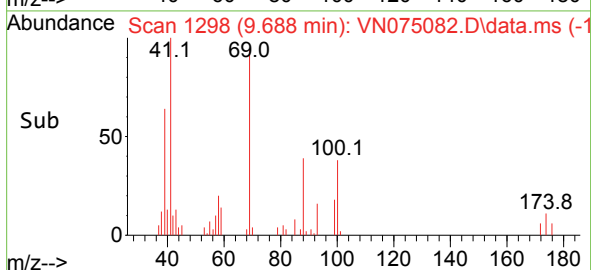
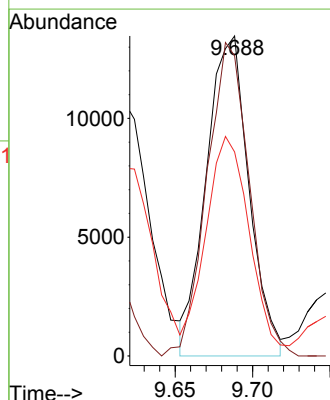
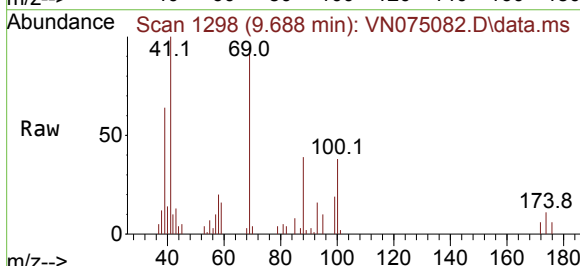
Tgt Ion: 41 Resp: 25769

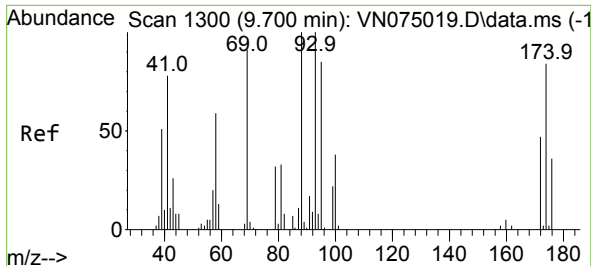
Ion Ratio Lower Upper

41 100

69 97.6 80.2 120.2

39 70.8 56.2 84.2





#49

1,4-Dioxane

Concen: 397.588 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

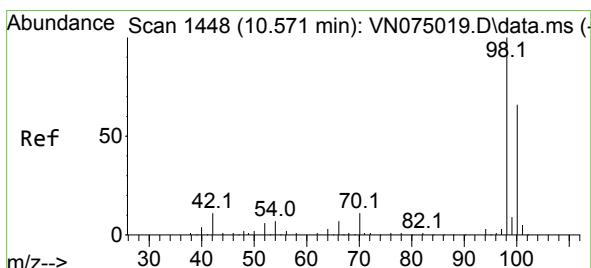
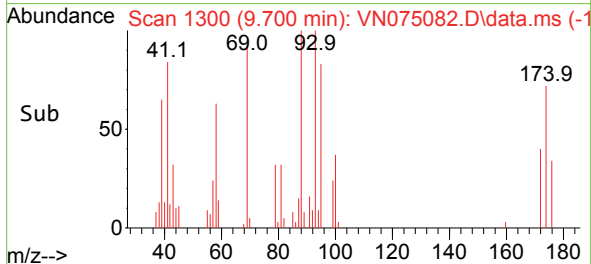
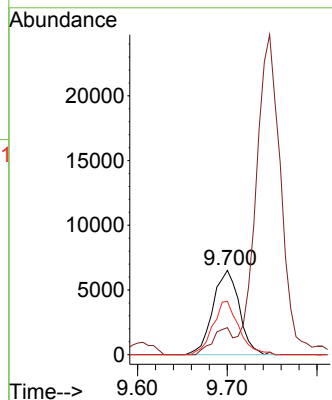
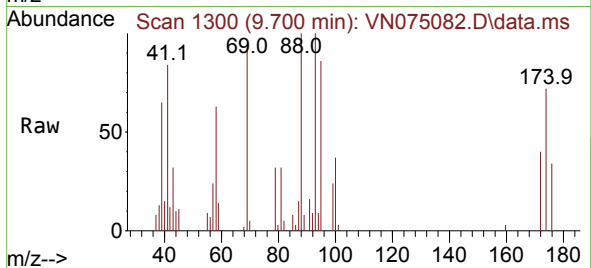
Tgt Ion: 88 Resp: 13340

Ion Ratio Lower Upper

88 100

43 23.7 17.5 26.3

58 62.2 49.8 74.8



#50

Toluene-d8

Concen: 53.448 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075082.D

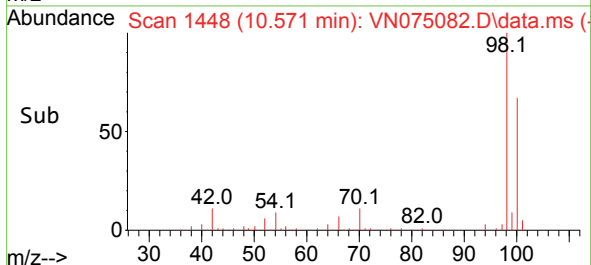
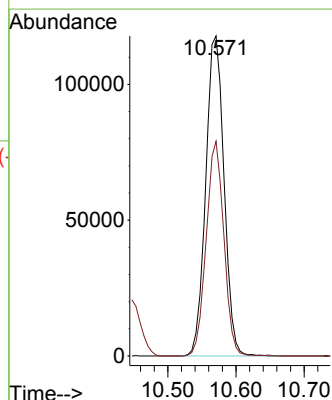
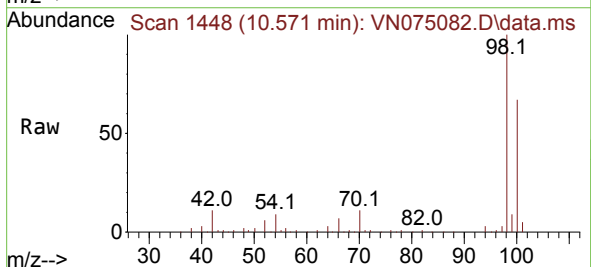
Acq: 31 Oct 2022 13:22

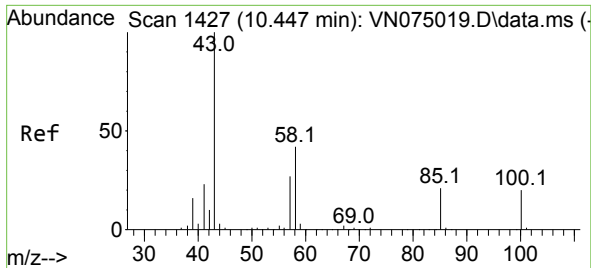
Tgt Ion: 98 Resp: 219935

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6

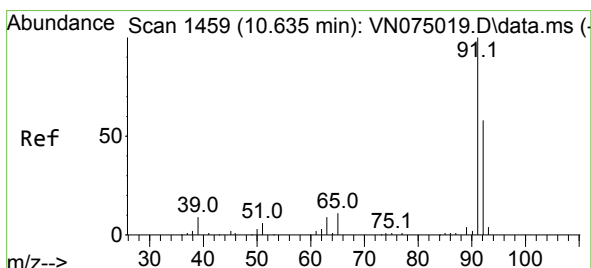
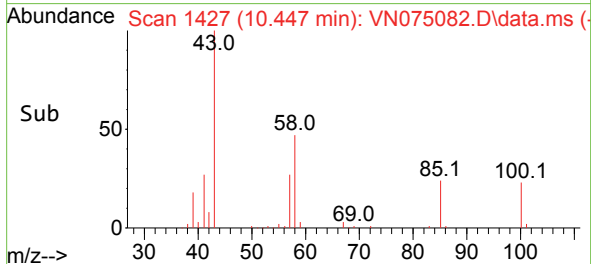
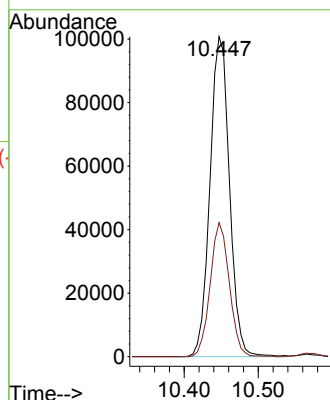
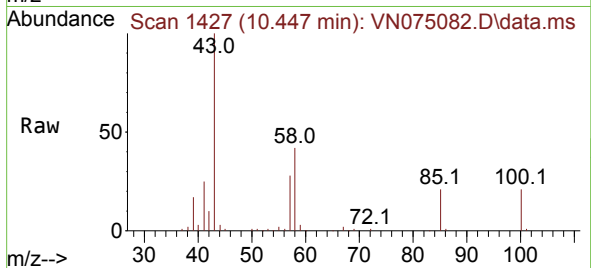




#51
4-Methyl-2-Pentanone
Concen: 102.279 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

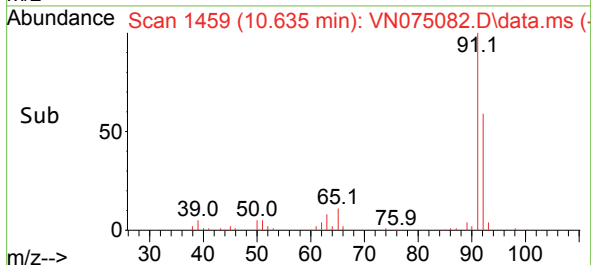
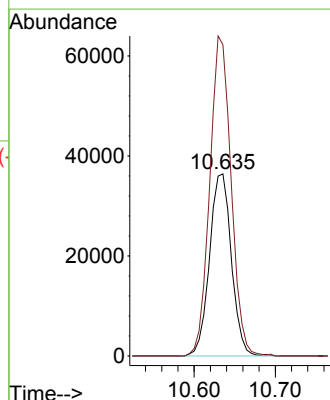
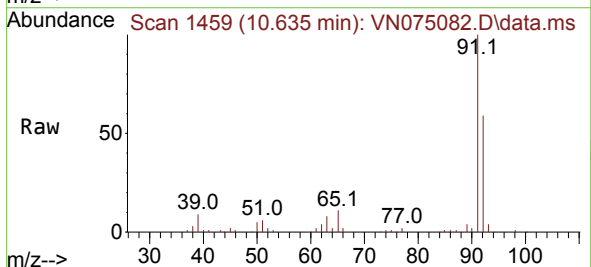
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

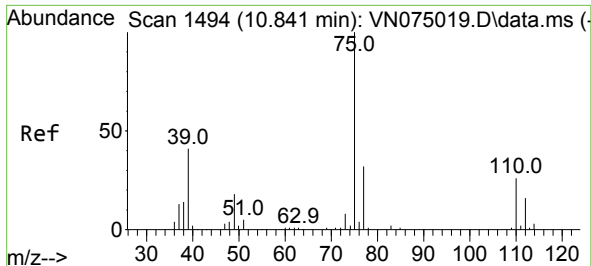
Tgt Ion: 43 Resp: 184357
Ion Ratio Lower Upper
43 100
58 41.2 33.6 50.4



#52
Toluene
Concen: 20.268 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 92 Resp: 68118
Ion Ratio Lower Upper
92 100
91 171.6 135.4 203.2

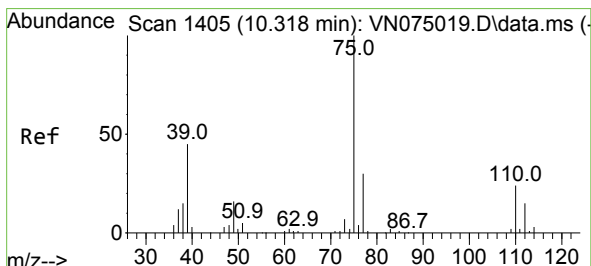
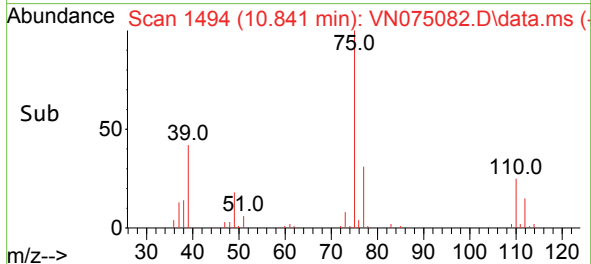
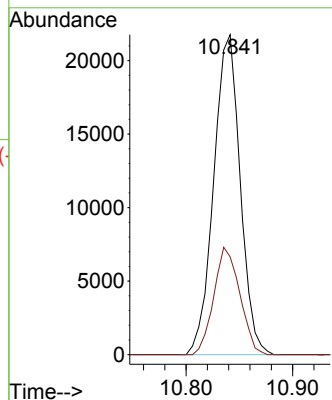
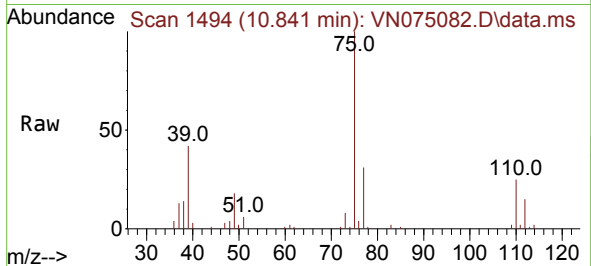




#53
 t-1,3-Dichloropropene
 Concen: 19.703 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VN075082.D
 Acq: 31 Oct 2022 13:22

