

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080442.D
 Acq On : 12 Dec 2023 17:03
 Operator : JC\MD
 Sample : VN1212WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 02:34:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	287264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	456897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	406068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194774	53.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.180%	
35) Dibromofluoromethane	8.165	113	149340	51.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	10.565	98	549399	50.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.847	95	201843	49.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67678	18.436	ug/l	100
3) Chloromethane	2.359	50	70746	18.141	ug/l	93
4) Vinyl Chloride	2.512	62	55875	17.823	ug/l	99
5) Bromomethane	2.959	94	28658	20.275	ug/l	86
6) Chloroethane	3.124	64	35505	17.624	ug/l	95
7) Trichlorofluoromethane	3.495	101	119617	18.812	ug/l	94
8) Diethyl Ether	3.959	74	37462	18.704	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	56951	18.896	ug/l	95
10) Methyl Iodide	4.589	142	45738	17.253	ug/l #	83
11) Tert butyl alcohol	5.512	59	42018	97.239	ug/l	98
12) 1,1-Dichloroethene	4.342	96	55225	17.883	ug/l	90
13) Acrolein	4.171	56	36020	76.117	ug/l	98
14) Allyl chloride	5.018	41	69483	18.185	ug/l	96
15) Acrylonitrile	5.712	53	124272	101.783	ug/l	99
16) Acetone	4.424	43	77989	119.880	ug/l	90
17) Carbon Disulfide	4.712	76	150857	17.237	ug/l	98
18) Methyl Acetate	5.018	43	84777	20.253	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	200755	19.485	ug/l	98
20) Methylene Chloride	5.277	84	64171	18.432	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	61240	18.289	ug/l	86
22) Diisopropyl ether	6.671	45	160700	19.487	ug/l	96
23) Vinyl Acetate	6.600	43	451404	95.309	ug/l	95
24) 1,1-Dichloroethane	6.571	63	109884	19.099	ug/l	98
25) 2-Butanone	7.483	43	136607	109.002	ug/l	95
26) 2,2-Dichloropropane	7.489	77	108515	18.445	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	70347	18.560	ug/l	90
28) Bromochloromethane	7.818	49	44030	19.932	ug/l	98
29) Tetrahydrofuran	7.836	42	89966	100.249	ug/l	96
30) Chloroform	7.965	83	122411	19.167	ug/l	98
31) Cyclohexane	8.259	56	89544	17.947	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	118696	18.982	ug/l	95
36) 1,1-Dichloropropene	8.371	75	88424	18.668	ug/l	97
37) Ethyl Acetate	7.559	43	58838	19.837	ug/l	98
38) Carbon Tetrachloride	8.365	117	105620	18.662	ug/l	95
39) Methylcyclohexane	9.600	83	88653	18.017	ug/l	93
40) Benzene	8.606	78	256511	18.754	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33018	19.309	ug/l	96
42) 1,2-Dichloroethane	8.671	62	99479	19.640	ug/l	99
43) Isopropyl Acetate	8.688	43	103132	19.338	ug/l	96
44) Trichloroethene	9.353	130	69532	18.857	ug/l	99
45) 1,2-Dichloropropane	9.624	63	59939	18.658	ug/l	93
46) Dibromomethane	9.712	93	44340	19.220	ug/l	91
47) Bromodichloromethane	9.888	83	93469	18.904	ug/l	96
48) Methyl methacrylate	9.677	41	60367	18.968	ug/l	91
49) 1,4-Dioxane	9.700	88	17262	357.843	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	293131	99.800	ug/l	100
52) Toluene	10.629	92	164886	19.083	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	101187	18.915	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	107327	18.770	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	61276	19.709	ug/l	95
56) Ethyl methacrylate	10.877	69	67846	19.710	ug/l	92
57) 1,3-Dichloropropane	11.165	76	106115	19.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	225009	103.544	ug/l	99
59) 2-Hexanone	11.194	43	216080	99.651	ug/l	98
60) Dibromochloromethane	11.365	129	69836	18.956	ug/l	99
61) 1,2-Dibromoethane	11.471	107	61484	19.107	ug/l	98
64) Tetrachloroethene	11.106	164	59605	19.011	ug/l	94
65) Chlorobenzene	11.894	112	169759	18.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	67597	19.071	ug/l	95
67) Ethyl Benzene	11.965	91	309785	18.651	ug/l	98
68) m/p-Xylenes	12.071	106	231226	37.674	ug/l	90
69) o-Xylene	12.394	106	111078	18.503	ug/l	88
70) Styrene	12.412	104	165665	19.158	ug/l	95
71) Bromoform	12.582	173	46558	18.013	ug/l #	99
73) Isopropylbenzene	12.694	105	287832	18.700	ug/l	98
74) N-amyl acetate	12.494	43	86664	19.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	76553	18.560	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	109003	28.517	ug/l	76
77) Bromobenzene	12.982	156	72313	19.098	ug/l	94
78) n-propylbenzene	13.035	91	314543	18.534	ug/l	99
79) 2-Chlorotoluene	13.123	91	203775	18.392	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	249517	18.822	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	27108	18.620	ug/l #	84
82) 4-Chlorotoluene	13.223	91	205062	18.006	ug/l	97
83) tert-Butylbenzene	13.441	119	202457	18.648	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	246866	18.719	ug/l	96
85) sec-Butylbenzene	13.618	105	251859	18.135	ug/l	100
86) p-Isopropyltoluene	13.729	119	226555	18.067	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	121656	18.236	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	121648	18.064	ug/l	96
89) n-Butylbenzene	14.059	91	182704	17.447	ug/l	98
90) Hexachloroethane	14.335	117	35223	17.687	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	116915	18.456	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18142	20.912	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	64708	18.397	ug/l	97
94) Hexachlorobutadiene	15.506	225	33164	16.562	ug/l	99
95) Naphthalene	15.641	128	200141	18.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61949	18.252	ug/l	99

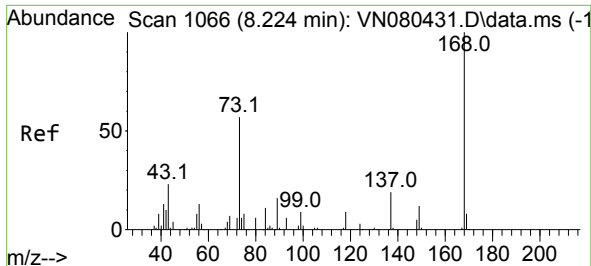
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
Data File : VN080442.D
Acq On : 12 Dec 2023 17:03
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Misc : 5.0mL/MSVOA_N/WATER
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Response via : Initial Calibration

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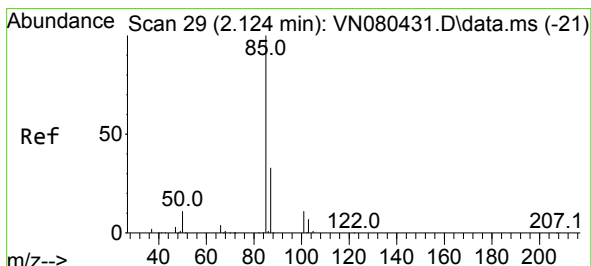
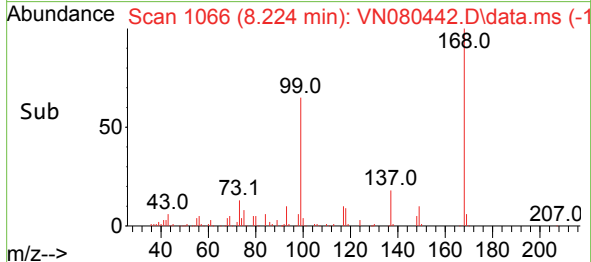
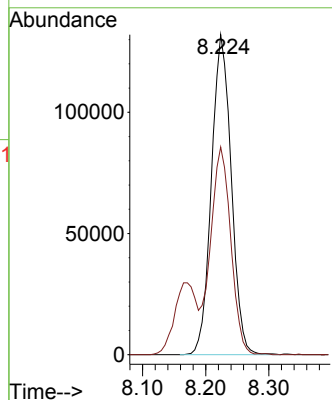
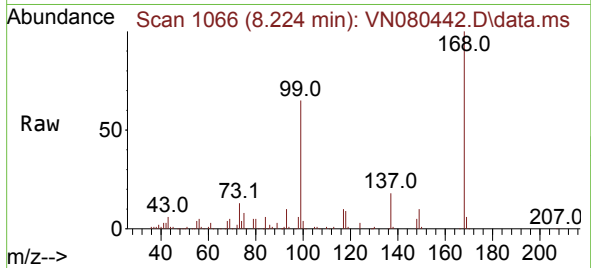
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

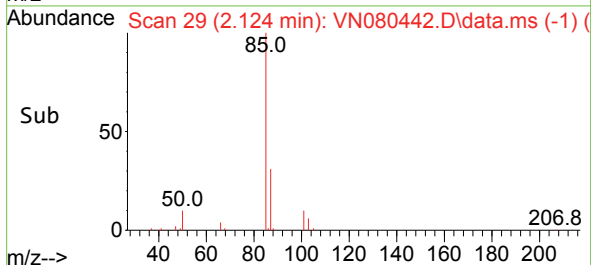
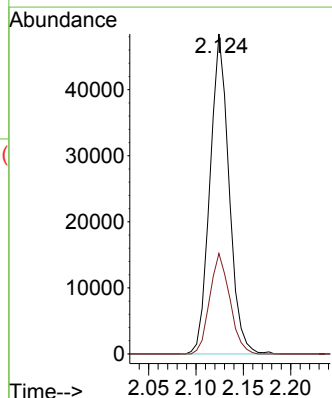
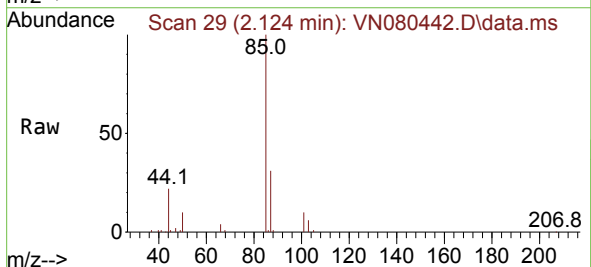
Instrument :
MSVOA_N
ClientSampleId :

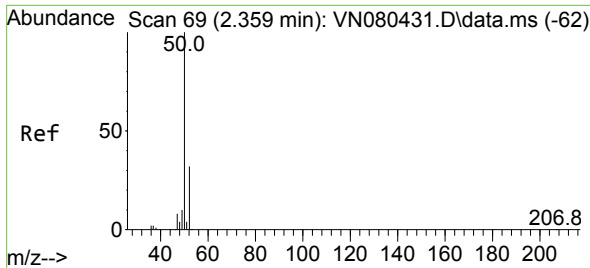
Tgt Ion:168 Resp: 287264
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.436 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 85 Resp: 67678
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4

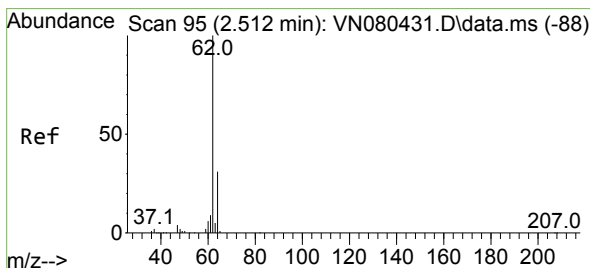
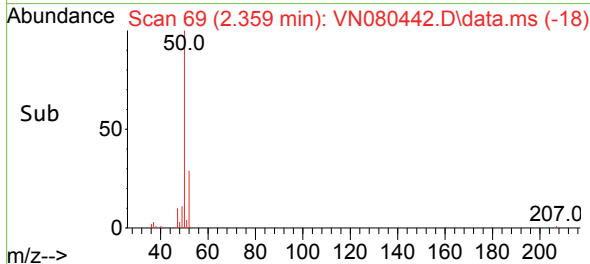
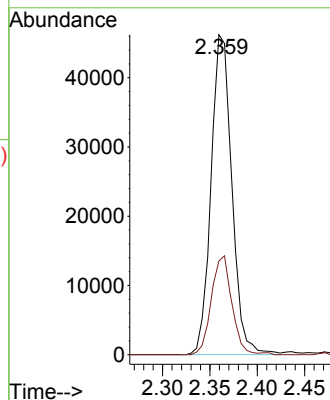
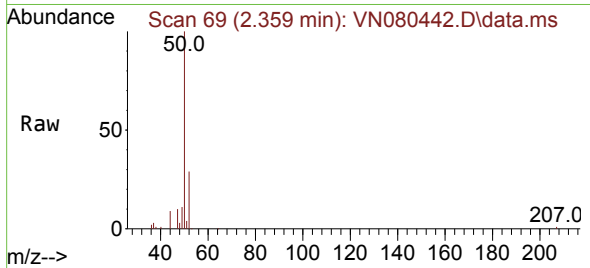




#3
Chloromethane
Concen: 18.141 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

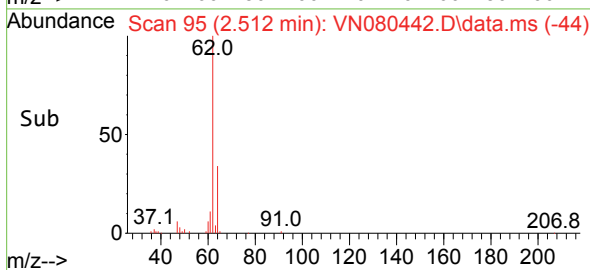
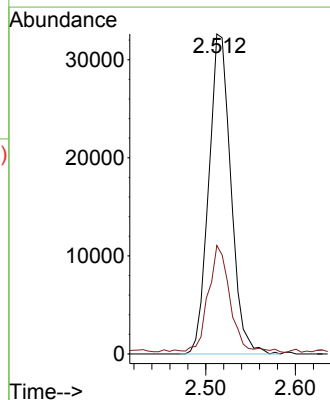
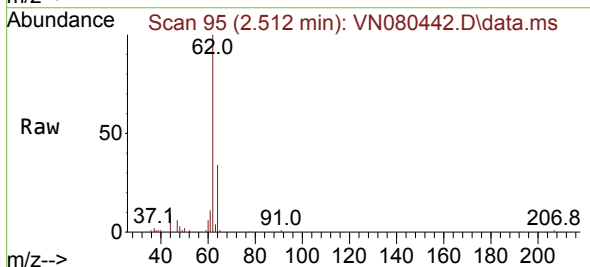
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ClientSampleId :

