

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080432.D
 Acq On : 12 Dec 2023 10:57
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 01:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	342334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	537941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	483409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	84712	19.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	38.740%#
35) Dibromofluoromethane	8.165	113	64638	18.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.900%#
50) Toluene-d8	10.571	98	243766	19.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.320%#
62) 4-Bromofluorobenzene	12.847	95	93193	19.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.580%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92554	21.156	ug/l	99
3) Chloromethane	2.360	50	94730	20.419	ug/l	95
4) Vinyl Chloride	2.518	62	79749	21.346	ug/l	93
5) Bromomethane	2.948	94	35309	20.962	ug/l	92
6) Chloroethane	3.118	64	53387	22.224	ug/l	99
7) Trichlorofluoromethane	3.501	101	159989	21.113	ug/l	96
8) Diethyl Ether	3.959	74	50046	20.968	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	77605	21.607	ug/l	95
10) Methyl Iodide	4.589	142	66581	21.075	ug/l	95
11) Tert butyl alcohol	5.506	59	55651	108.071	ug/l	99
12) 1,1-Dichloroethene	4.342	96	78596	21.357	ug/l	89
13) Acrolein	4.177	56	59696	105.856	ug/l	100
14) Allyl chloride	5.018	41	96096	21.105	ug/l	98
15) Acrylonitrile	5.712	53	158526	108.952	ug/l	99
16) Acetone	4.424	43	72334	93.301	ug/l	99
17) Carbon Disulfide	4.706	76	217313	20.836	ug/l	98
18) Methyl Acetate	5.018	43	100694	20.185	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	264113	21.511	ug/l	99
20) Methylene Chloride	5.271	84	85527	20.614	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	84350	21.138	ug/l #	81
22) Diisopropyl ether	6.665	45	215016	21.879	ug/l	96
23) Vinyl Acetate	6.600	43	619737	109.801	ug/l	94
24) 1,1-Dichloroethane	6.565	63	147667	21.537	ug/l	97
25) 2-Butanone	7.477	43	157150	105.222	ug/l #	86
26) 2,2-Dichloropropane	7.489	77	149848	21.373	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	93890	20.787	ug/l	87
28) Bromochloromethane	7.812	49	56045	21.289	ug/l	97
29) Tetrahydrofuran	7.836	42	117567	109.930	ug/l	90
30) Chloroform	7.965	83	162001	21.286	ug/l	95
31) Cyclohexane	8.253	56	126145	21.215	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	159570	21.414	ug/l	97
36) 1,1-Dichloropropene	8.371	75	122077	21.890	ug/l	96
37) Ethyl Acetate	7.553	43	74539	21.344	ug/l	96
38) Carbon Tetrachloride	8.359	117	141734	21.270	ug/l	99
39) Methylcyclohexane	9.600	83	125675	21.693	ug/l	93
40) Benzene	8.606	78	346883	21.540	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43003	21.360	ug/l	96
42) 1,2-Dichloroethane	8.671	62	129879	21.779	ug/l	95
43) Isopropyl Acetate	8.689	43	138060	21.987	ug/l	98
44) Trichloroethene	9.353	130	93703	21.584	ug/l	99
45) 1,2-Dichloropropane	9.624	63	80784	21.358	ug/l	93
46) Dibromomethane	9.706	93	59844	22.032	ug/l	92
47) Bromodichloromethane	9.889	83	127335	21.874	ug/l	98
48) Methyl methacrylate	9.683	41	79438	21.200	ug/l	92
49) 1,4-Dioxane	9.694	88	24009	422.726	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	377685	109.216	ug/l	100
52) Toluene	10.630	92	223780	21.997	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	142355	22.602	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	148439	22.049	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	81090	22.152	ug/l	98
56) Ethyl methacrylate	10.871	69	89593	22.107	ug/l #	90
57) 1,3-Dichloropropane	11.159	76	140097	21.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	261473	102.197	ug/l	100
59) 2-Hexanone	11.194	43	293994	115.157	ug/l	99
60) Dibromochloromethane	11.359	129	96912	22.342	ug/l	98
61) 1,2-Dibromoethane	11.471	107	84001	22.172	ug/l	97
64) Tetrachloroethene	11.106	164	79952	21.421	ug/l	97
65) Chlorobenzene	11.894	112	236487	21.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	91293	21.636	ug/l	95
67) Ethyl Benzene	11.965	91	426825	21.586	ug/l	95
68) m/p-Xylenes	12.071	106	323973	44.340	ug/l	92
69) o-Xylene	12.400	106	160397	22.444	ug/l	93
70) Styrene	12.412	104	231296	22.468	ug/l	94
71) Bromoform	12.577	173	65793	21.382	ug/l #	98
73) Isopropylbenzene	12.694	105	409541	21.071	ug/l	99
74) N-amyl acetate	12.494	43	118589	20.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	110518	21.220	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	154086	29.223	ug/l	77
77) Bromobenzene	12.977	156	100594	21.039	ug/l	97
78) n-propylbenzene	13.035	91	463932	21.649	ug/l	99
79) 2-Chlorotoluene	13.124	91	298380	21.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	361718	21.609	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	36779	20.007	ug/l #	43
82) 4-Chlorotoluene	13.224	91	315016	21.906	ug/l	96
83) tert-Butylbenzene	13.435	119	298601	21.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	366970	22.037	ug/l	98
85) sec-Butylbenzene	13.618	105	386966	22.066	ug/l	99
86) p-Isopropyltoluene	13.729	119	353902	22.351	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	181010	21.487	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	181814	21.381	ug/l	97
89) n-Butylbenzene	14.059	91	296819	22.447	ug/l	99
90) Hexachloroethane	14.335	117	53784	21.388	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	168168	21.023	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	21405	19.539	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	89277	20.102	ug/l	96
94) Hexachlorobutadiene	15.500	225	50348	19.913	ug/l	99
95) Naphthalene	15.641	128	275071	20.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	86086	20.086	ug/l	97

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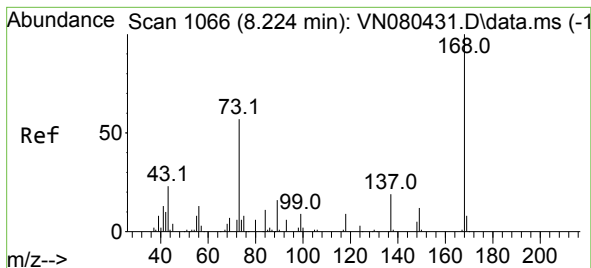
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

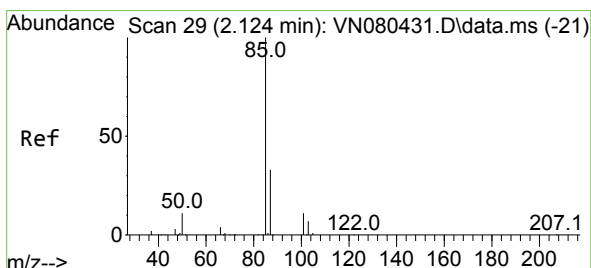
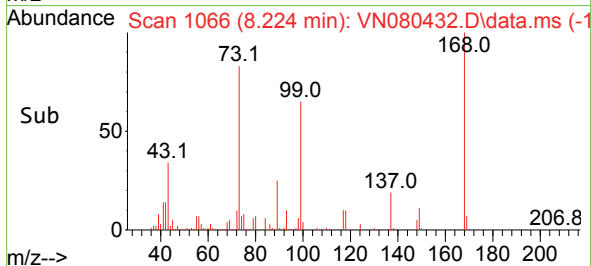
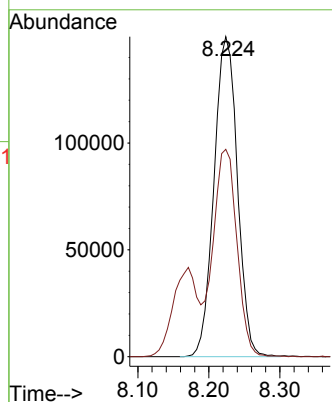
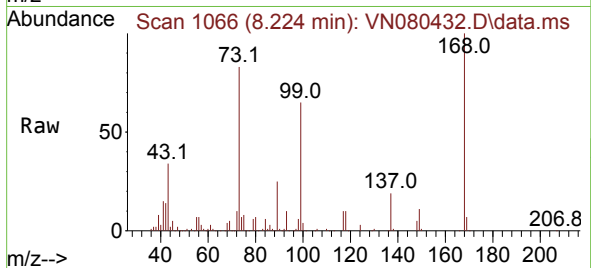
ClientSampleId :

Tgt Ion:168 Resp: 342334

Ion Ratio Lower Upper

168 100

99 64.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 21.156 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080432.D

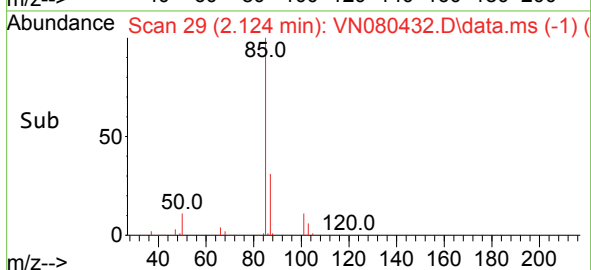
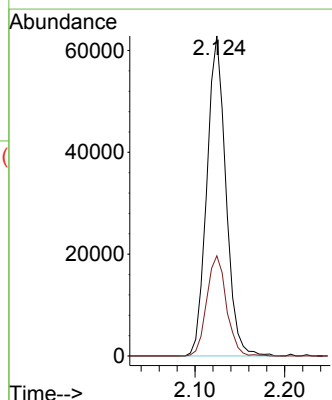
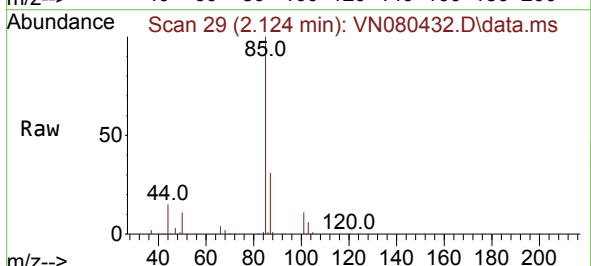
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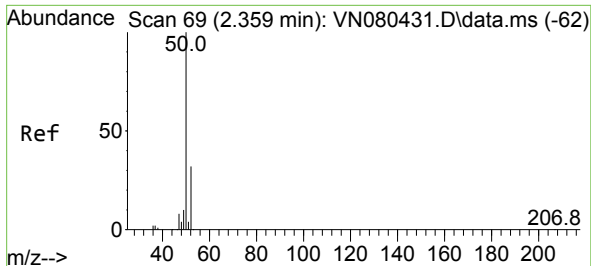
Tgt Ion: 85 Resp: 92554

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4

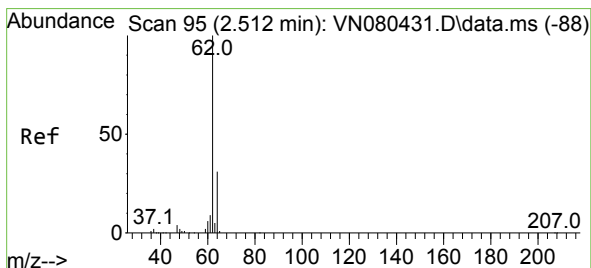
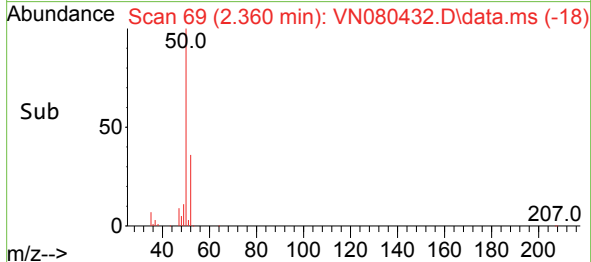
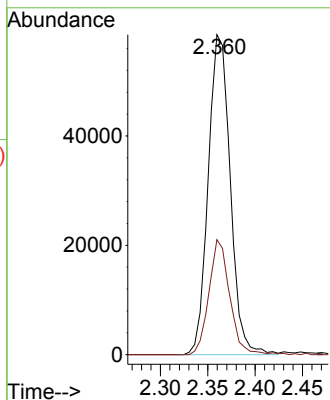
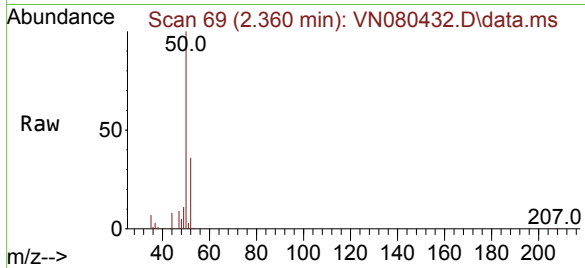




#3
Chloromethane
Concen: 20.419 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080432.D
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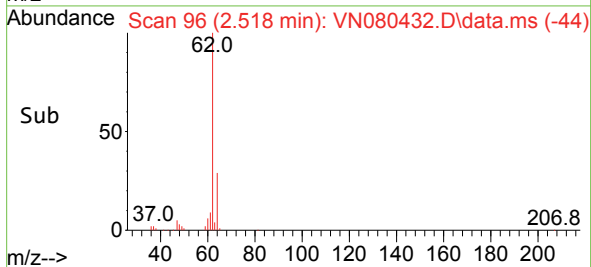
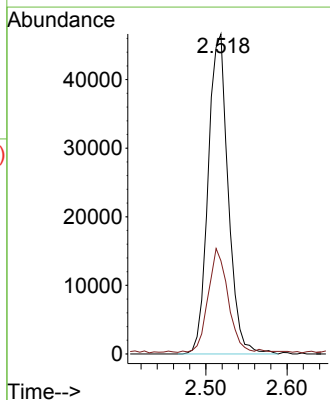
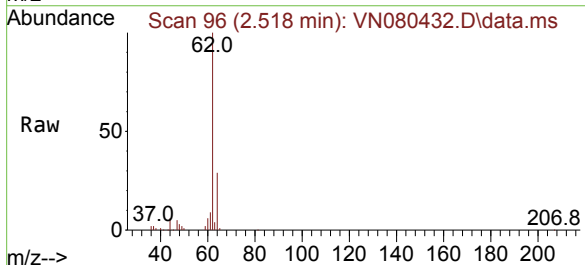
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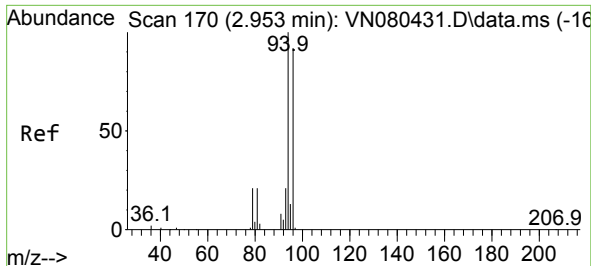
Tgt Ion: 50 Resp: 94730
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7



#4
Vinyl Chloride
Concen: 21.346 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 62 Resp: 79749
Ion Ratio Lower Upper
62 100
64 28.6 26.2 39.2

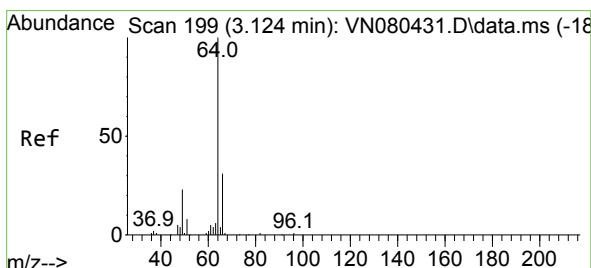
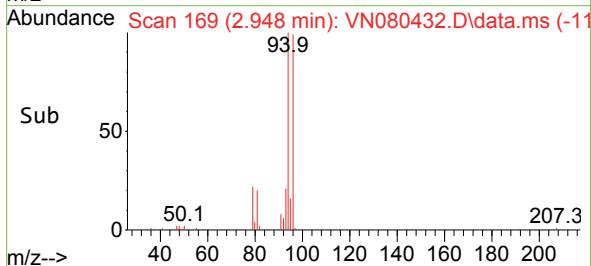
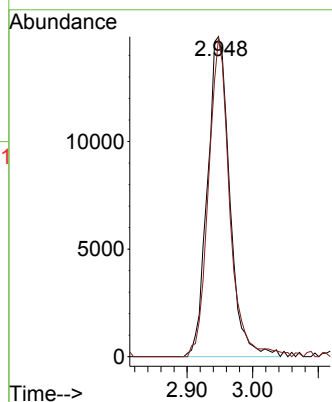
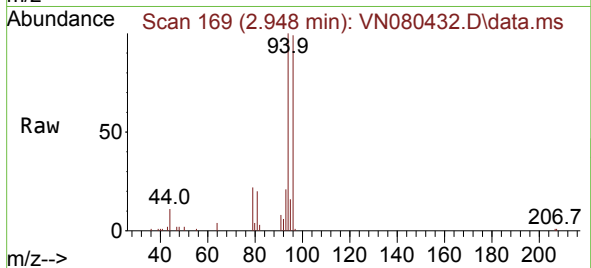




#5
Bromomethane
Concen: 20.962 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080432.D
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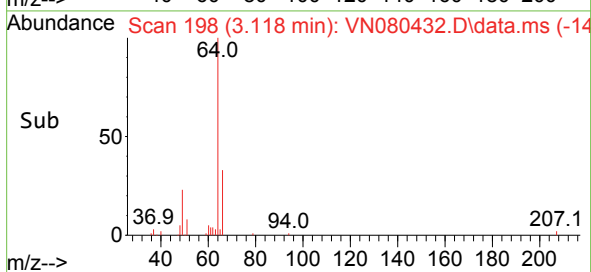
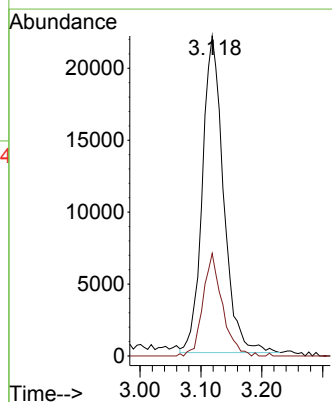
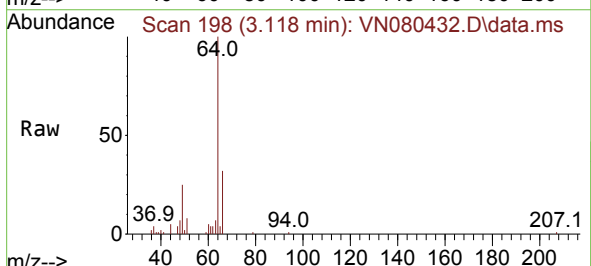
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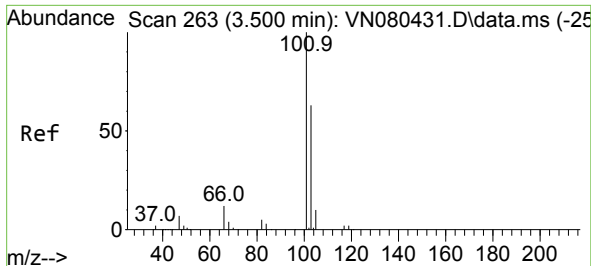
Tgt Ion: 94 Resp: 35309
Ion Ratio Lower Upper
94 100
96 99.4 73.1 109.7



#6
Chloroethane
Concen: 22.224 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 64 Resp: 53387
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2

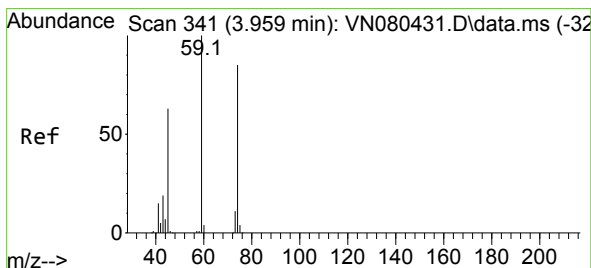
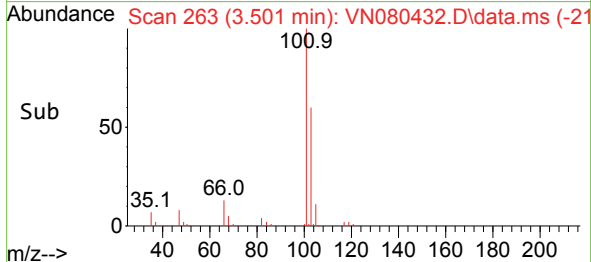
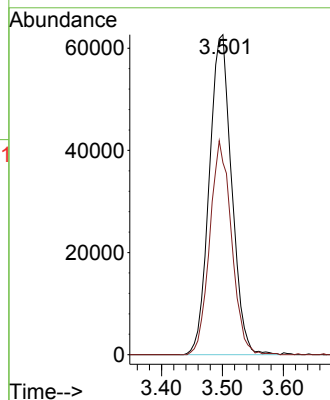
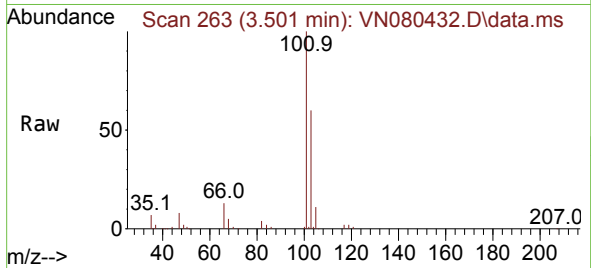




#7
 Trichlorofluoromethane
 Concen: 21.113 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

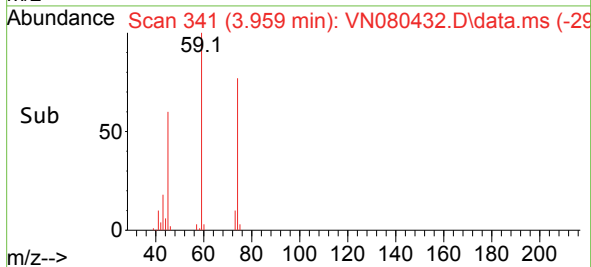
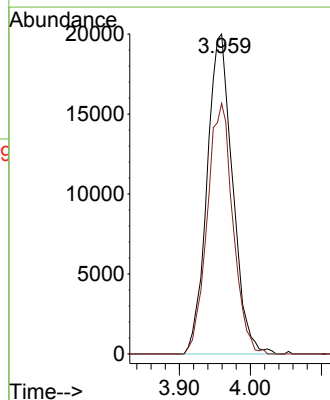
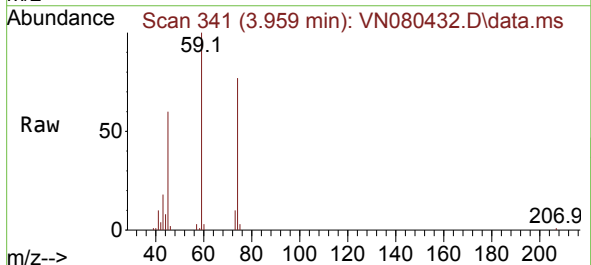
Instrument :
 MSVOA_N
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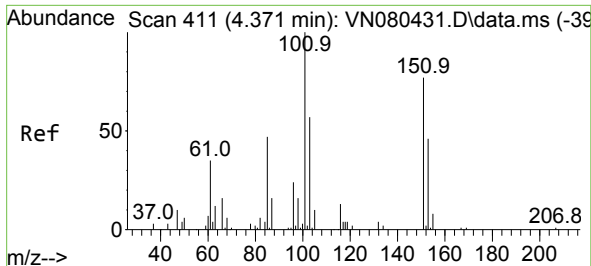
Tgt Ion:101 Resp: 159989
 Ion Ratio Lower Upper
 101 100
 103 60.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.968 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion: 74 Resp: 50046
 Ion Ratio Lower Upper
 74 100
 45 78.6 34.4 103.3

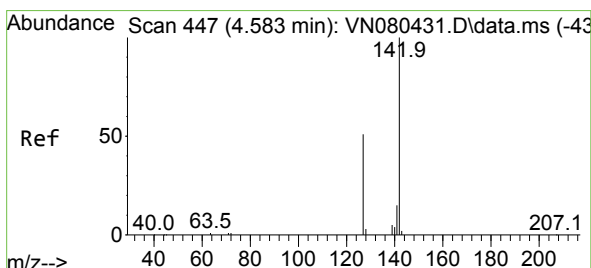
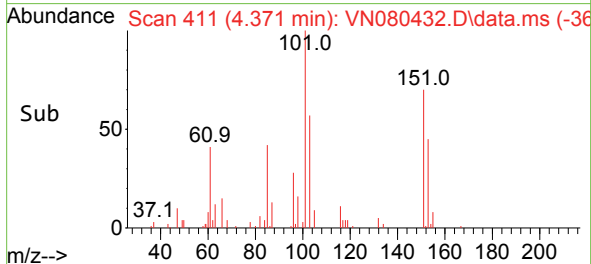
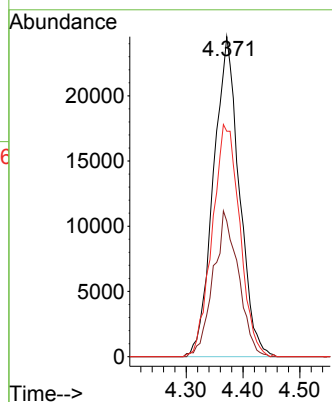
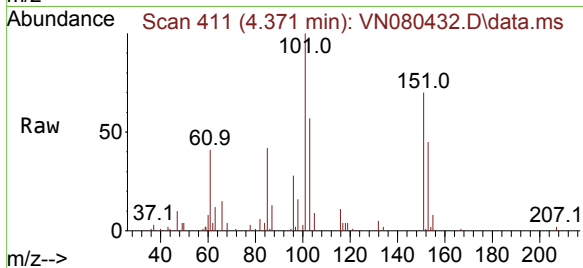




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.607 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080432.D
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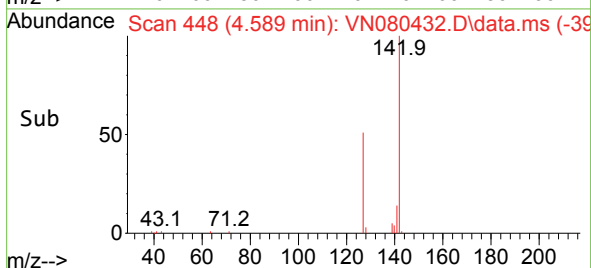
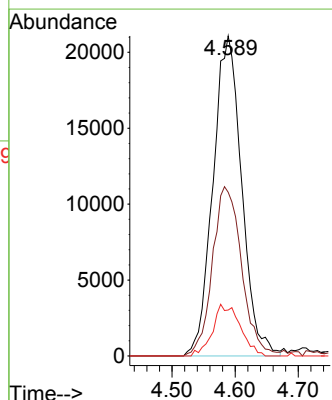
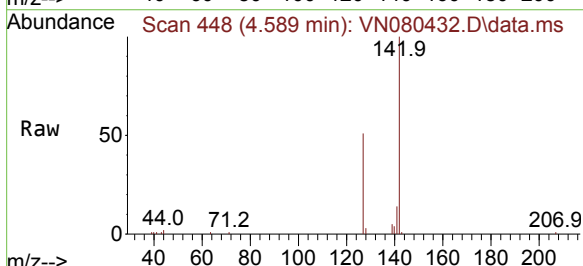
Instrument :
MSVOA_N
ClientSampleId :