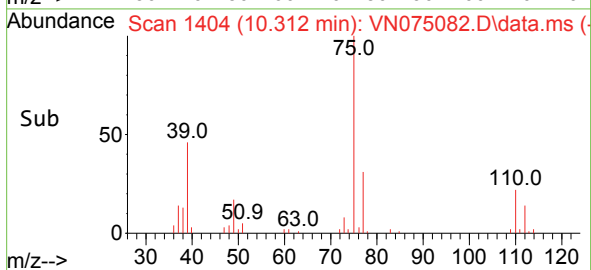
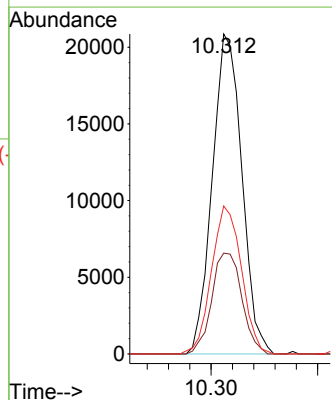
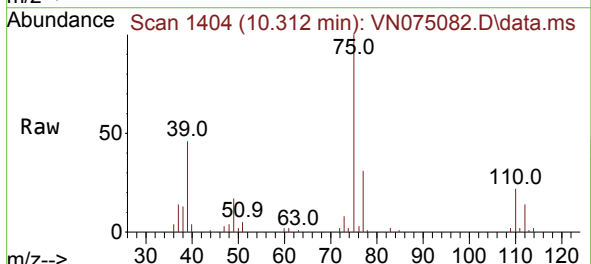
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

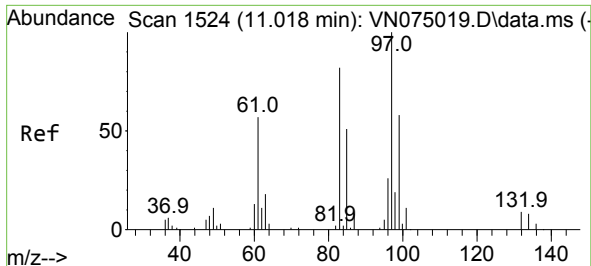
Tgt Ion: 75 Resp: 37541
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.872 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075082.D
 Acq: 31 Oct 2022 13:22

Tgt Ion: 75 Resp: 40159
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.7 35.5
 39 46.3 35.8 53.6

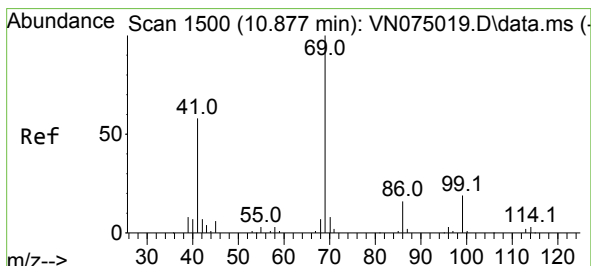
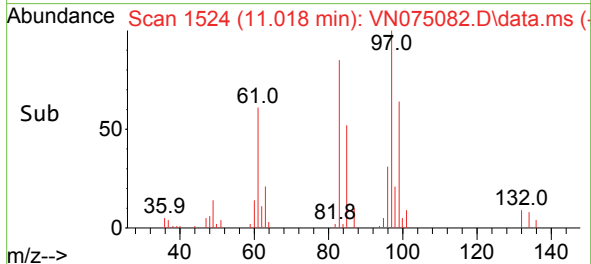
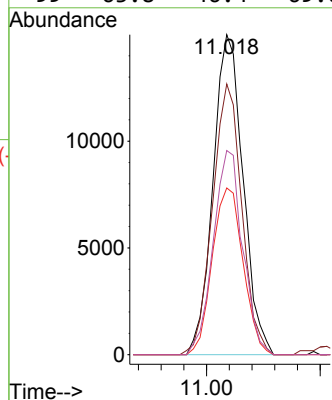
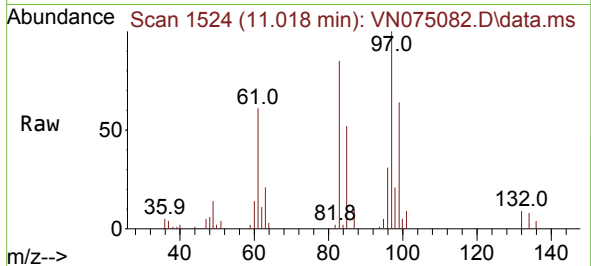




#55
1,1,2-Trichloroethane
Concen: 20.588 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

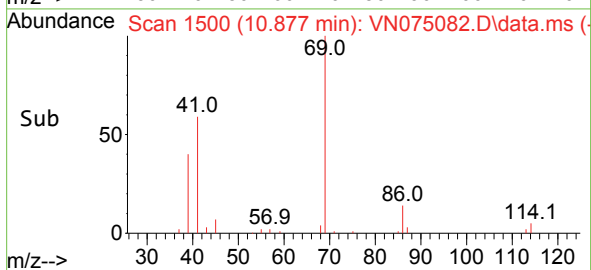
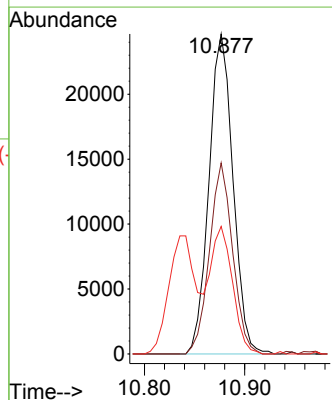
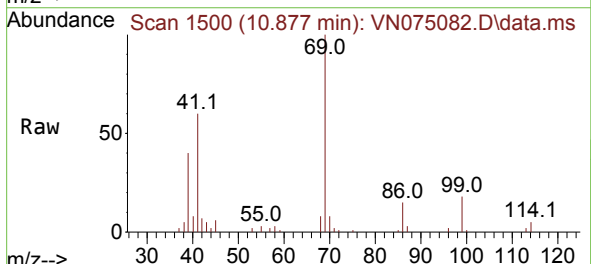
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

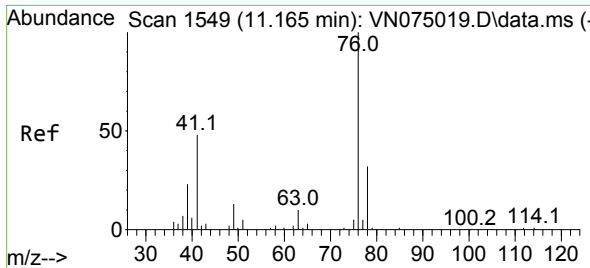
Tgt Ion:	97	Resp:	27436
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.9	98.9
85	52.1	40.4	60.6
99	63.8	46.4	69.6



#56
Ethyl methacrylate
Concen: 20.148 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:	69	Resp:	40954
Ion	Ratio	Lower	Upper
69	100		
41	57.6	45.6	68.4
39	36.2	28.5	42.7

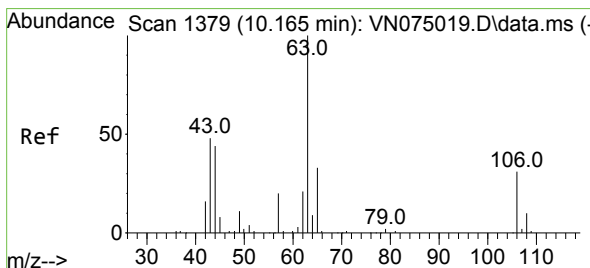
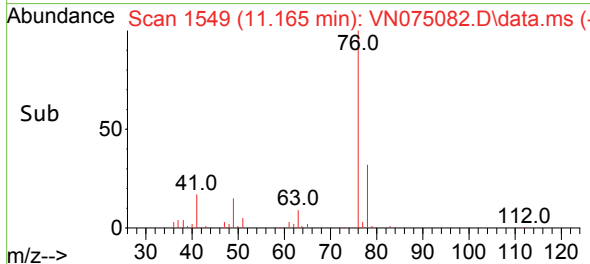
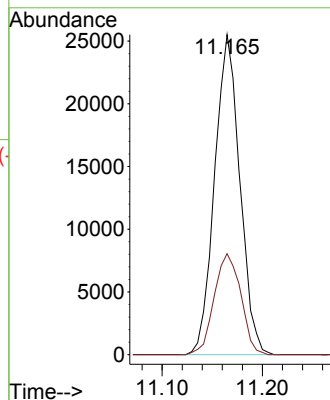
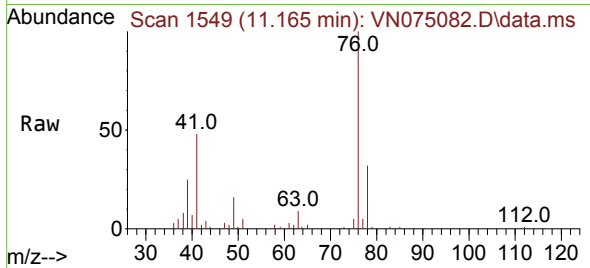




#57
1,3-Dichloropropane
Concen: 20.089 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

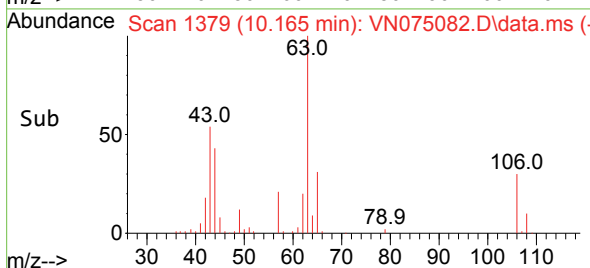
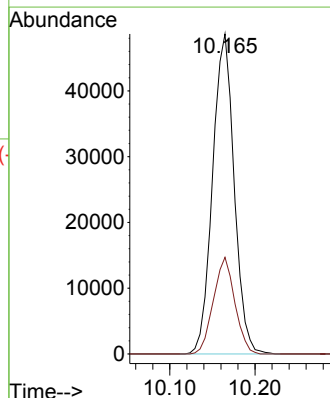
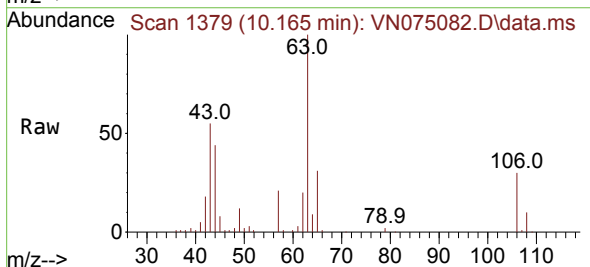
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

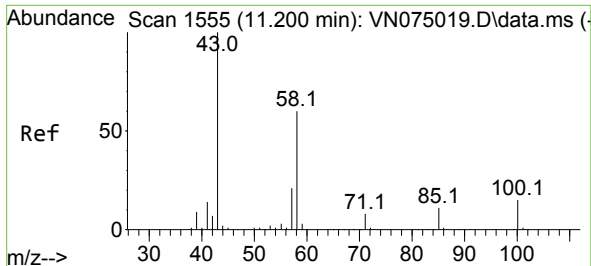
Tgt Ion: 76 Resp: 44582
Ion Ratio Lower Upper
76 100
78 33.3 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 108.831 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 63 Resp: 85524
Ion Ratio Lower Upper
63 100
106 30.0 24.8 37.2

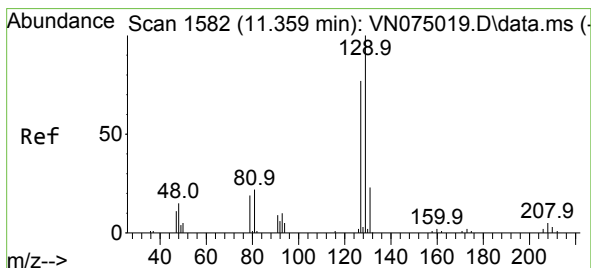
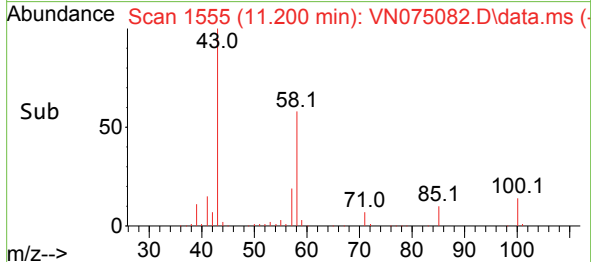
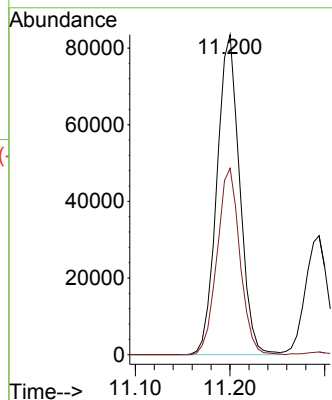
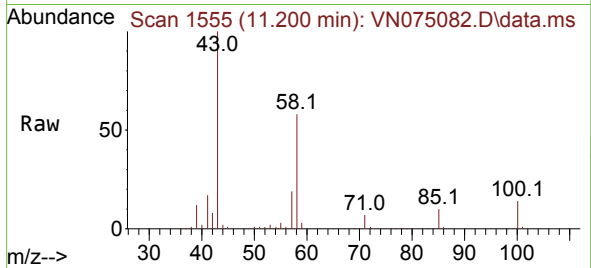