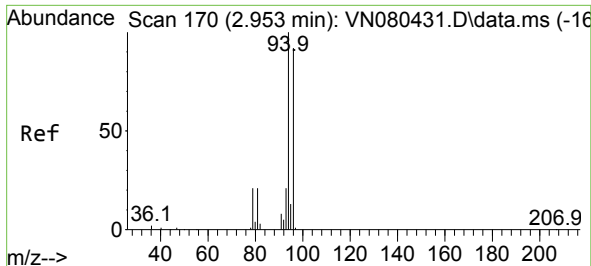
Tgt Ion: 50 Resp: 70746
Ion Ratio Lower Upper
50 100
52 29.3 26.5 39.7



#4
Vinyl Chloride
Concen: 17.823 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

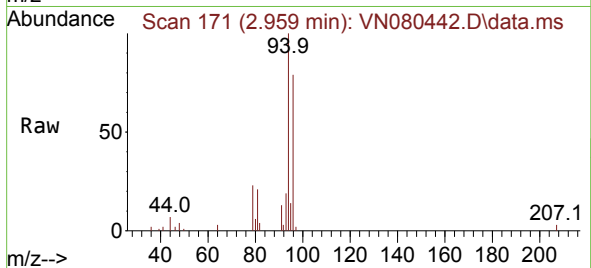
Tgt Ion: 62 Resp: 55875
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2



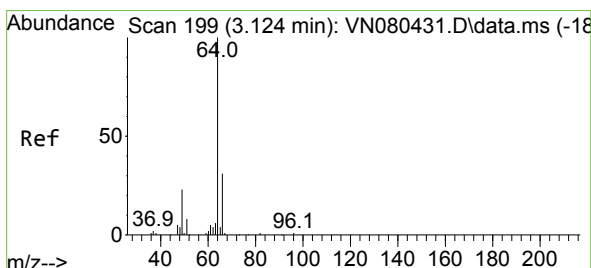
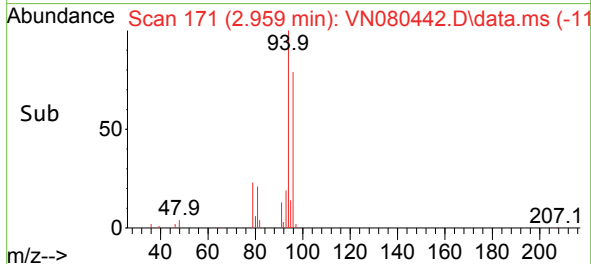
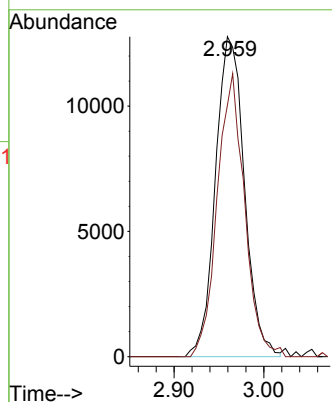


#5
Bromomethane
Concen: 20.275 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

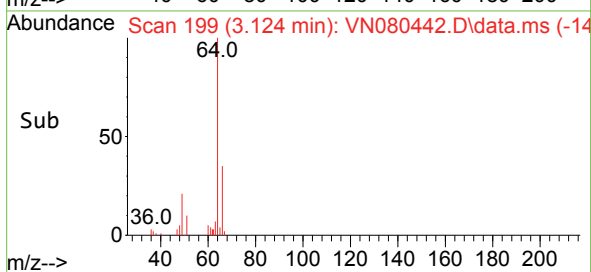
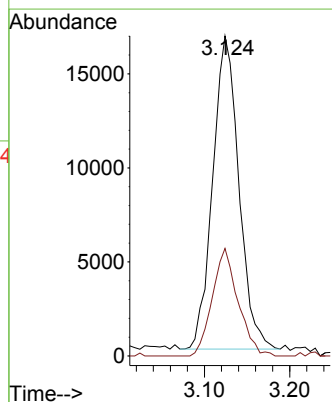
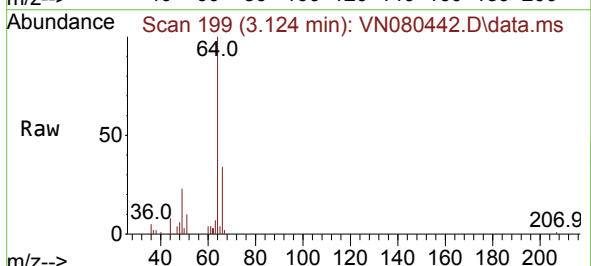


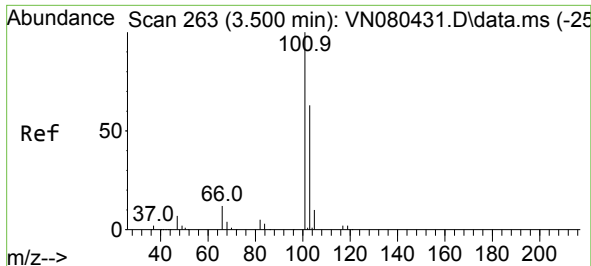
Tgt Ion: 94 Resp: 28658
Ion Ratio Lower Upper
94 100
96 78.6 73.1 109.7



#6
Chloroethane
Concen: 17.624 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 64 Resp: 35505
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2

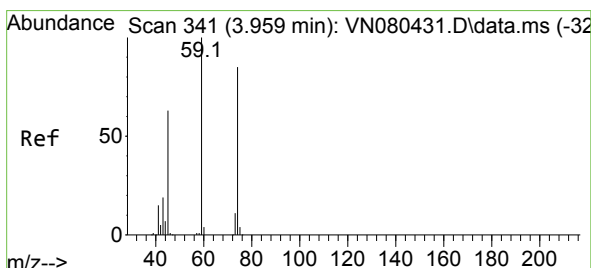
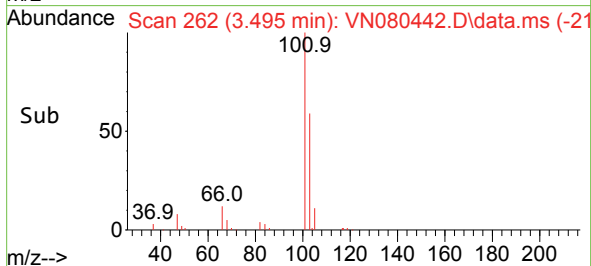
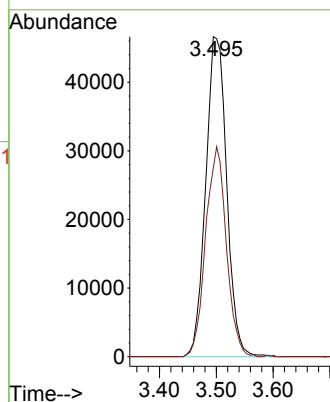
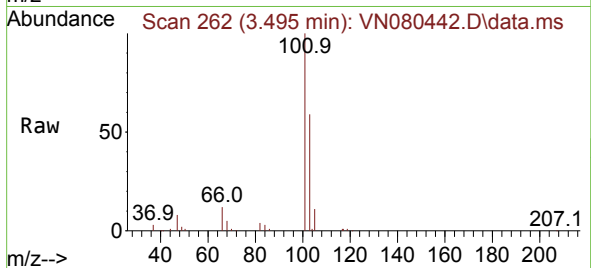




#7
 Trichlorofluoromethane
 Concen: 18.812 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

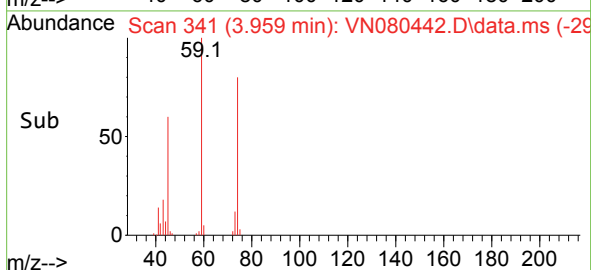
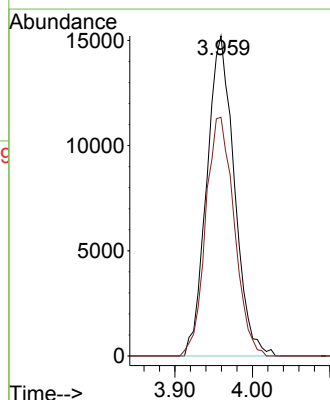
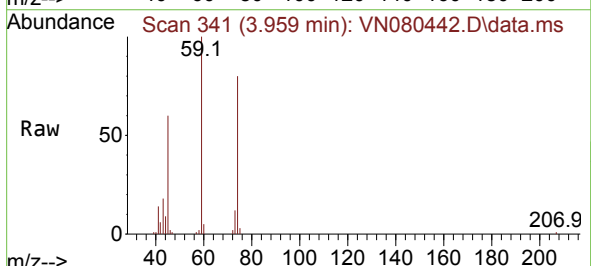
Instrument :
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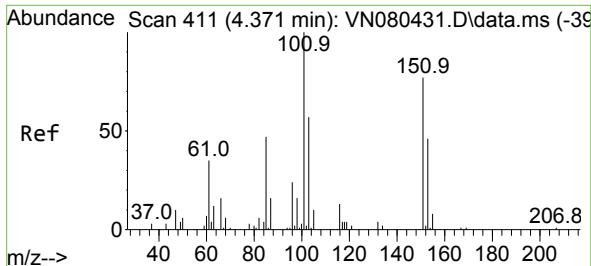
Tgt Ion:101 Resp: 119617
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.704 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

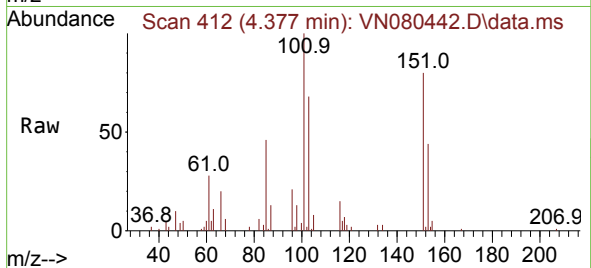
Tgt Ion: 74 Resp: 37462
 Ion Ratio Lower Upper
 74 100
 45 77.3 34.4 103.3



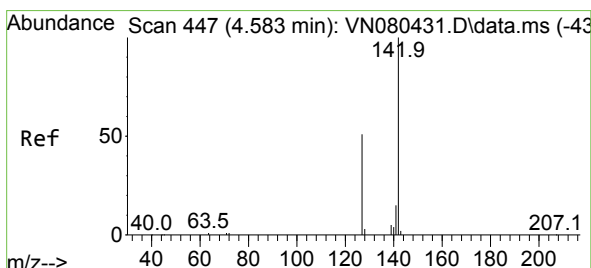
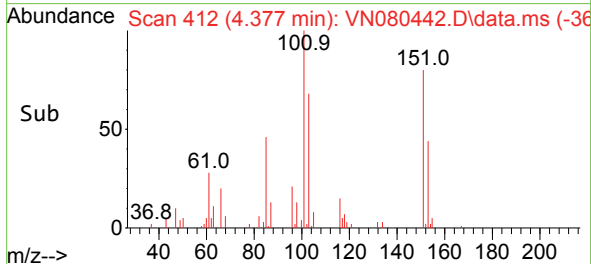
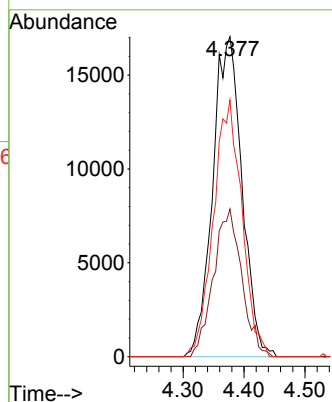


#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.896 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

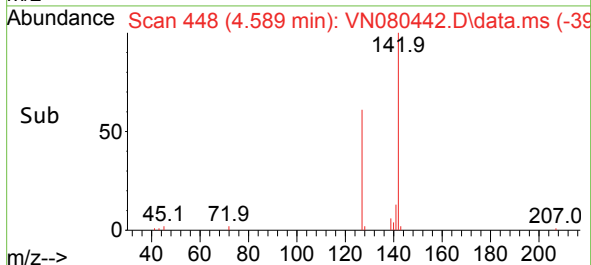
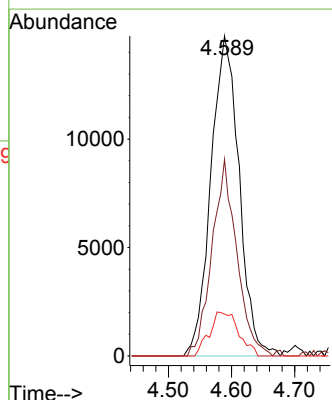
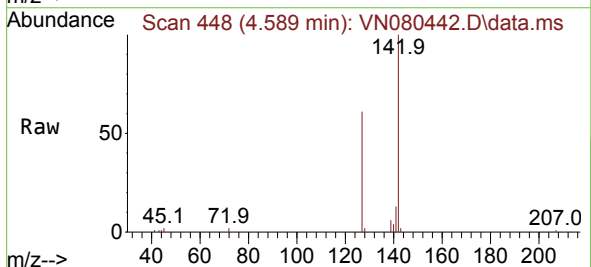