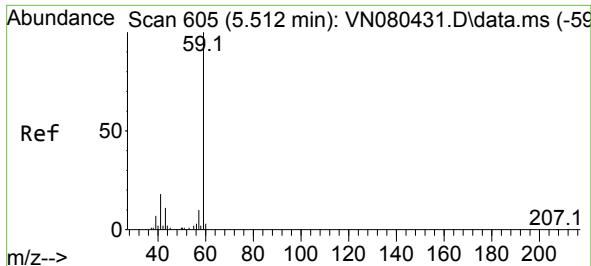
Tgt Ion:101 Resp: 77605
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 77.2 57.6 86.4



#10
Methyl Iodide
Concen: 21.075 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

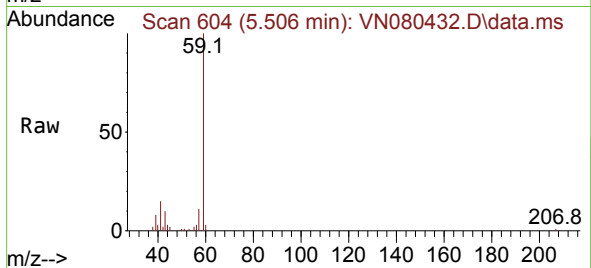
Tgt Ion:142 Resp: 66581
Ion Ratio Lower Upper
142 100
127 51.1 37.6 56.4
141 14.4 11.4 17.0



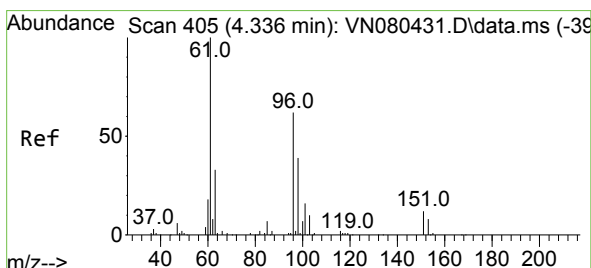
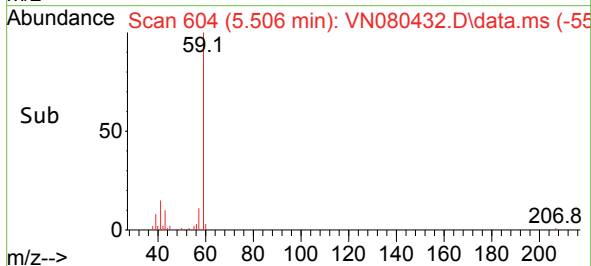
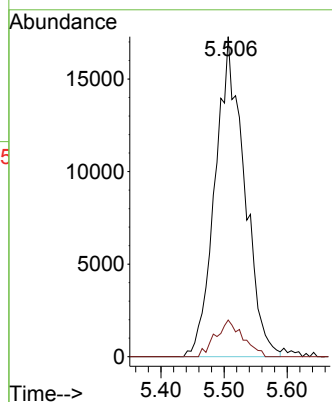


#11
Tert butyl alcohol
Concen: 108.071 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :

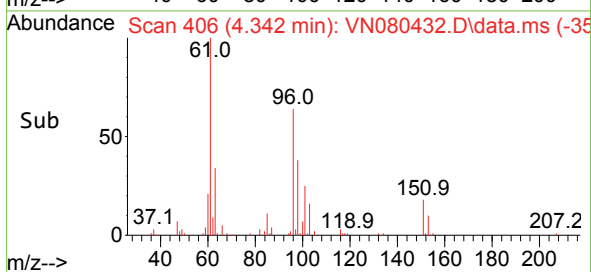
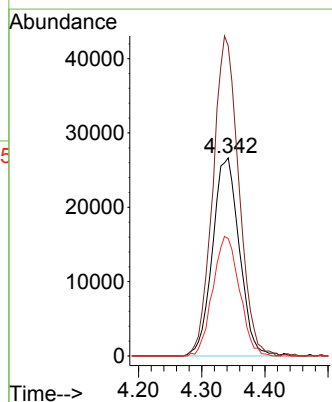
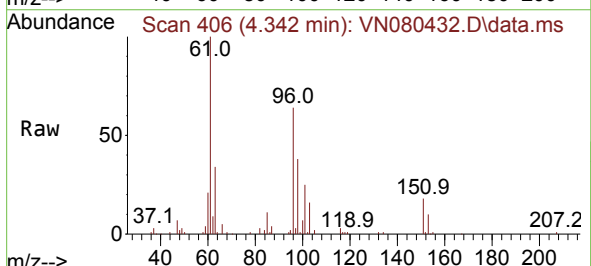


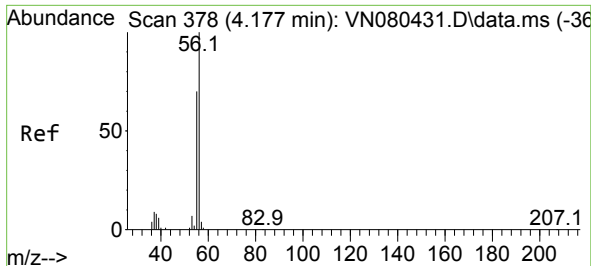
Tgt Ion: 59 Resp: 55651
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.357 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 96 Resp: 78596
Ion Ratio Lower Upper
96 100
61 156.6 112.7 169.1
98 59.3 51.2 76.8

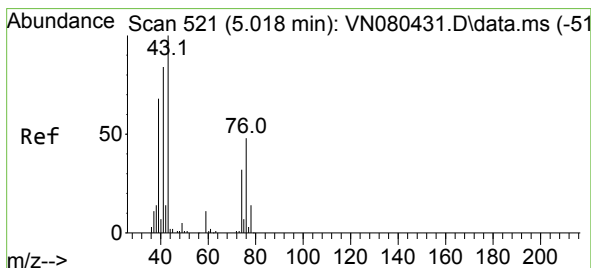
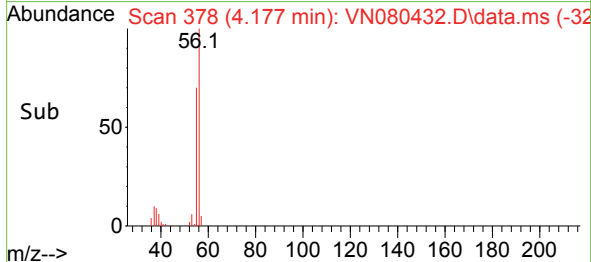
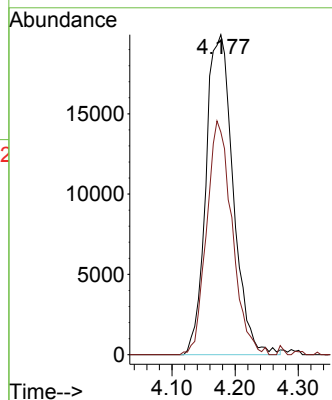
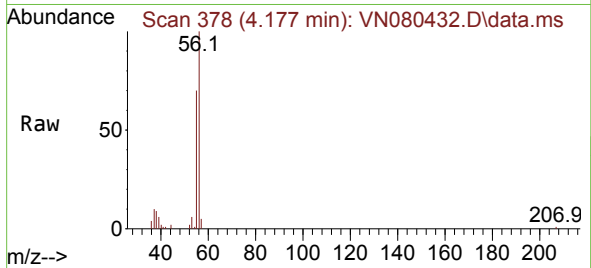




#13
Acrolein
Concen: 105.856 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

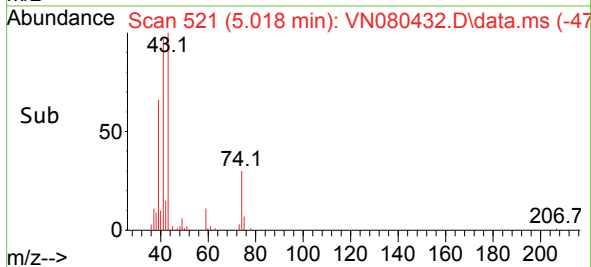
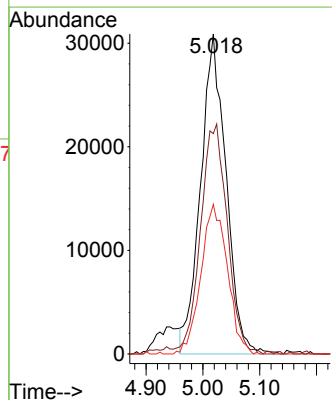
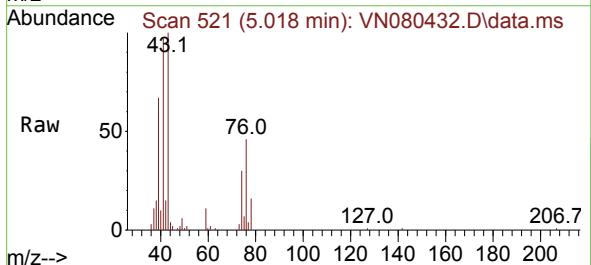
Instrument :
MSVOA_N
ClientSampleId :

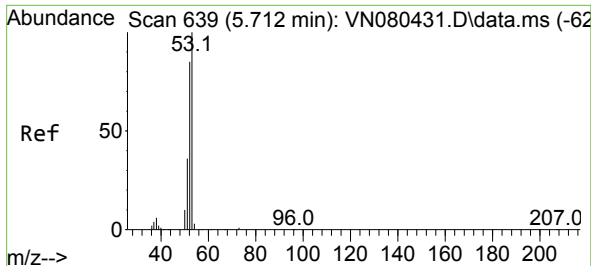
Tgt Ion: 56 Resp: 59696
Ion Ratio Lower Upper
56 100
55 68.4 54.5 81.7



#14
Allyl chloride
Concen: 21.105 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 41 Resp: 96096
Ion Ratio Lower Upper
41 100
39 75.4 58.8 88.2
76 48.6 39.1 58.7

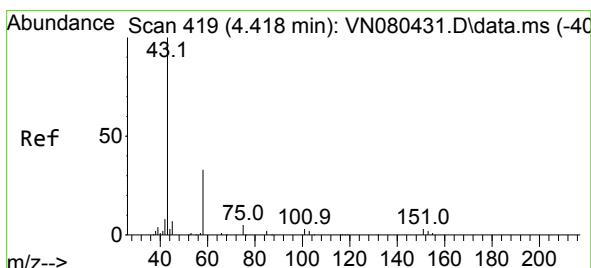
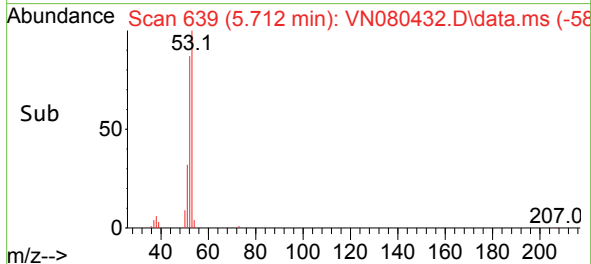
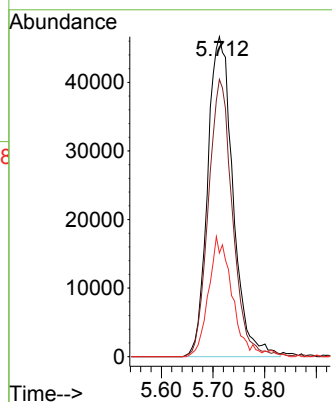
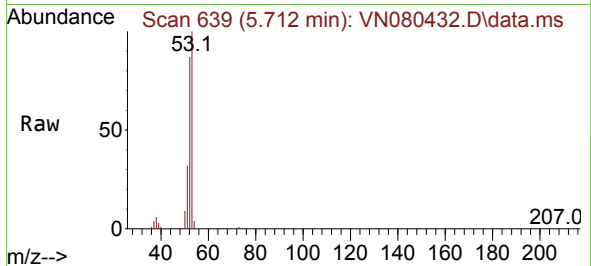




#15
Acrylonitrile
Concen: 108.952 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

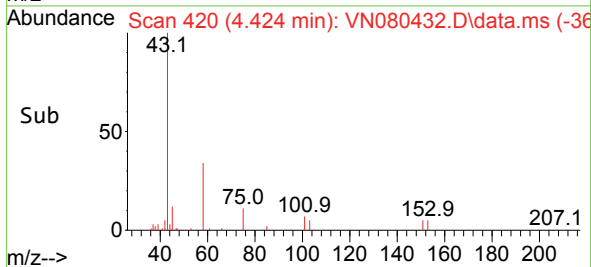
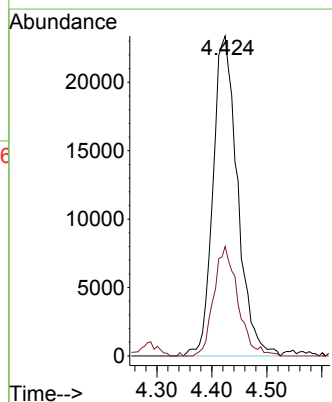
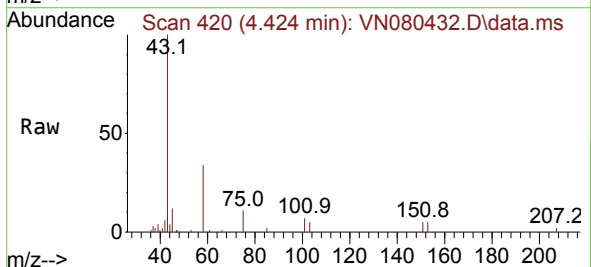
Instrument :
MSVOA_N
ClientSampleId :

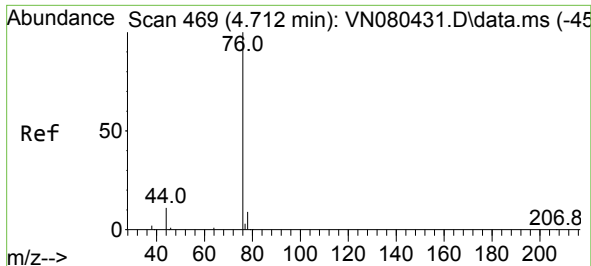
Tgt Ion: 53 Resp: 158526
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 34.7 28.9 43.3



#16
Acetone
Concen: 93.301 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 43 Resp: 72334
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0

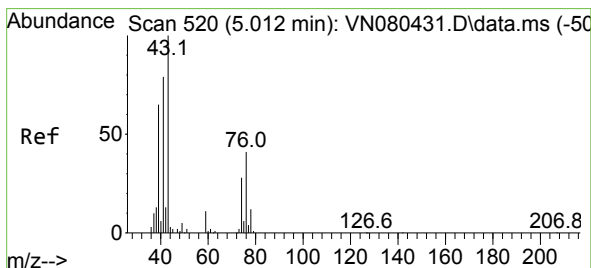
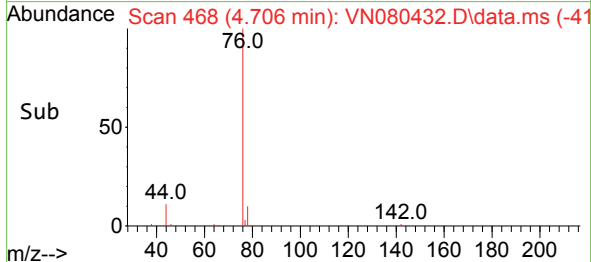
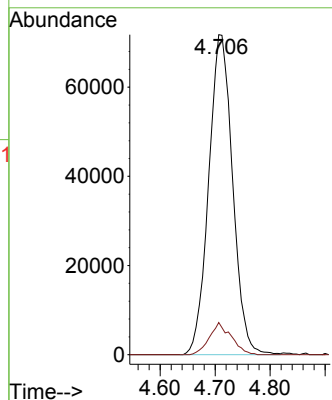
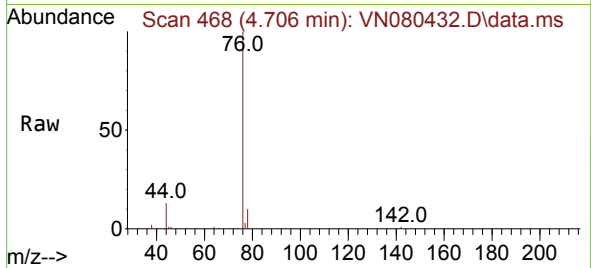




#17
Carbon Disulfide
Concen: 20.836 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

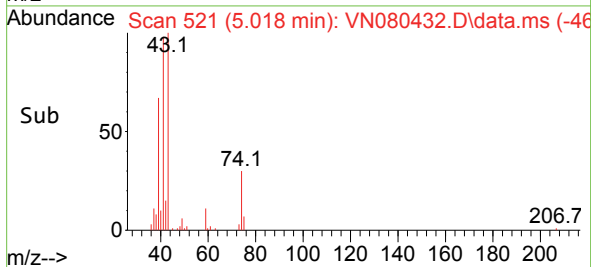
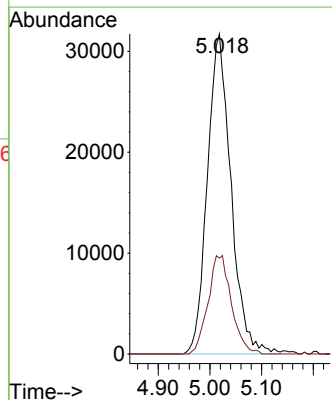
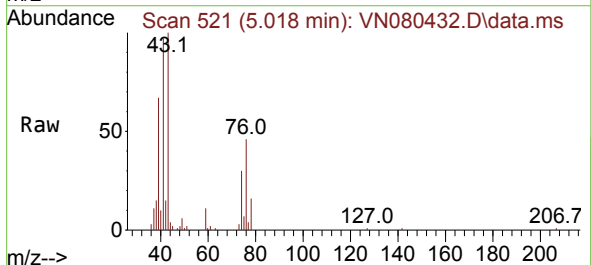
Instrument :
MSVOA_N
ClientSampleId :

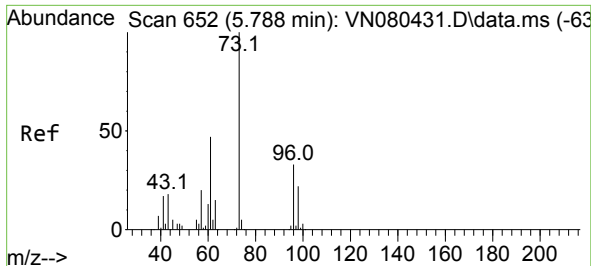
Tgt Ion: 76 Resp: 217313
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.185 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 43 Resp: 100694
Ion Ratio Lower Upper
43 100
74 30.5 26.2 39.4

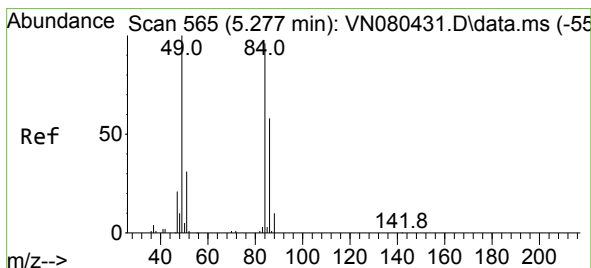
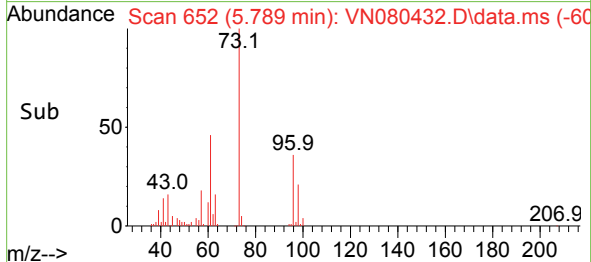
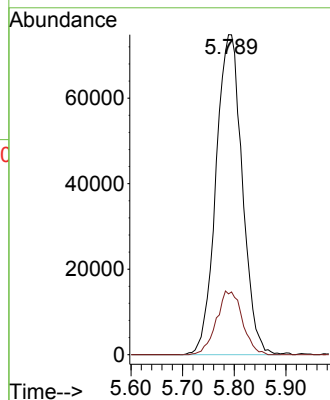
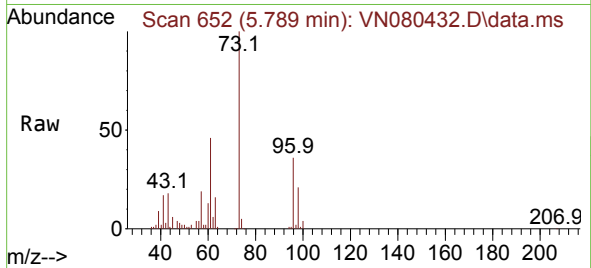




#19
Methyl tert-butyl Ether
Concen: 21.511 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

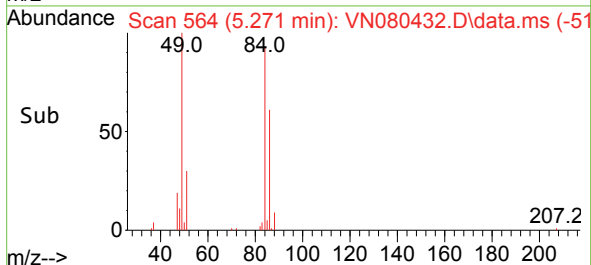
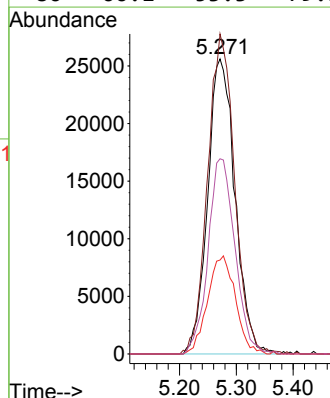
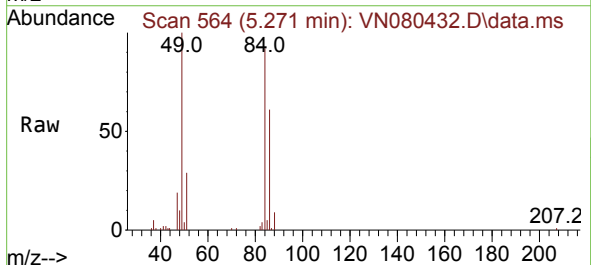
Instrument :
MSVOA_N
ClientSampleId :

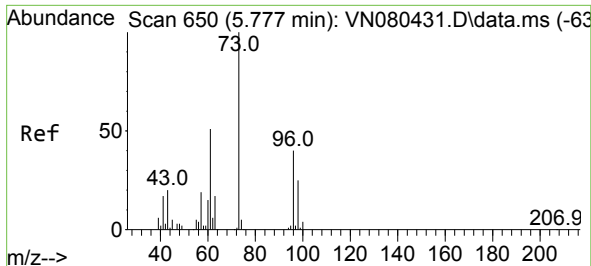
Tgt Ion: 73 Resp: 264113
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4



#20
Methylene Chloride
Concen: 20.614 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 84 Resp: 85527
Ion Ratio Lower Upper
84 100
49 108.4 79.7 119.5
51 31.8 25.2 37.8
86 66.1 53.3 79.9

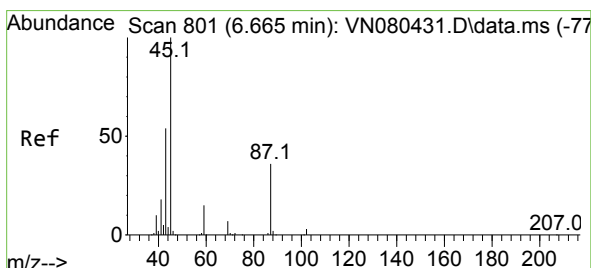
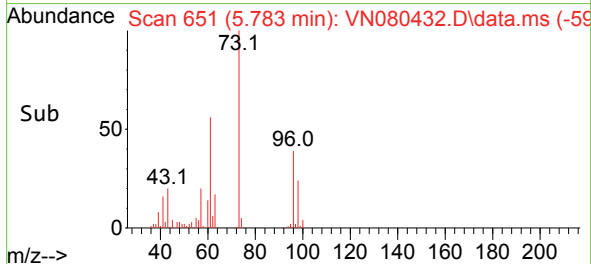
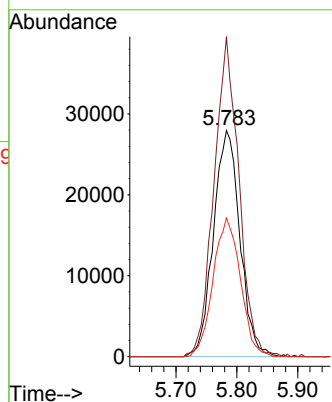
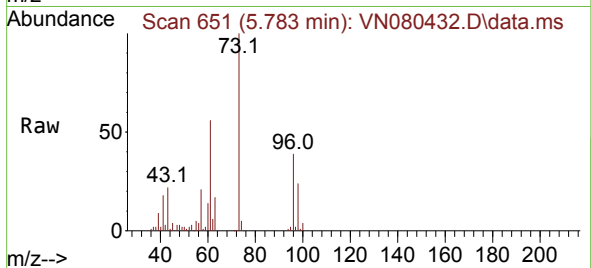




#21
trans-1,2-Dichloroethene
Concen: 21.138 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

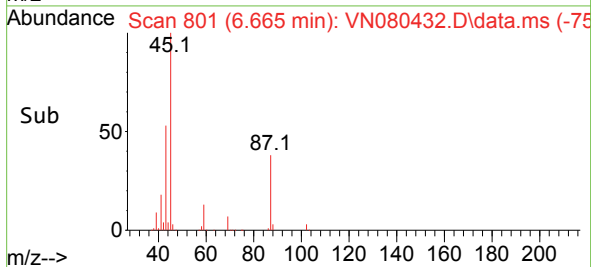
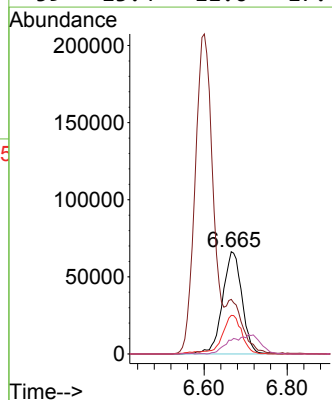
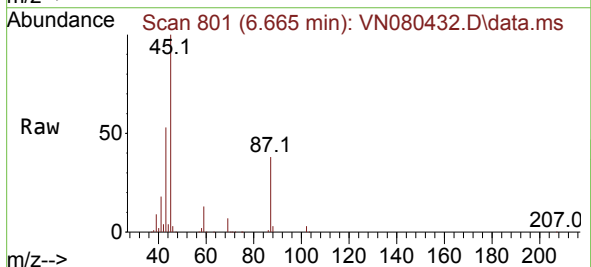
Instrument :
MSVOA_N
ClientSampleId :