#59
2-Hexanone
Concen: 101.744 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

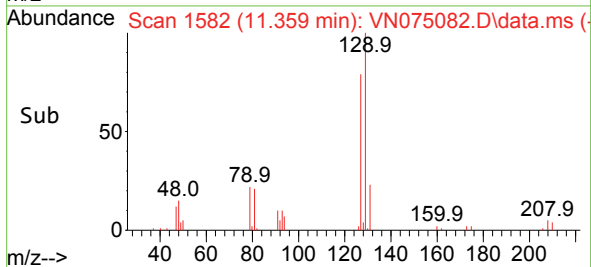
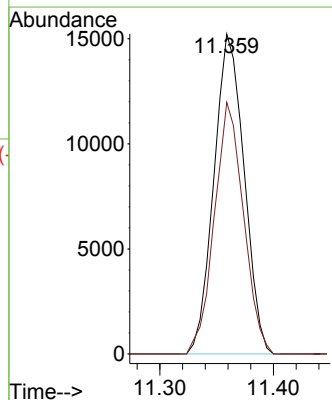
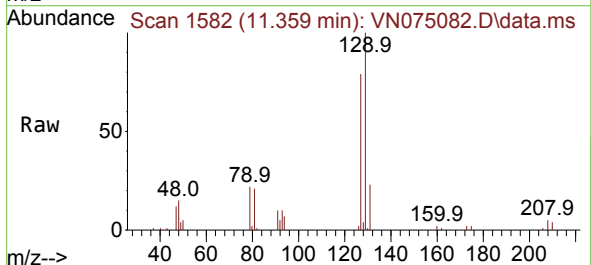
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

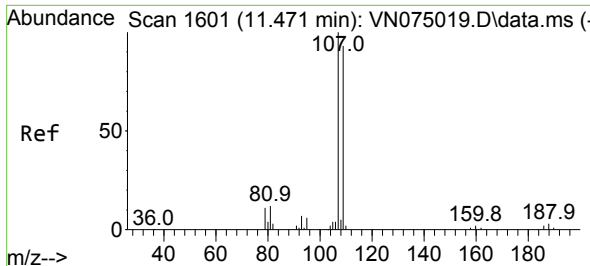
Tgt Ion: 43 Resp: 139188
Ion Ratio Lower Upper
43 100
58 58.4 29.6 88.8



#60
Dibromochloromethane
Concen: 19.987 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 129 Resp: 28101
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8

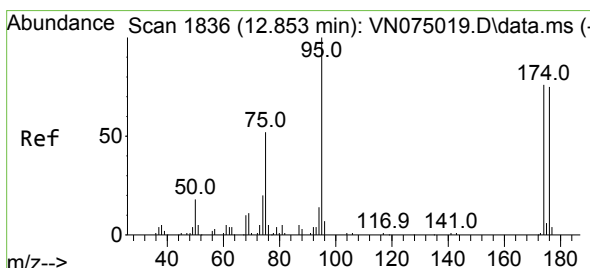
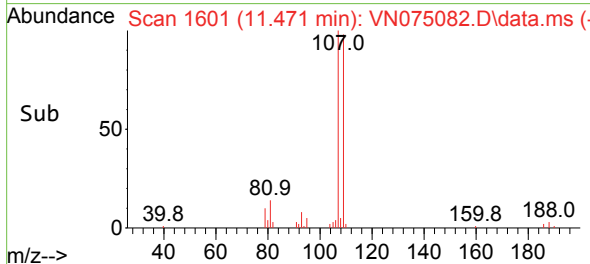
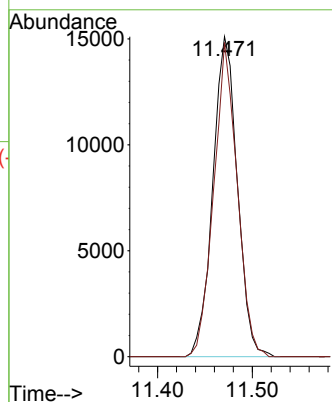
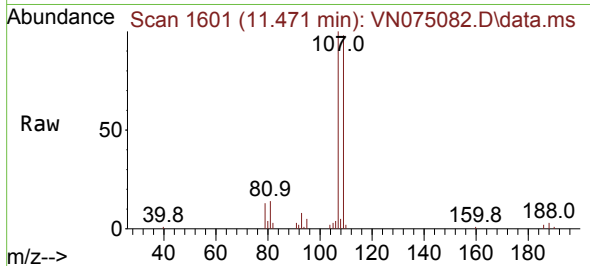




#61
1,2-Dibromoethane
Concen: 19.892 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

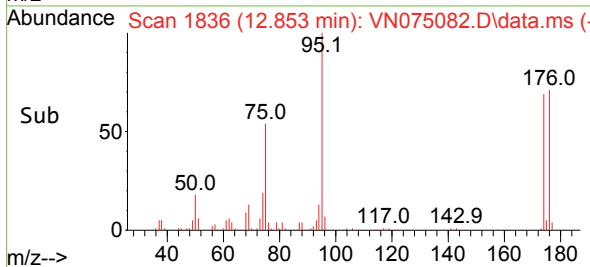
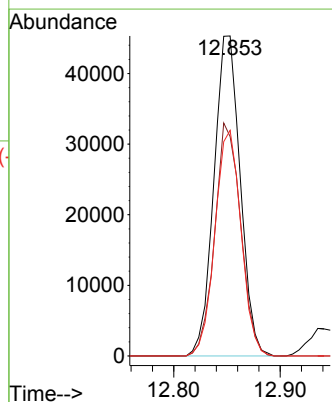
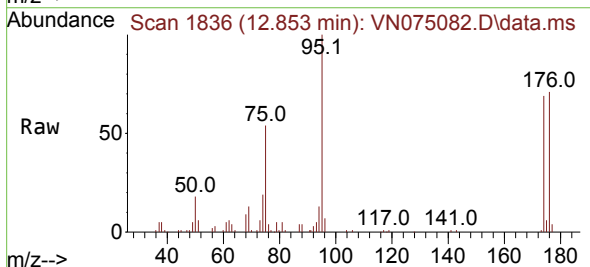
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

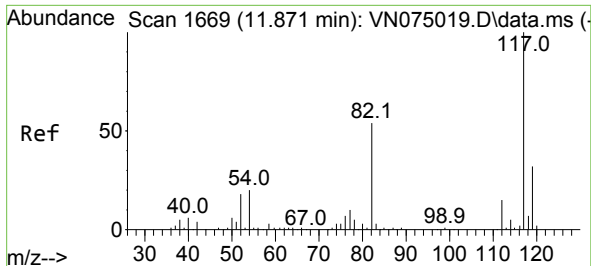
Tgt Ion:107 Resp: 27165
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.763 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 95 Resp: 77714
Ion Ratio Lower Upper
95 100
174 71.7 0.0 147.4
176 69.9 0.0 142.2

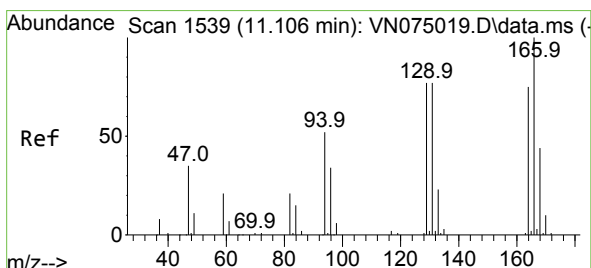
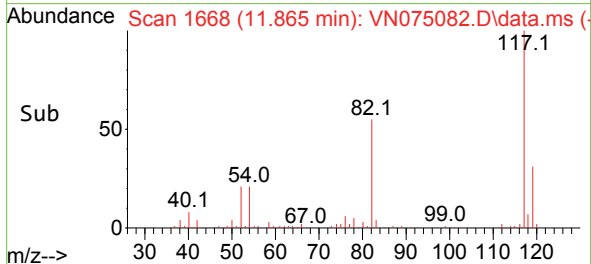
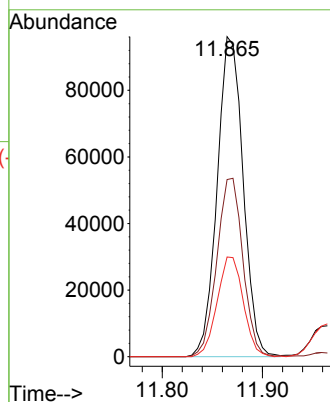
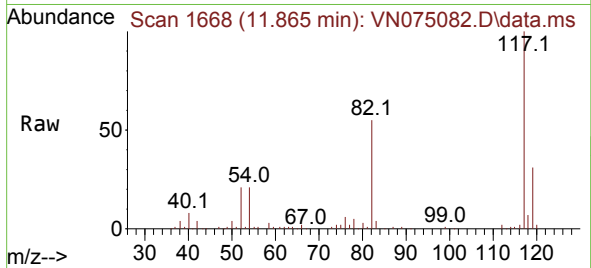




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

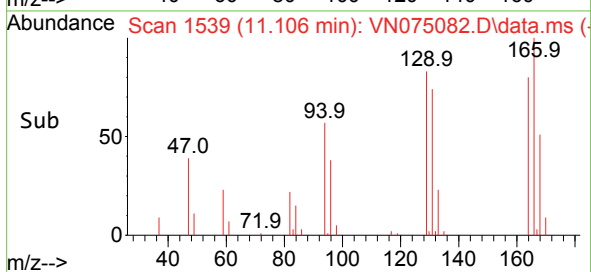
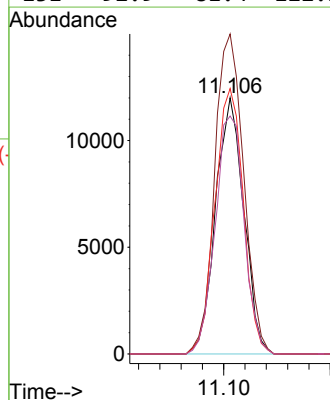
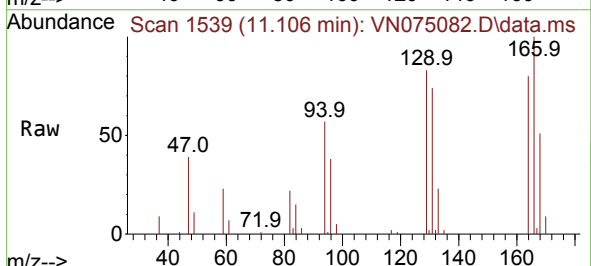
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

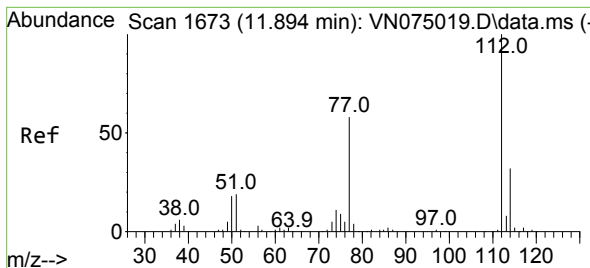
Tgt Ion:117 Resp: 172685
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.835 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:164 Resp: 22058
Ion Ratio Lower Upper
164 100
166 124.9 106.5 159.7
129 103.6 81.9 122.9
131 92.9 81.4 122.2





#65

Chlorobenzene

Concen: 19.215 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

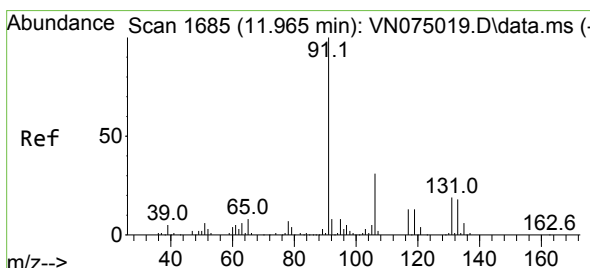
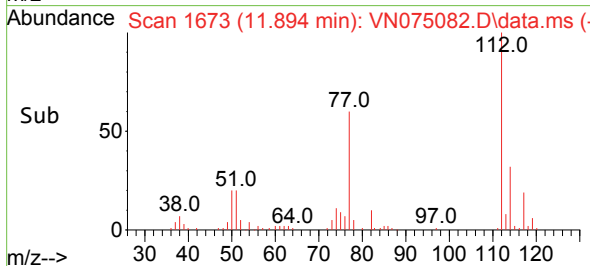
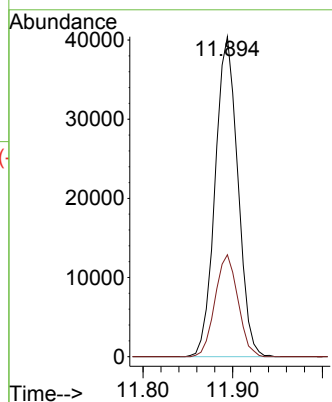
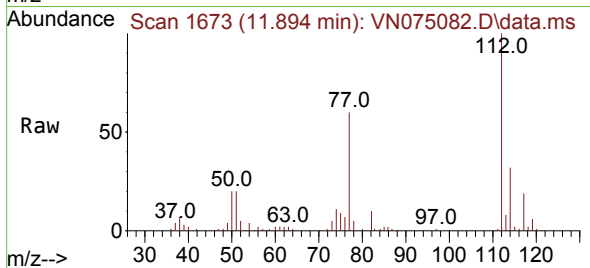
VN1031WBSD01

Tgt Ion:112 Resp: 70825

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.722 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