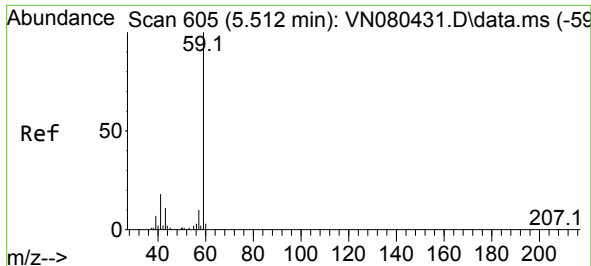
Tgt Ion:101 Resp: 56951
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.9 57.6 86.4



#10
Methyl Iodide
Concen: 17.253 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:142 Resp: 45738
Ion Ratio Lower Upper
142 100
127 61.4 37.6 56.4#
141 13.1 11.4 17.0

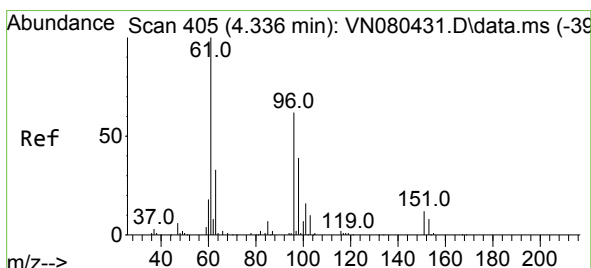
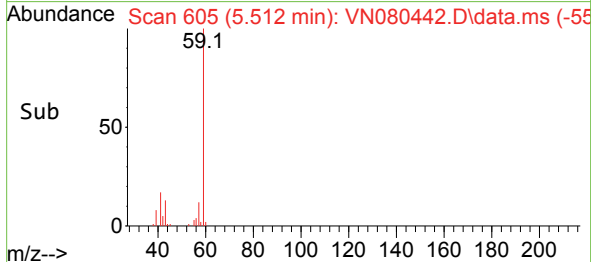
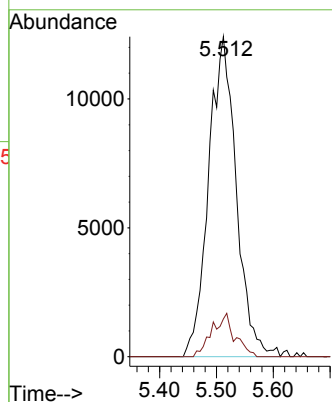
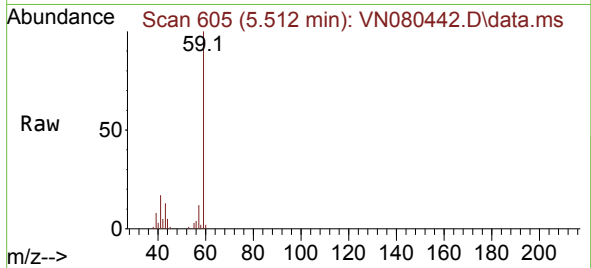




#11
Tert butyl alcohol
Concen: 97.239 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

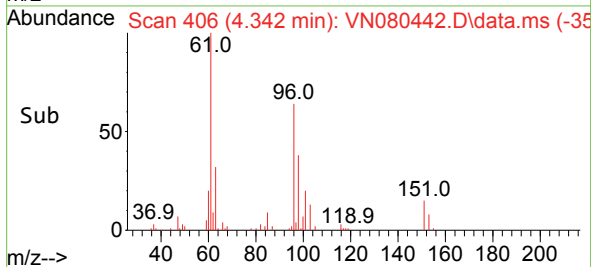
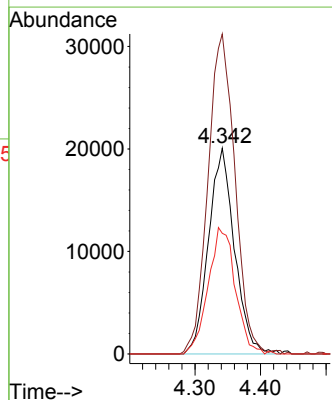
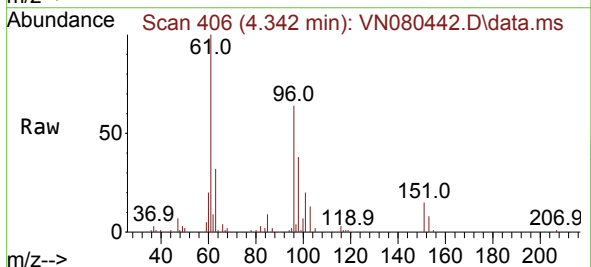
Instrument :
MSVOA_N
ClientSampleId :

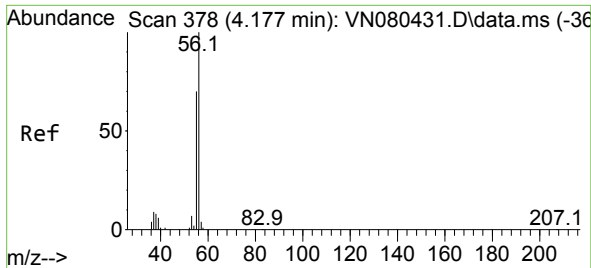
Tgt Ion: 59 Resp: 42018
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.883 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 96 Resp: 55225
Ion Ratio Lower Upper
96 100
61 155.6 112.7 169.1
98 58.6 51.2 76.8

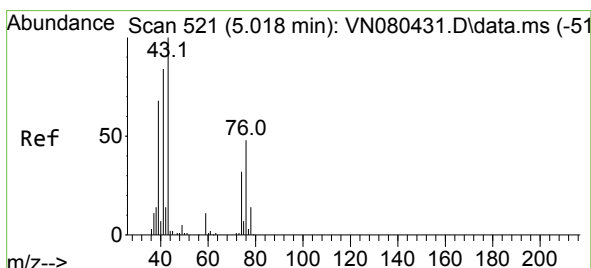
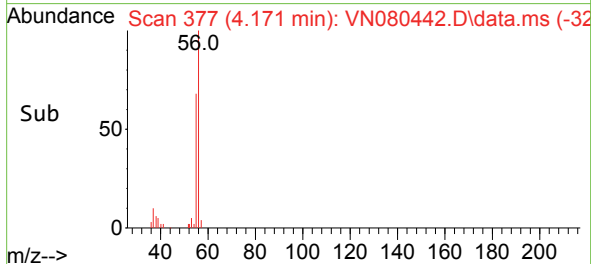
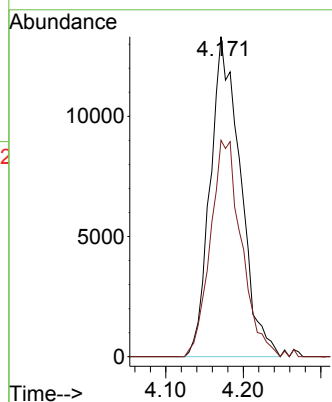
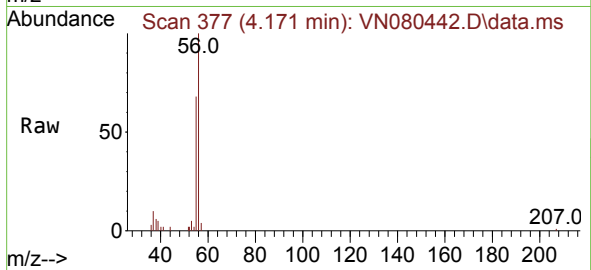




#13
Acrolein
Concen: 76.117 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

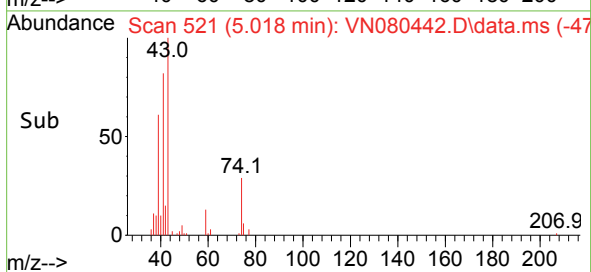
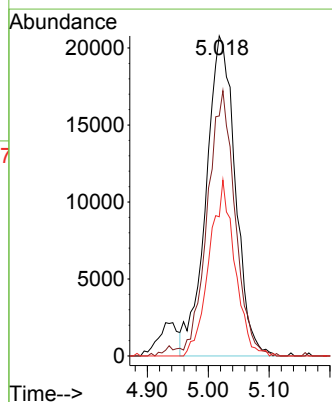
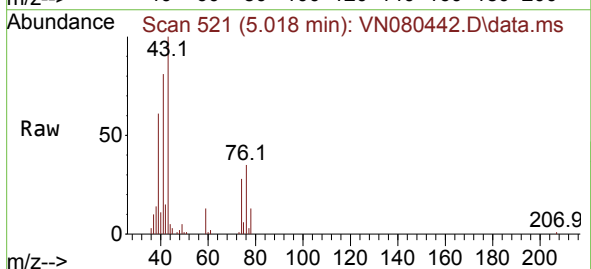
Instrument :
MSVOA_N
ClientSampleId :

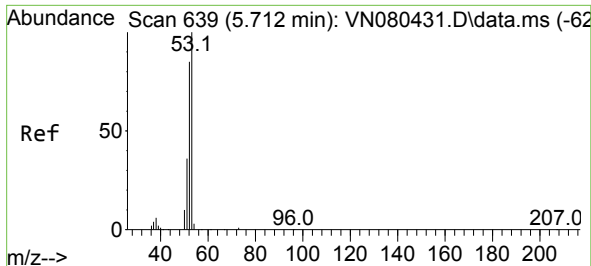
Tgt Ion: 56 Resp: 36020
Ion Ratio Lower Upper
56 100
55 69.6 54.5 81.7



#14
Allyl chloride
Concen: 18.185 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

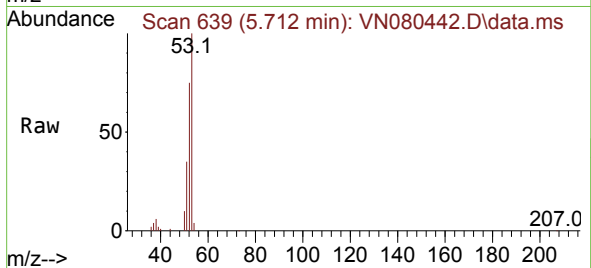
Tgt Ion: 41 Resp: 69483
Ion Ratio Lower Upper
41 100
39 78.5 58.8 88.2
76 48.0 39.1 58.7





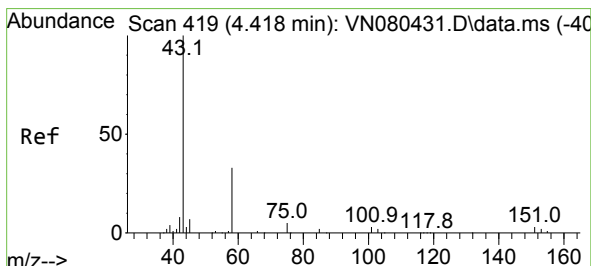
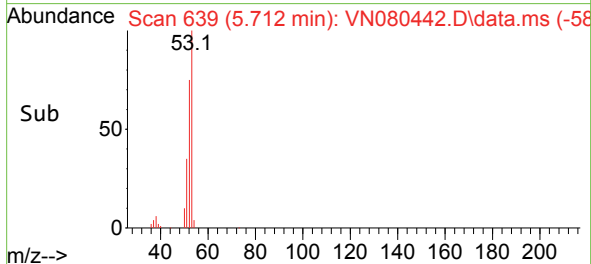
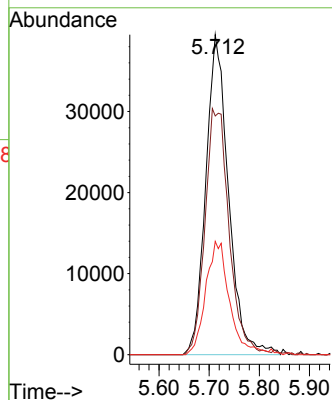
#15
Acrylonitrile
Concen: 101.783 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 124272

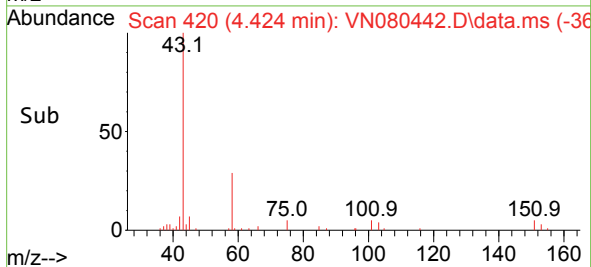
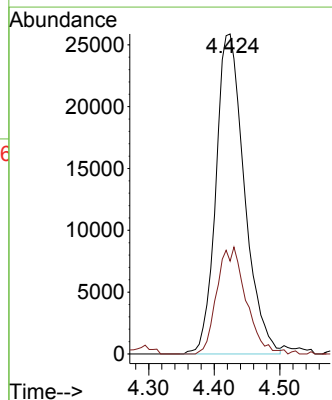
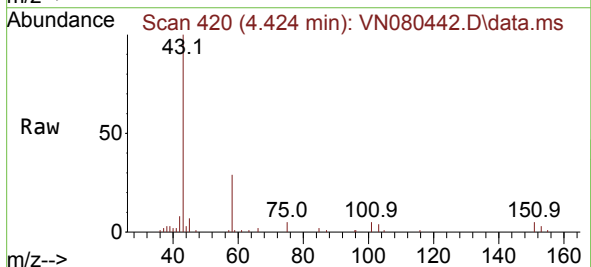
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.3	97.9
51	37.0	28.9	43.3