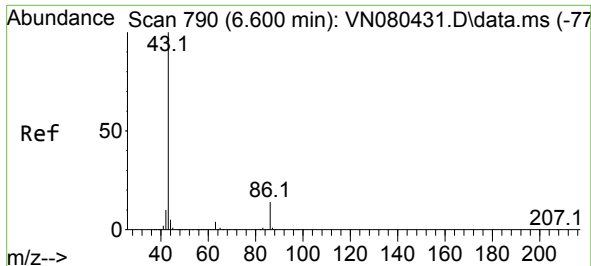
Tgt Ion: 96 Resp: 84350
Ion Ratio Lower Upper
96 100
61 141.4 90.1 135.1#
98 61.3 46.4 69.6



#22
Diisopropyl ether
Concen: 21.879 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 45 Resp: 215016
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 37.8 31.8 47.8
59 13.4 11.6 17.4

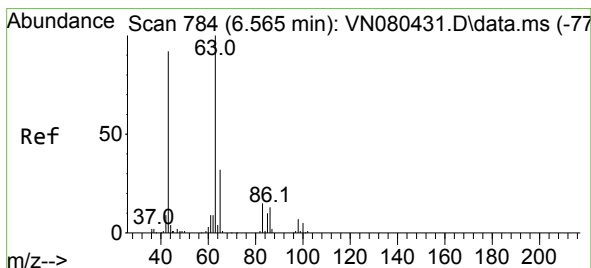
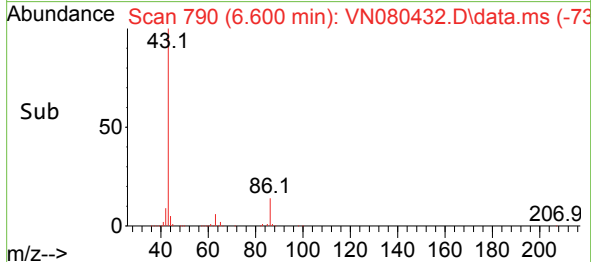
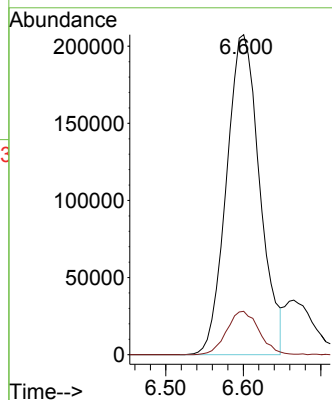
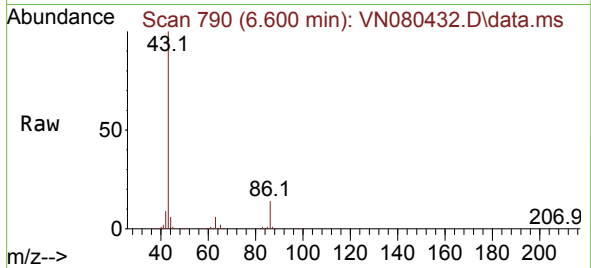




#23
 Vinyl Acetate
 Concen: 109.801 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

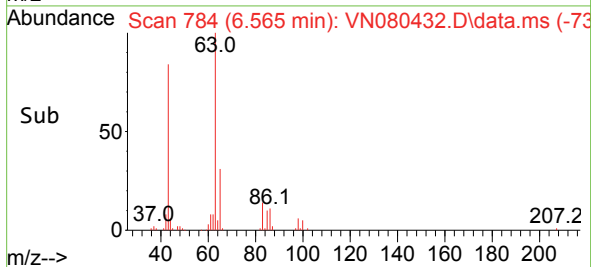
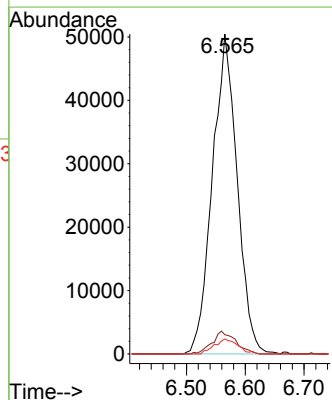
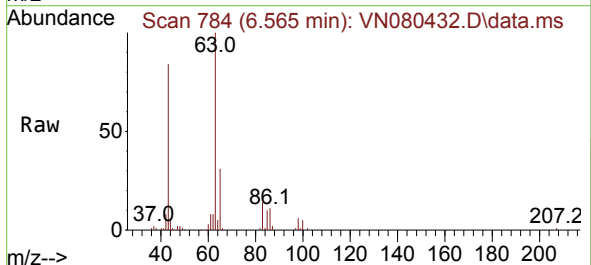
Instrument :
 MSVOA_N
 ClientSampleId :

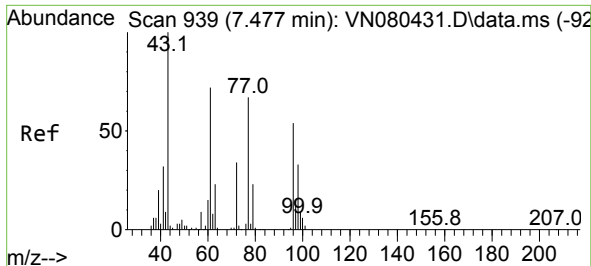
Tgt Ion: 43 Resp: 619737
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 21.537 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion: 63 Resp: 147667
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.7 2.5 7.4

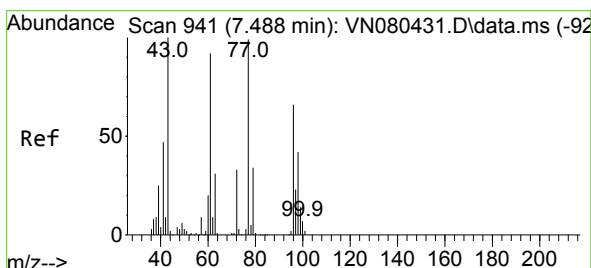
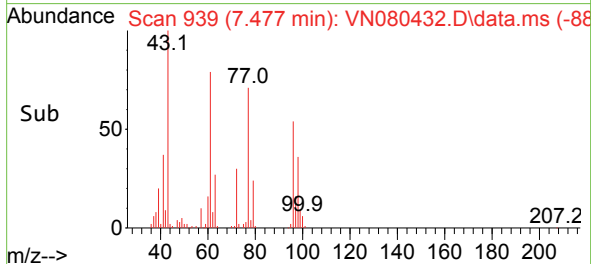
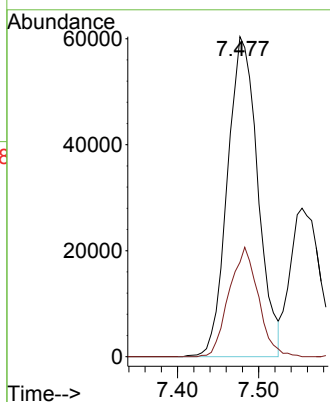
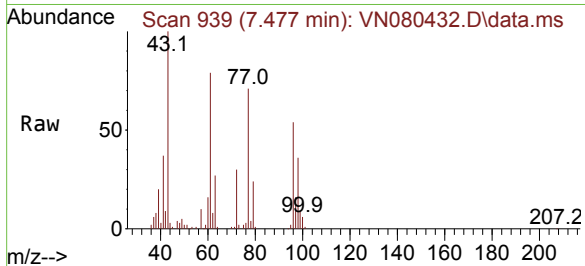




#25
2-Butanone
Concen: 105.222 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

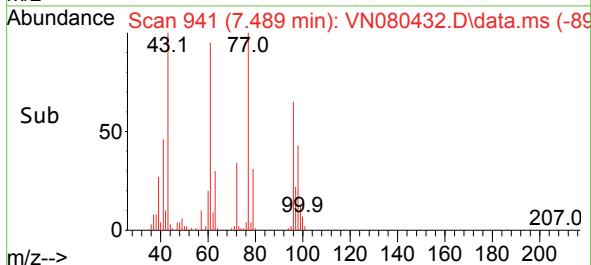
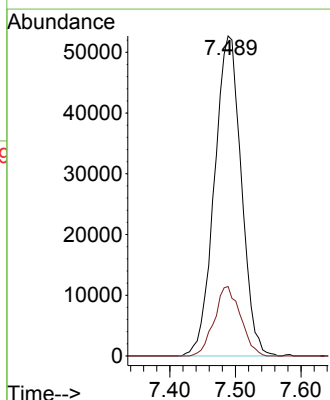
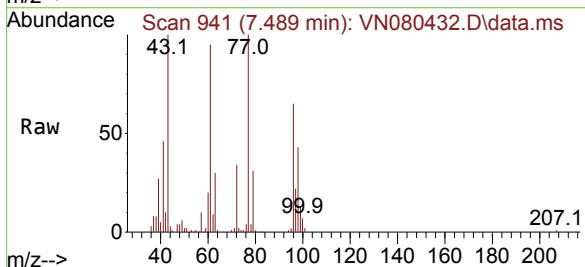
Instrument :
MSVOA_N
ClientSampleId :

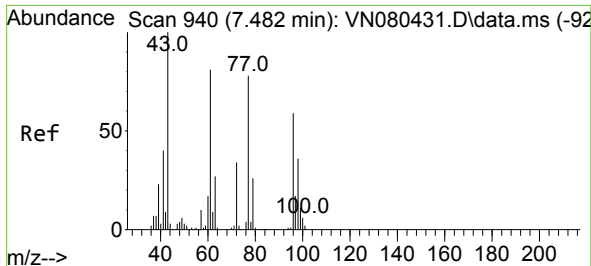
Tgt Ion: 43 Resp: 157150
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.373 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 77 Resp: 149848
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6

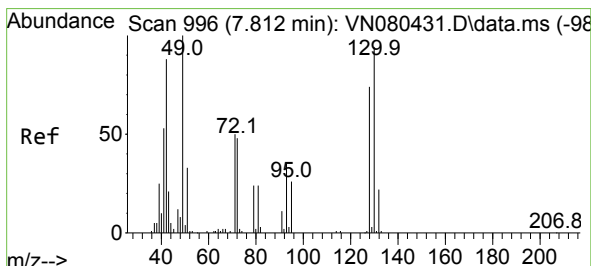
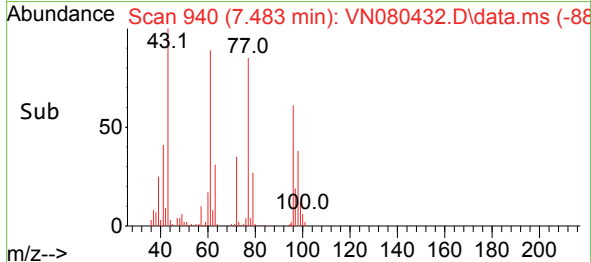
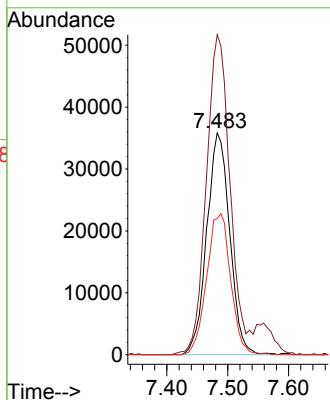
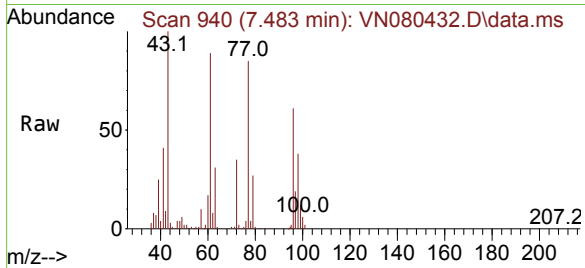




#27
 cis-1,2-Dichloroethene
 Concen: 20.787 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

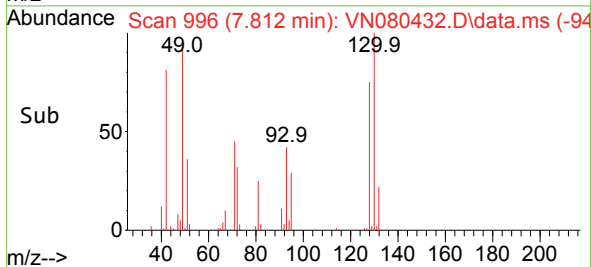
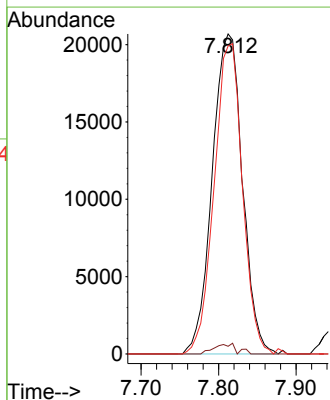
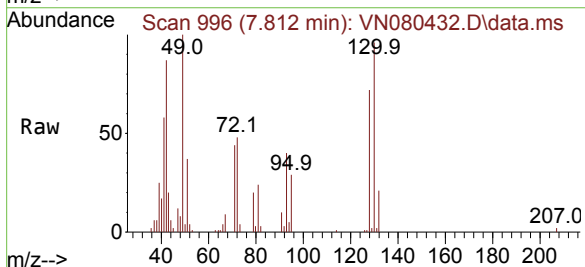
Instrument :
 MSVOA_N
 ClientSampleId :

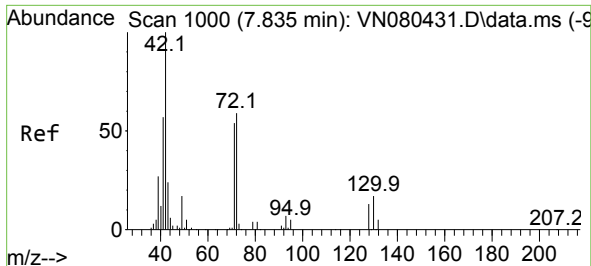
Tgt Ion: 96 Resp: 93890
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 255.2
 98 66.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.289 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion: 49 Resp: 56045
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 109.930 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

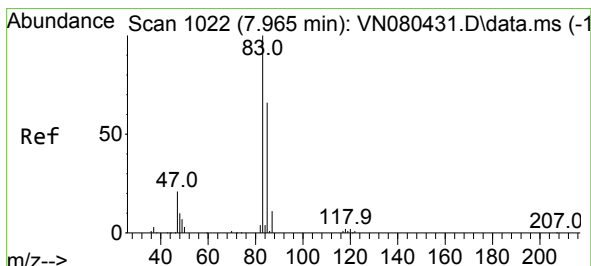
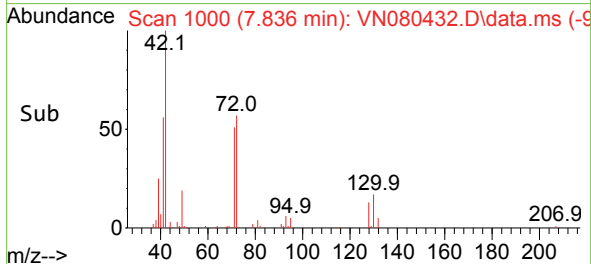
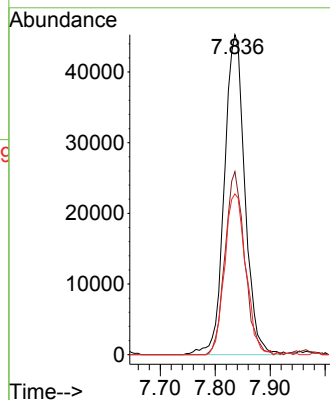
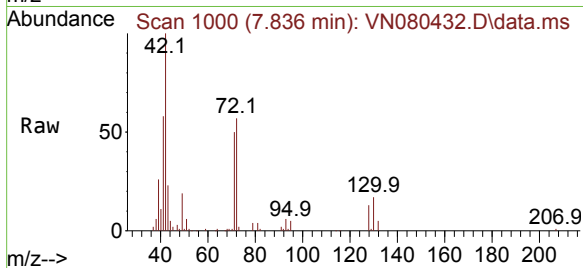
Tgt Ion: 42 Resp: 117567

Ion Ratio Lower Upper

42 100

72 54.6 49.8 74.6

71 51.8 47.4 71.2



#30

Chloroform

Concen: 21.286 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080432.D

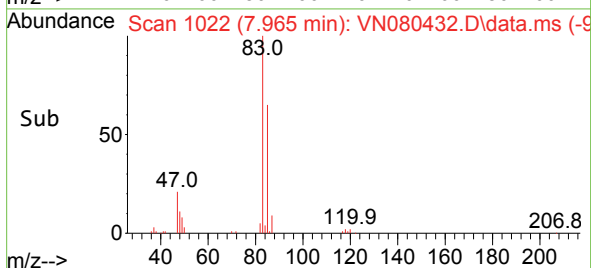
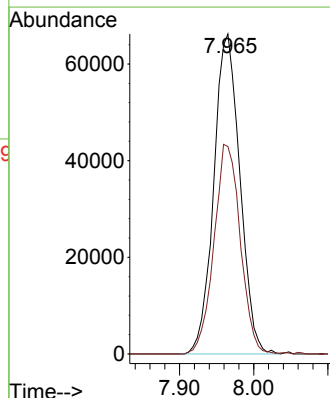
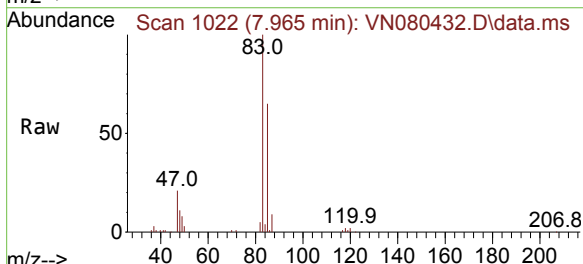
Acq: 12 Dec 2023 10:57

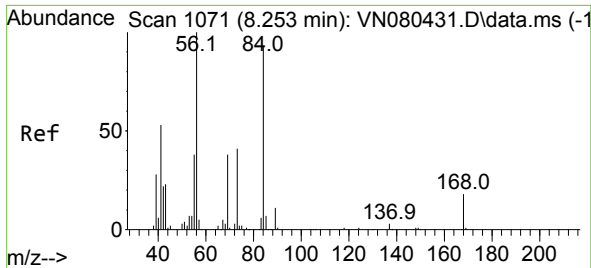
Tgt Ion: 83 Resp: 162001

Ion Ratio Lower Upper

83 100

85 64.9 55.4 83.0

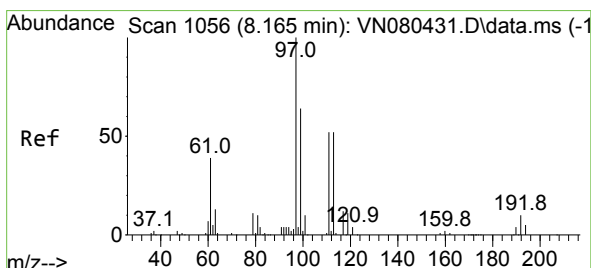
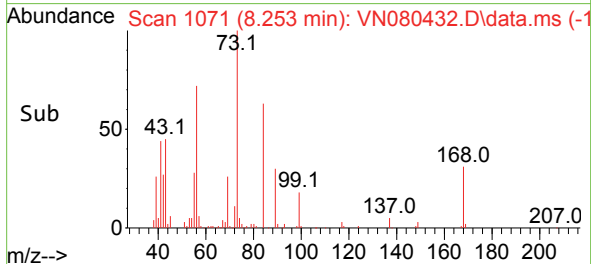
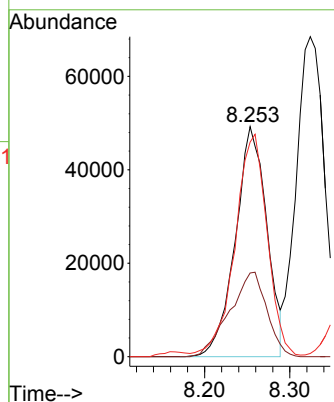
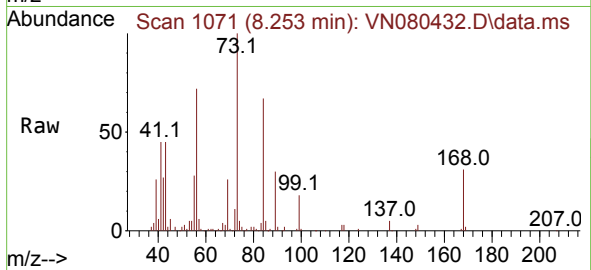




#31
Cyclohexane
Concen: 21.215 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

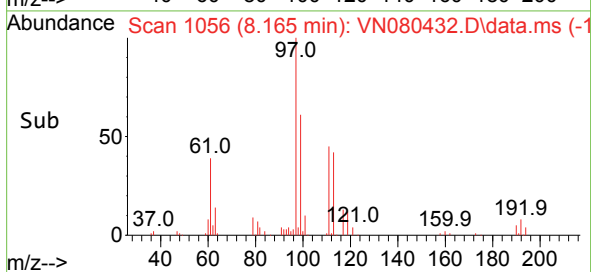
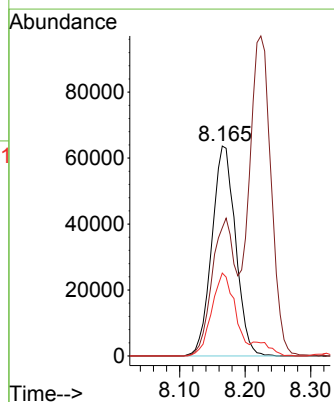
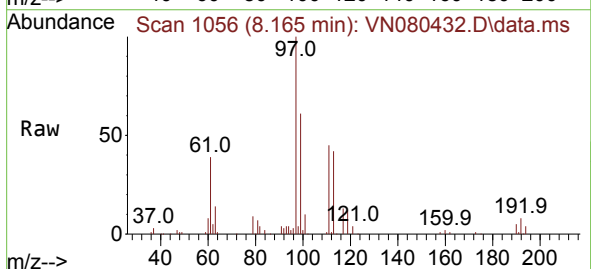
Instrument :
MSVOA_N
ClientSampleId :

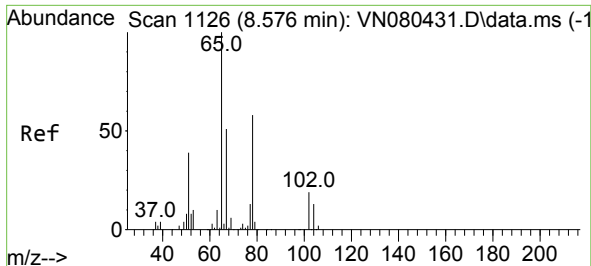
Tgt Ion: 56 Resp: 126145
Ion Ratio Lower Upper
56 100
69 36.4 26.8 40.2
84 91.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 21.414 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 97 Resp: 159570
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 39.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 19.374 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

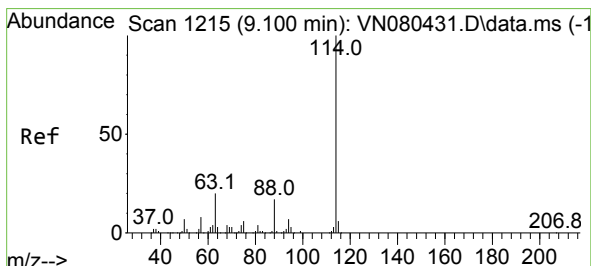
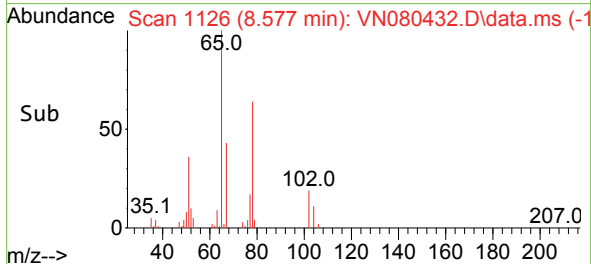
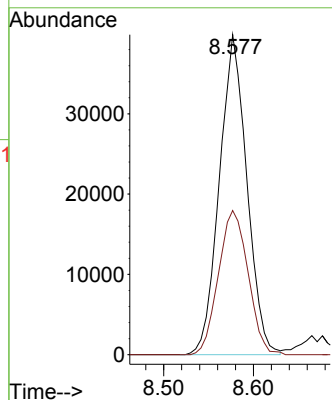
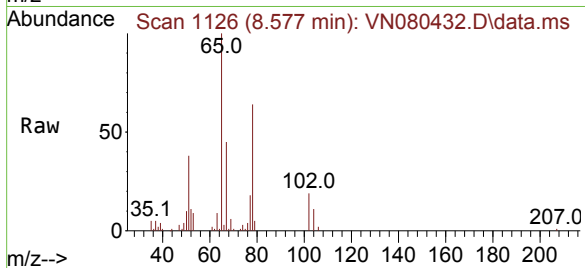
ClientSampleId :

Tgt Ion: 65 Resp: 84712

Ion Ratio Lower Upper

65 100

67 48.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

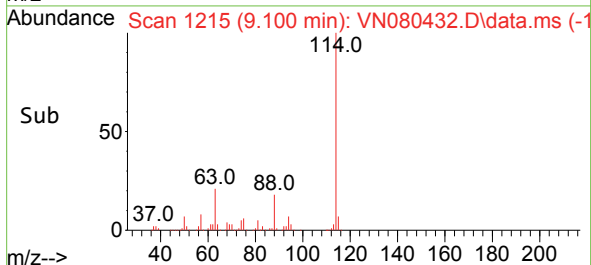
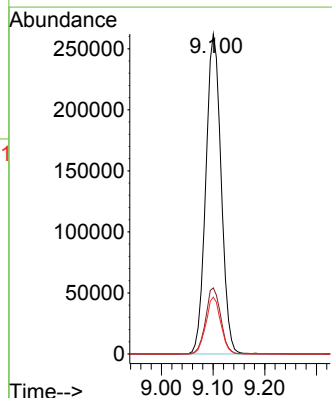
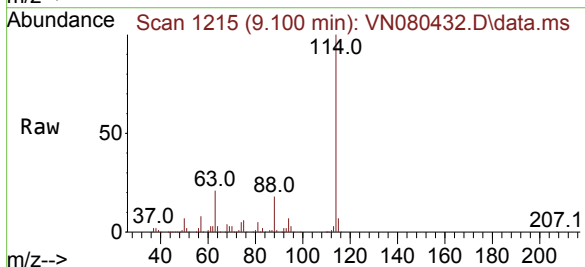
Tgt Ion: 114 Resp: 537941