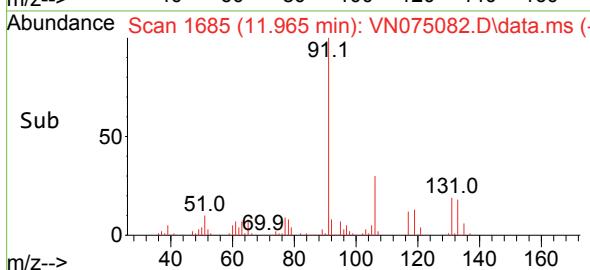
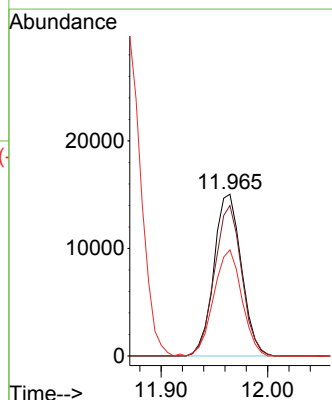
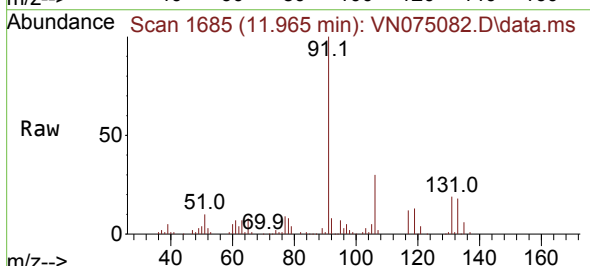
Tgt Ion:131 Resp: 26967

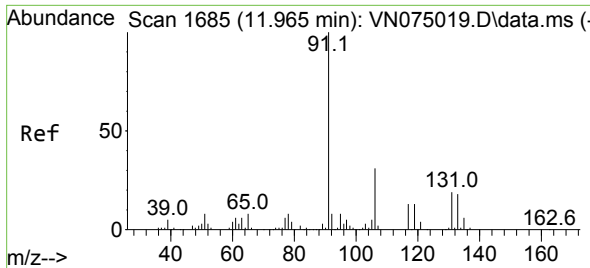
Ion Ratio Lower Upper

131 100

133 92.1 47.8 143.4

119 67.0 33.0 99.0

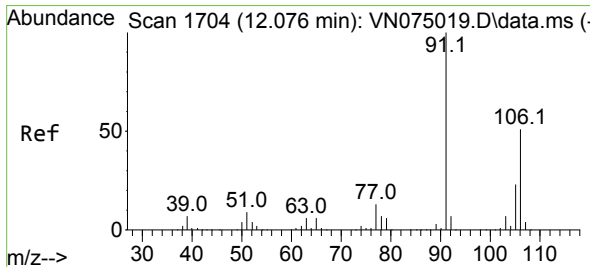
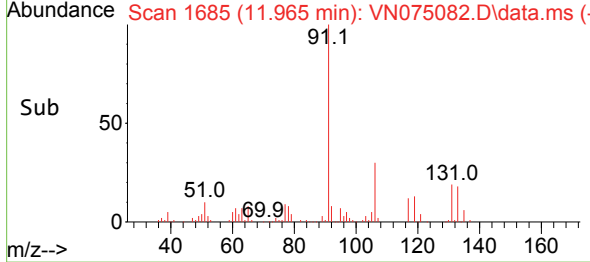
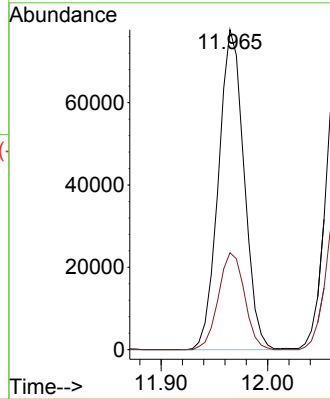
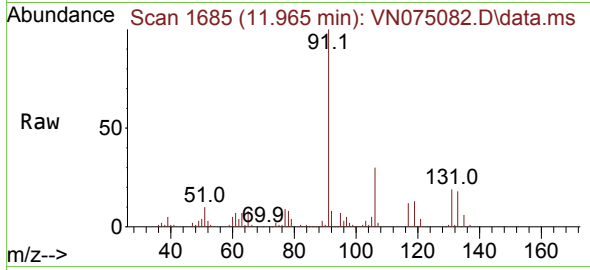




#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

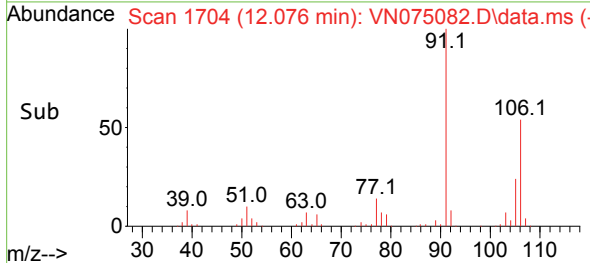
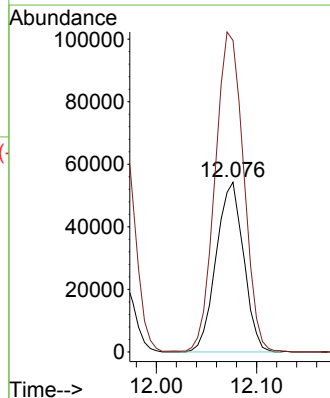
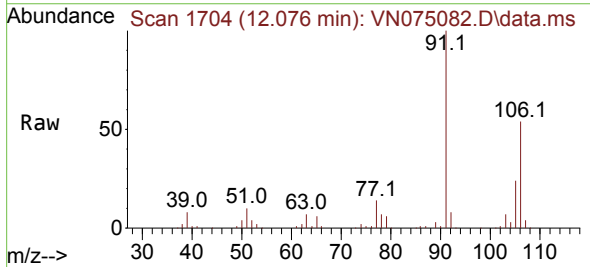
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

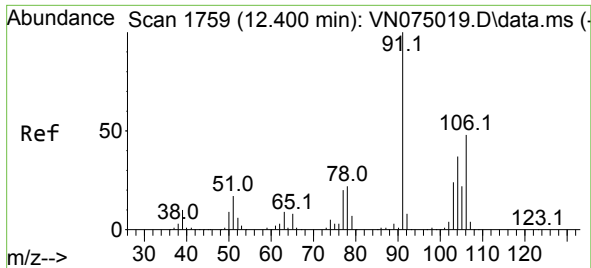
Tgt Ion: 91 Resp: 129687
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 38.752 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:106 Resp: 103117
Ion Ratio Lower Upper
106 100
91 196.3 156.0 234.0

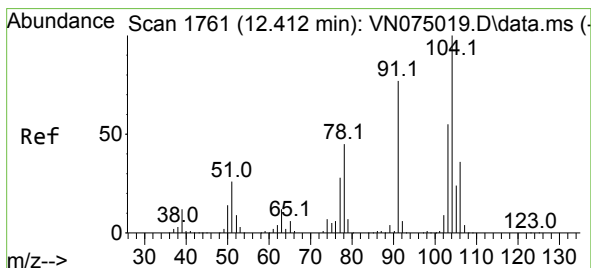
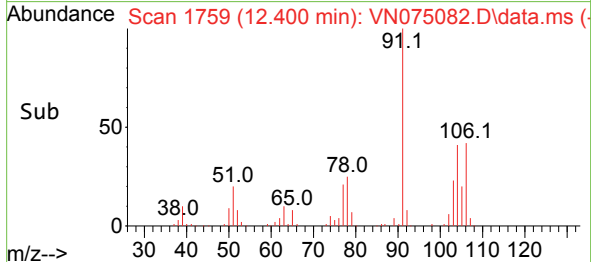
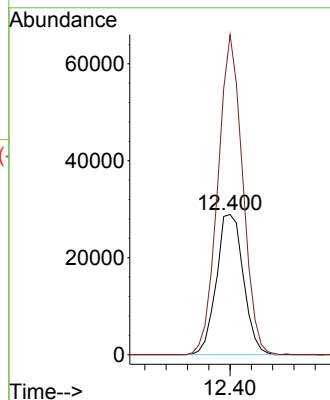
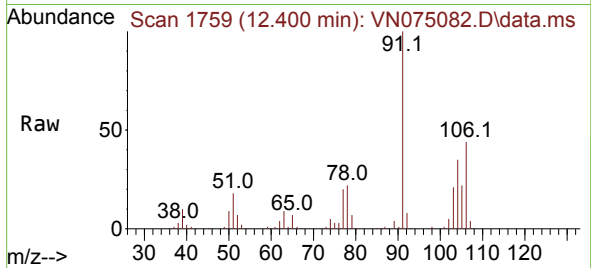




#69
o-Xylene
Concen: 19.314 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

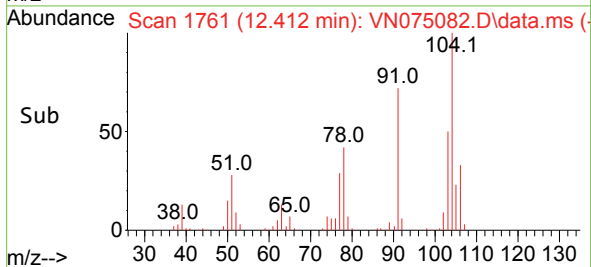
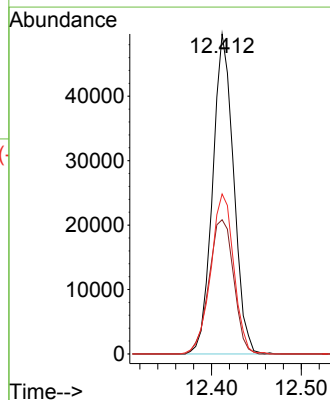
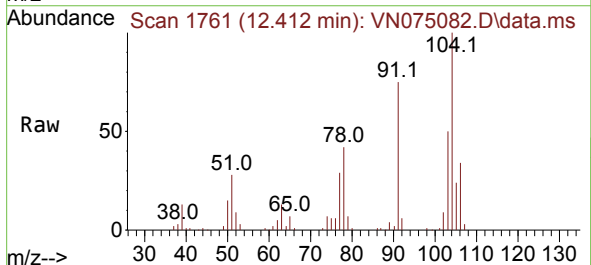
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

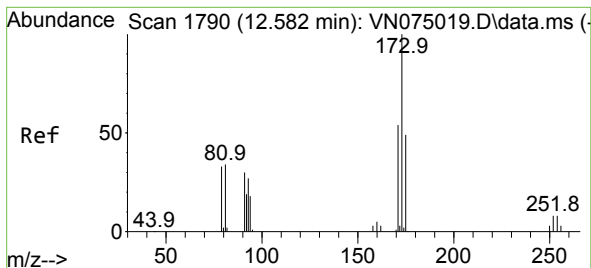
Tgt Ion:106 Resp: 50824
Ion Ratio Lower Upper
106 100
91 209.7 105.2 315.5



#70
Styrene
Concen: 19.260 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion:104 Resp: 80814
Ion Ratio Lower Upper
104 100
78 49.2 38.1 57.1
103 54.8 44.6 66.8





#71

Bromoform

Concen: 18.468 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

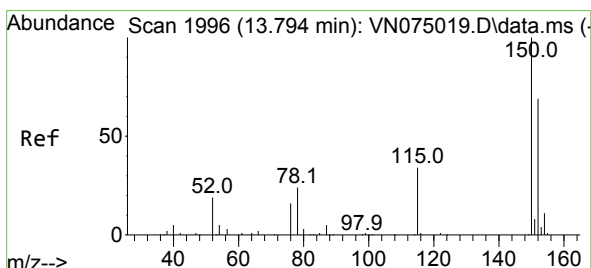
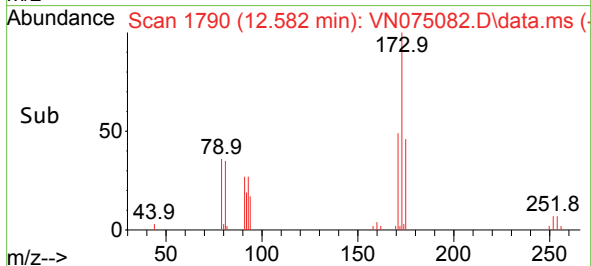
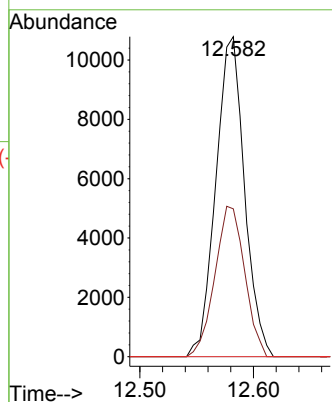
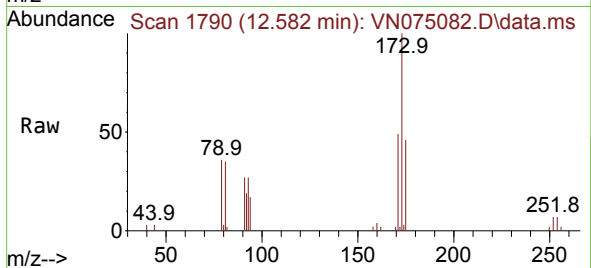
Tgt Ion:173 Resp: 18906