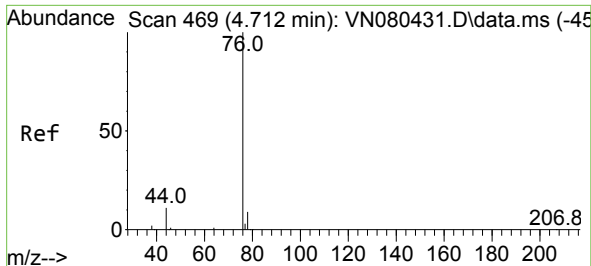


#16
Acetone
Concen: 119.880 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 43 Resp: 77989

Ion	Ratio	Lower	Upper
43	100		
58	29.0	28.0	42.0

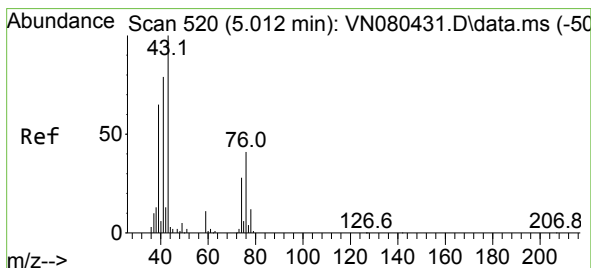
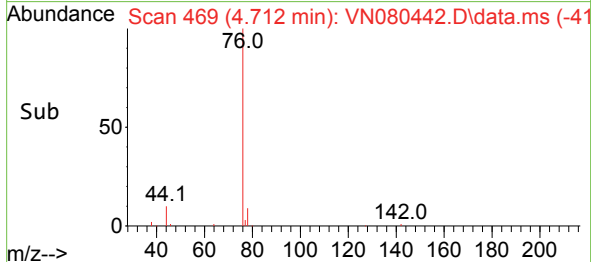
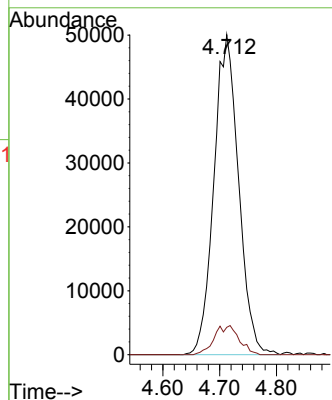
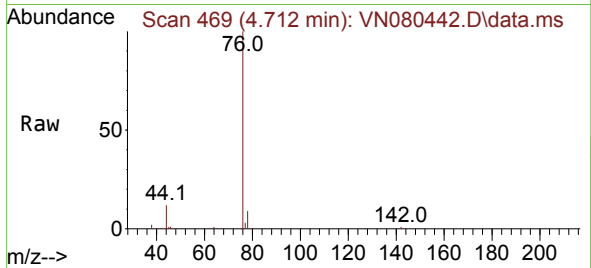




#17
Carbon Disulfide
Concen: 17.237 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

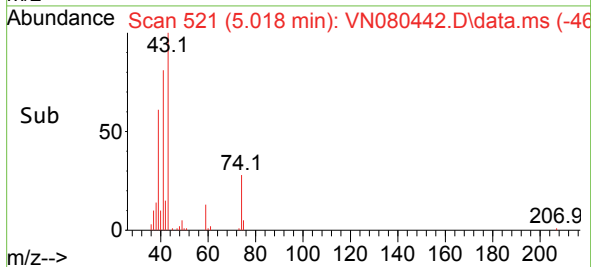
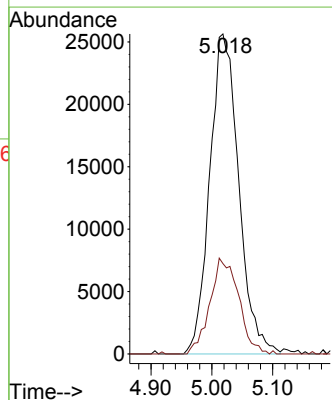
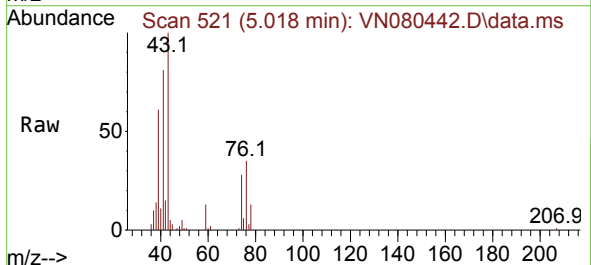
Instrument :
MSVOA_N
ClientSampleId :

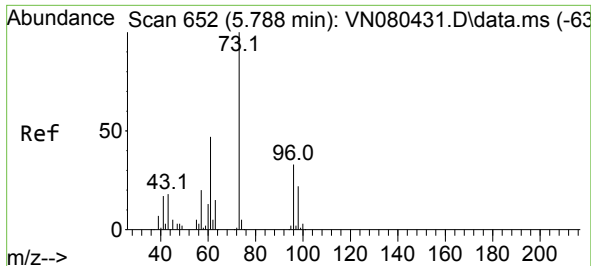
Tgt Ion: 76 Resp: 150857
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.253 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 43 Resp: 84777
Ion Ratio Lower Upper
43 100
74 29.8 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 19.485 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

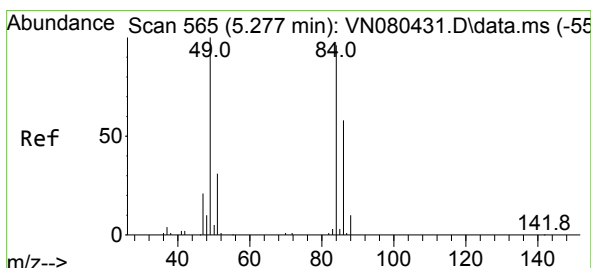
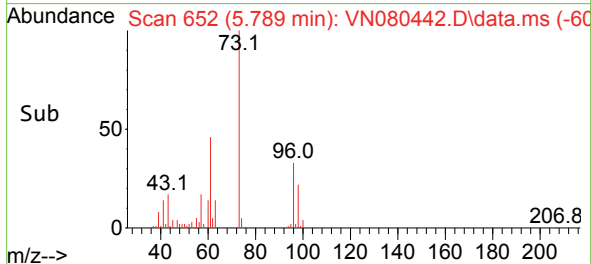
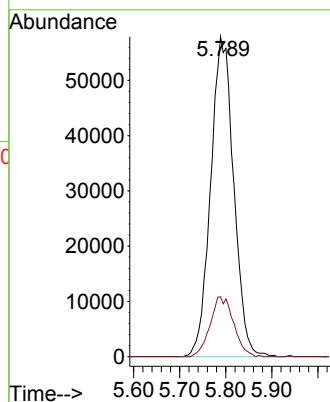
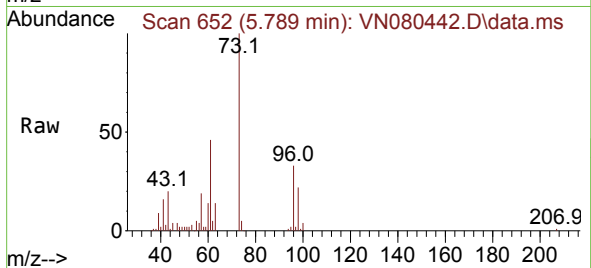
ClientSampleId :

Tgt Ion: 73 Resp: 200755

Ion Ratio Lower Upper

73 100

57 18.7 15.6 23.4



#20

Methylene Chloride

Concen: 18.432 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Tgt Ion: 84 Resp: 64171

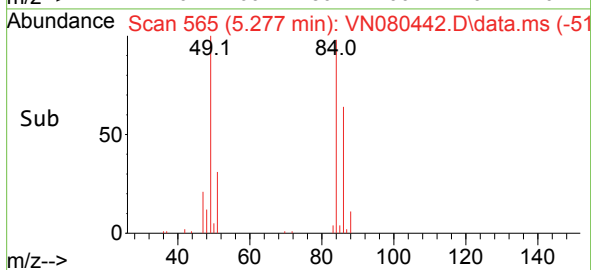
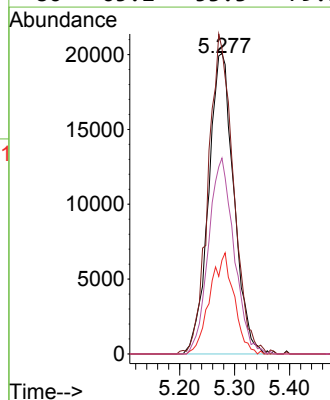
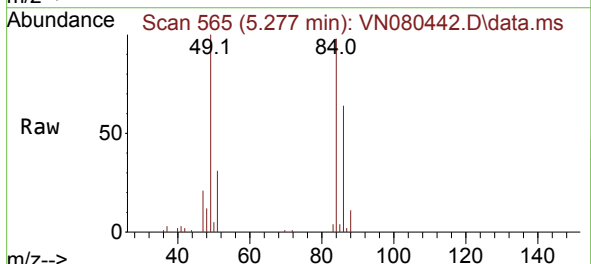
Ion Ratio Lower Upper

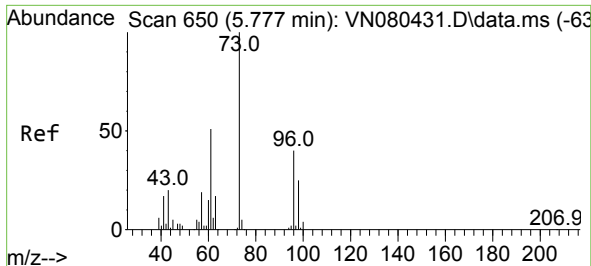
84 100

49 101.6 79.7 119.5

51 31.2 25.2 37.8

86 65.2 53.3 79.9

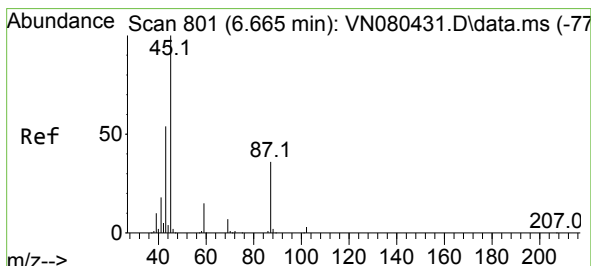
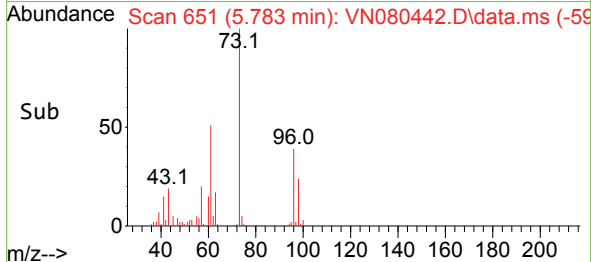
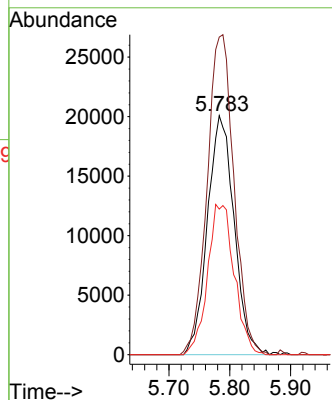
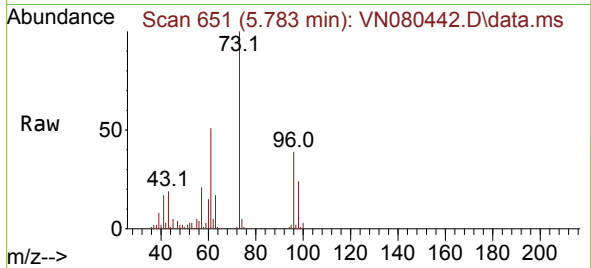




#21
trans-1,2-Dichloroethene
Concen: 18.289 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

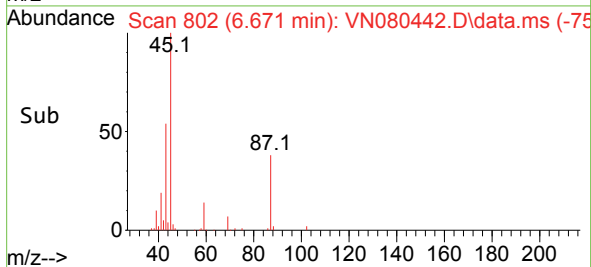
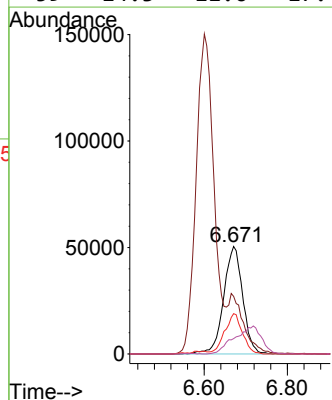
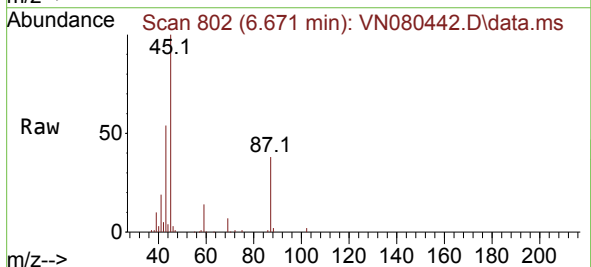
Instrument :
MSVOA_N
ClientSampleId :