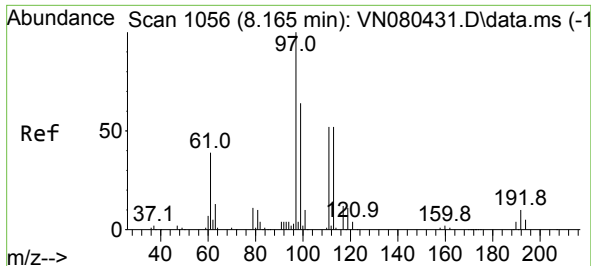
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.7 0.0 30.6

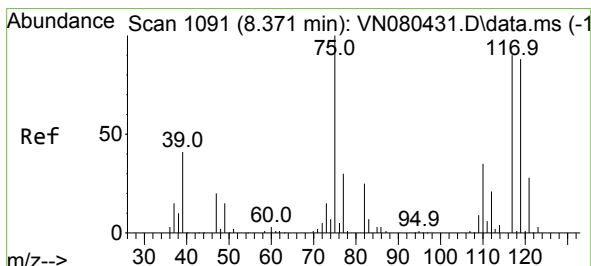
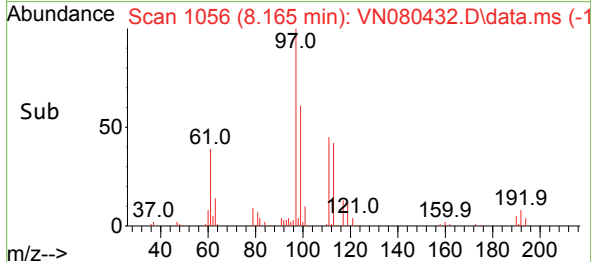
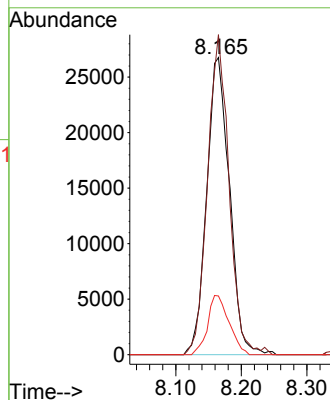
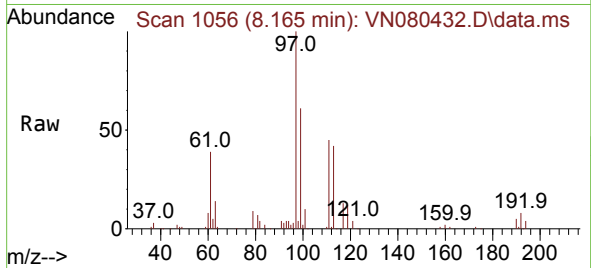




#35
 Dibromofluoromethane
 Concen: 18.951 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

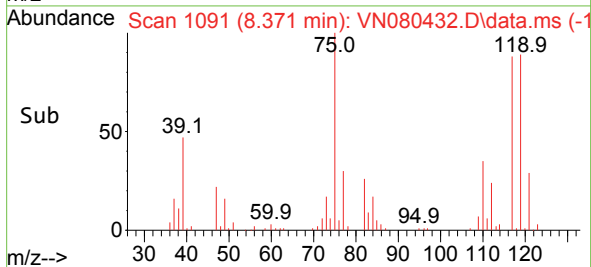
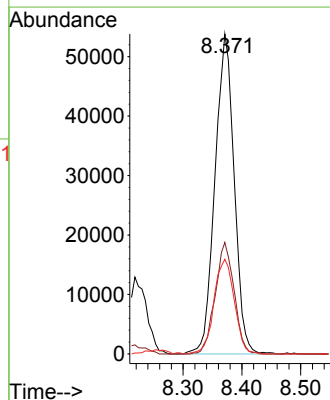
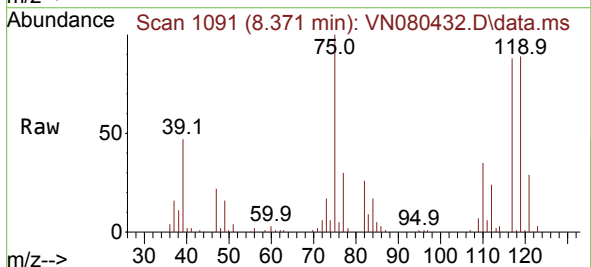
Instrument :
 MSVOA_N
 ClientSampleId :

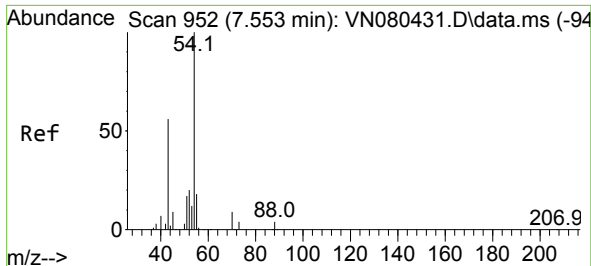
Tgt Ion:113 Resp: 64638
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 18.7 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 21.890 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion: 75 Resp: 122077
 Ion Ratio Lower Upper
 75 100
 110 34.4 19.1 57.3
 77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 21.344 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

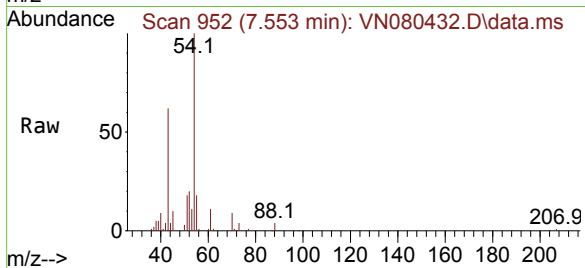
Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :



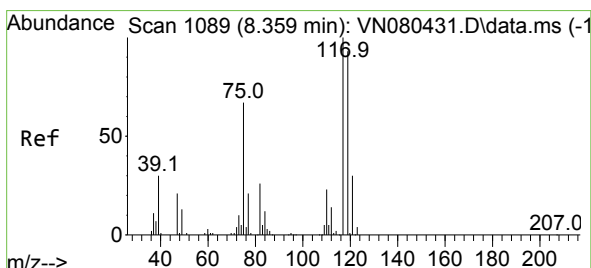
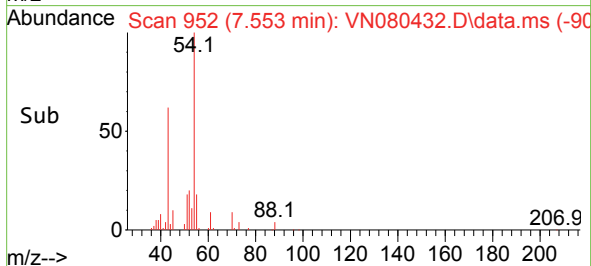
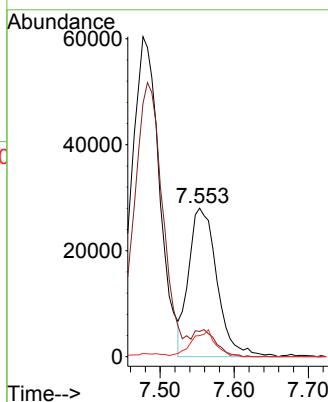
Tgt Ion: 43 Resp: 74539

Ion Ratio Lower Upper

43 100

61 13.8 13.2 19.8

70 15.0 11.3 16.9



#38

Carbon Tetrachloride

Concen: 21.270 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

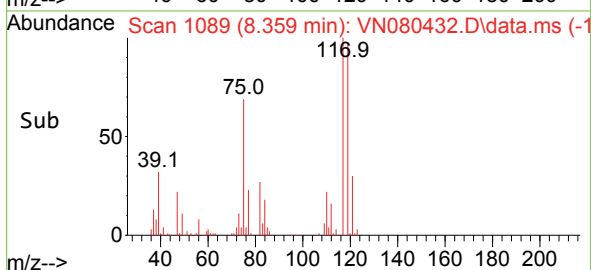
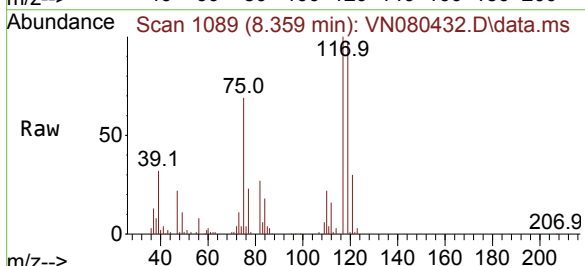
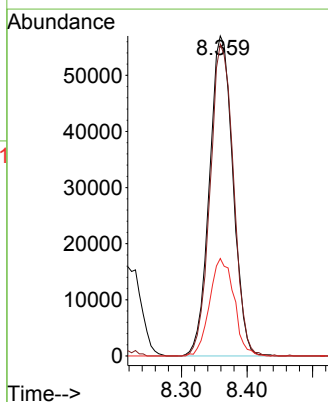
Tgt Ion: 117 Resp: 141734

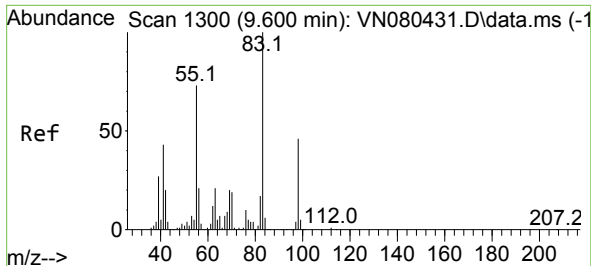
Ion Ratio Lower Upper

117 100

119 97.4 77.3 115.9

121 30.4 23.3 34.9





#39

Methylcyclohexane

Concen: 21.693 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

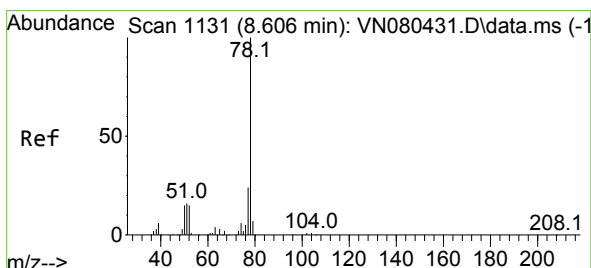
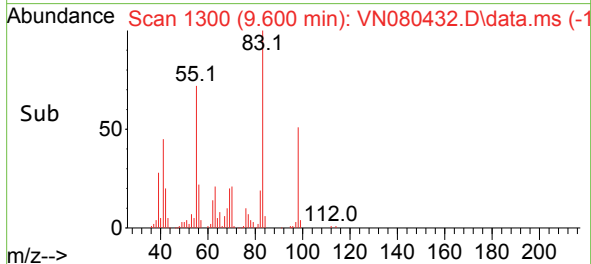
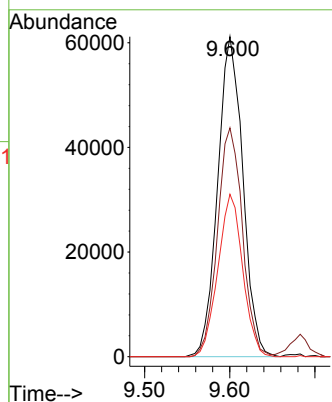
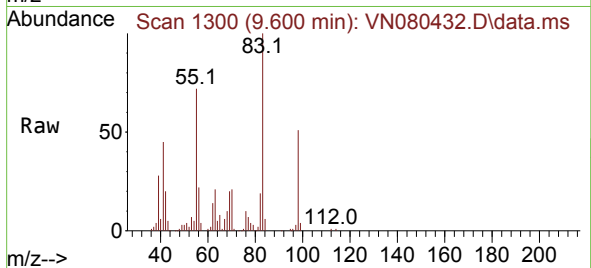
Tgt Ion: 83 Resp: 125675

Ion Ratio Lower Upper

83 100

55 71.5 49.1 73.7

98 50.7 40.6 61.0



#40

Benzene

Concen: 21.540 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080432.D

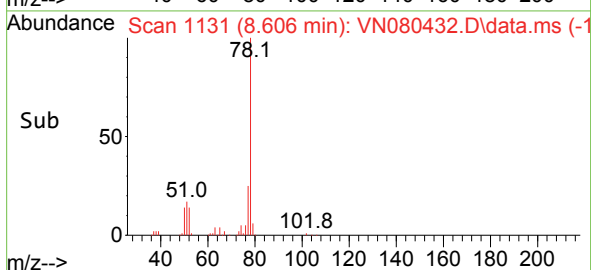
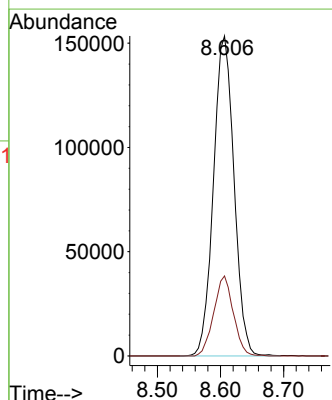
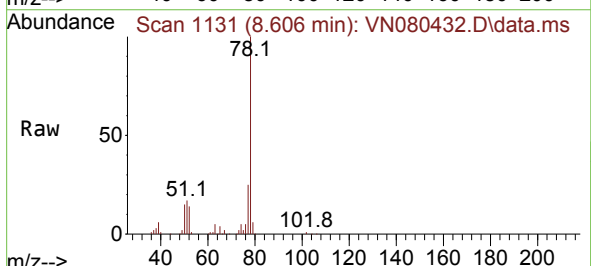
Acq: 12 Dec 2023 10:57

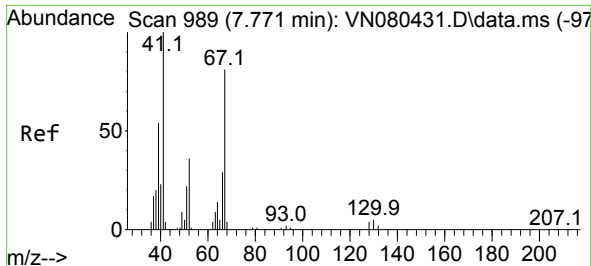
Tgt Ion: 78 Resp: 346883

Ion Ratio Lower Upper

78 100

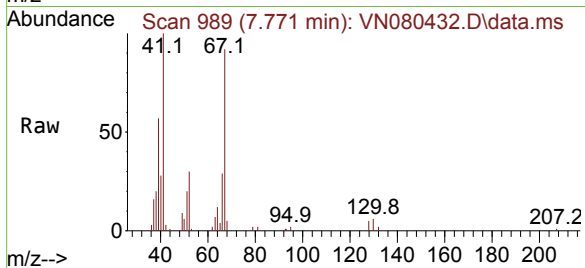
77 25.0 19.0 28.6



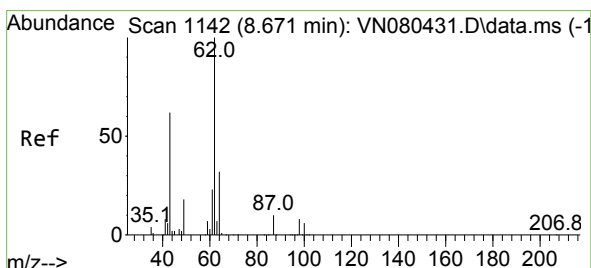
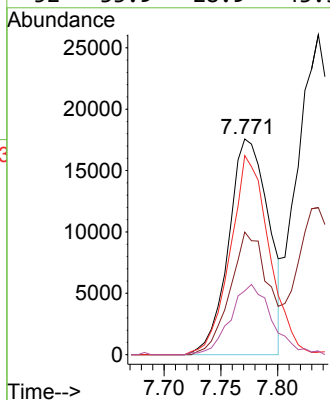
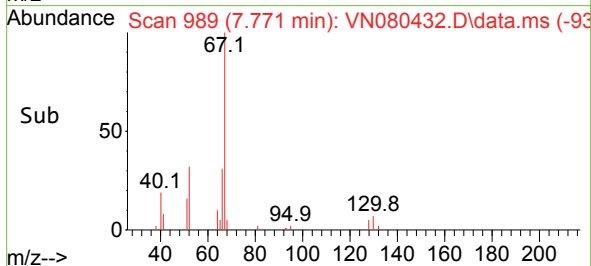


#41
Methacrylonitrile
Concen: 21.360 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

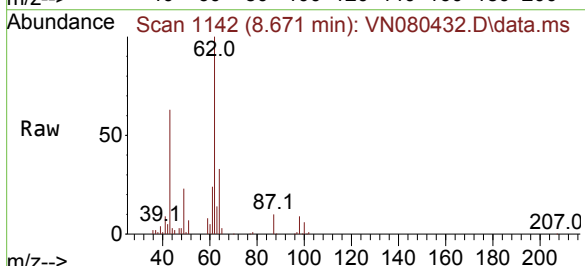
Instrument :
MSVOA_N
ClientSampleId :



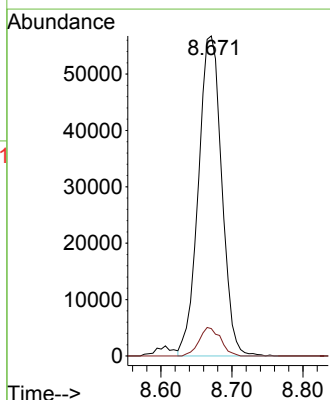
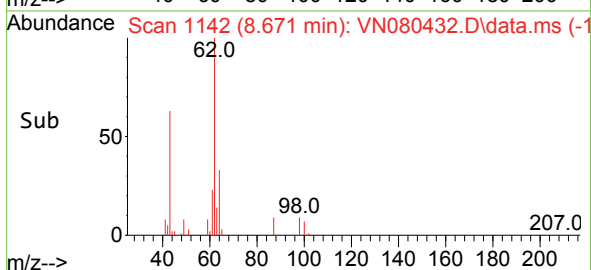
Tgt Ion:	41	Resp:	43003
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	90.3	77.5	116.3
52	33.9	28.9	43.3

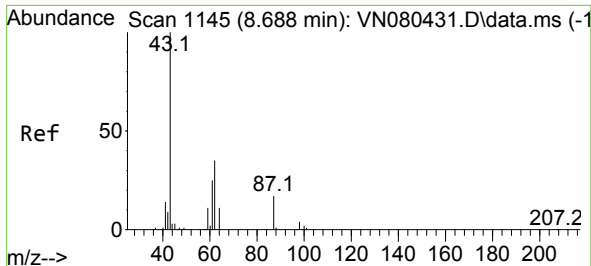


#42
1,2-Dichloroethane
Concen: 21.779 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



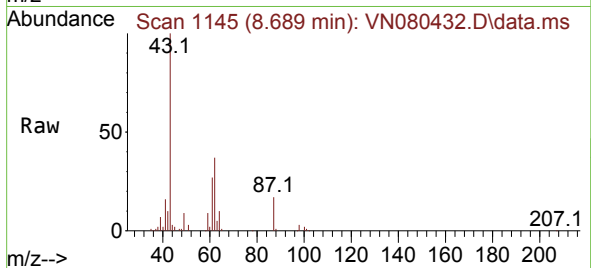
Tgt Ion:	62	Resp:	129879
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	19.8



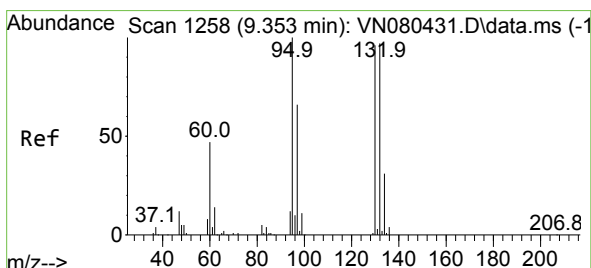
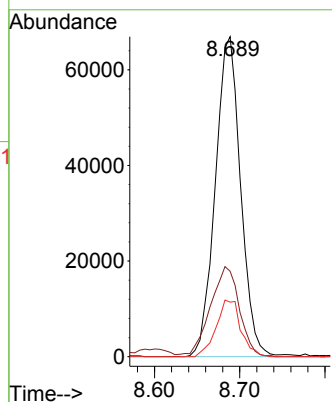
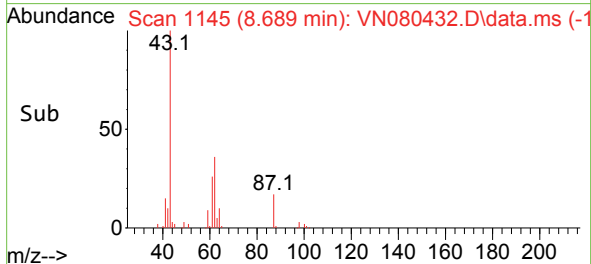


#43
Isopropyl Acetate
Concen: 21.987 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :

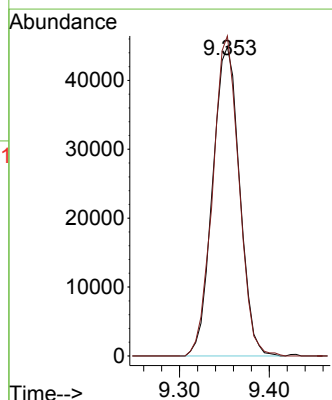
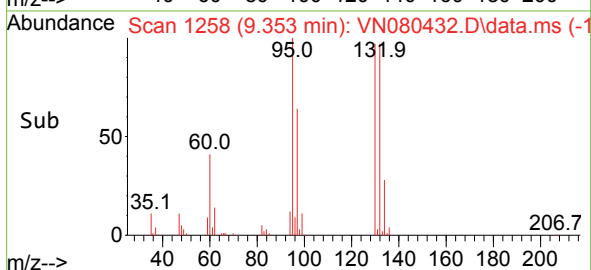
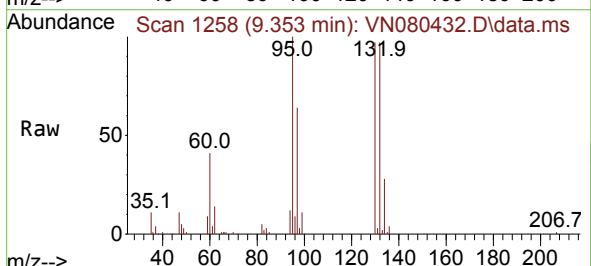


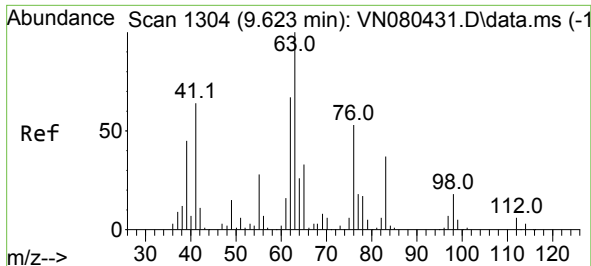
Tgt Ion: 43 Resp: 138060
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 17.3 14.6 21.8



#44
Trichloroethene
Concen: 21.584 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:130 Resp: 93703
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6

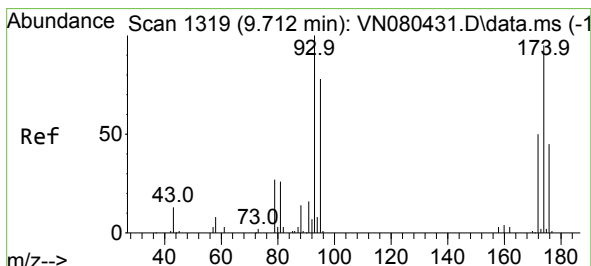
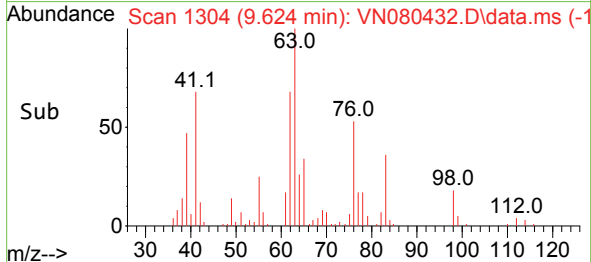
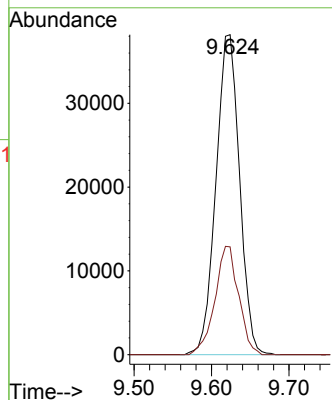
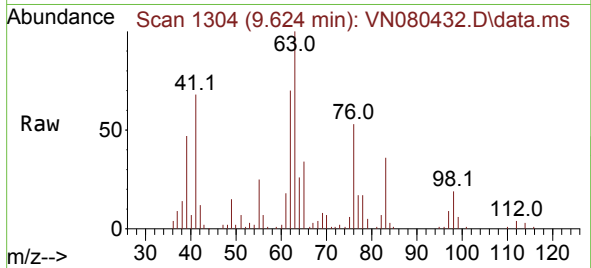




#45
1,2-Dichloropropane
Concen: 21.358 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

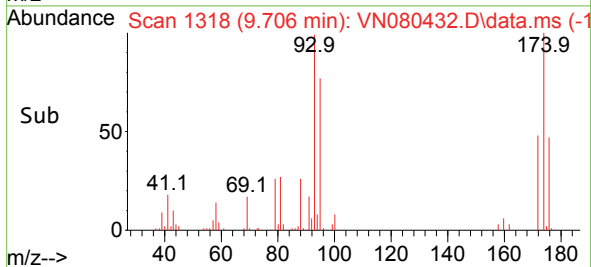
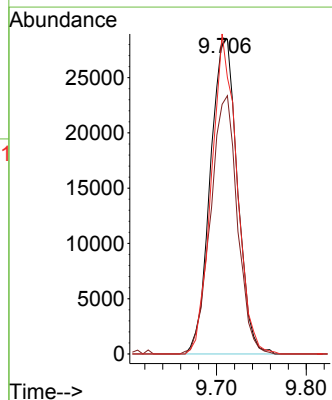
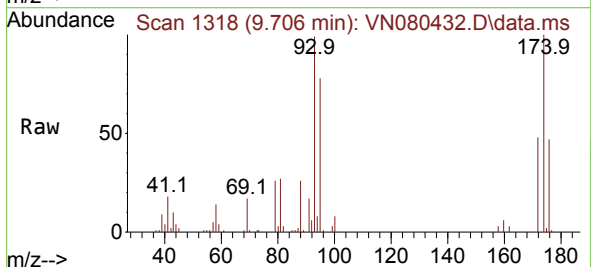
Instrument :
MSVOA_N
ClientSampleId :

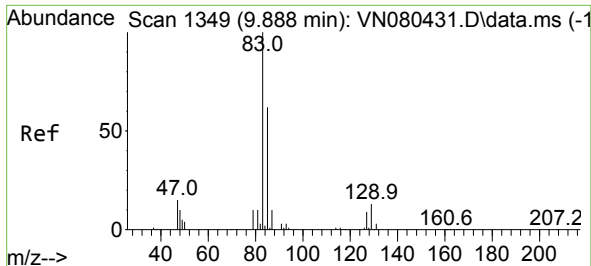
Tgt Ion: 63 Resp: 80784
Ion Ratio Lower Upper
63 100
65 33.7 23.9 35.9