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

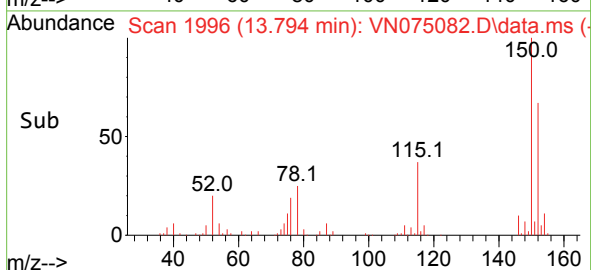
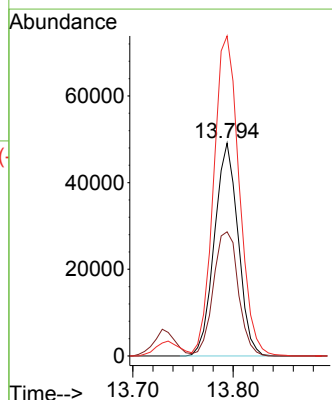
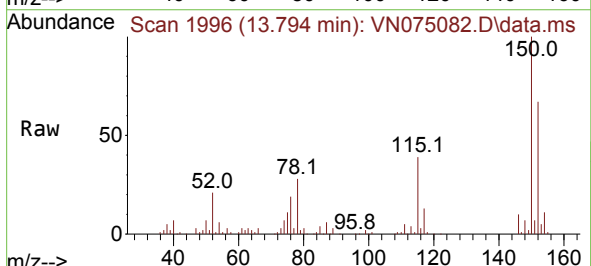
Tgt Ion:152 Resp: 80440

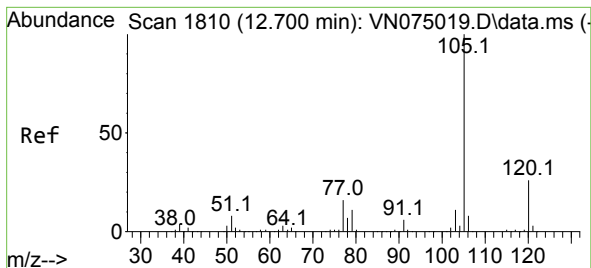
Ion Ratio Lower Upper

152 100

115 61.6 30.2 90.6

150 162.5 0.0 348.4





#73

Isopropylbenzene

Concen: 20.087 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

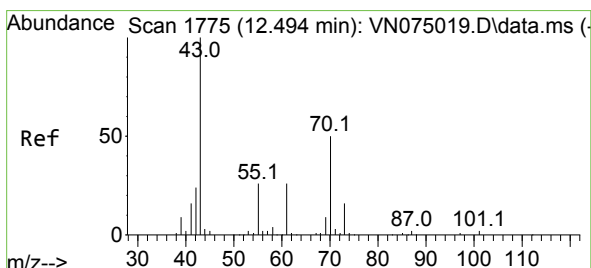
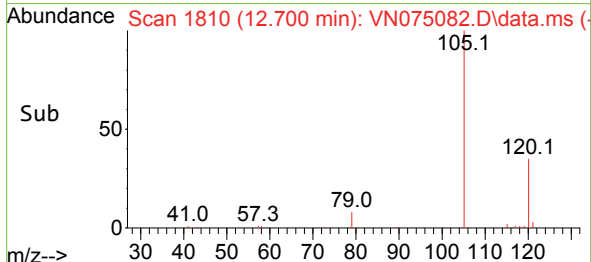
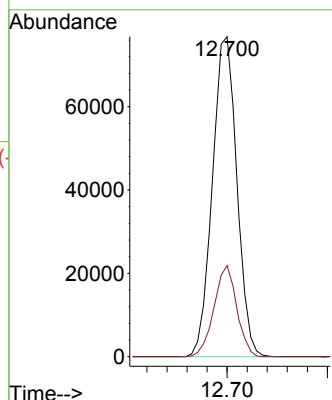
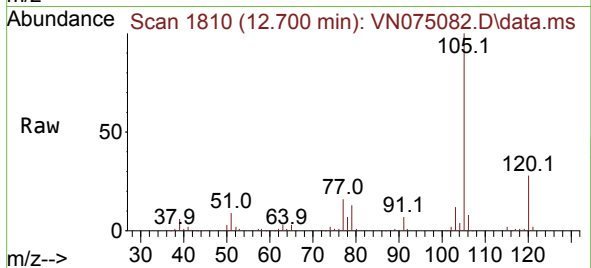
VN1031WBSD01

Tgt Ion:105 Resp: 129721

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 19.803 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Tgt Ion: 43 Resp: 47298

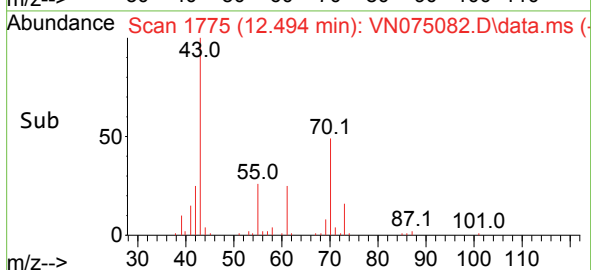
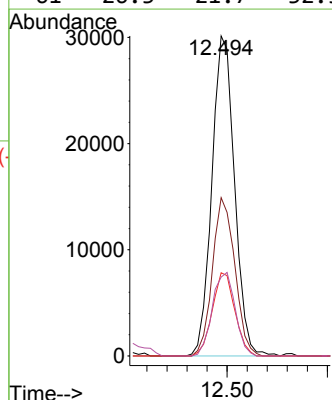
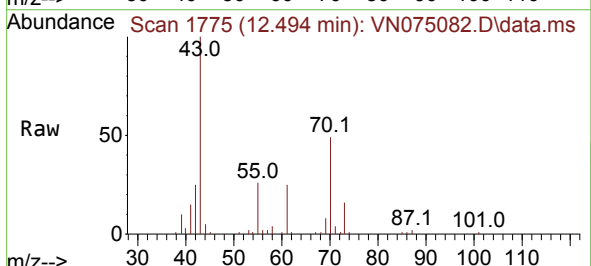
Ion Ratio Lower Upper

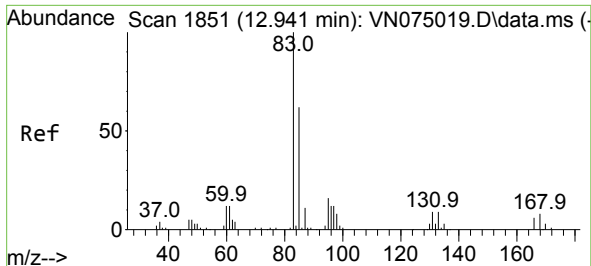
43 100

70 48.9 39.8 59.8

55 25.9 19.9 29.9

61 26.3 21.7 32.5

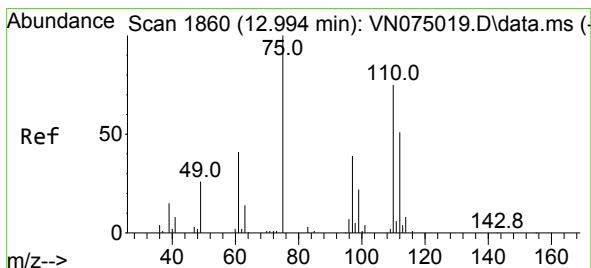
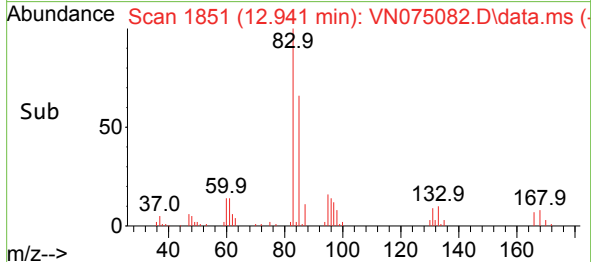
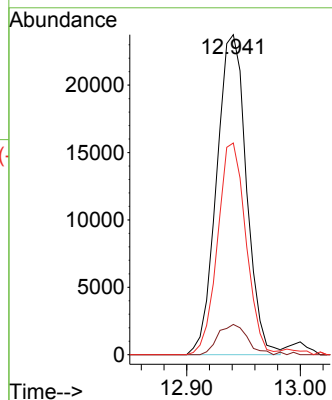
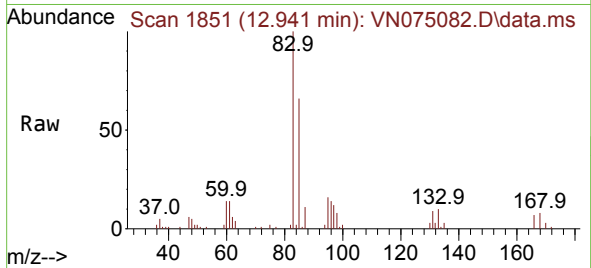




#75
1,1,2,2-Tetrachloroethane
Concen: 21.042 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

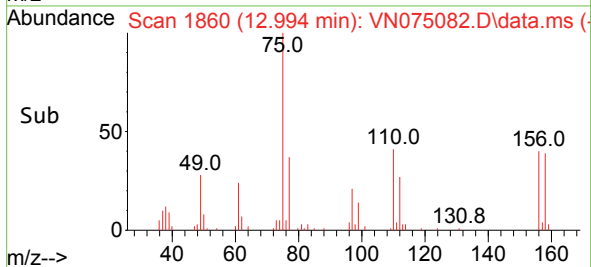
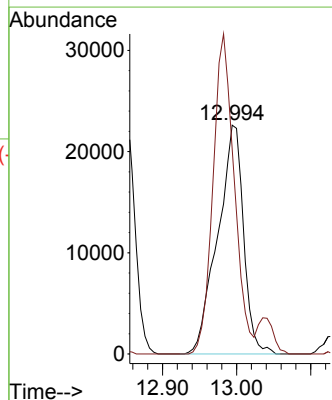
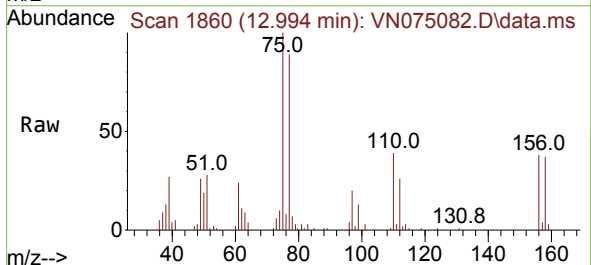
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

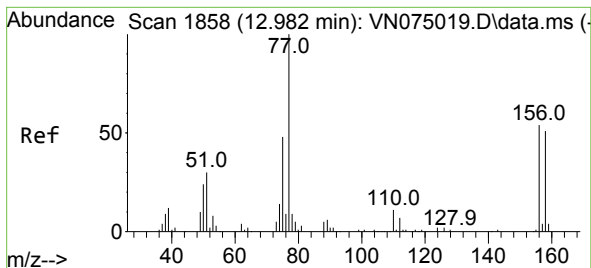
Tgt Ion: 83 Resp: 43319
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 62.9 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 32.028 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 75 Resp: 54702
Ion Ratio Lower Upper
75 100
77 115.4 75.6 226.8





#77

Bromobenzene

Concen: 19.875 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

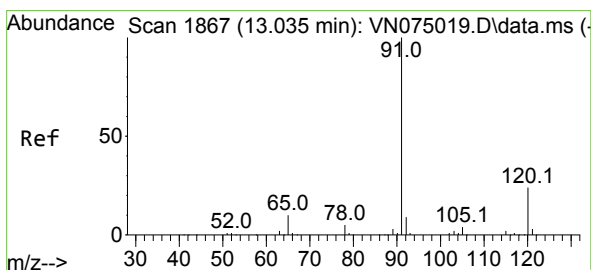
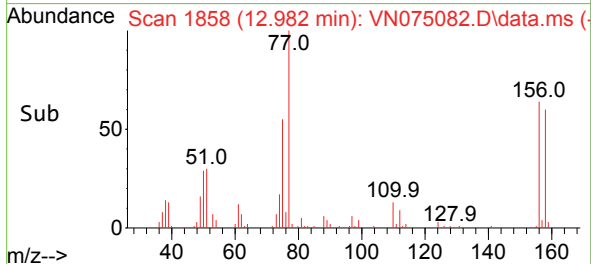
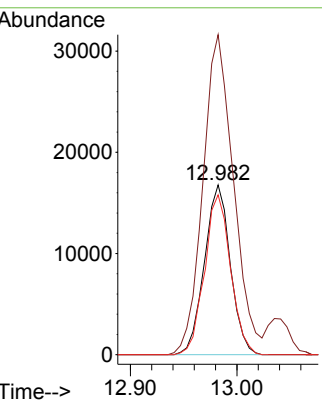
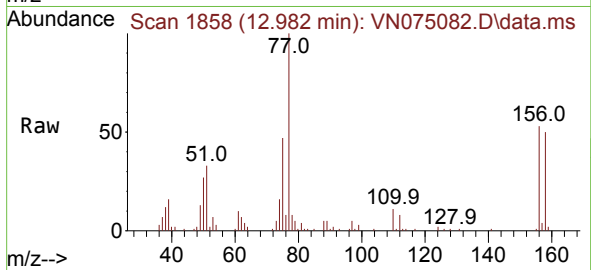
Tgt Ion:156 Resp: 28261