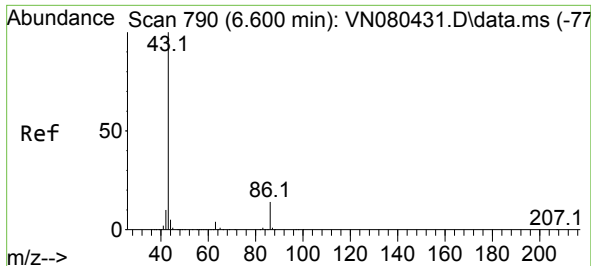
Tgt Ion: 96 Resp: 61240
Ion Ratio Lower Upper
96 100
61 132.9 90.1 135.1
98 60.9 46.4 69.6



#22
Diisopropyl ether
Concen: 19.487 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

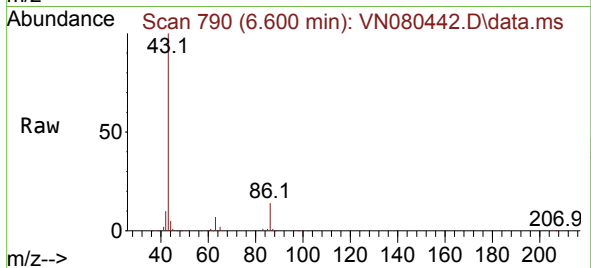
Tgt Ion: 45 Resp: 160700
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 37.5 31.8 47.8
59 14.3 11.6 17.4



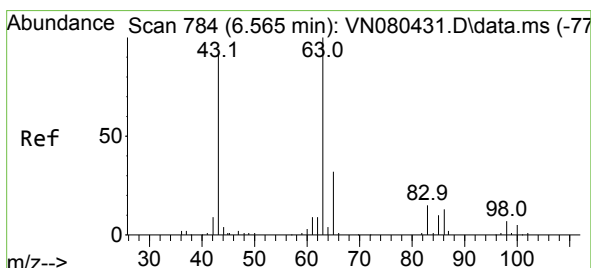
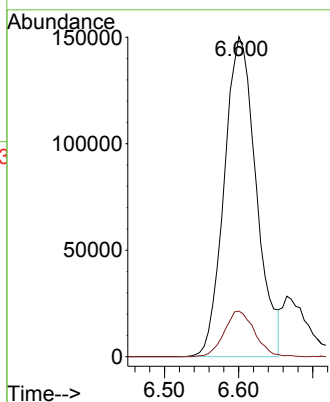
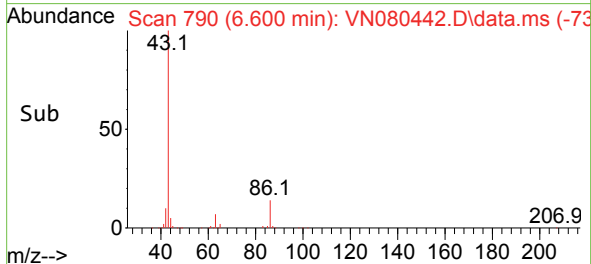


#23
 Vinyl Acetate
 Concen: 95.309 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

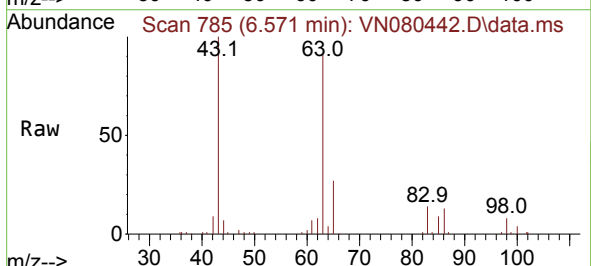
Instrument :
 MSVOA_N
 ClientSampleId :



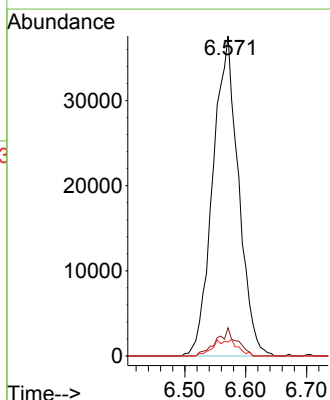
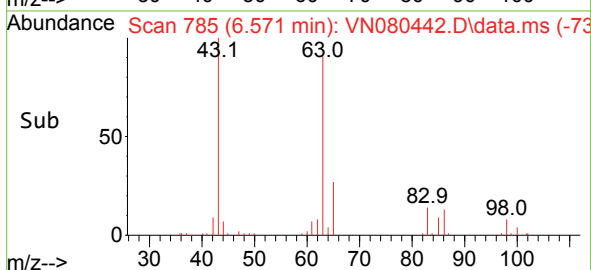
Tgt Ion: 43 Resp: 451404
 Ion Ratio Lower Upper
 43 100
 86 14.3 13.0 19.6

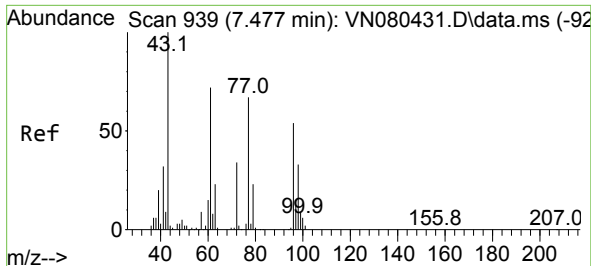


#24
 1,1-Dichloroethane
 Concen: 19.099 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03



Tgt Ion: 63 Resp: 109884
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.4 2.5 7.4

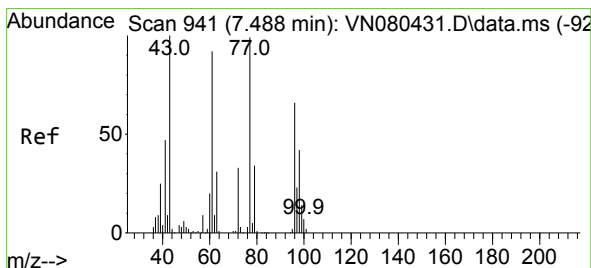
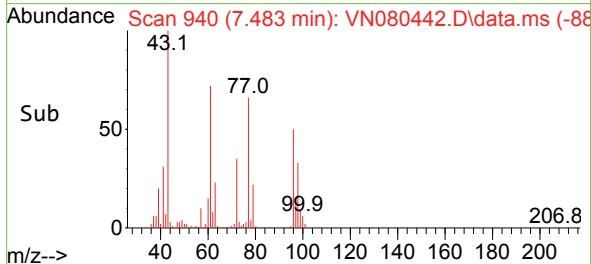
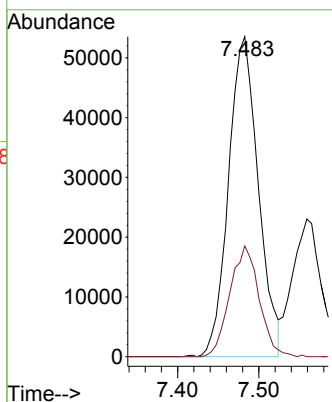
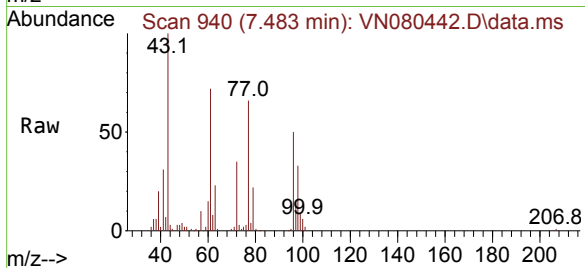




#25
2-Butanone
Concen: 109.002 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

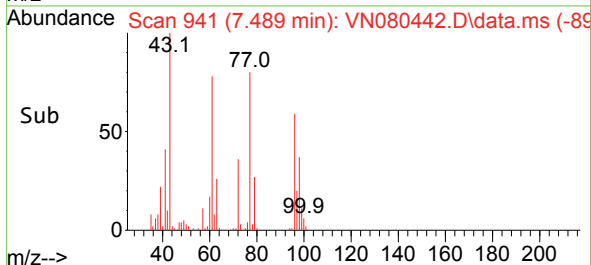
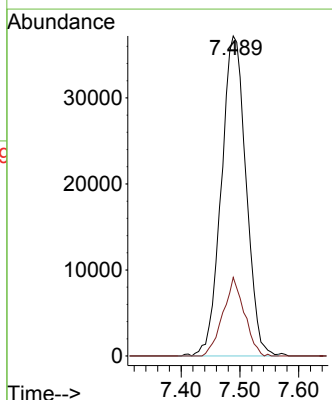
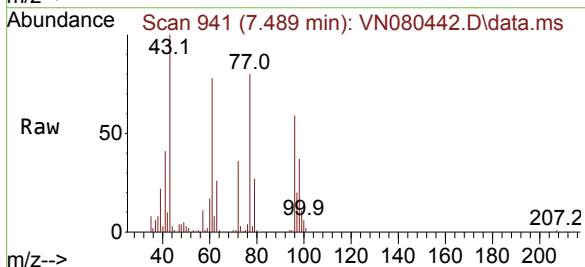
Instrument :
MSVOA_N
ClientSampleId :

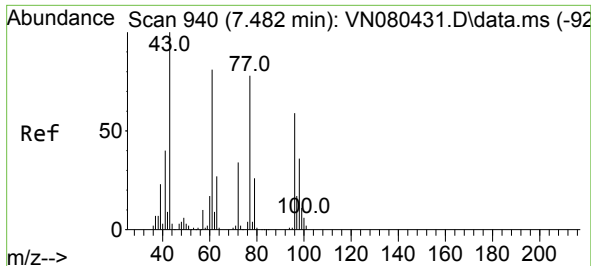
Tgt Ion: 43 Resp: 136607
Ion Ratio Lower Upper
43 100
72 34.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 18.445 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 77 Resp: 108515
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6

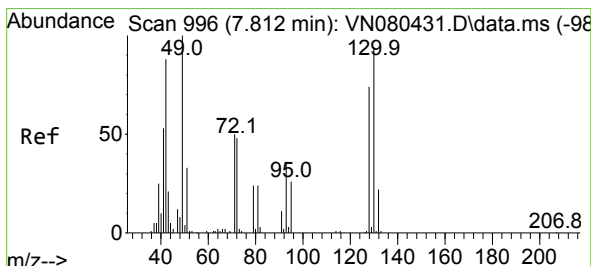
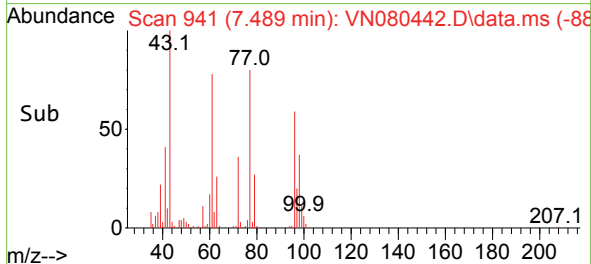
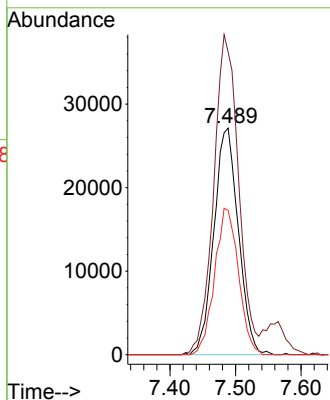
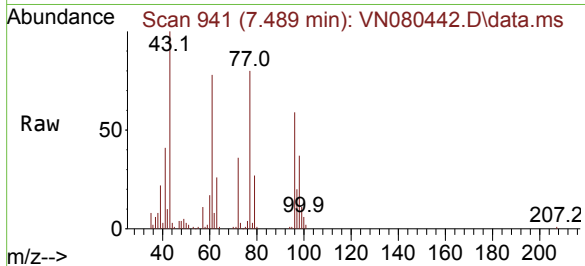




#27
 cis-1,2-Dichloroethene
 Concen: 18.560 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

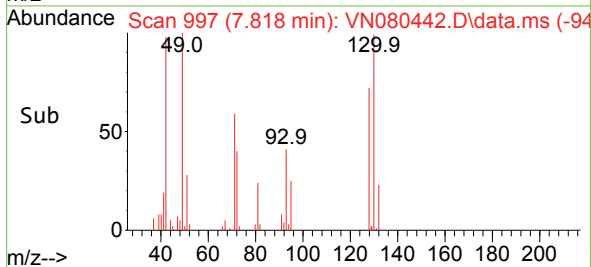
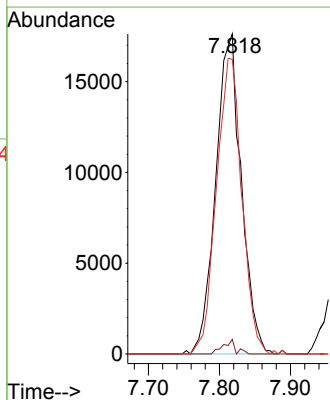
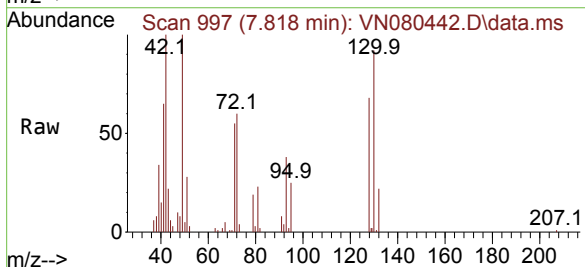
Instrument :
 MSVOA_N
 ClientSampleId :