#46
Dibromomethane
Concen: 22.032 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 93 Resp: 59844
Ion Ratio Lower Upper
93 100
95 80.7 63.8 95.8
174 94.9 65.6 98.4





#47

Bromodichloromethane

Concen: 21.874 ug/l

RT: 9.889 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

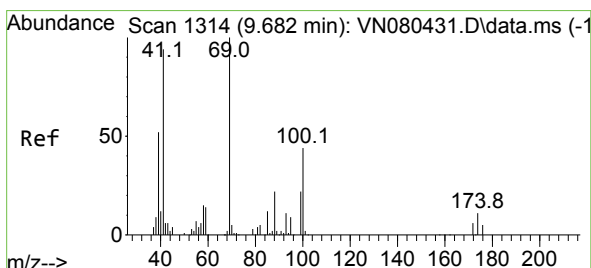
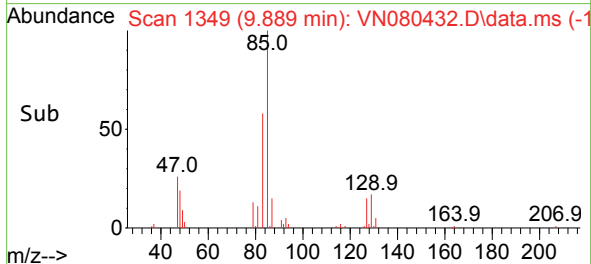
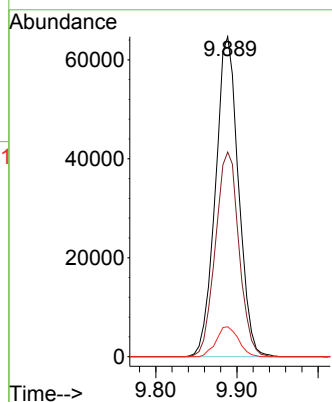
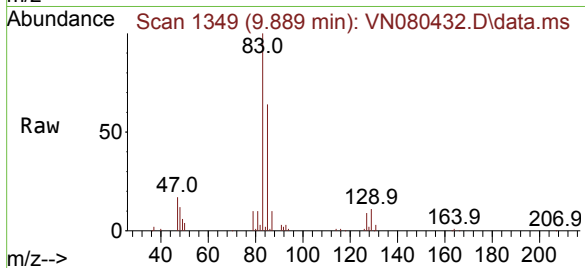
Tgt Ion: 83 Resp: 127335

Ion Ratio Lower Upper

83 100

85 64.0 49.6 74.4

127 9.3 7.0 10.6



#48

Methyl methacrylate

Concen: 21.200 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

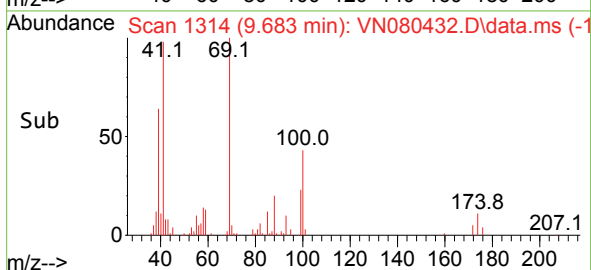
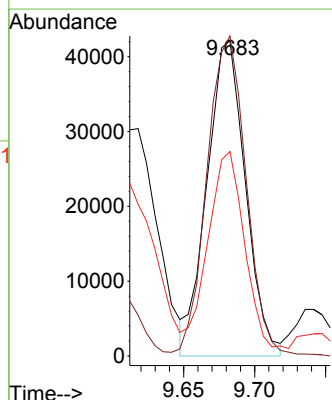
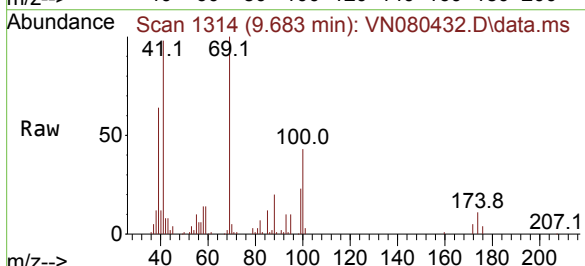
Tgt Ion: 41 Resp: 79438

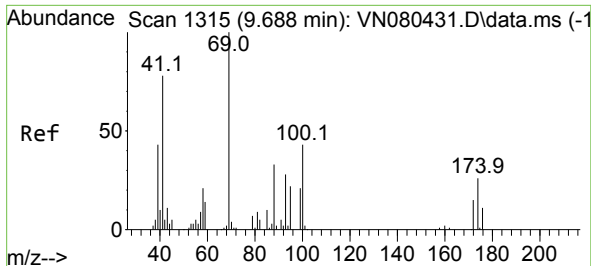
Ion Ratio Lower Upper

41 100

69 103.4 90.4 135.6

39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 422.726 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

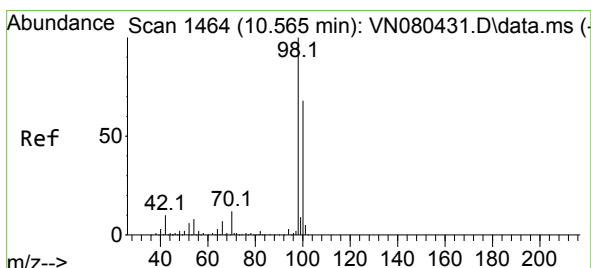
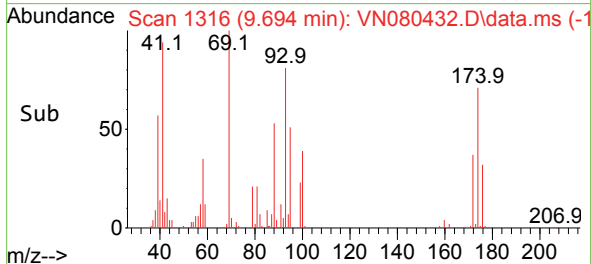
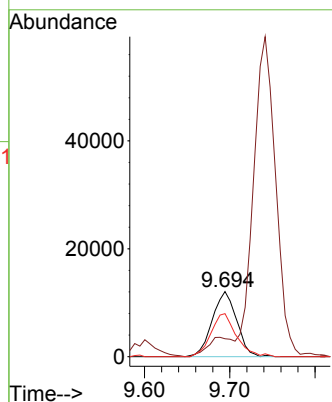
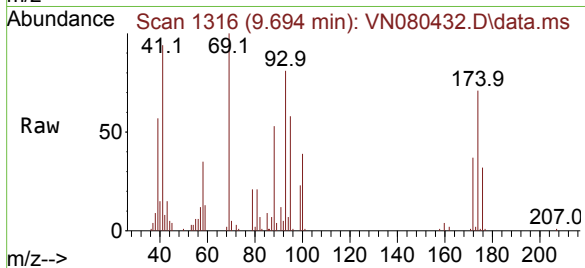
Tgt Ion: 88 Resp: 24009

Ion Ratio Lower Upper

88 100

43 31.7 17.0 25.6#

58 68.9 47.0 70.4



#50

Toluene-d8

Concen: 19.163 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080432.D

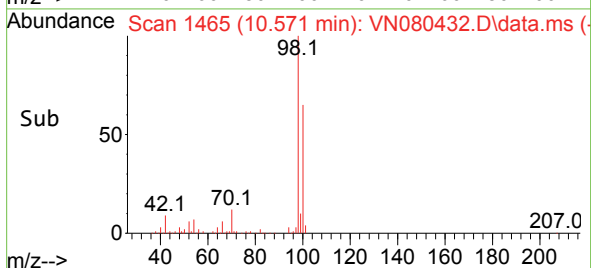
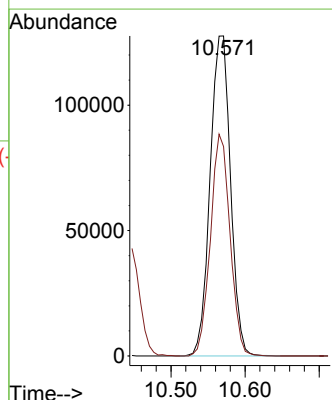
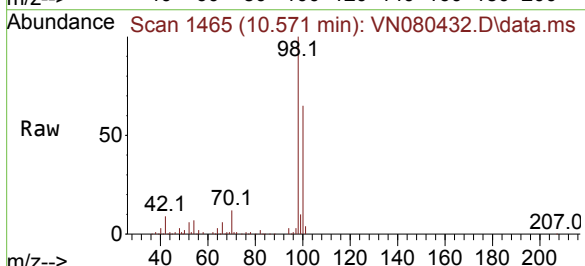
Acq: 12 Dec 2023 10:57

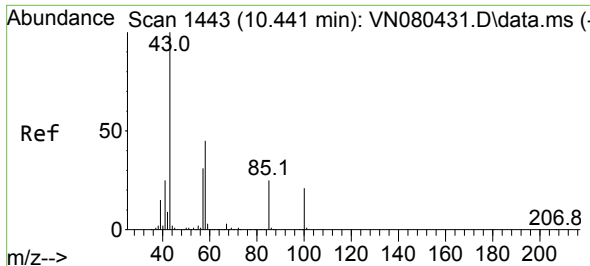
Tgt Ion: 98 Resp: 243766

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0

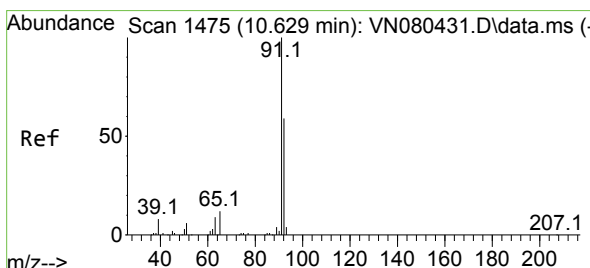
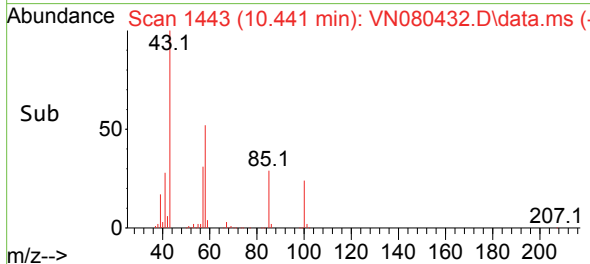
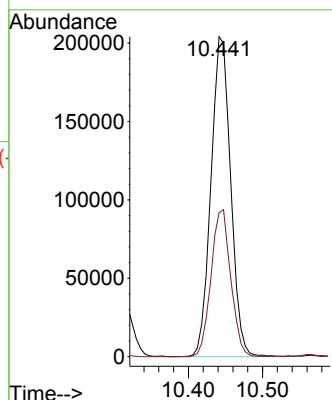
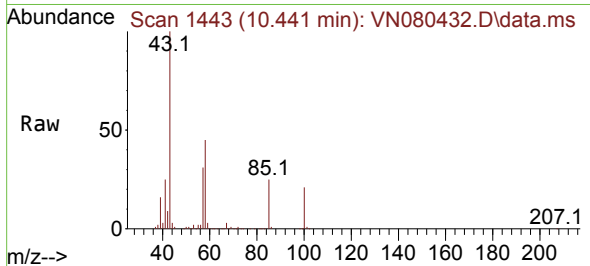




#51
4-Methyl-2-Pentanone
Concen: 109.216 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

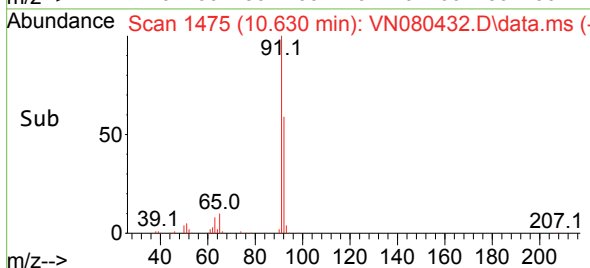
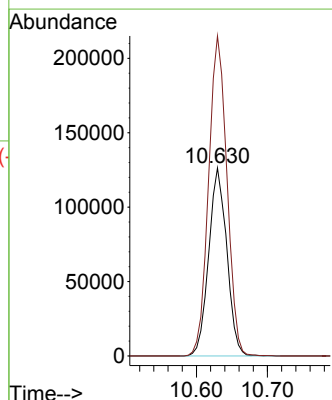
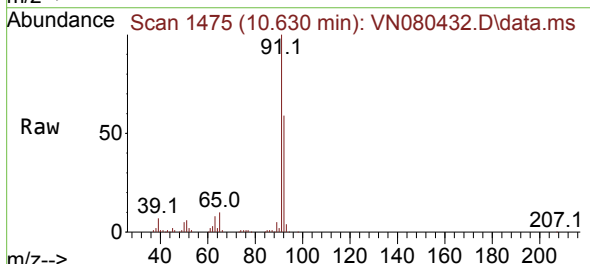
Instrument :
MSVOA_N
ClientSampleId :

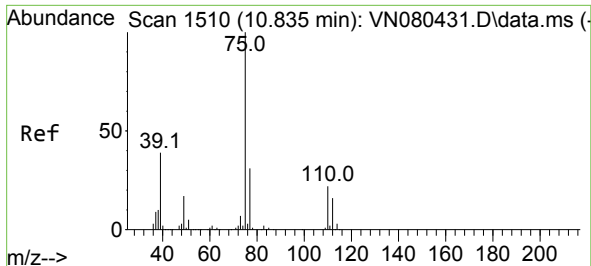
Tgt Ion: 43 Resp: 377685
Ion Ratio Lower Upper
43 100
58 45.9 36.6 54.8



#52
Toluene
Concen: 21.997 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 92 Resp: 223780
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0

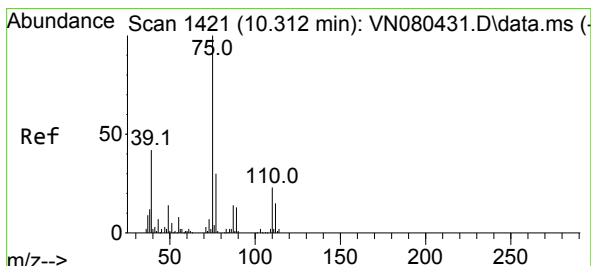
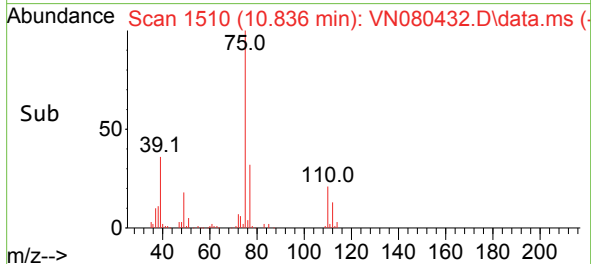
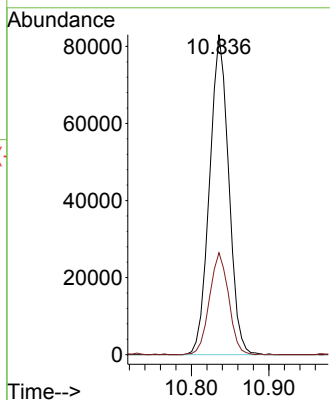
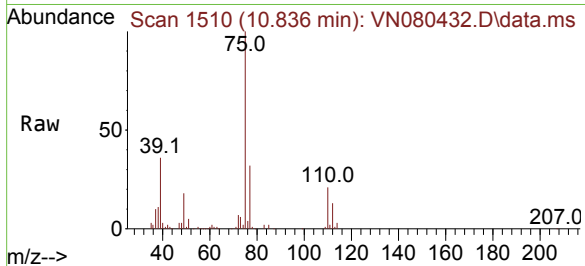




#53
t-1,3-Dichloropropene
Concen: 22.602 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

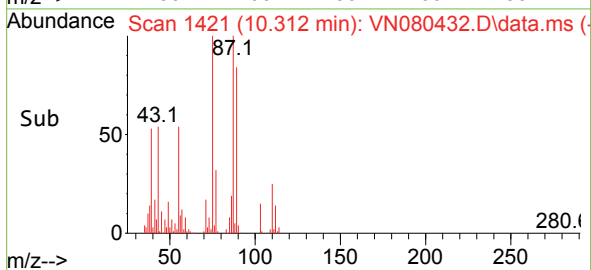
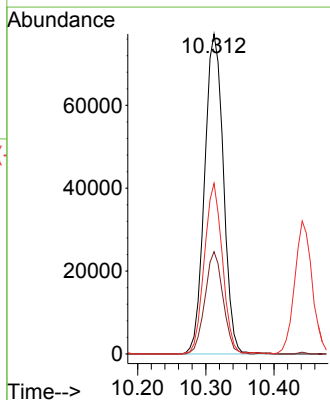
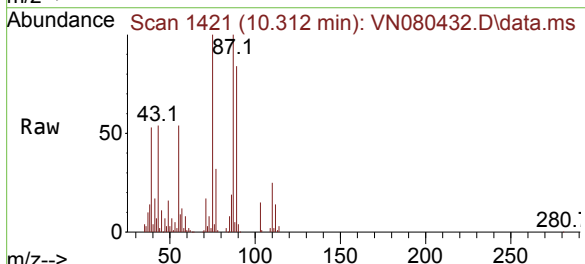
Instrument :
MSVOA_N
ClientSampleId :

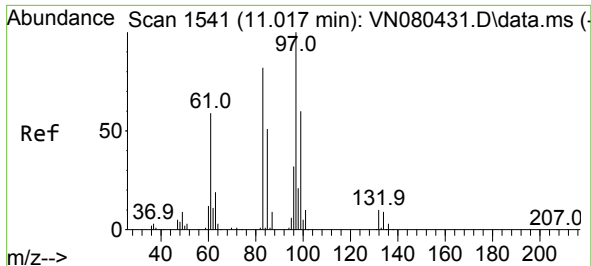
Tgt Ion: 75 Resp: 142355
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 22.049 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 75 Resp: 148439
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 53.3 31.6 47.4#

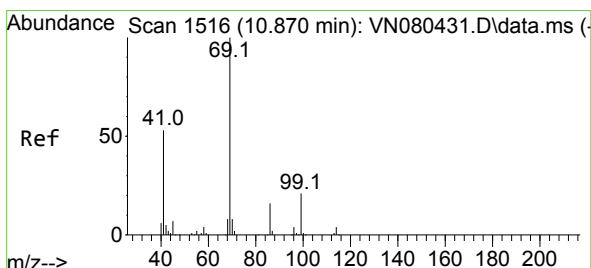
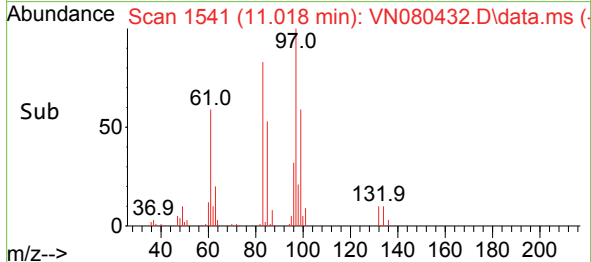
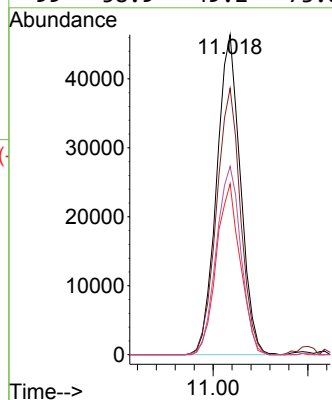
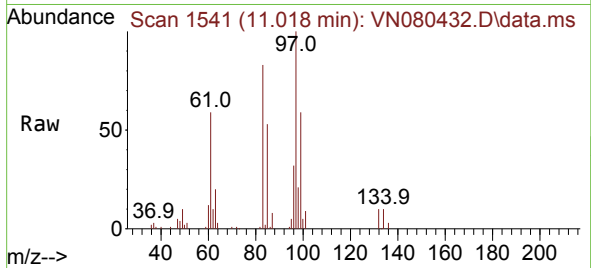




#55
1,1,2-Trichloroethane
Concen: 22.152 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

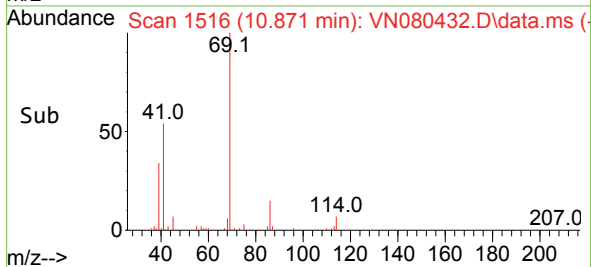
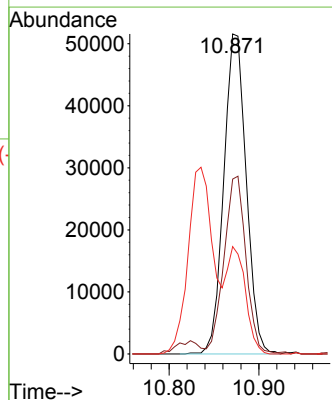
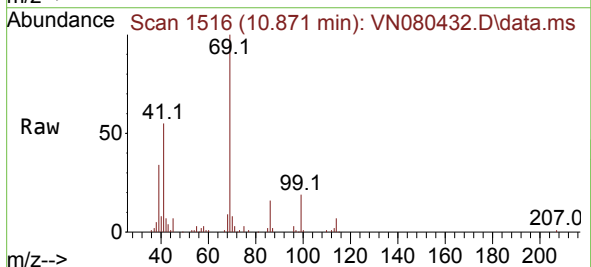
Instrument :
MSVOA_N
ClientSampleId :

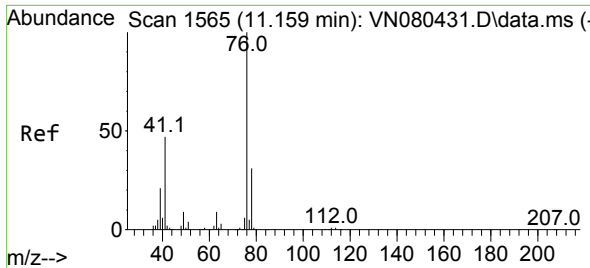
Tgt Ion:	97	Resp:	81090
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	53.4	43.4	65.2
99	58.9	49.2	73.8



#56
Ethyl methacrylate
Concen: 22.107 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:	69	Resp:	89593
Ion	Ratio	Lower	Upper
69	100		
41	54.6	39.6	59.4
39	27.7	28.6	43.0

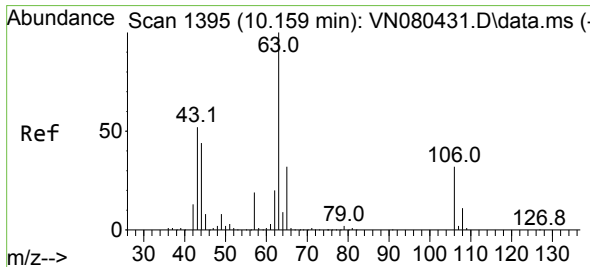
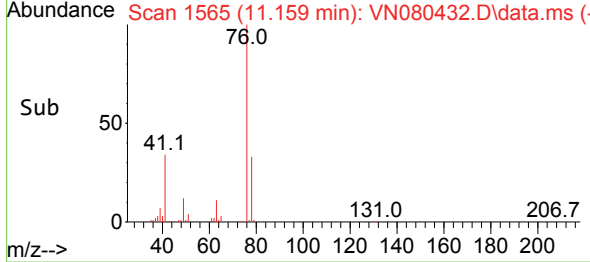
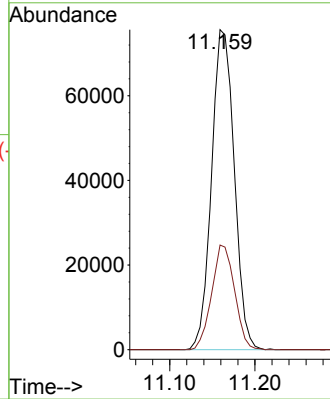
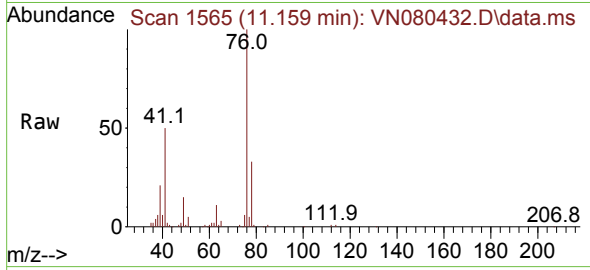




#57
1,3-Dichloropropane
Concen: 21.832 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

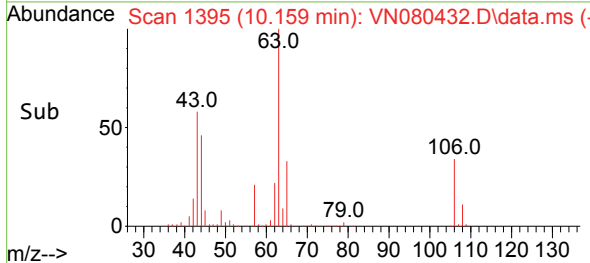
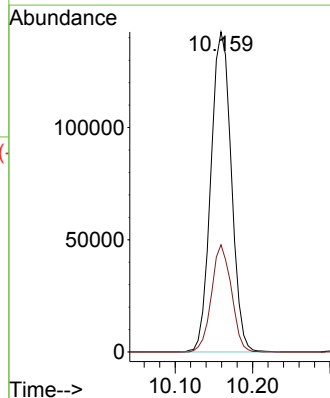
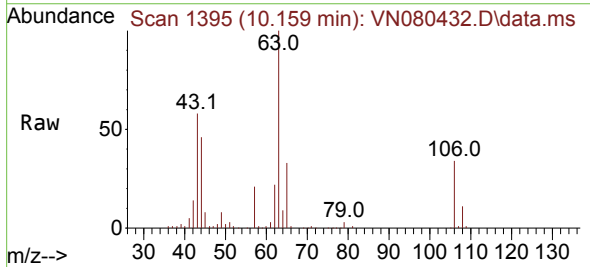
Instrument :
MSVOA_N
ClientSampleId :

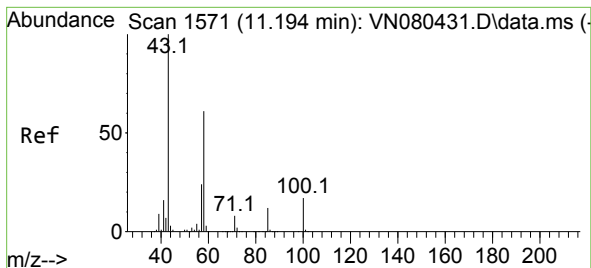
Tgt Ion: 76 Resp: 140097
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 102.197 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 63 Resp: 261473
Ion Ratio Lower Upper
63 100
106 32.6 26.2 39.4