Ion Ratio Lower Upper

156 100

77 223.3 108.5 325.5

158 94.7 47.7 143.1



#78

n-propylbenzene

Concen: 20.557 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN075082.D

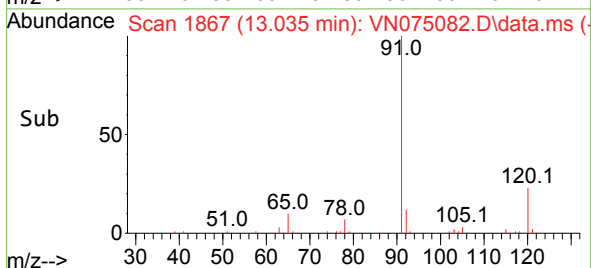
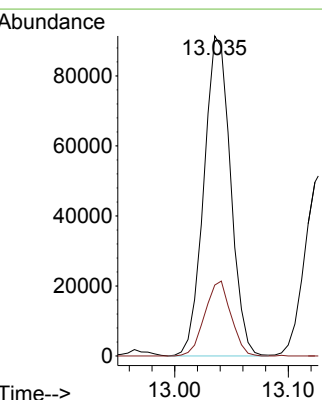
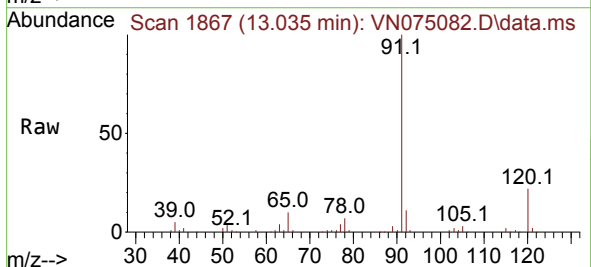
Acq: 31 Oct 2022 13:22

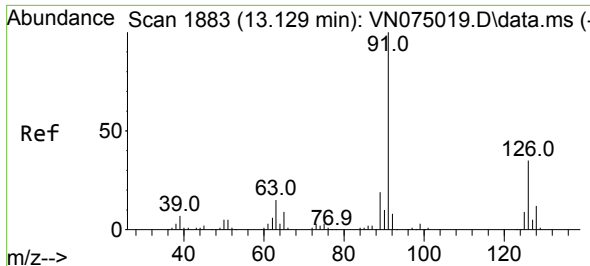
Tgt Ion: 91 Resp: 149049

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5

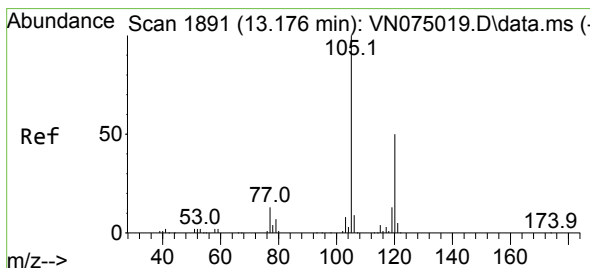
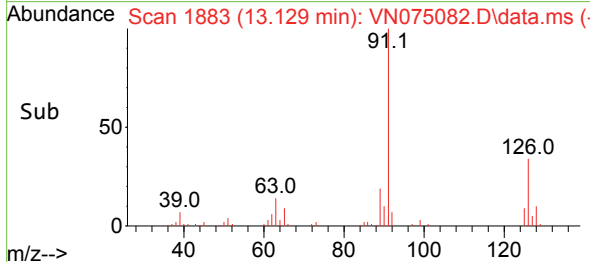
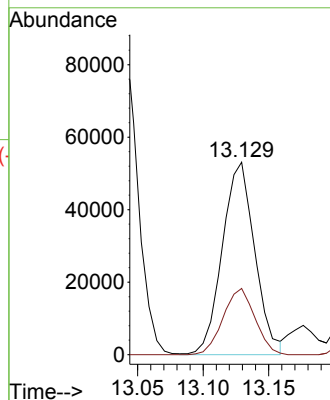
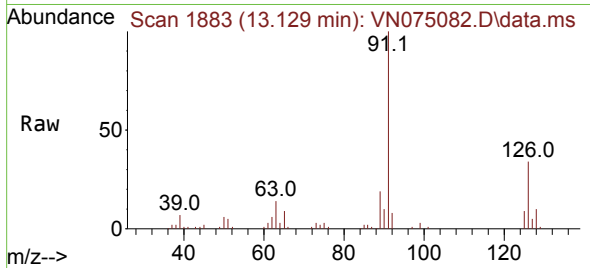




#79
2-Chlorotoluene
Concen: 20.657 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

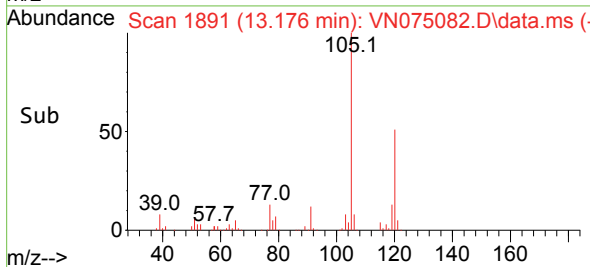
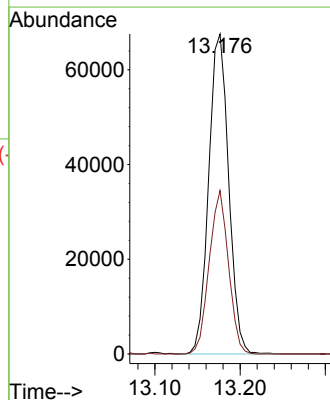
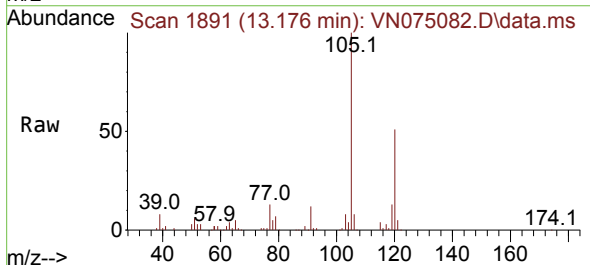
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

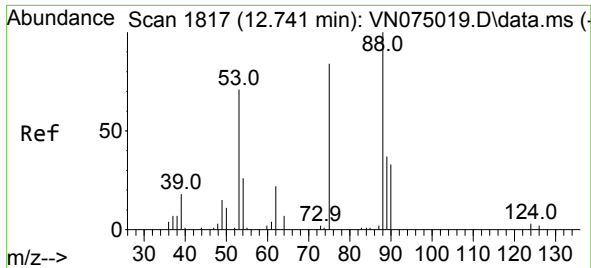
Tgt Ion: 91 Resp: 91524
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 20.252 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 105 Resp: 109849
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1

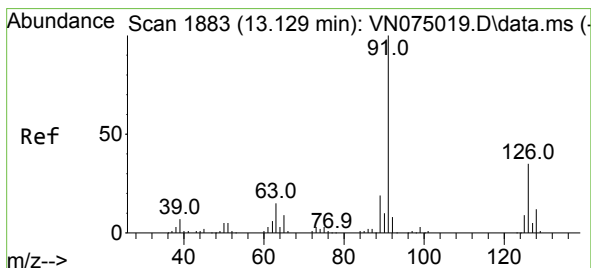
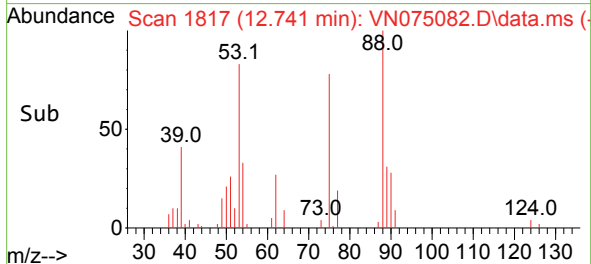
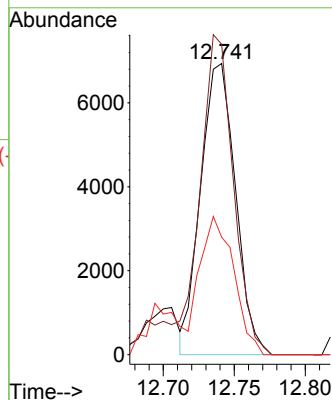
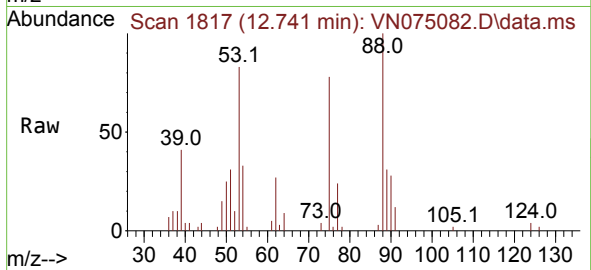




#81
trans-1,4-Dichloro-2-butene
Concen: 17.773 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

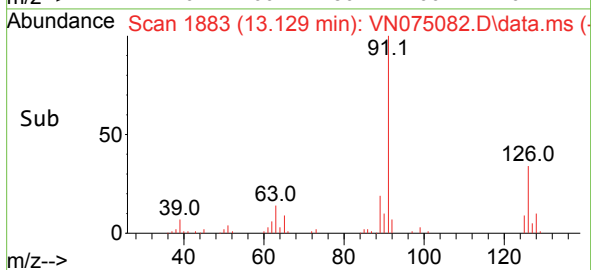
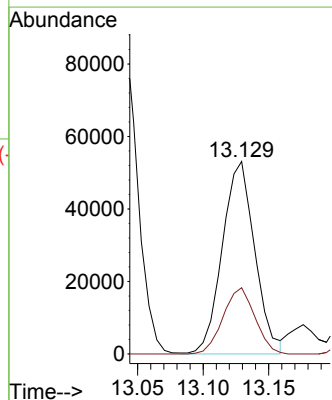
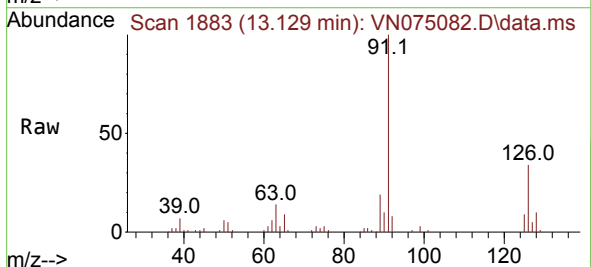
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

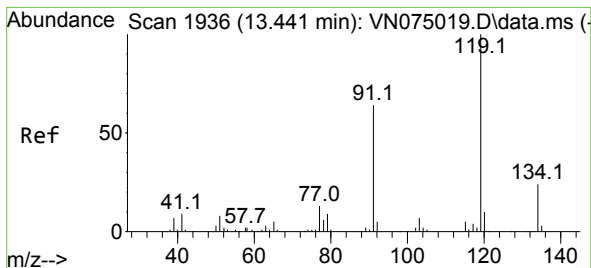
Tgt Ion: 75 Resp: 11825
Ion Ratio Lower Upper
75 100
53 116.3 78.5 117.7
89 45.9 37.7 56.5



#82
4-Chlorotoluene
Concen: 20.657 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 91 Resp: 91524
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.7





#83

tert-Butylbenzene

Concen: 20.221 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

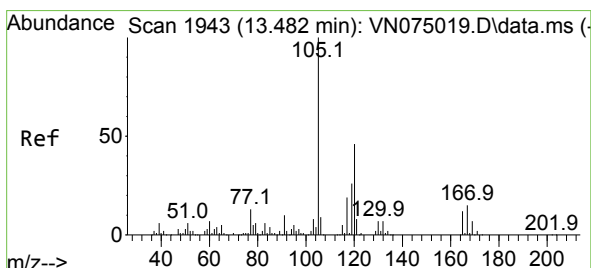
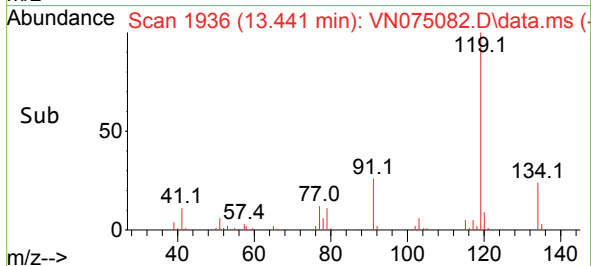
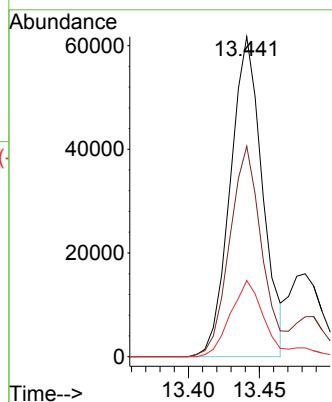
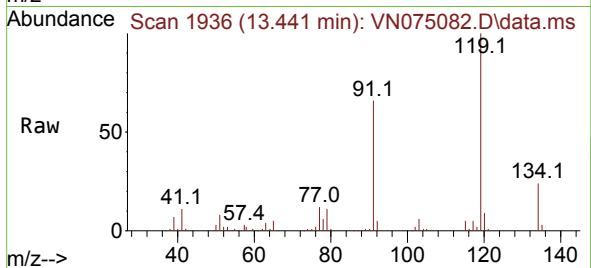
Tgt Ion:119 Resp: 97457