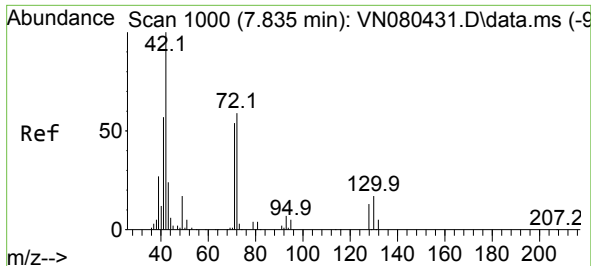
Tgt Ion: 96 Resp: 70347
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 255.2
 98 62.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.932 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

Tgt Ion: 49 Resp: 44030
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 92.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.249 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

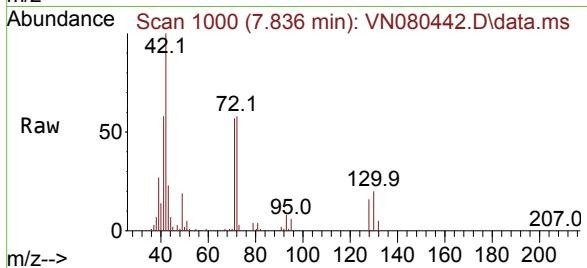
Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

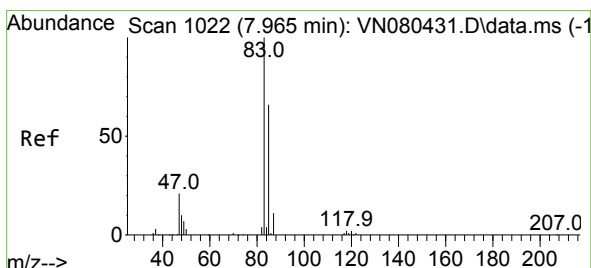
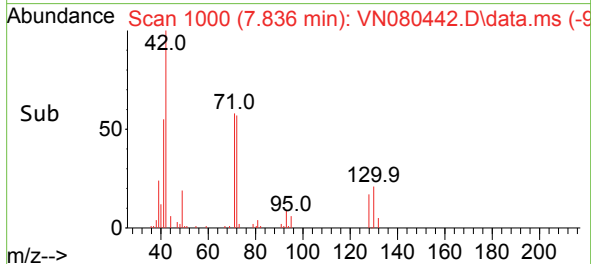
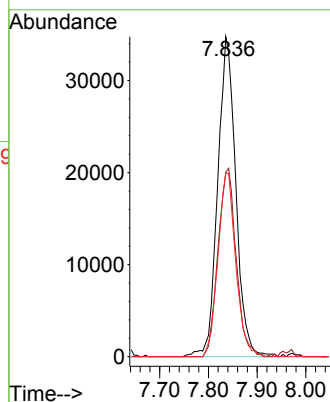
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	89966
Ion Ratio	Lower	Upper	
42	100		
72	58.9	49.8	74.6
71	56.3	47.4	71.2



#30

Chloroform

Concen: 19.167 ug/l

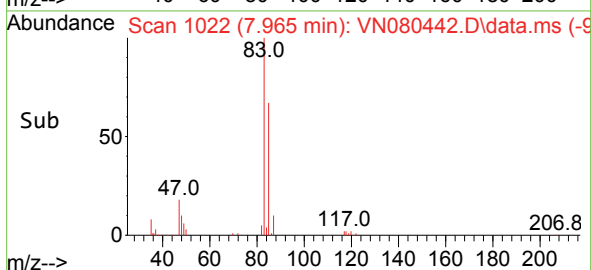
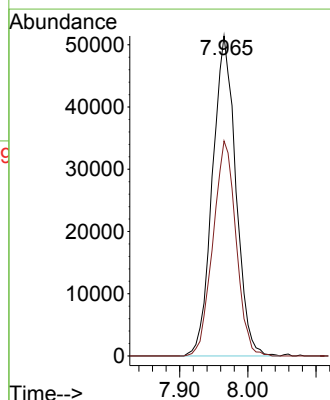
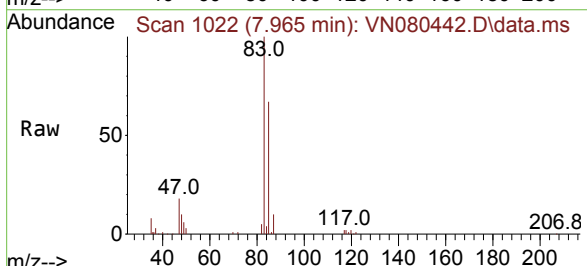
RT: 7.965 min Scan# 1022

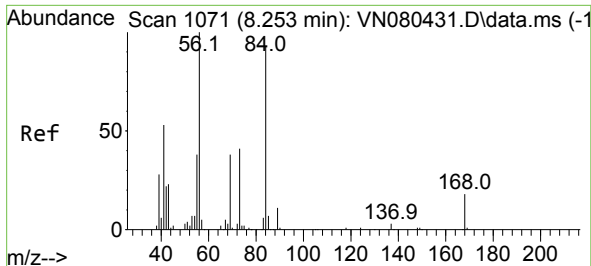
Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Tgt Ion:	83	Resp:	122411
Ion Ratio	Lower	Upper	
83	100		
85	67.2	55.4	83.0

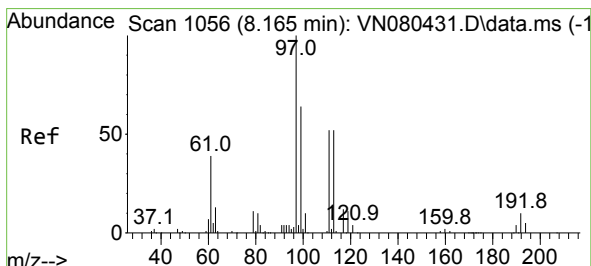
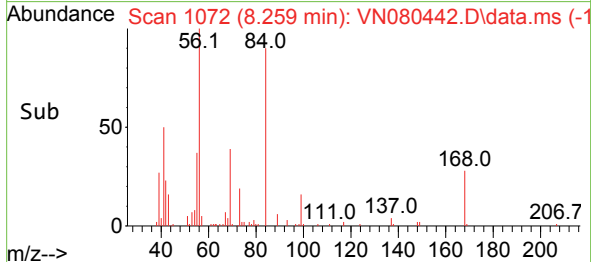
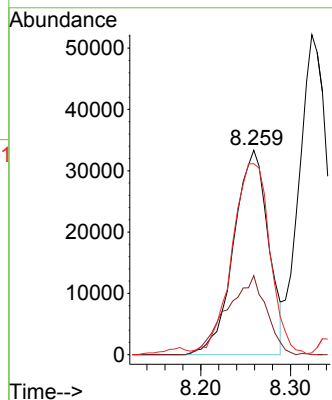
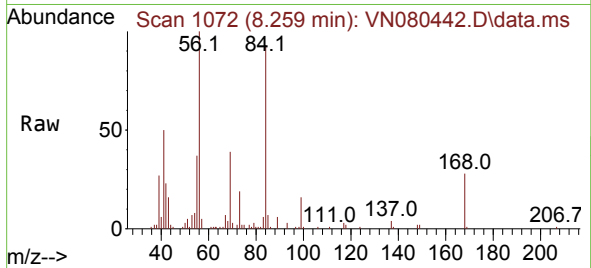




#31
Cyclohexane
Concen: 17.947 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

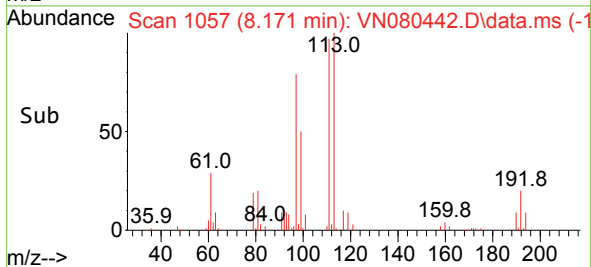
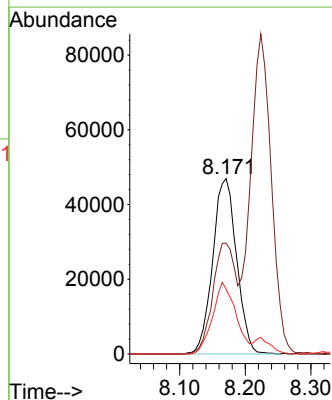
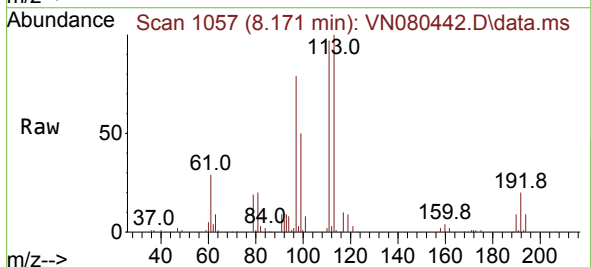
Instrument :
MSVOA_N
ClientSampleId :

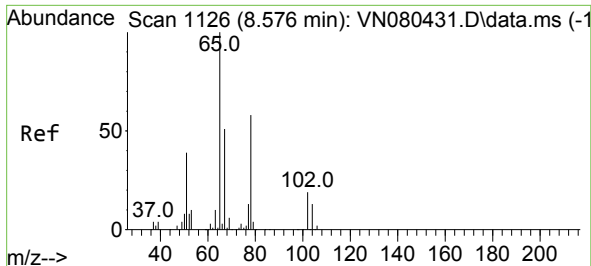
Tgt Ion: 56 Resp: 89544
Ion Ratio Lower Upper
56 100
69 38.6 26.8 40.2
84 89.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.982 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 97 Resp: 118696
Ion Ratio Lower Upper
97 100
99 59.9 50.3 75.5
61 39.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.086 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

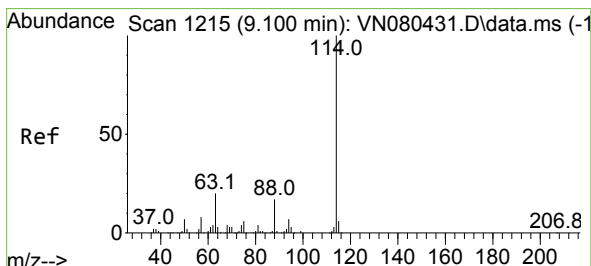
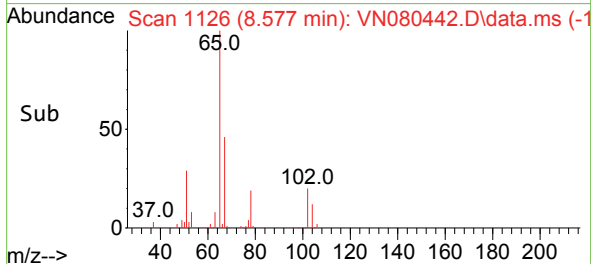
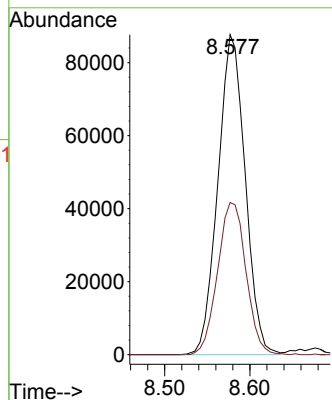
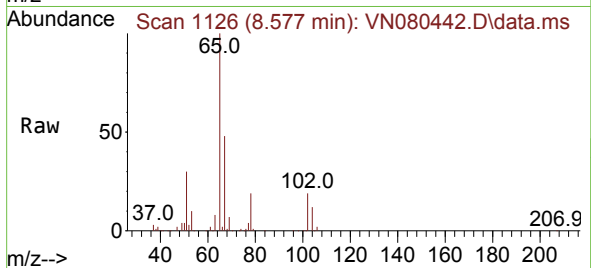
ClientSampleId :

Tgt Ion: 65 Resp: 194774

Ion Ratio Lower Upper

65 100

67 49.5 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: VN080442.D

Acq: 12 Dec 2023 17:03

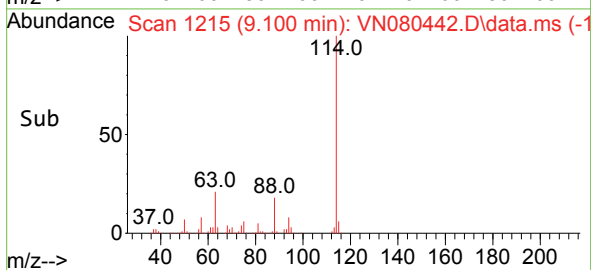
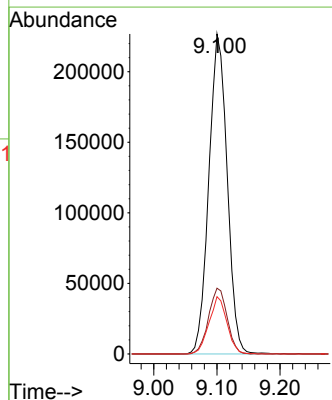
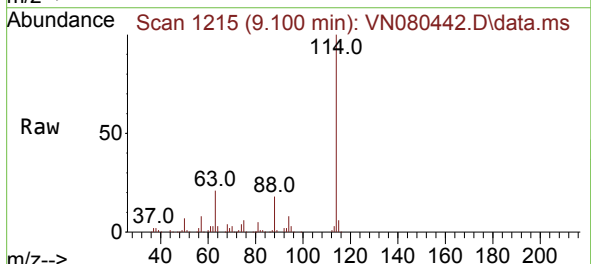
Tgt Ion: 114 Resp: 456897

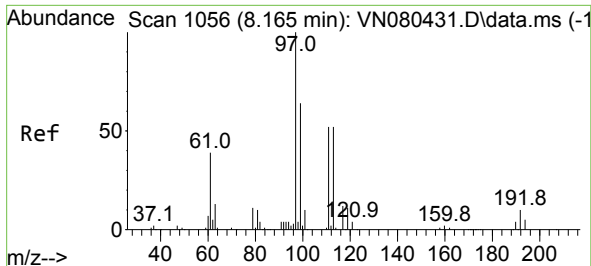
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.9 0.0 30.6