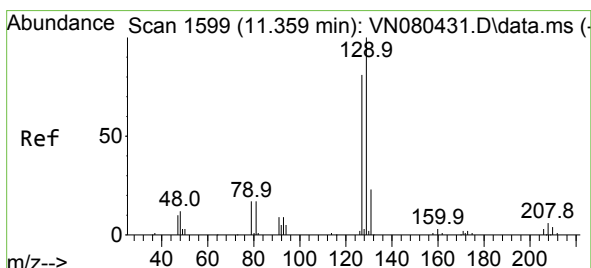
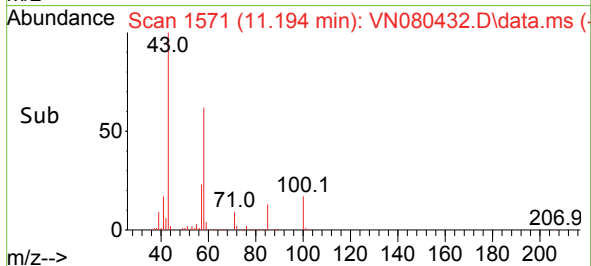
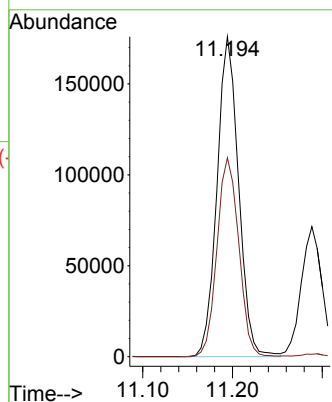
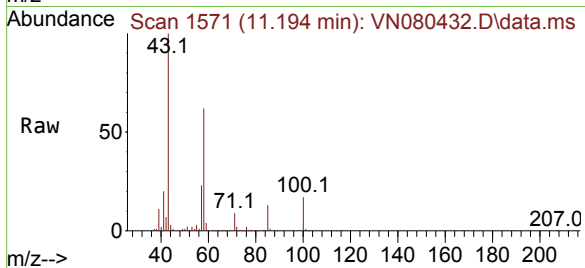




#59
2-Hexanone
Concen: 115.157 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

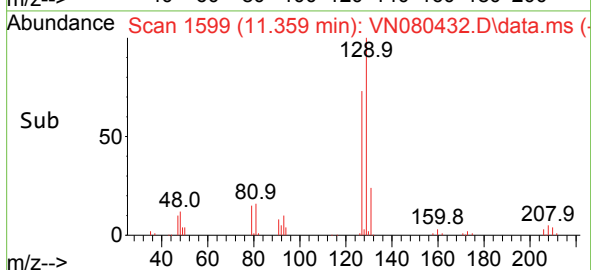
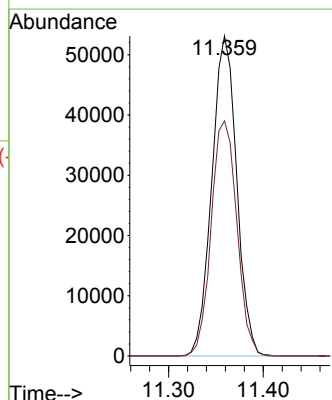
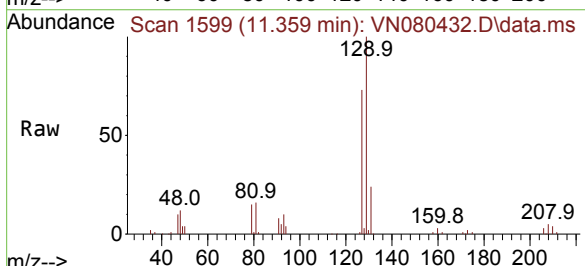
Instrument :
MSVOA_N
ClientSampleId :

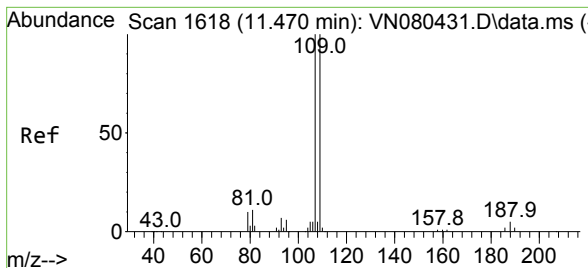
Tgt Ion: 43 Resp: 293994
Ion Ratio Lower Upper
43 100
58 62.7 31.7 95.1



#60
Dibromochloromethane
Concen: 22.342 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:129 Resp: 96912
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0

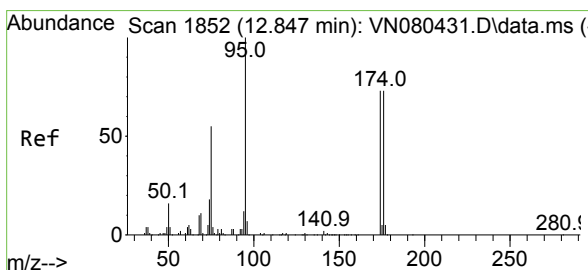
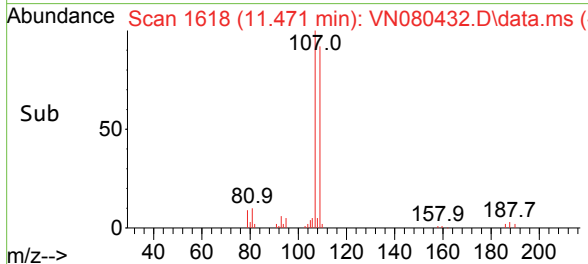
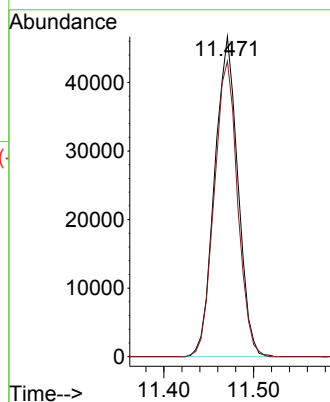
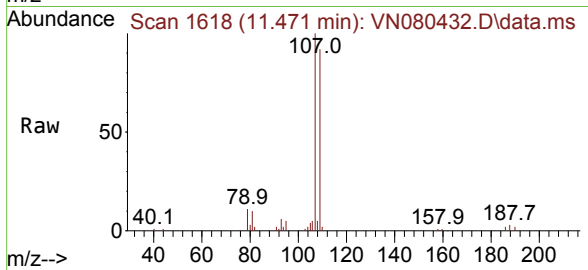




#61
1,2-Dibromoethane
Concen: 22.172 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

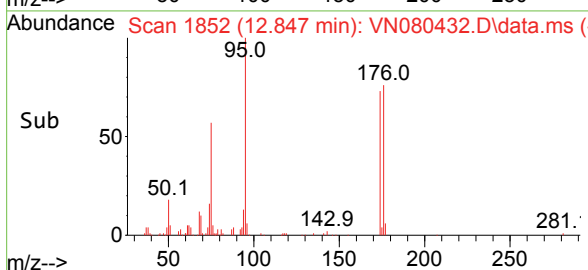
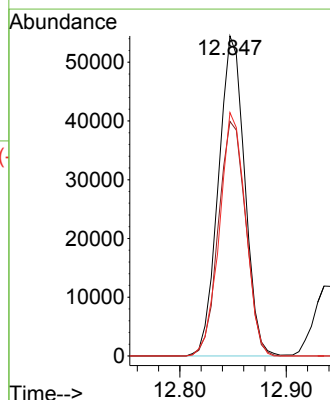
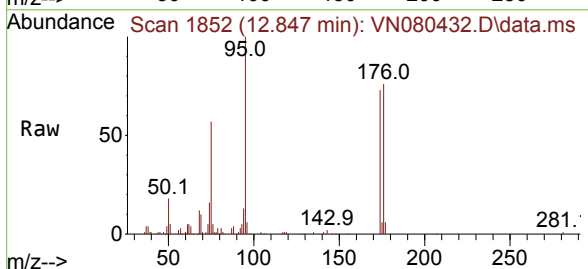
Instrument :
MSVOA_N
ClientSampleId :

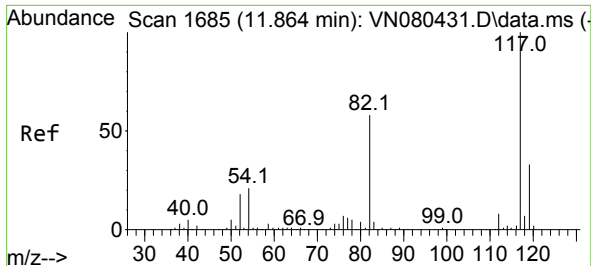
Tgt Ion:107 Resp: 84001
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 19.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 95 Resp: 93193
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 75.3 0.0 135.8

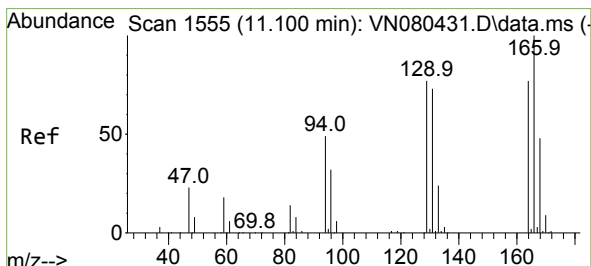
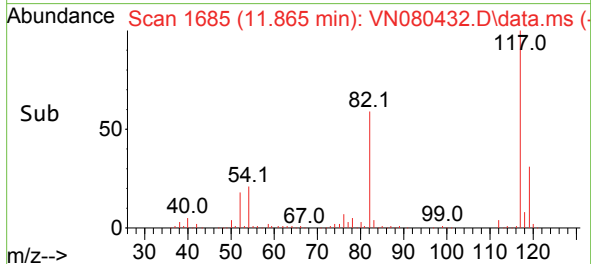
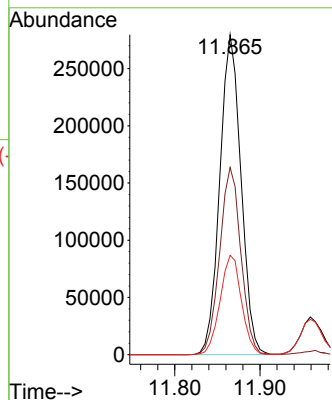
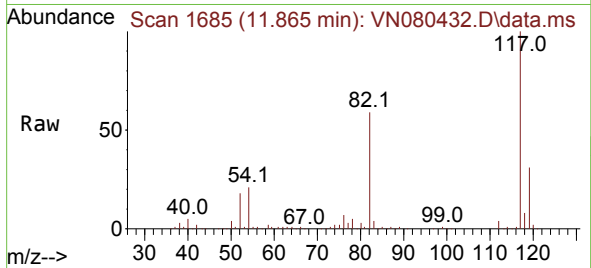




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

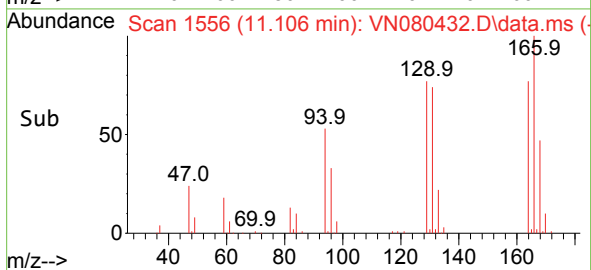
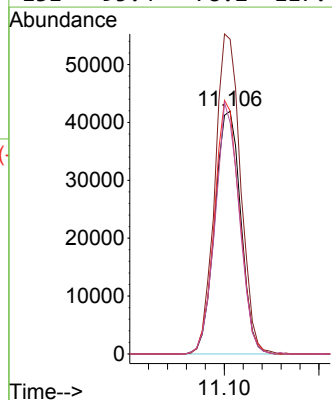
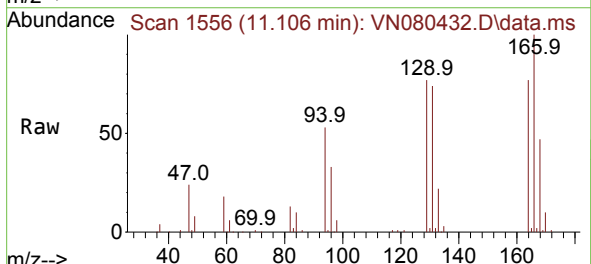
Instrument :
MSVOA_N
ClientSampleId :

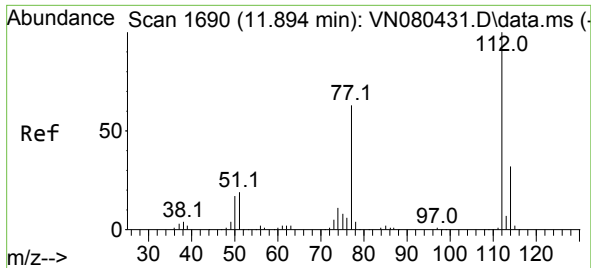
Tgt Ion:117 Resp: 483409
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 21.421 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:164 Resp: 79952
Ion Ratio Lower Upper
164 100
166 129.7 101.4 152.0
129 100.1 82.4 123.6
131 95.4 78.2 117.4

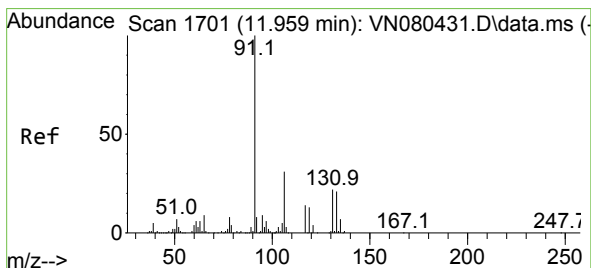
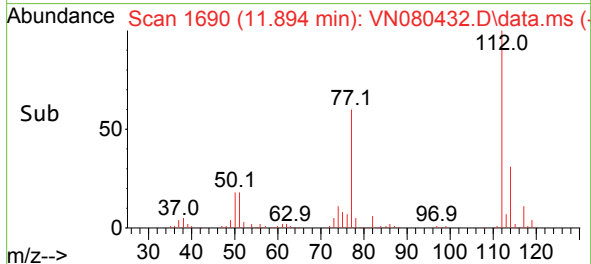
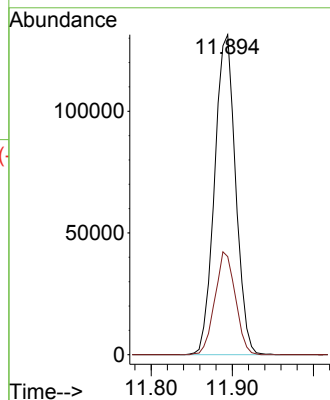
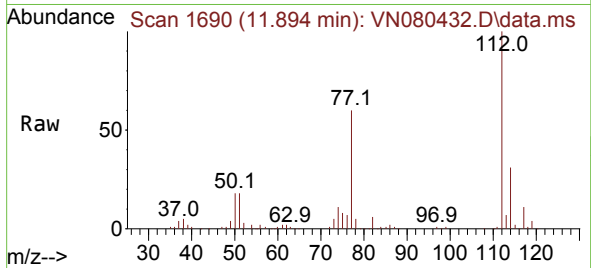




#65
Chlorobenzene
Concen: 21.991 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

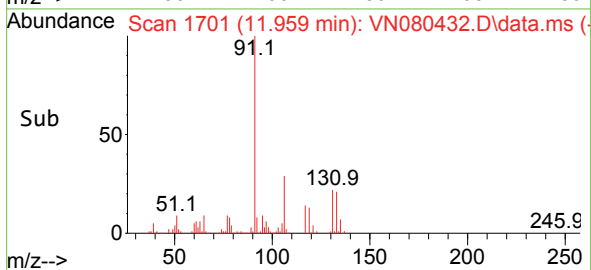
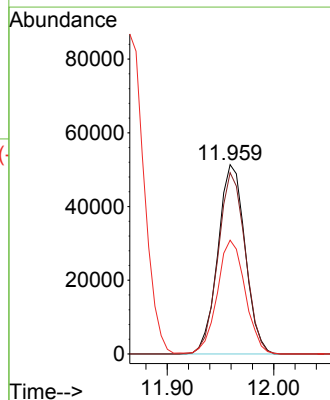
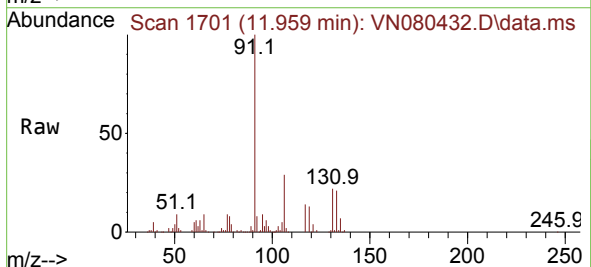
Instrument :
MSVOA_N
ClientSampleId :

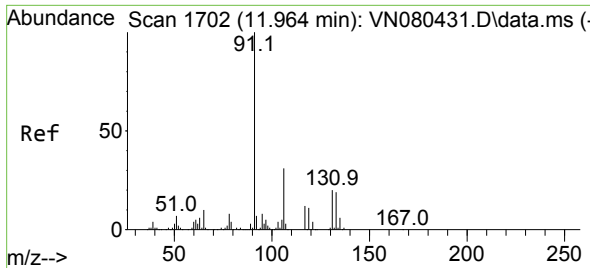
Tgt Ion:112 Resp: 236487
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.636 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:131 Resp: 91293
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 61.5 34.1 102.2

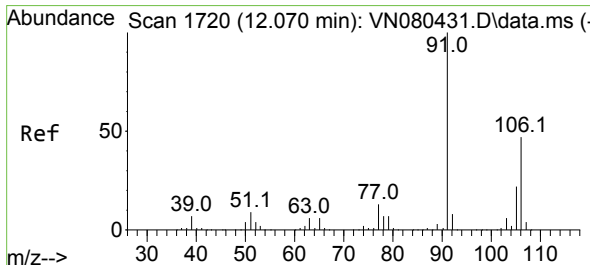
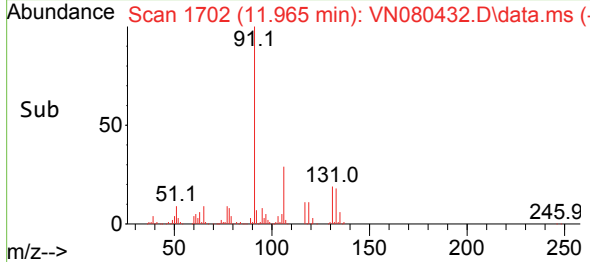
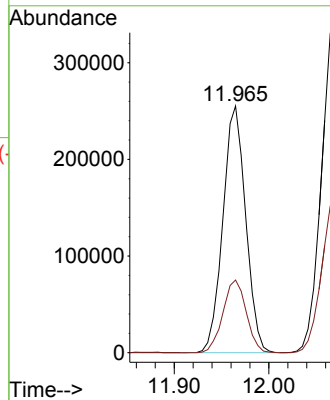
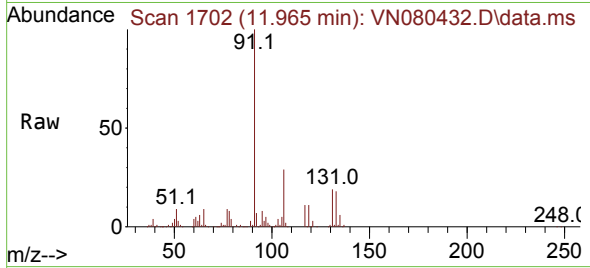




#67
Ethyl Benzene
Concen: 21.586 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

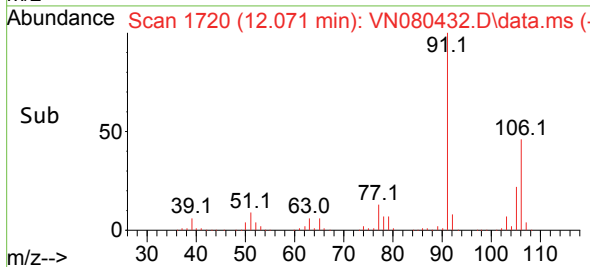
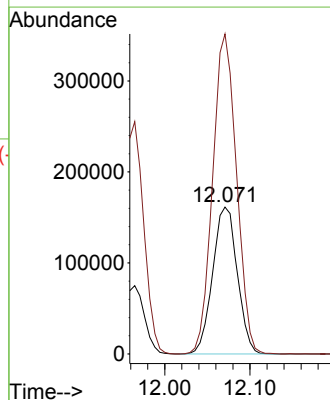
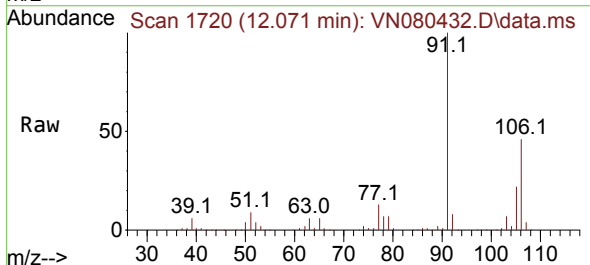
Instrument :
MSVOA_N
ClientSampleId :

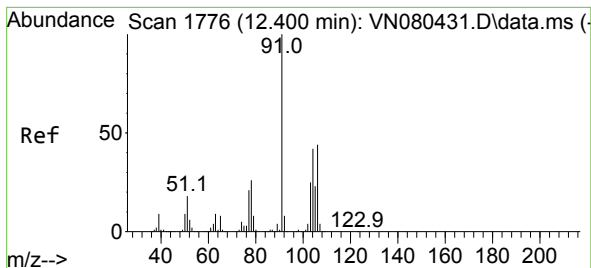
Tgt Ion: 91 Resp: 426825
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4



#68
m/p-Xylenes
Concen: 44.340 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:106 Resp: 323973
Ion Ratio Lower Upper
106 100
91 211.2 159.6 239.4





#69

o-Xylene

Concen: 22.444 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

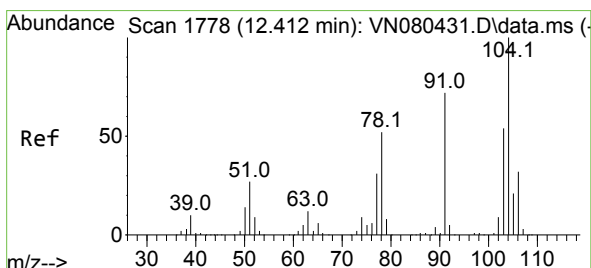
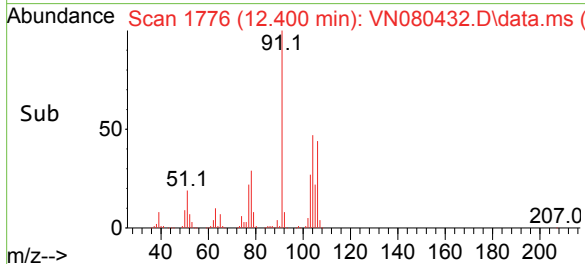
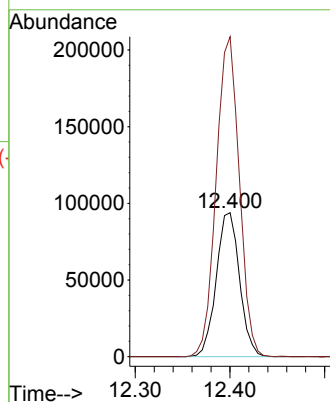
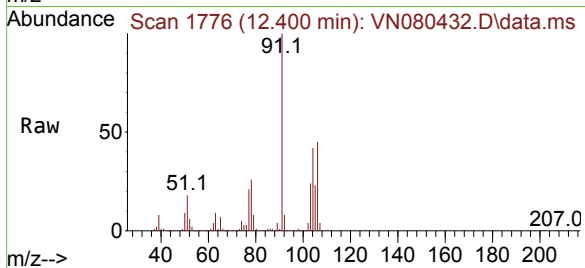
ClientSampleId :

Tgt Ion:106 Resp: 160397

Ion Ratio Lower Upper

106 100

91 220.6 105.2 315.5



#70

Styrene

Concen: 22.468 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

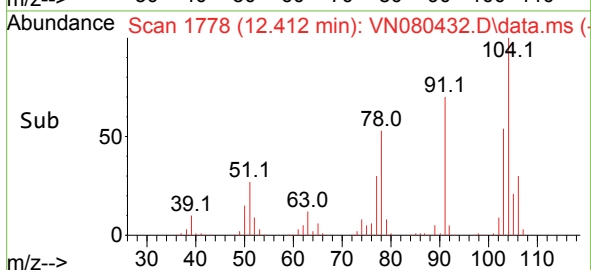
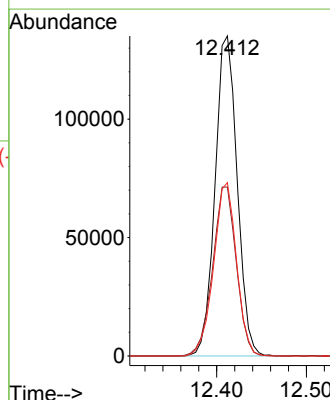
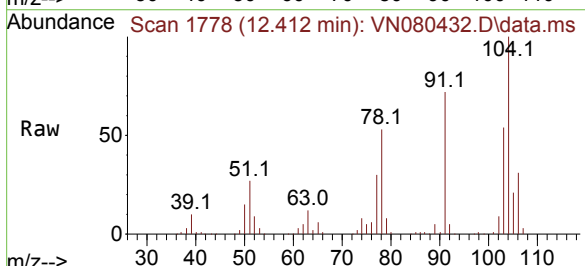
Tgt Ion:104 Resp: 231296

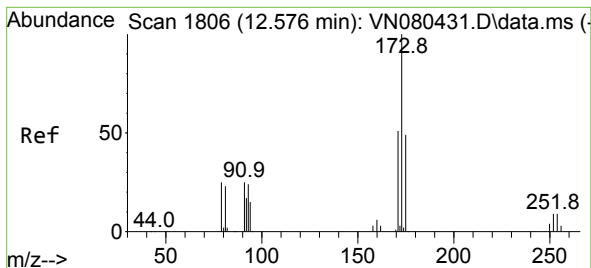
Ion Ratio Lower Upper

104 100

78 56.6 39.5 59.3

103 55.9 43.2 64.8





#71

Bromoform

Concen: 21.382 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

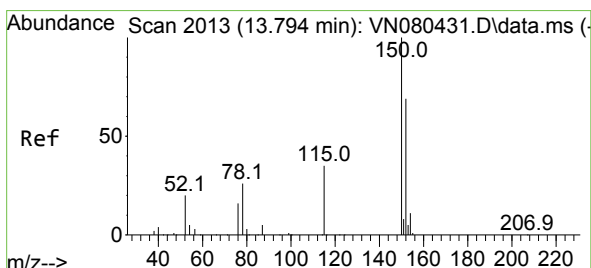
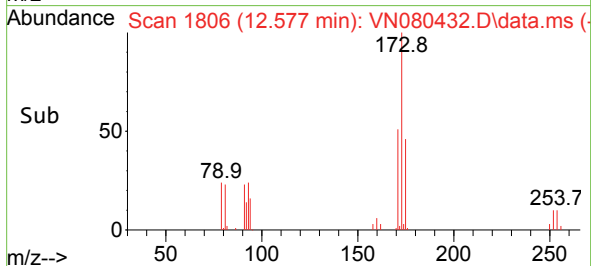
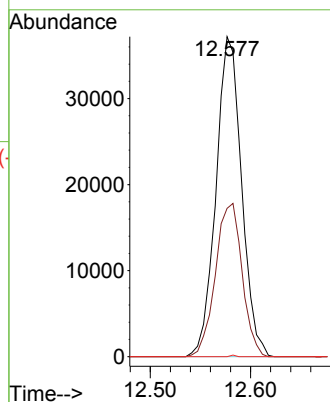
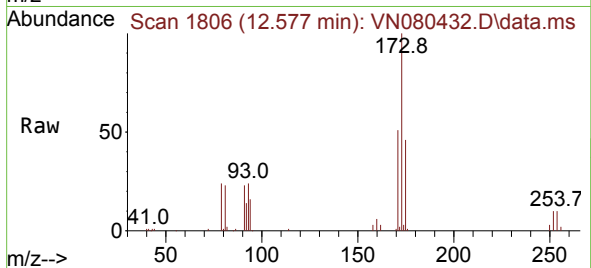
Tgt Ion:173 Resp: 65793