Ion Ratio Lower Upper

119 100

91 66.9 32.8 98.4

134 24.3 12.3 36.9



#84

1,2,4-Trimethylbenzene

Concen: 20.360 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075082.D

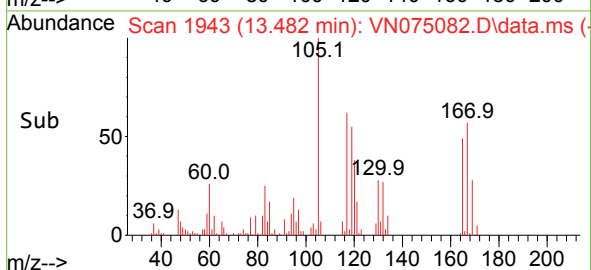
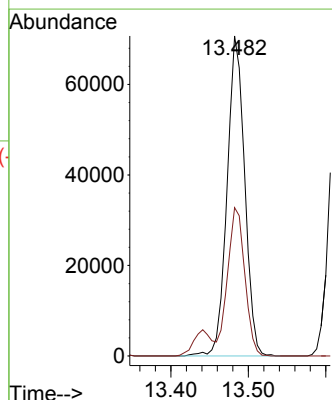
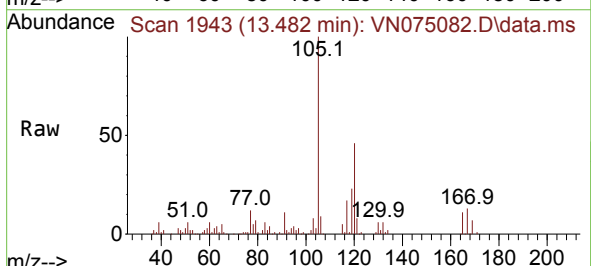
Acq: 31 Oct 2022 13:22

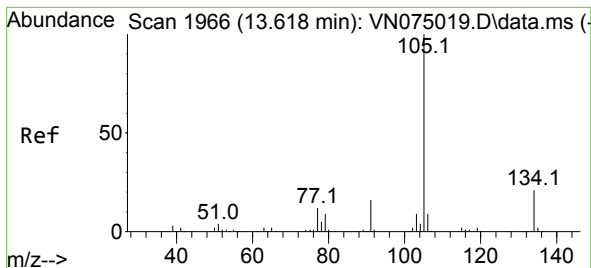
Tgt Ion:105 Resp: 111735

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.077 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

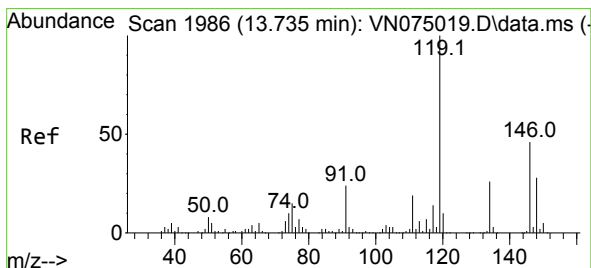
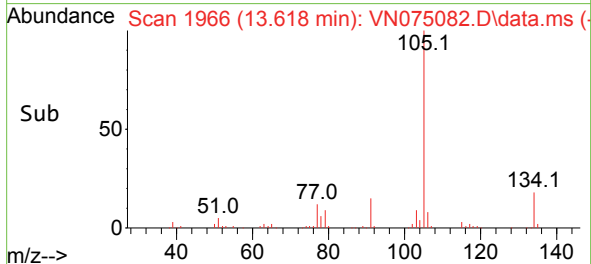
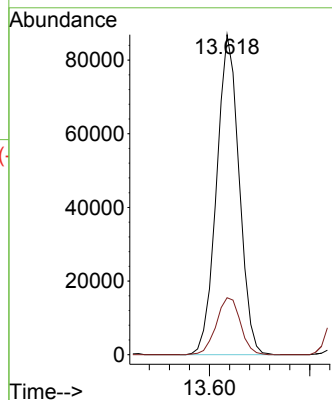
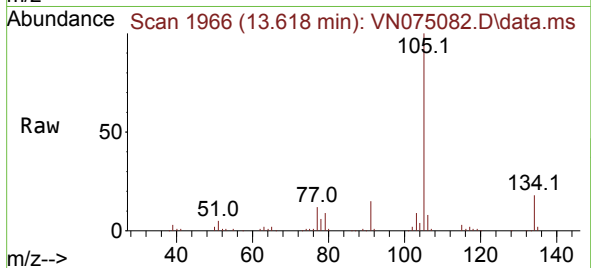
VN1031WBSD01

Tgt Ion:105 Resp: 135365

Ion Ratio Lower Upper

105 100

134 19.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.057 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

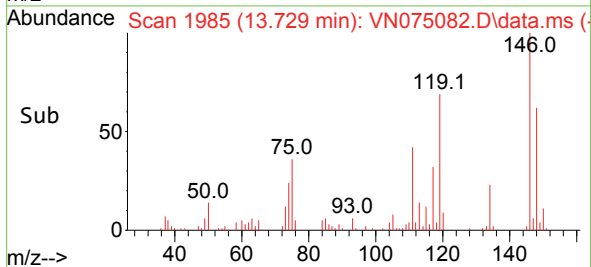
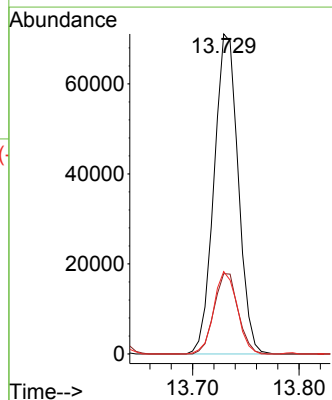
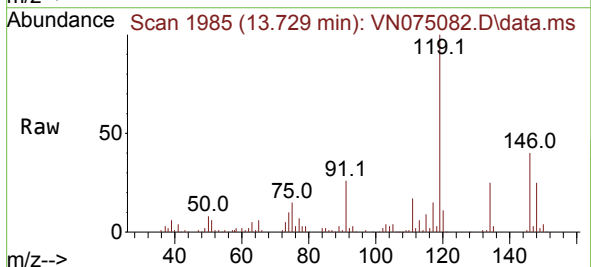
Tgt Ion:119 Resp: 111680

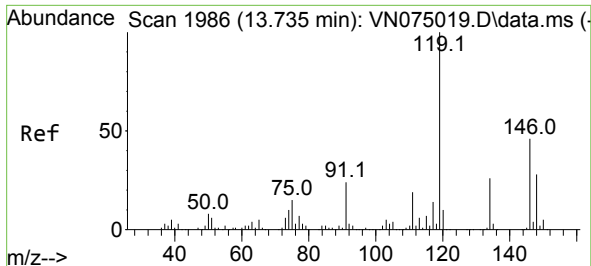
Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.3

91 24.9 11.9 35.5

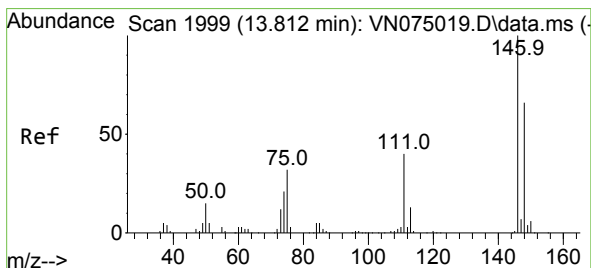
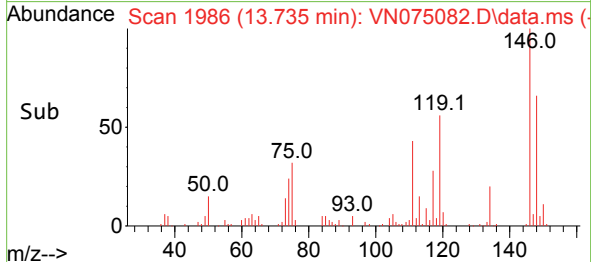
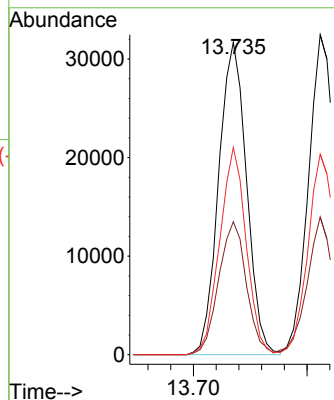
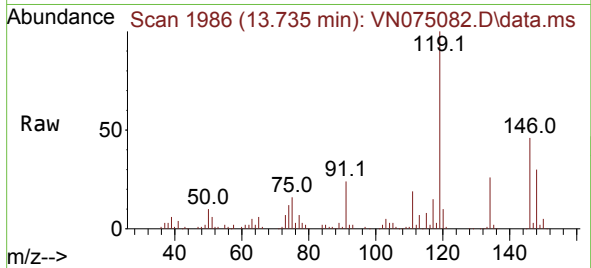




#87
 1,3-Dichlorobenzene
 Concen: 19.440 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075082.D
 Acq: 31 Oct 2022 13:22

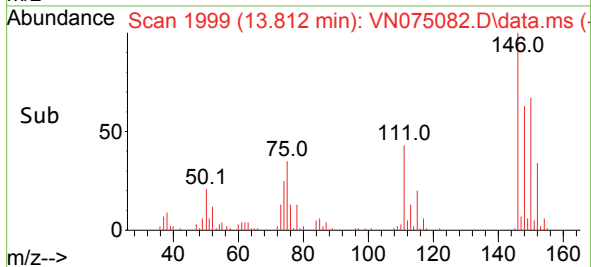
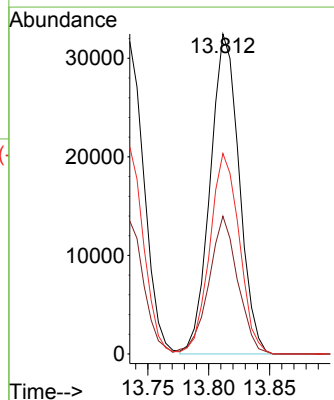
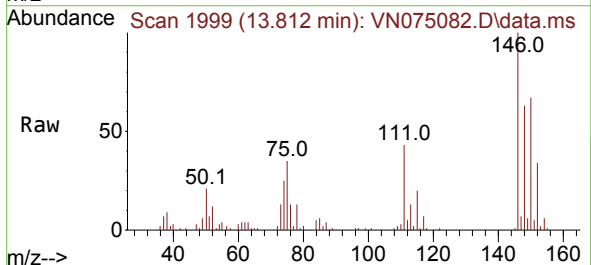
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

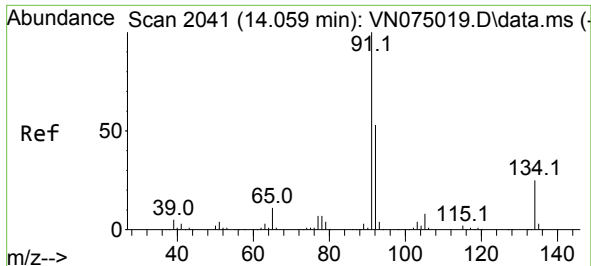
Tgt Ion:146 Resp: 54122
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.5
 148 63.1 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075082.D
 Acq: 31 Oct 2022 13:22

Tgt Ion:146 Resp: 53806
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.1 60.3
 148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 19.396 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

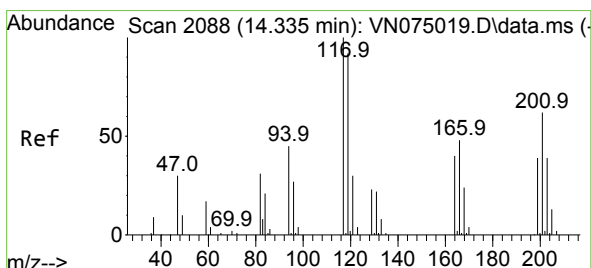
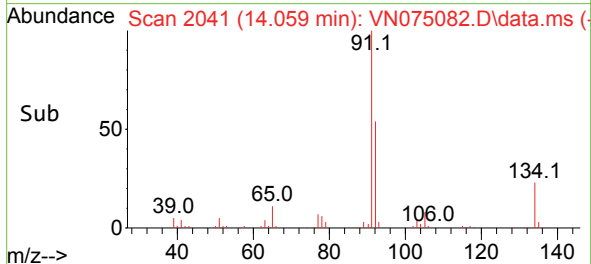
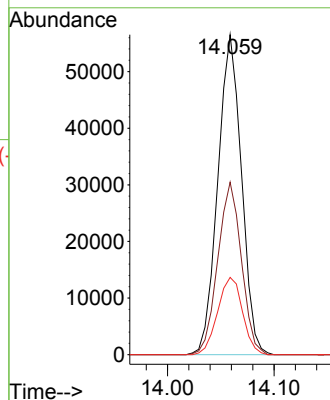
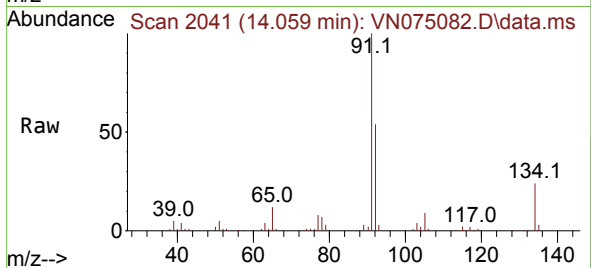
Tgt Ion: 91 Resp: 86972