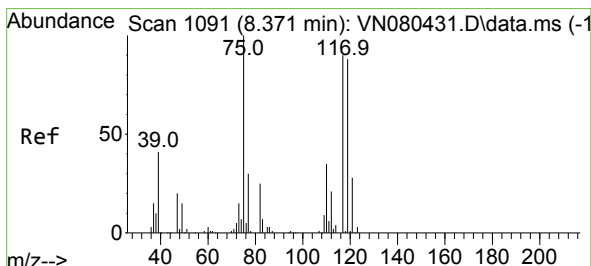
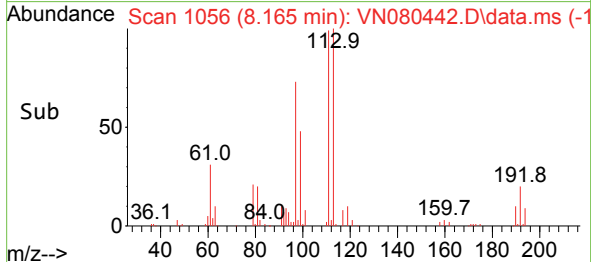
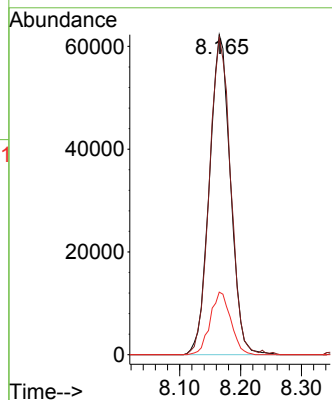
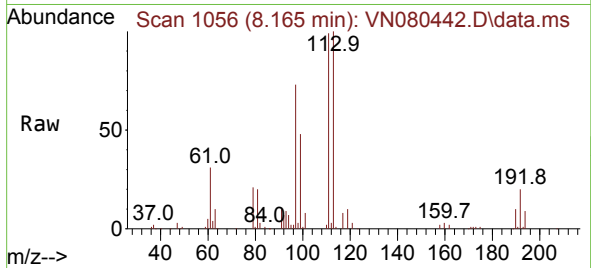




#35
Dibromofluoromethane
Concen: 51.552 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

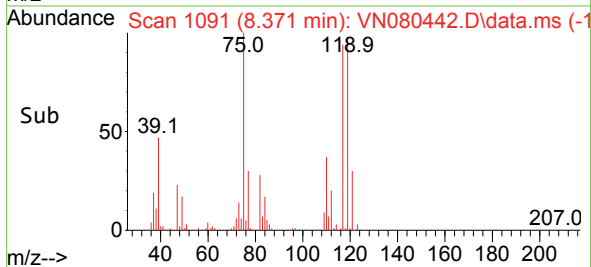
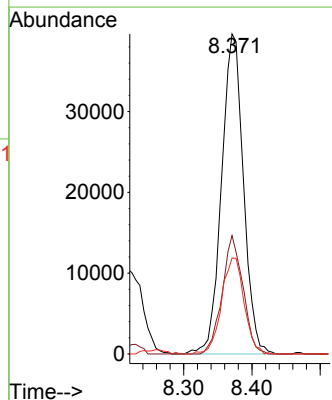
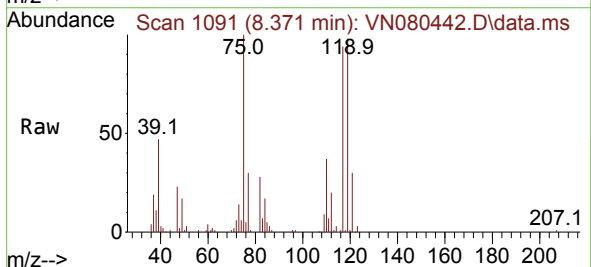
Instrument :
MSVOA_N
ClientSampleId :

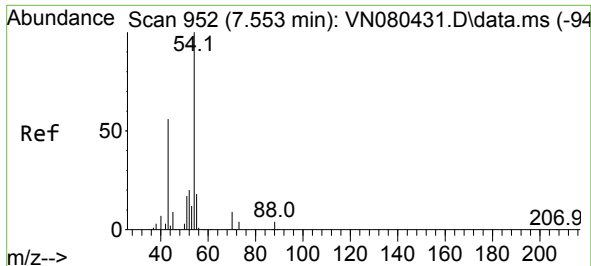
Tgt Ion:113 Resp: 149340
Ion Ratio Lower Upper
113 100
111 99.7 82.6 123.8
192 19.1 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 18.668 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

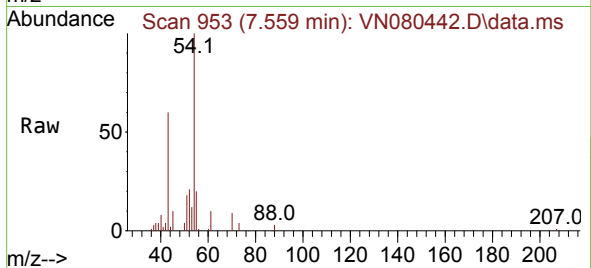
Tgt Ion: 75 Resp: 88424
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 31.0 25.0 37.4



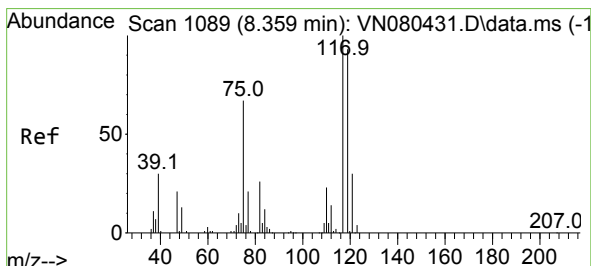
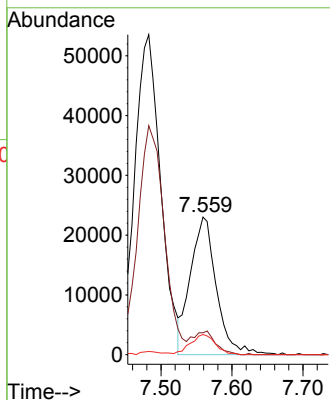
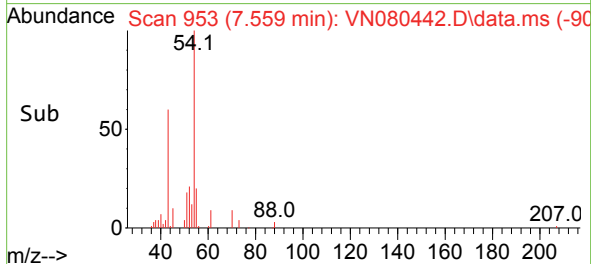


#37
Ethyl Acetate
Concen: 19.837 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

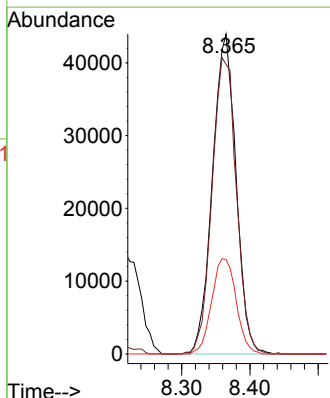
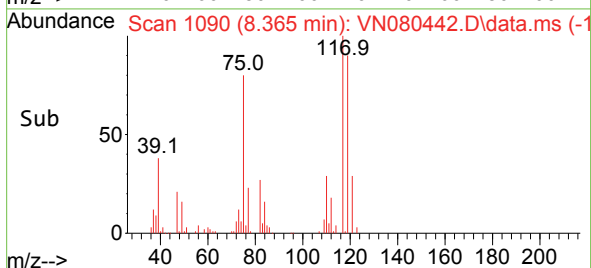
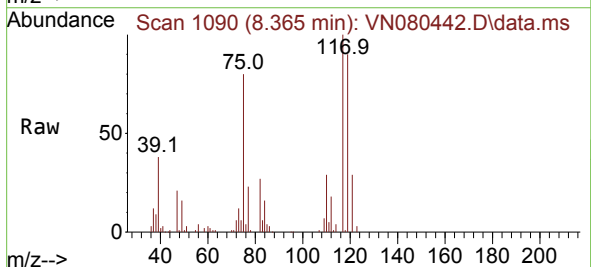


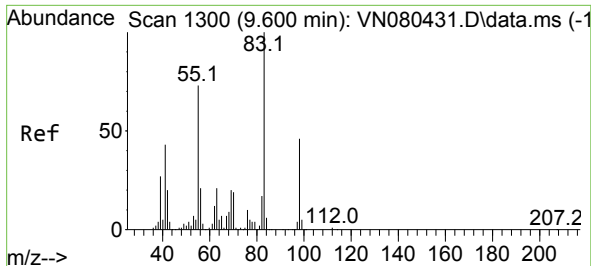
Tgt Ion: 43 Resp: 58838
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 14.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 18.662 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

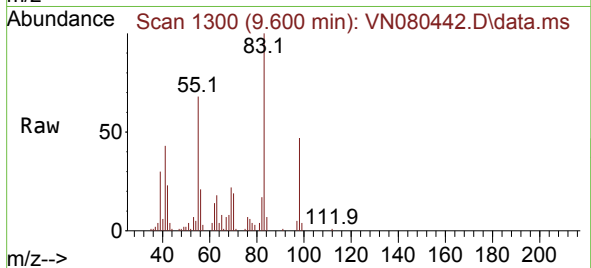
Tgt Ion: 117 Resp: 105620
Ion Ratio Lower Upper
117 100
119 90.5 77.3 115.9
121 29.5 23.3 34.9



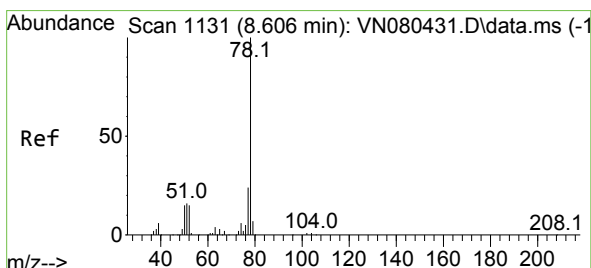
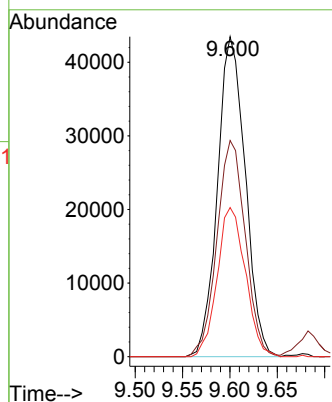
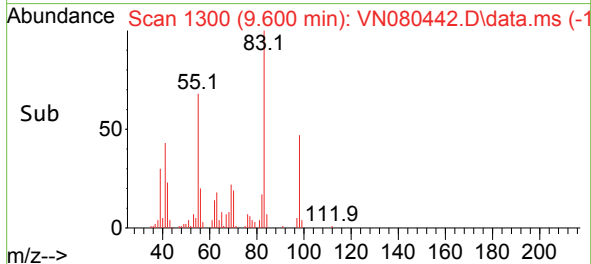


#39
Methylcyclohexane
Concen: 18.017 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

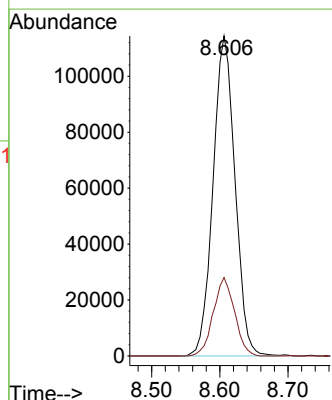
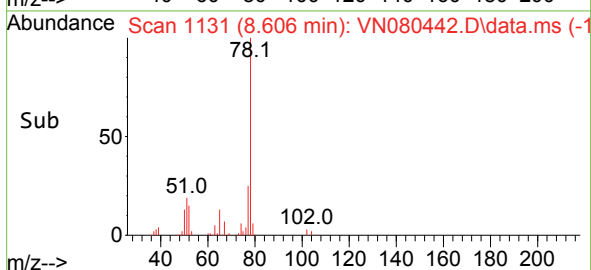
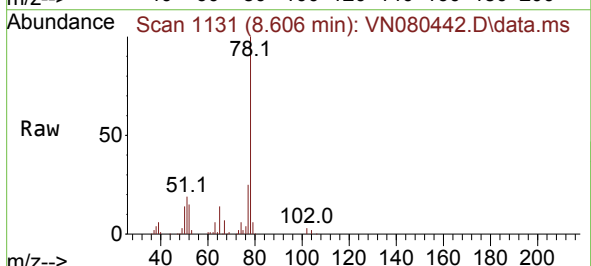


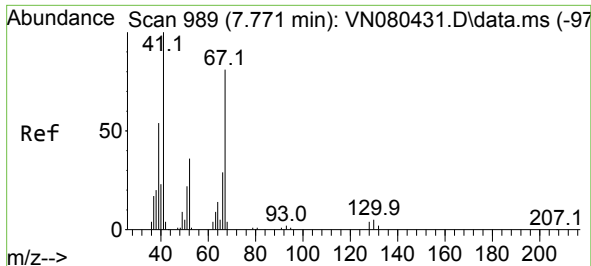
Tgt Ion: 83 Resp: 88653
Ion Ratio Lower Upper
83 100
55 67.5 49.1 73.7
98 46.6 40.6 61.0