Ion Ratio Lower Upper

173 100

175 50.0 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

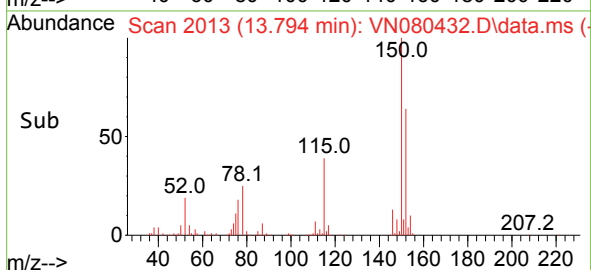
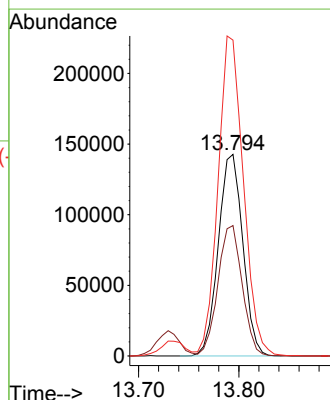
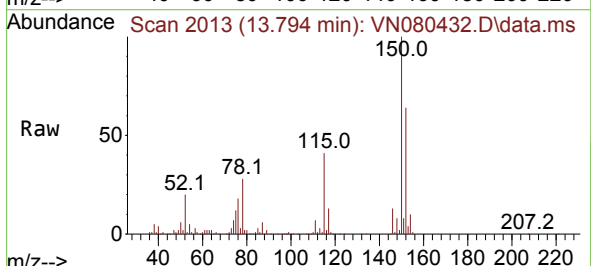
Tgt Ion:152 Resp: 241944

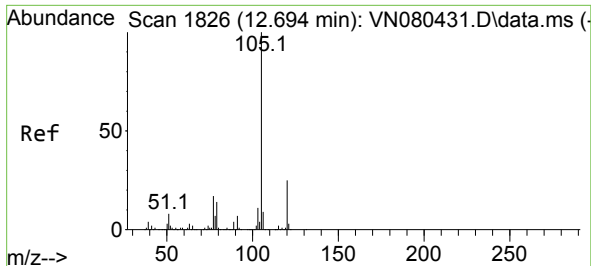
Ion Ratio Lower Upper

152 100

115 64.1 32.3 96.8

150 164.6 0.0 355.8

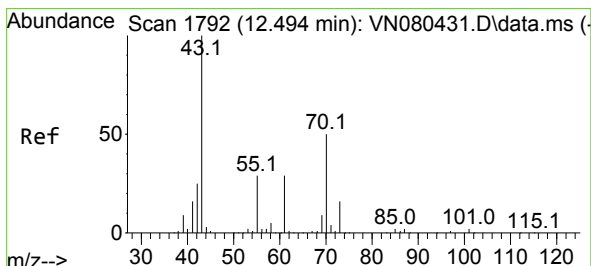
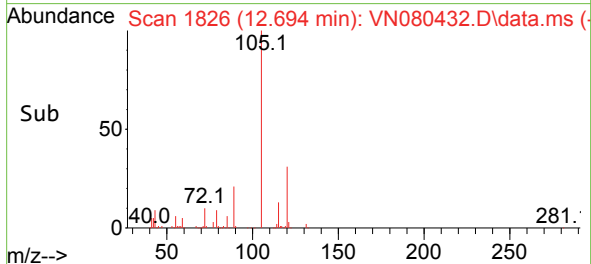
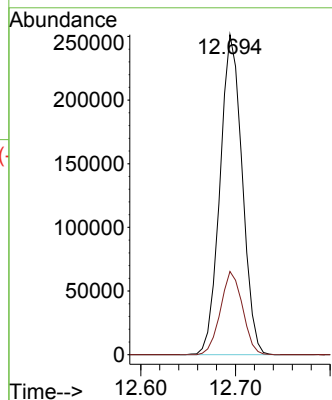
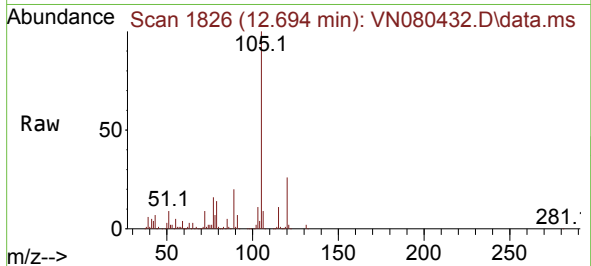




#73
Isopropylbenzene
Concen: 21.071 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

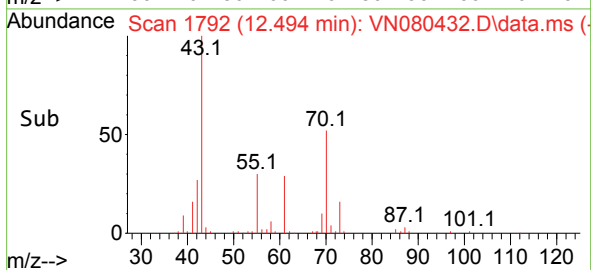
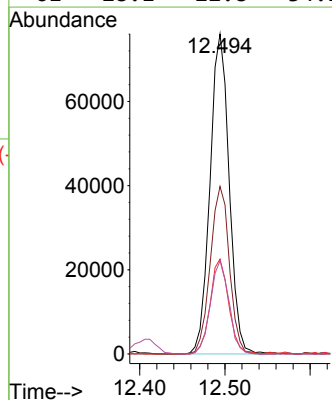
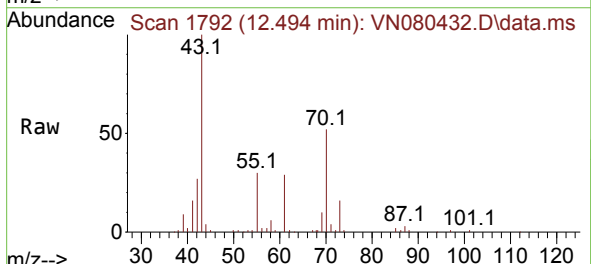
Instrument :
MSVOA_N
ClientSampleId :

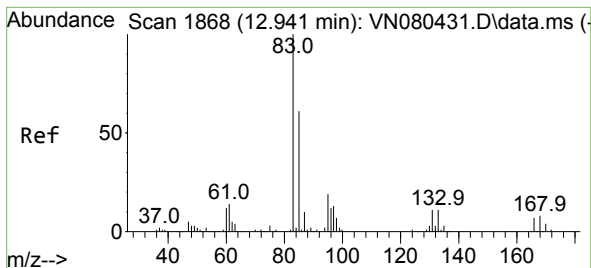
Tgt Ion:105 Resp: 409541
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 20.894 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 43 Resp: 118589
Ion Ratio Lower Upper
43 100
70 52.3 43.4 65.2
55 28.7 21.4 32.0
61 28.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.220 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

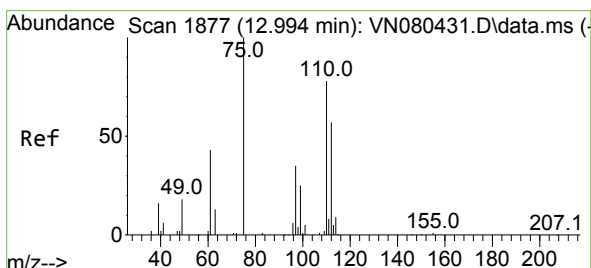
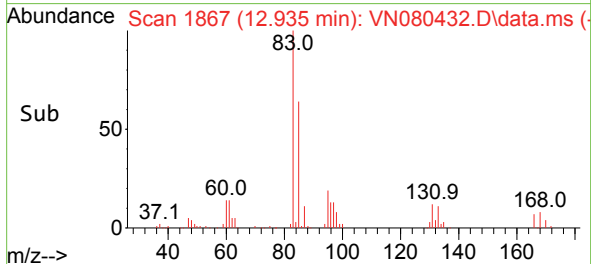
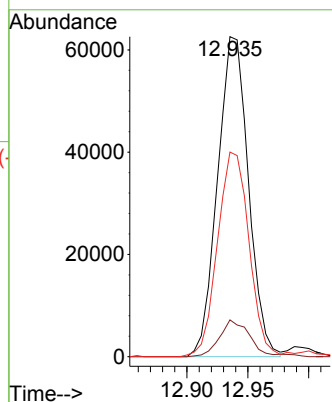
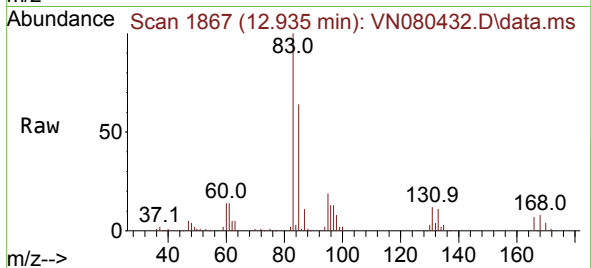
Tgt Ion: 83 Resp: 110518

Ion Ratio Lower Upper

83 100

131 11.5 5.0 15.0

85 65.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.223 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080432.D

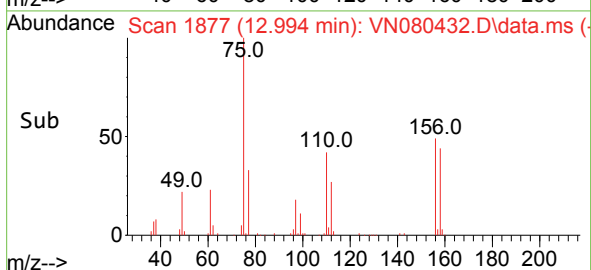
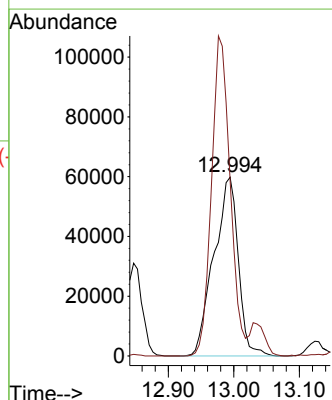
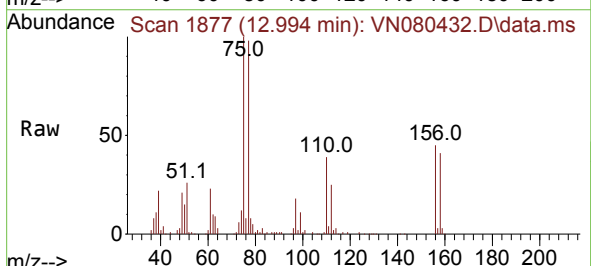
Acq: 12 Dec 2023 10:57

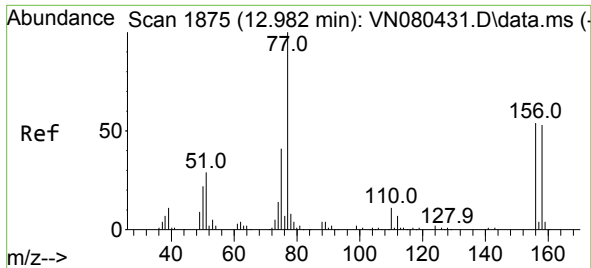
Tgt Ion: 75 Resp: 154086

Ion Ratio Lower Upper

75 100

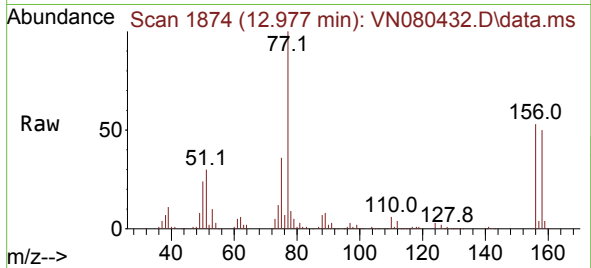
77 137.0 84.5 253.5



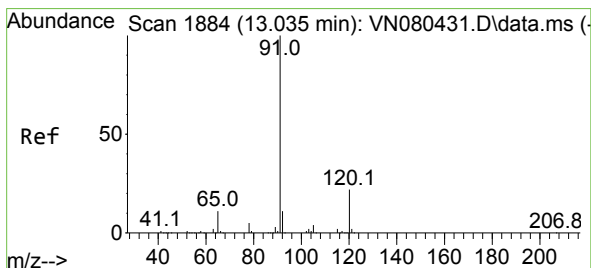
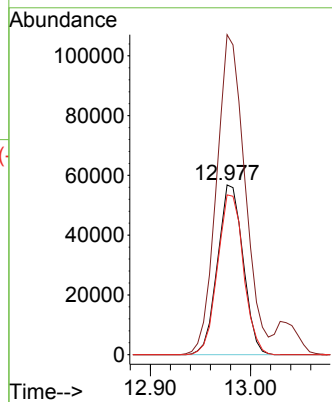
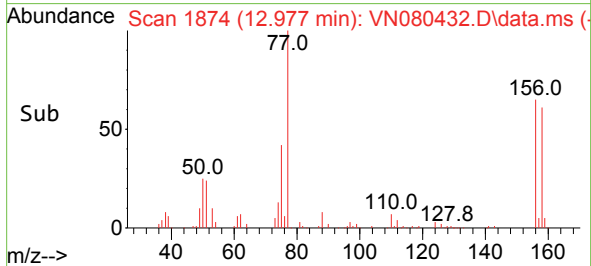


#77
Bromobenzene
Concen: 21.039 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :

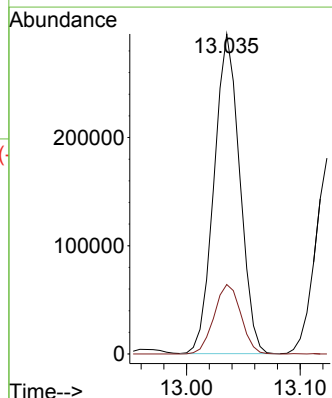
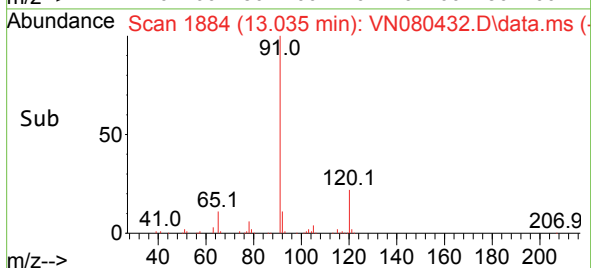
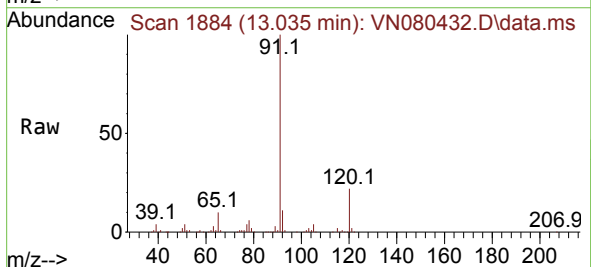


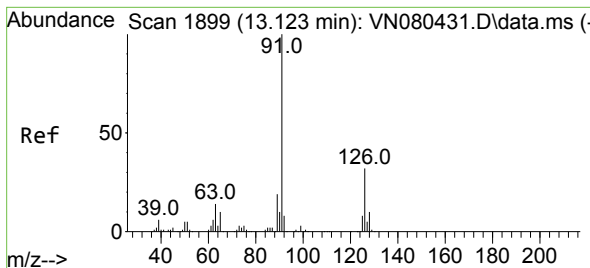
Tgt Ion:156 Resp: 100594
Ion Ratio Lower Upper
156 100
77 209.8 107.7 323.3
158 95.4 48.4 145.3



#78
n-propylbenzene
Concen: 21.649 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 91 Resp: 463932
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.328 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

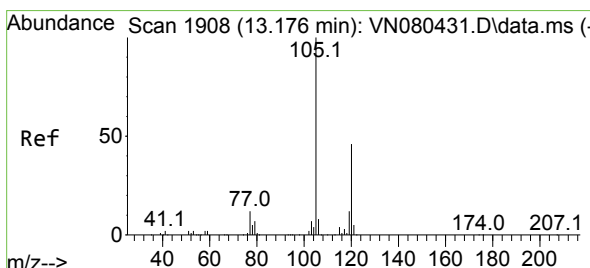
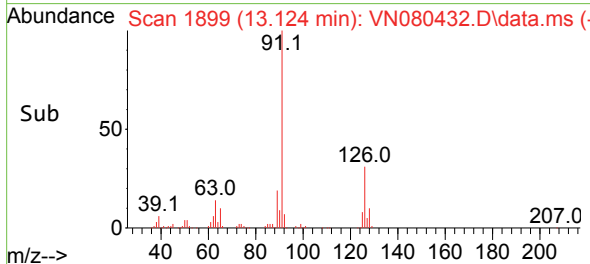
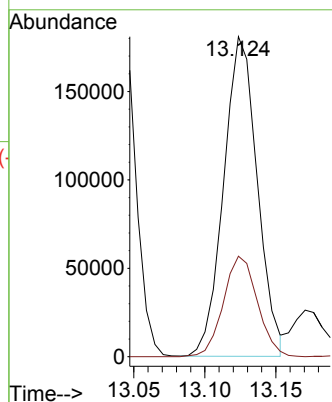
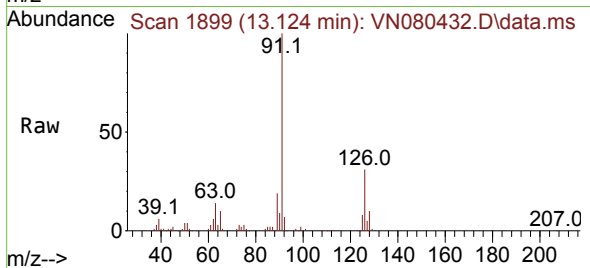
ClientSampleId :

Tgt Ion: 91 Resp: 298380

Ion Ratio Lower Upper

91 100

126 31.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.609 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080432.D

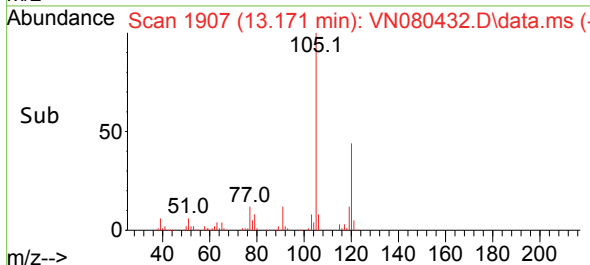
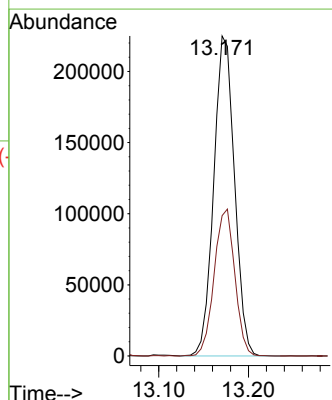
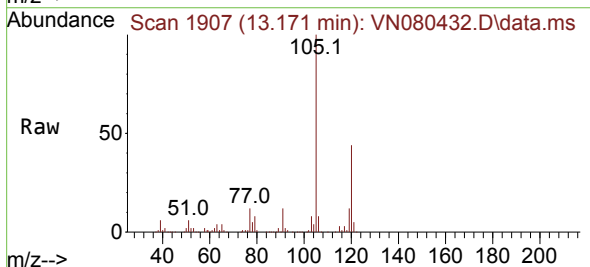
Acq: 12 Dec 2023 10:57

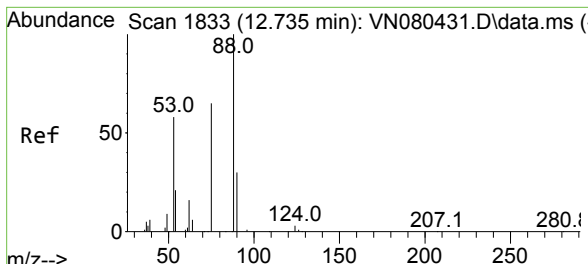
Tgt Ion: 105 Resp: 361718

Ion Ratio Lower Upper

105 100

120 45.6 24.1 72.3

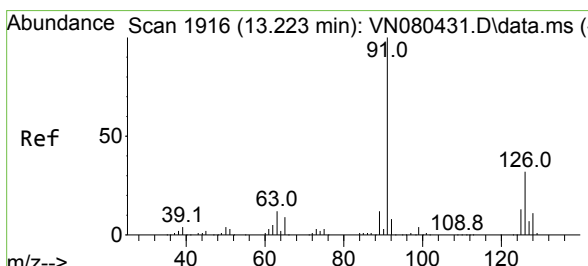
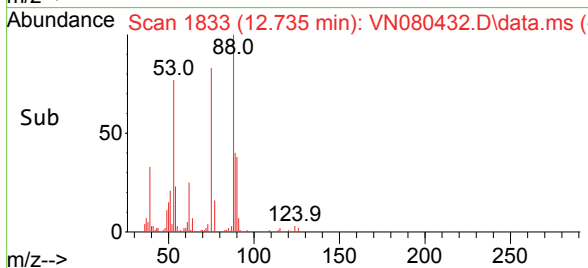
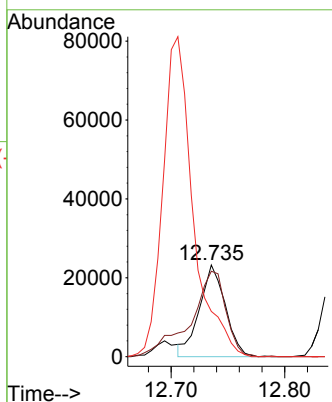
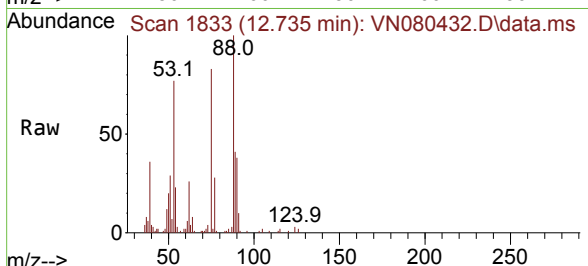




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.007 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

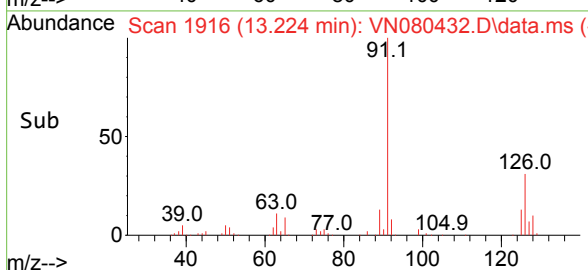
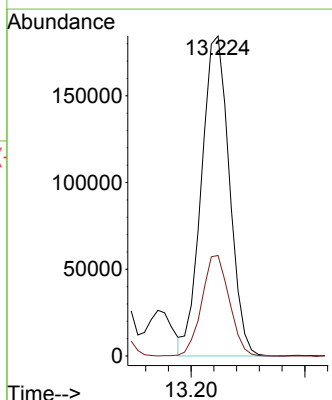
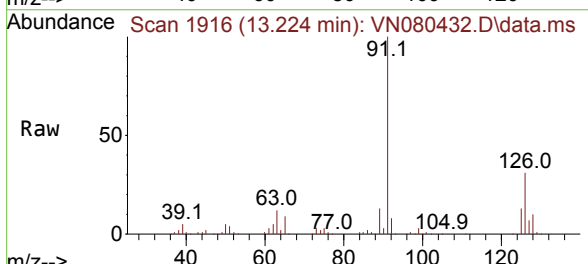
Instrument :
 MSVOA_N
 ClientSampleId :

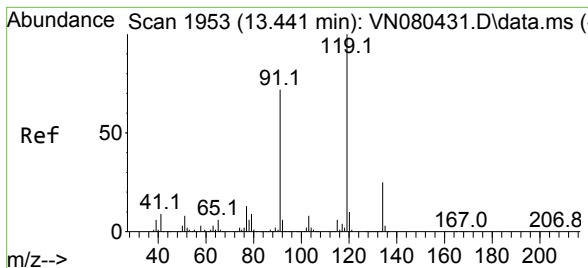
Tgt Ion:	75	Resp:	36779
Ion	Ratio	Lower	Upper
75	100		
53	128.4	67.4	101.2#
89	0.0	38.8	58.2#



#82
 4-Chlorotoluene
 Concen: 21.906 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion:	91	Resp:	315016
Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.7	50.0





#83

tert-Butylbenzene

Concen: 21.782 ug/l

RT: 13.435 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

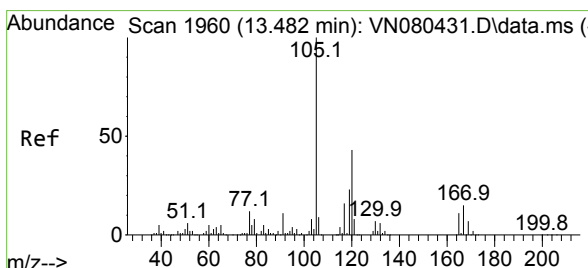
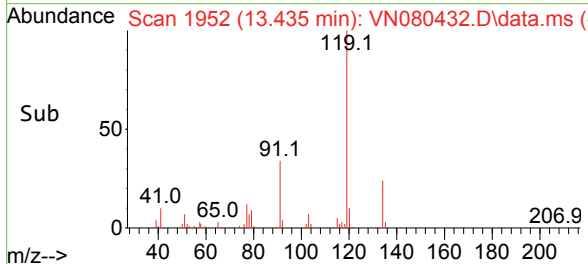
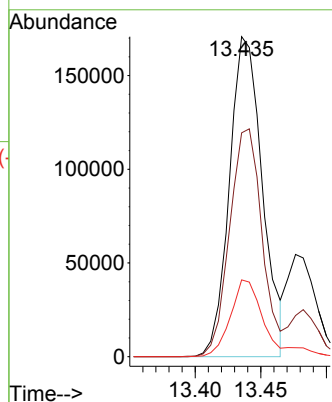
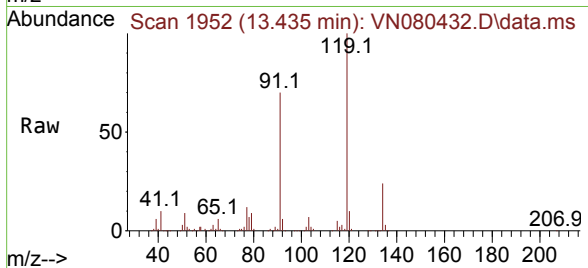
Tgt Ion:119 Resp: 298601