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.4

134 25.5 13.0 39.0



#90

Hexachloroethane

Concen: 18.751 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075082.D

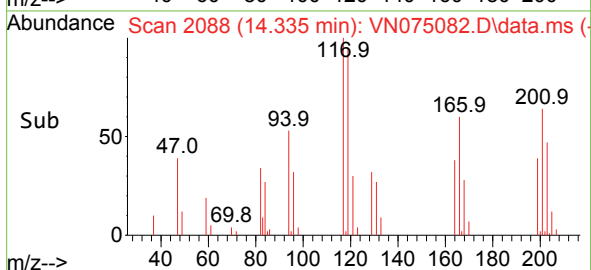
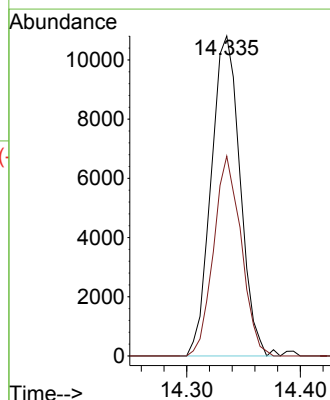
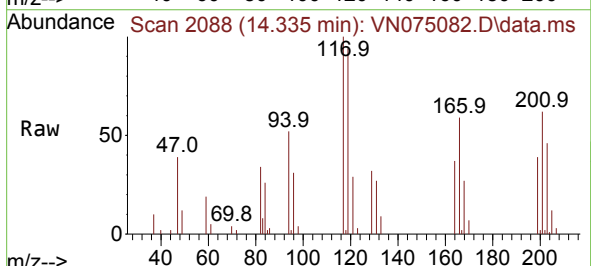
Acq: 31 Oct 2022 13:22

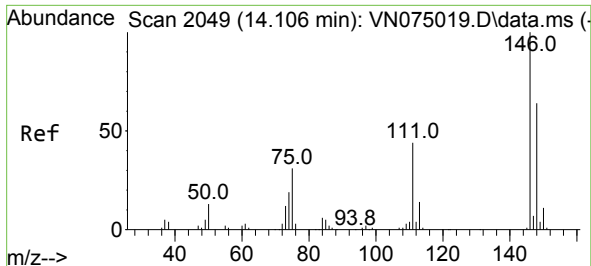
Tgt Ion: 117 Resp: 19143

Ion Ratio Lower Upper

117 100

201 59.5 31.5 94.5

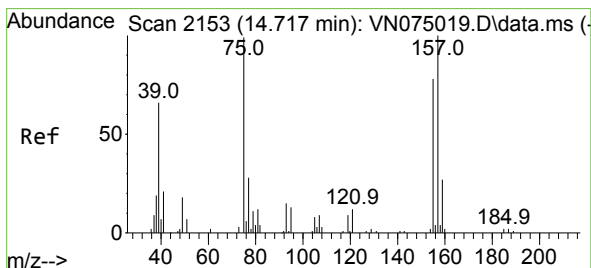
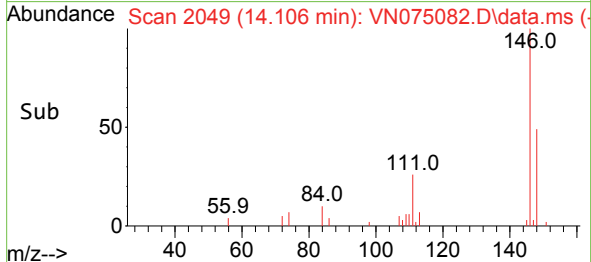
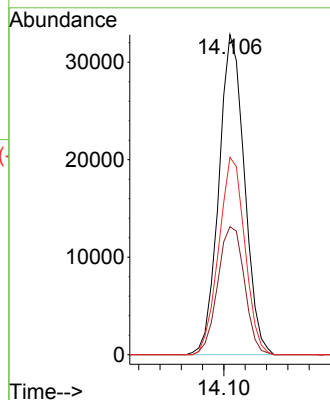
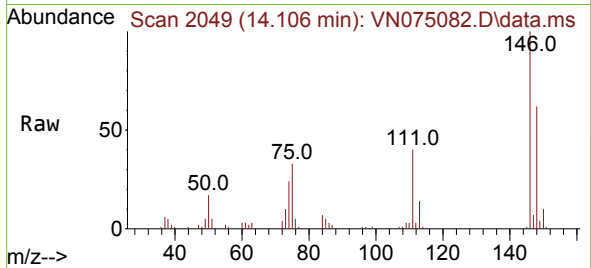




#91
1,2-Dichlorobenzene
Concen: 19.750 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

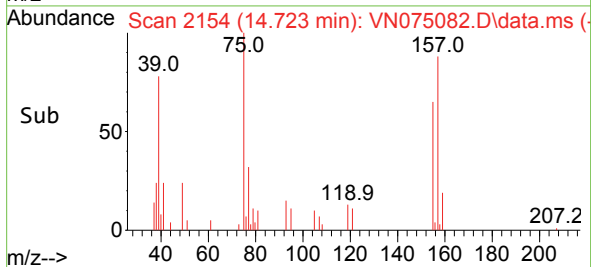
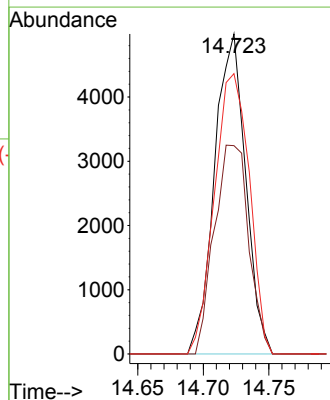
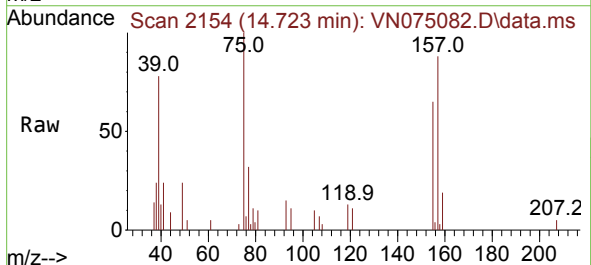
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

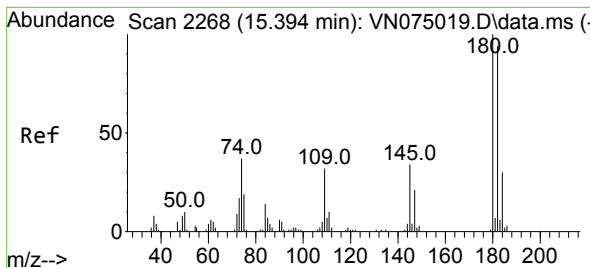
Tgt Ion:146 Resp: 54663
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 62.9 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.820 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075082.D
Acq: 31 Oct 2022 13:22

Tgt Ion: 75 Resp: 8198
Ion Ratio Lower Upper
75 100
155 72.4 42.1 126.3
157 98.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 19.162 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

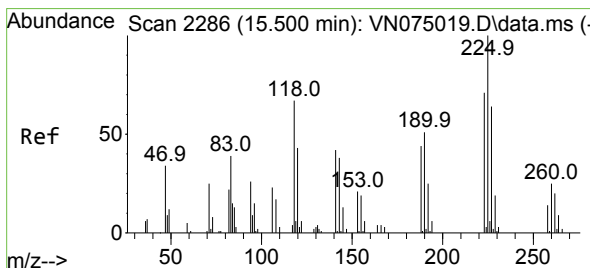
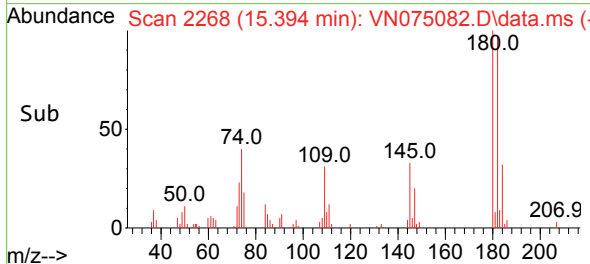
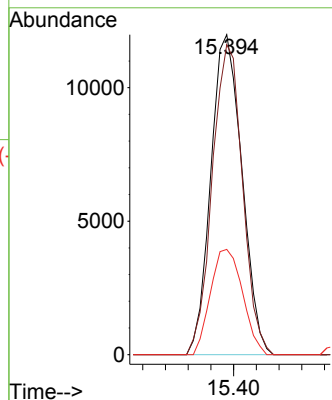
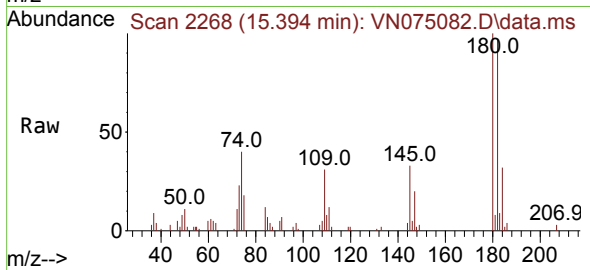
Tgt Ion:180 Resp: 22823

Ion Ratio Lower Upper

180 100

182 94.0 47.8 143.4

145 33.9 16.8 50.3



#94

Hexachlorobutadiene

Concen: 17.455 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

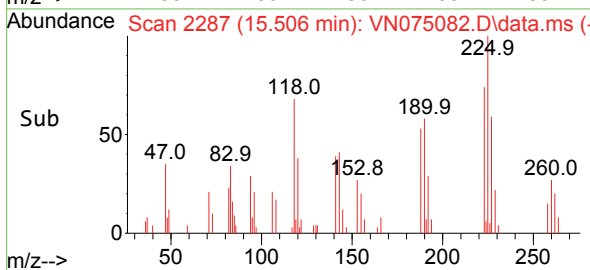
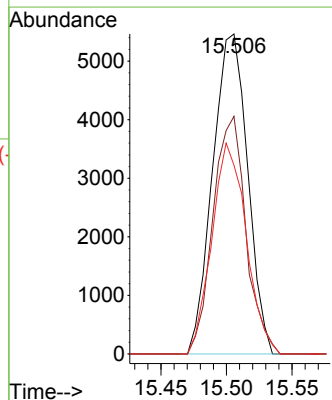
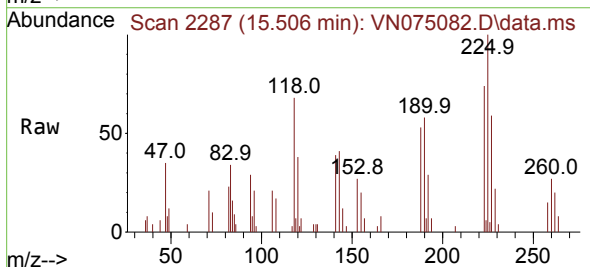
Tgt Ion:225 Resp: 10135

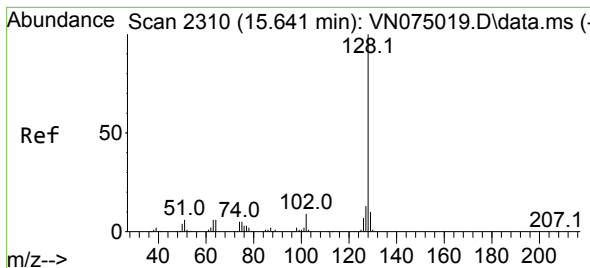
Ion Ratio Lower Upper

225 100

223 69.8 32.3 96.9

227 64.7 32.0 96.2





#95

Naphthalene

Concen: 18.179 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

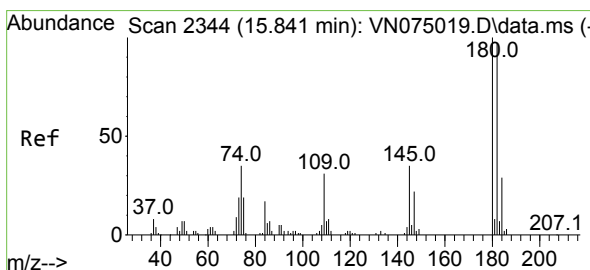
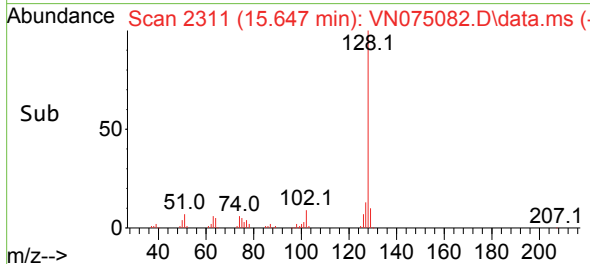
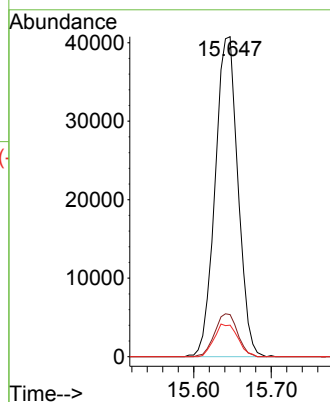
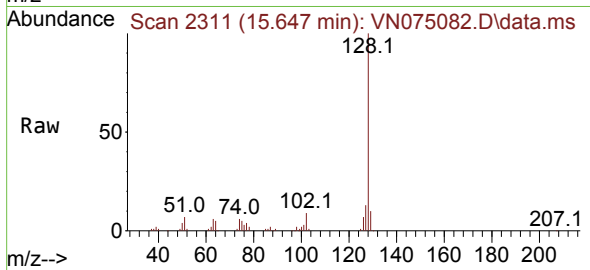
Tgt Ion:128 Resp: 83263

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.760 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075082.D

Acq: 31 Oct 2022 13:22

Tgt Ion:180 Resp: 22201

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 33.4 17.6 52.9