Ion Ratio Lower Upper

119 100

91 70.0 33.9 101.7

134 25.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 22.037 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080432.D

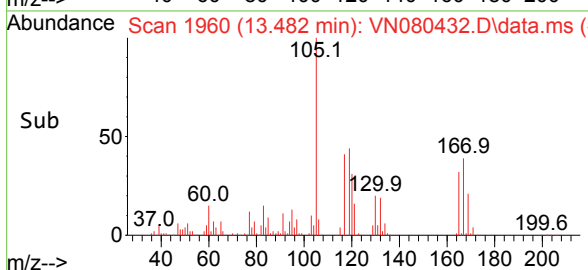
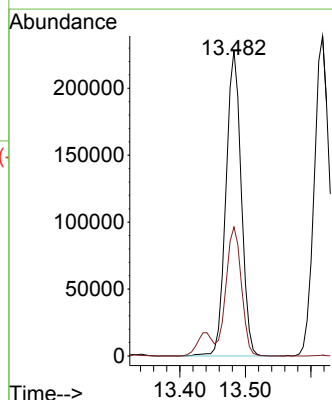
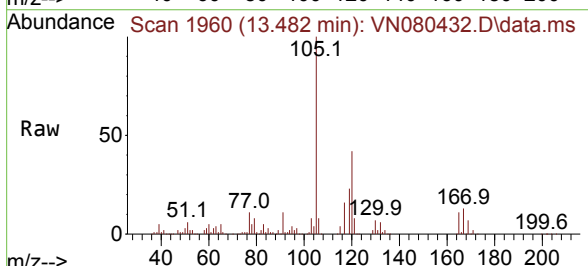
Acq: 12 Dec 2023 10:57

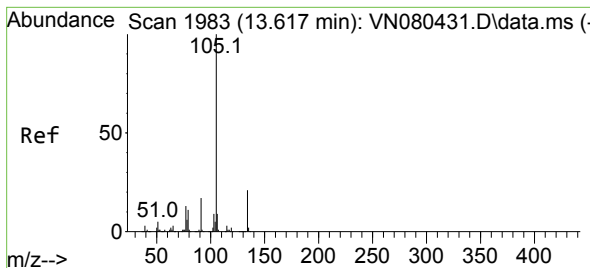
Tgt Ion:105 Resp: 366970

Ion Ratio Lower Upper

105 100

120 42.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.066 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

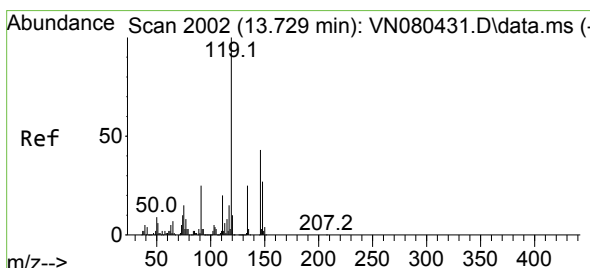
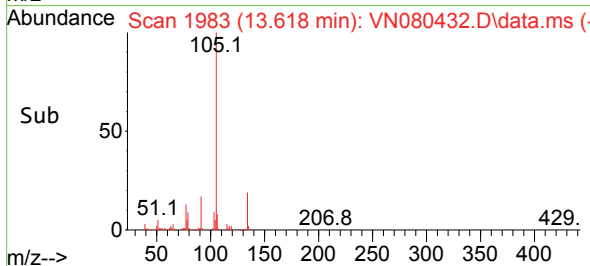
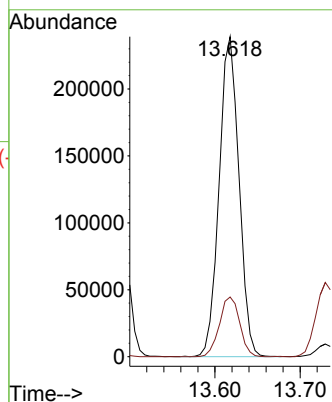
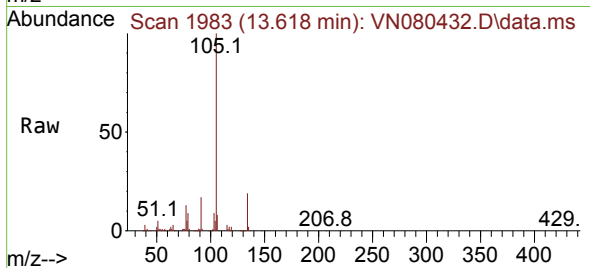
ClientSampleId :

Tgt Ion:105 Resp: 386966

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 22.351 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

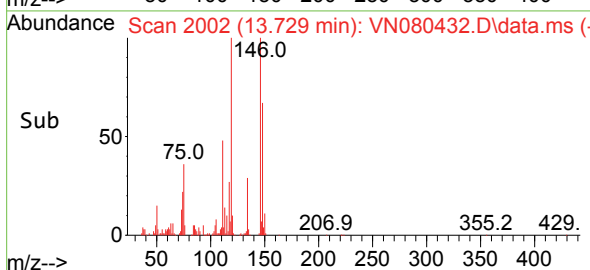
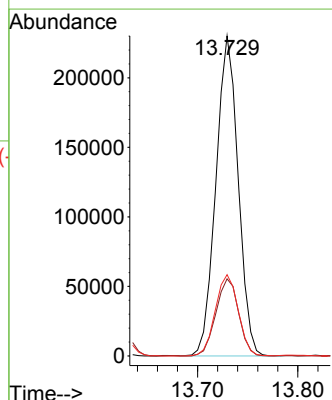
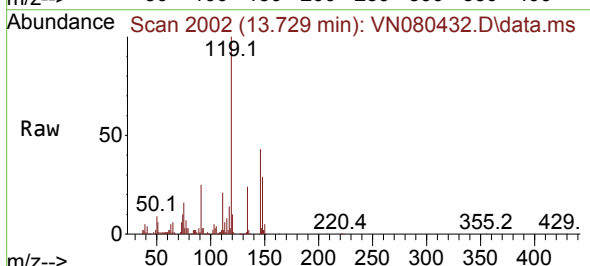
Tgt Ion:119 Resp: 353902

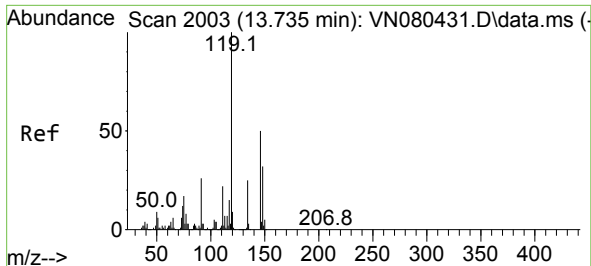
Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.487 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

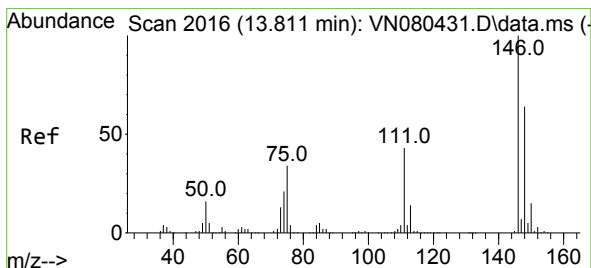
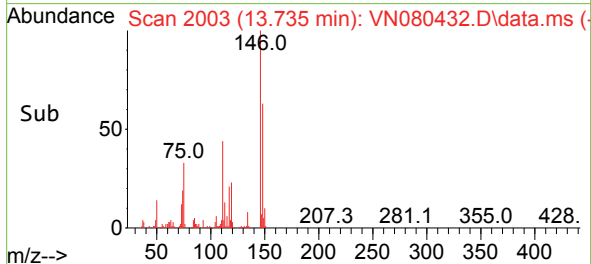
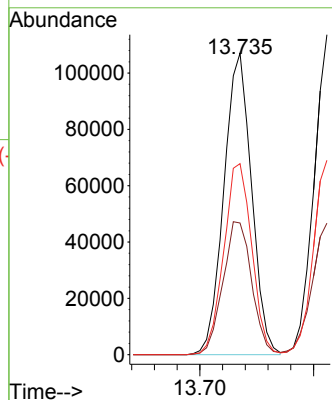
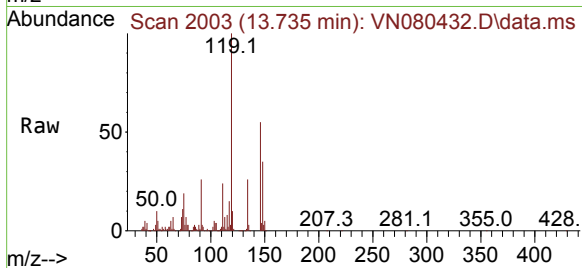
Tgt Ion:146 Resp: 181010

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.3

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 21.381 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

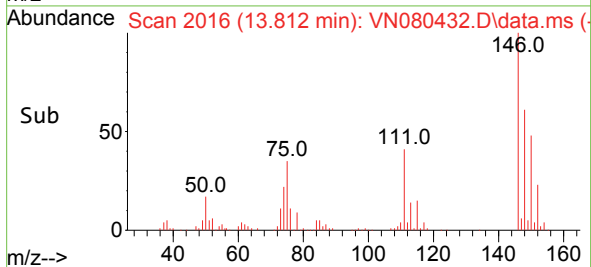
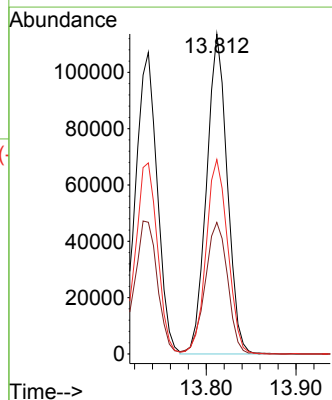
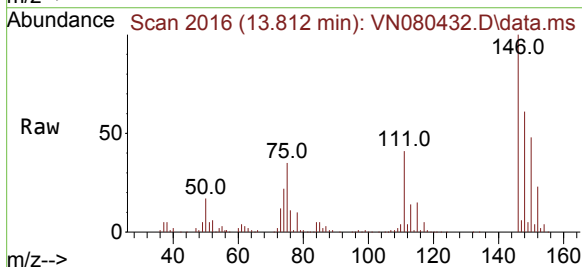
Tgt Ion:146 Resp: 181814

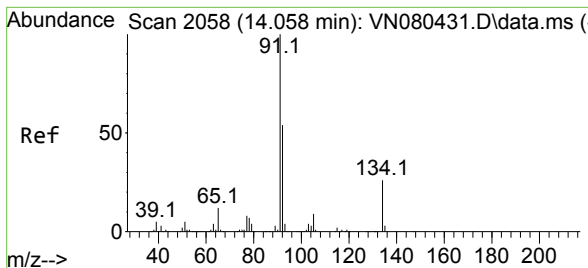
Ion Ratio Lower Upper

146 100

111 44.9 20.6 61.8

148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 22.447 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

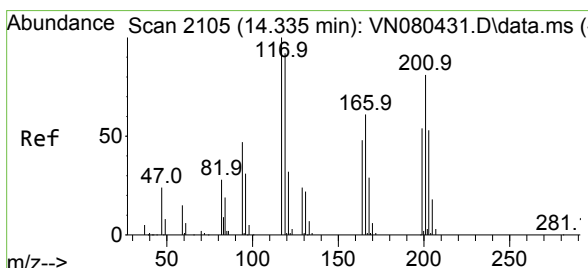
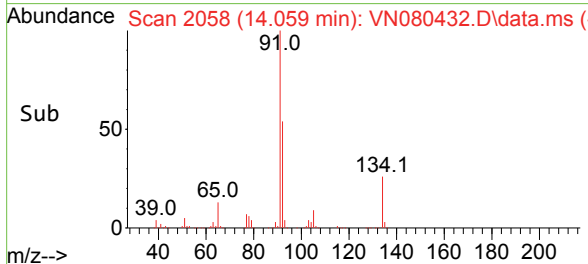
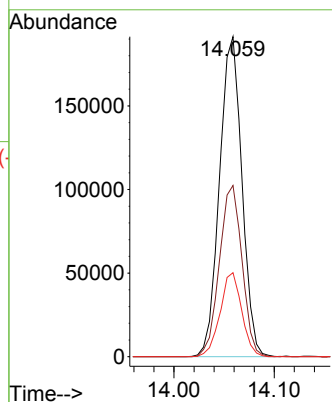
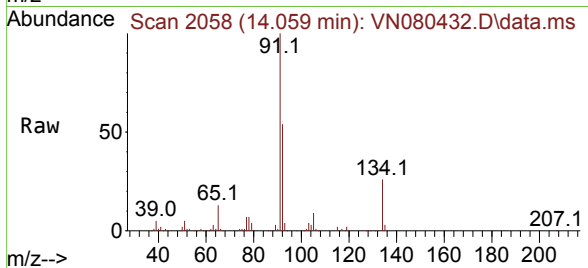
Tgt Ion: 91 Resp: 296819

Ion Ratio Lower Upper

91 100

92 54.0 26.4 79.0

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 21.388 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080432.D

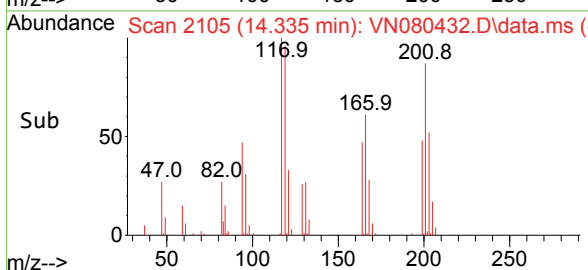
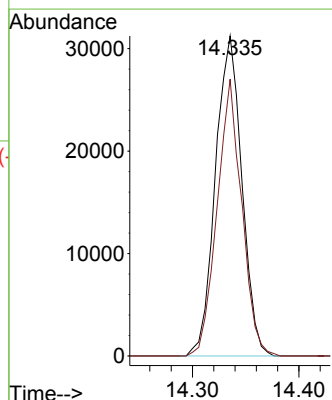
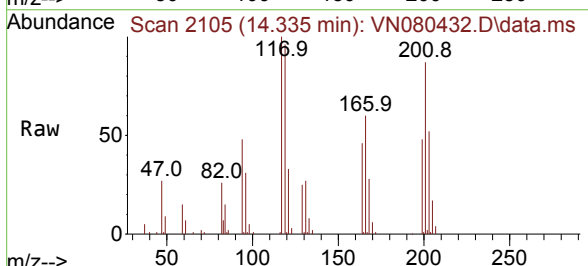
Acq: 12 Dec 2023 10:57

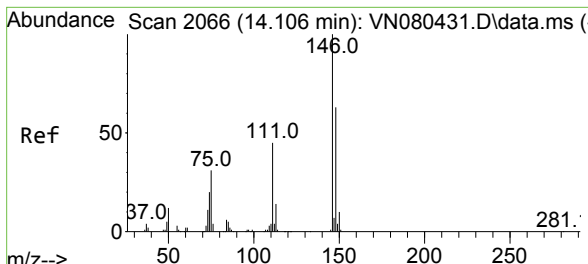
Tgt Ion: 117 Resp: 53784

Ion Ratio Lower Upper

117 100

201 80.5 29.3 88.0

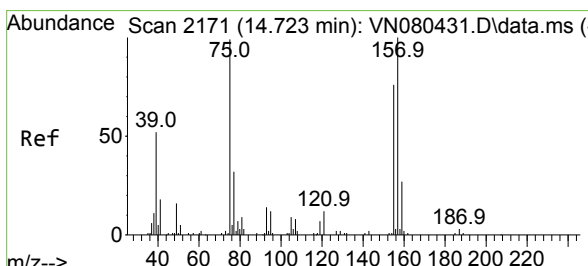
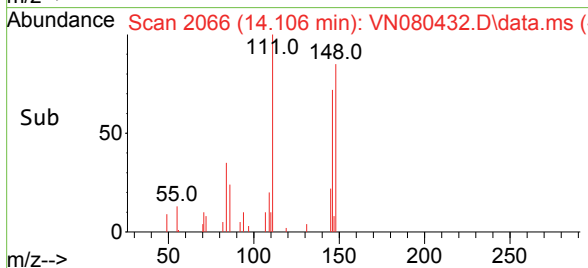
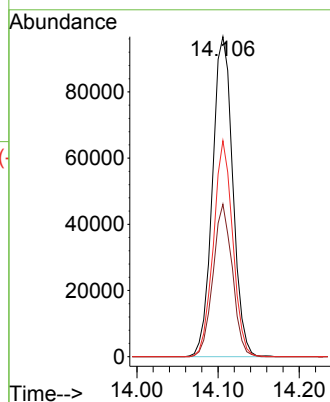
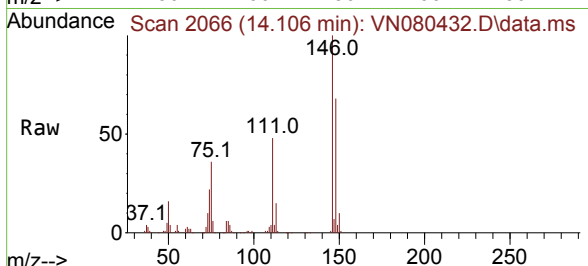




#91
 1,2-Dichlorobenzene
 Concen: 21.023 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

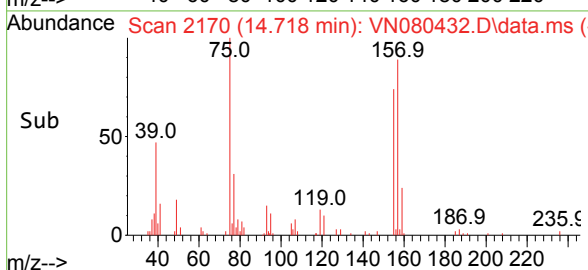
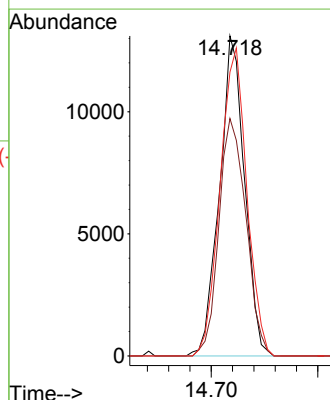
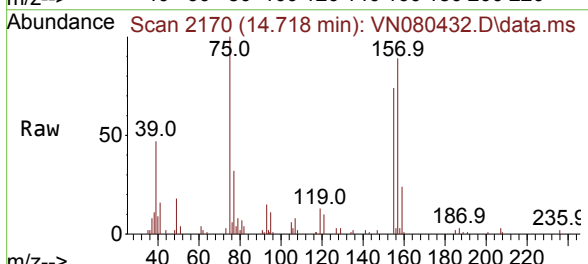
Instrument :
 MSVOA_N
 ClientSampleId :

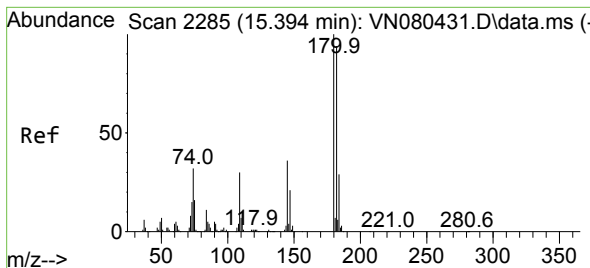
Tgt Ion:	146	Resp:	168168
Ion Ratio	Lower	Upper	
146	100		
111	45.2	22.0	66.0
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.539 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion:	75	Resp:	21405
Ion Ratio	Lower	Upper	
75	100		
155	80.1	39.1	117.2
157	102.7	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 20.102 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

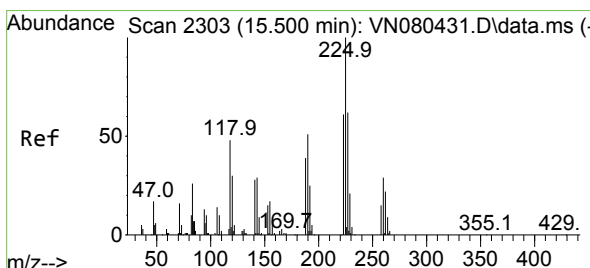
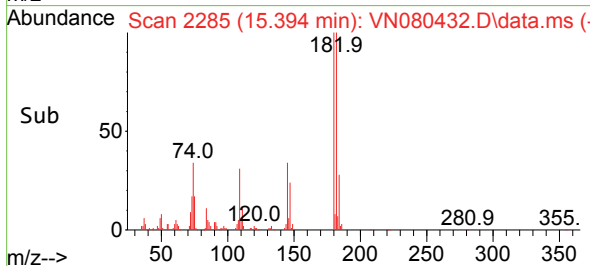
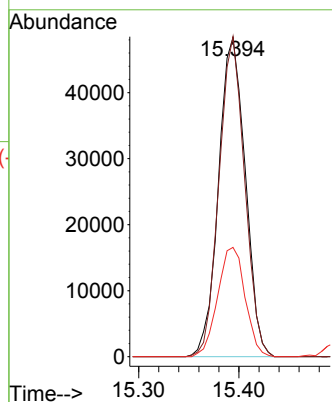
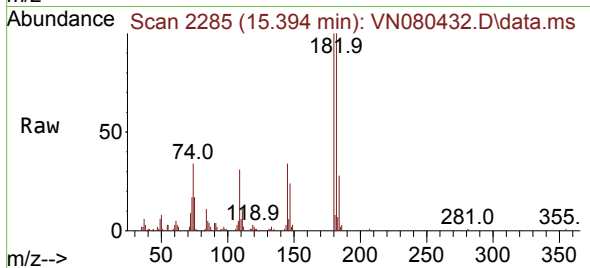
Tgt Ion:180 Resp: 89277

Ion Ratio Lower Upper

180 100

182 95.9 46.1 138.2

145 35.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.913 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

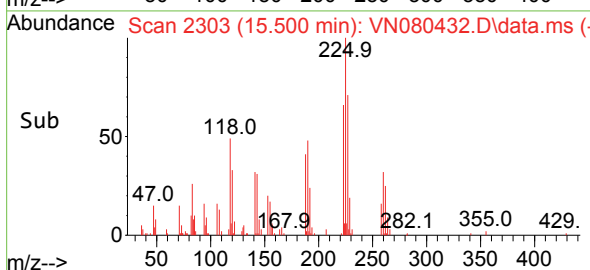
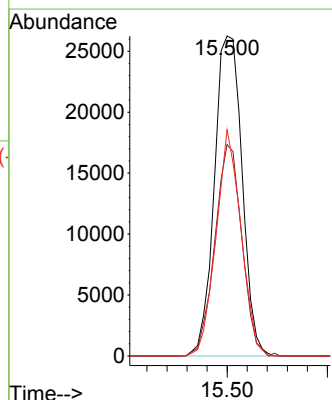
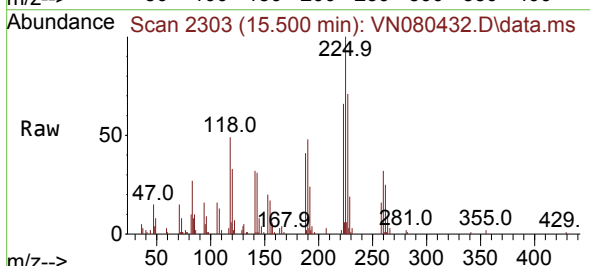
Tgt Ion:225 Resp: 50348

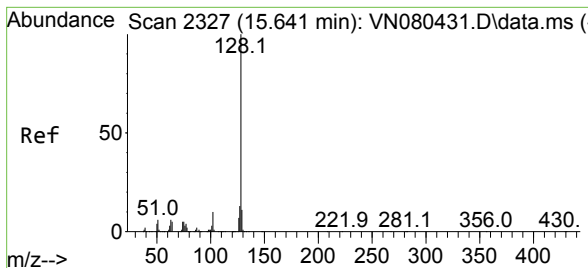
Ion Ratio Lower Upper

225 100

223 64.5 31.3 93.8

227 63.5 31.9 95.9

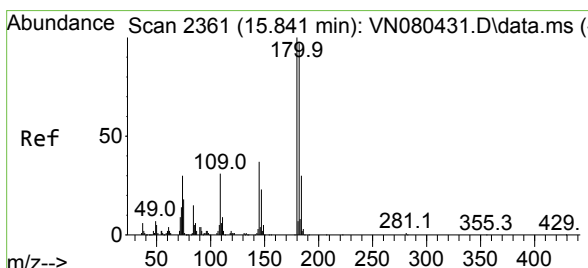
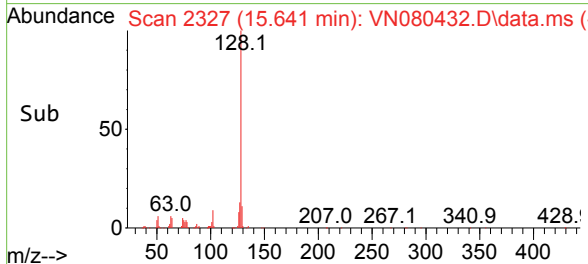
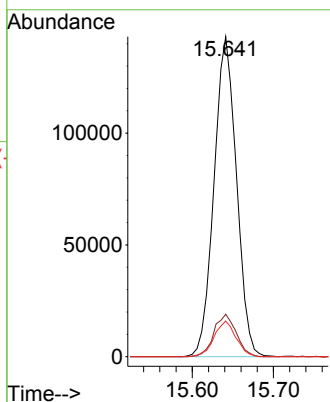
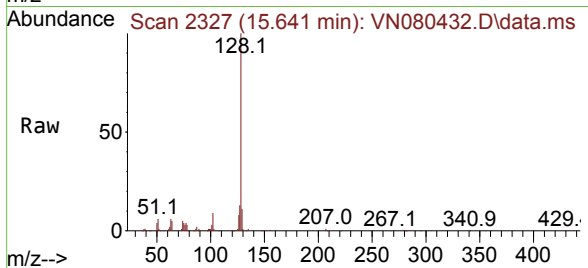




#95
Naphthalene
Concen: 20.396 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 275071
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.086 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:180 Resp: 86086
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 35.2 17.5 52.6