#40
Benzene
Concen: 18.754 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

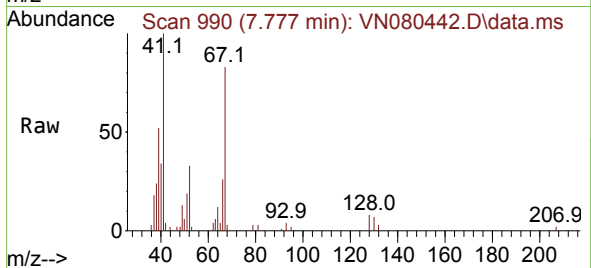
Tgt Ion: 78 Resp: 256511
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6



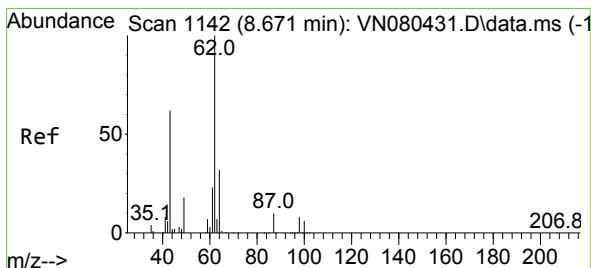
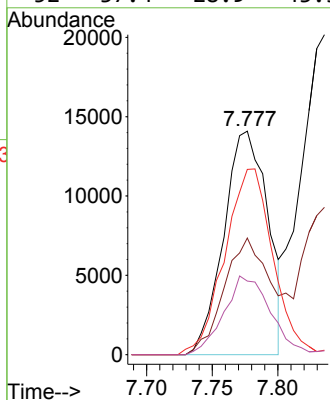
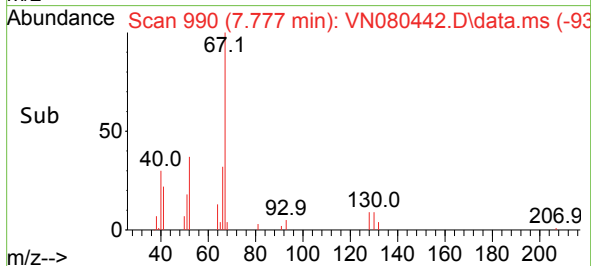


#41
Methacrylonitrile
Concen: 19.309 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

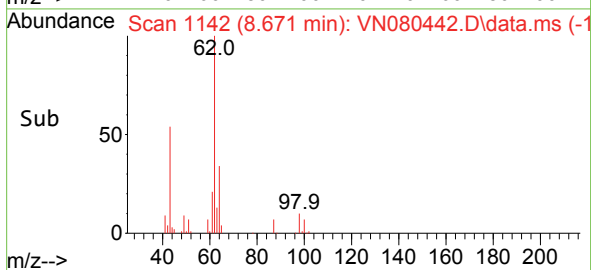
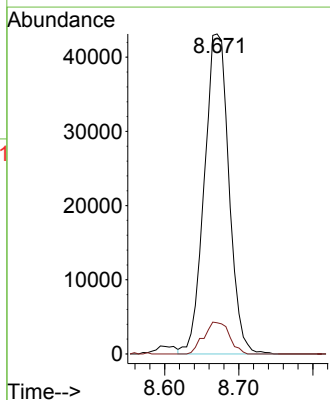
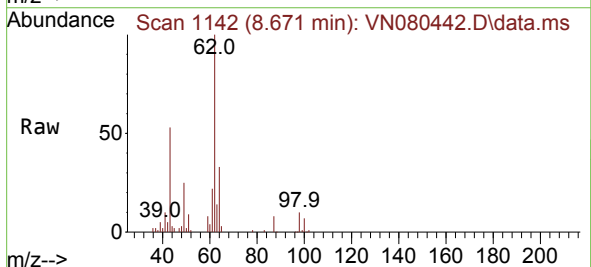


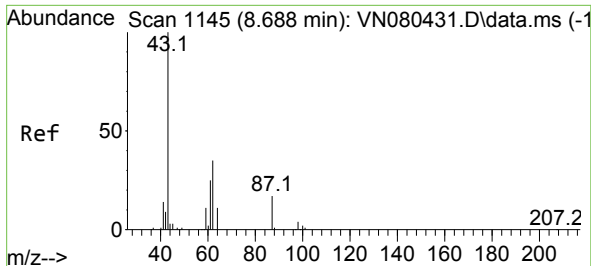
Tgt Ion:	41	Resp:	33018
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	91.0	77.5	116.3
52	37.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.640 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

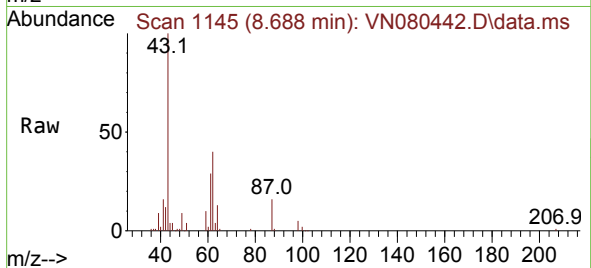
Tgt Ion:	62	Resp:	99479
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8



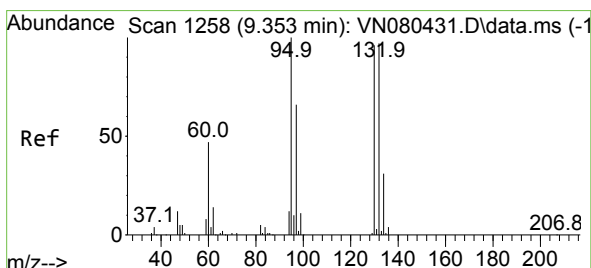
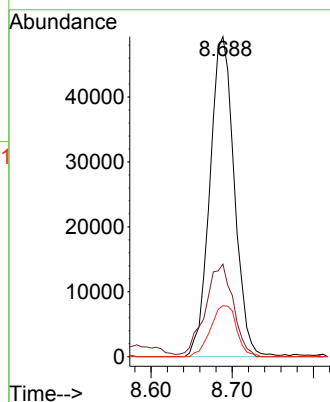
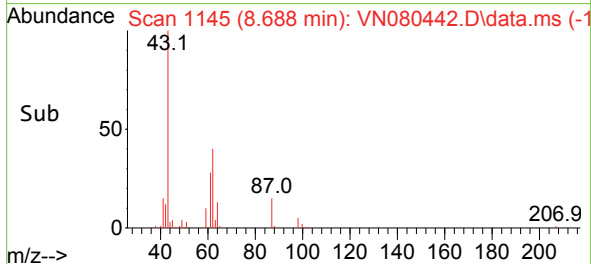


#43
Isopropyl Acetate
Concen: 19.338 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

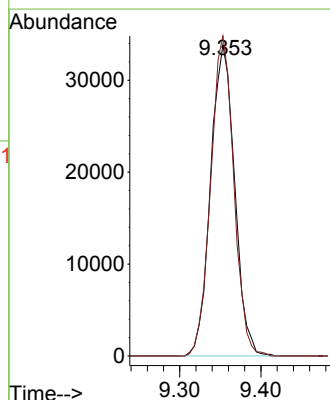
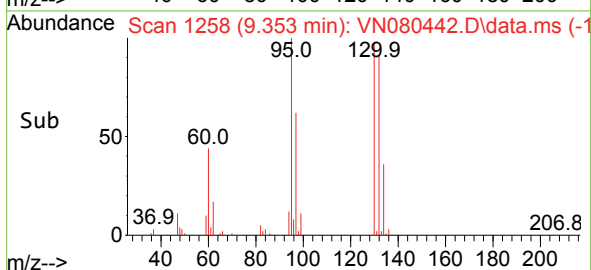
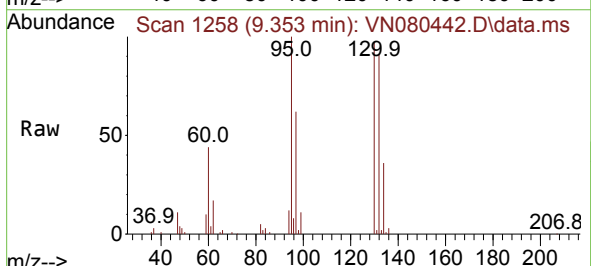


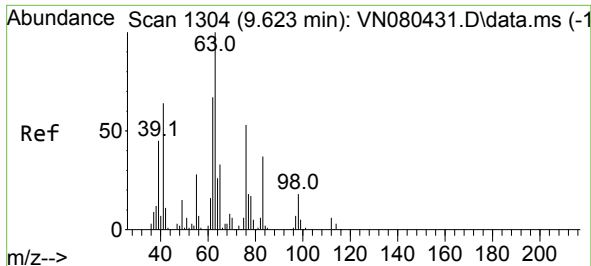
Tgt Ion: 43 Resp: 103132
Ion Ratio Lower Upper
43 100
61 33.2 24.7 37.1
87 17.0 14.6 21.8



#44
Trichloroethene
Concen: 18.857 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:130 Resp: 69532
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.658 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

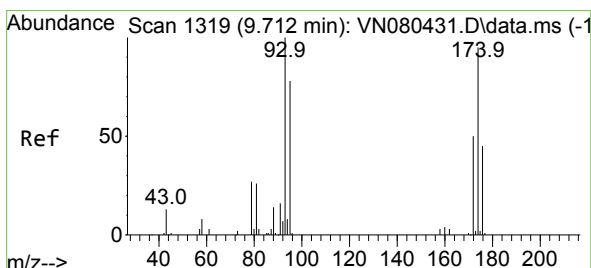
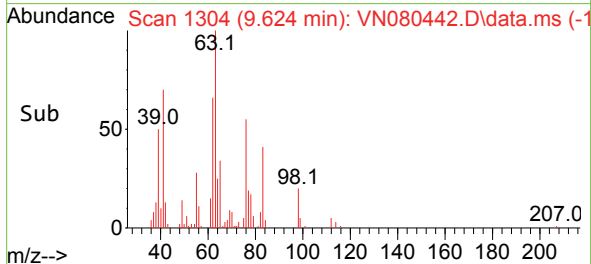
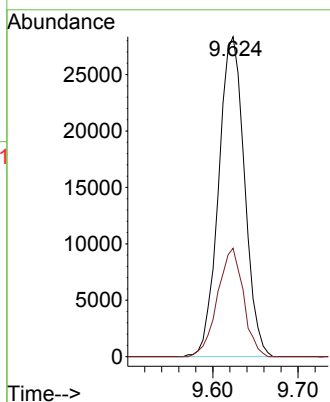
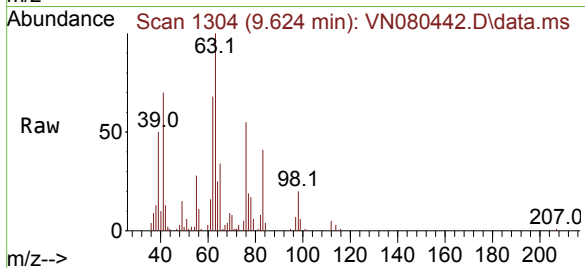
ClientSampleId :

Tgt Ion: 63 Resp: 59939

Ion Ratio Lower Upper

63 100

65 33.9 23.9 35.9



#46

Dibromomethane

Concen: 19.220 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

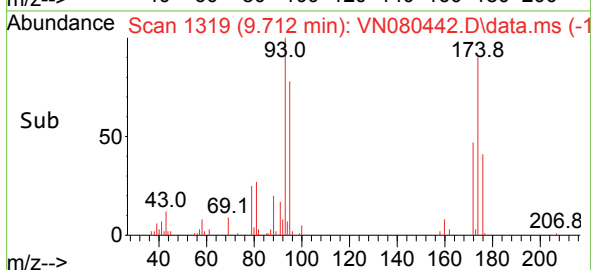
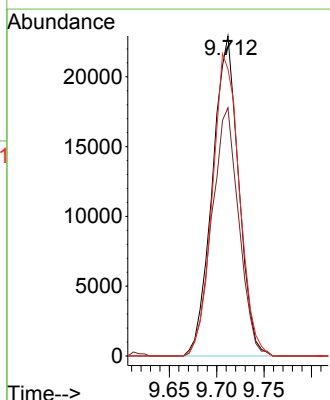
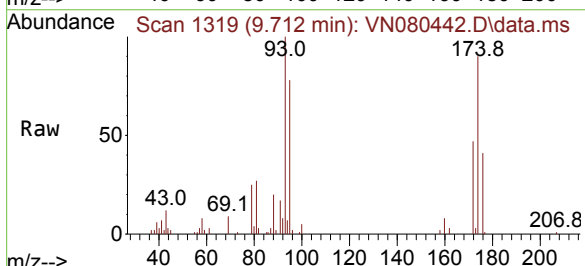
Tgt Ion: 93 Resp: 44340

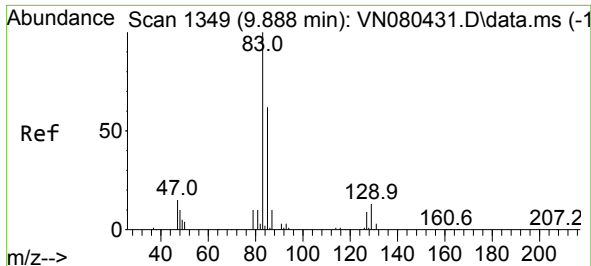
Ion Ratio Lower Upper

93 100

95 79.4 63.8 95.8

174 96.7 65.6 98.4

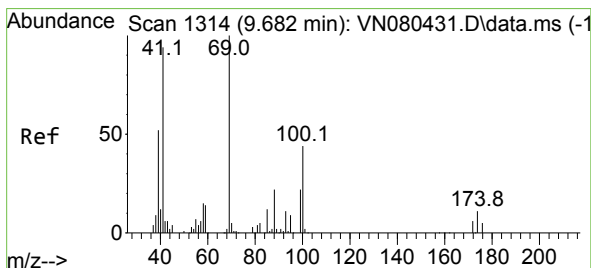
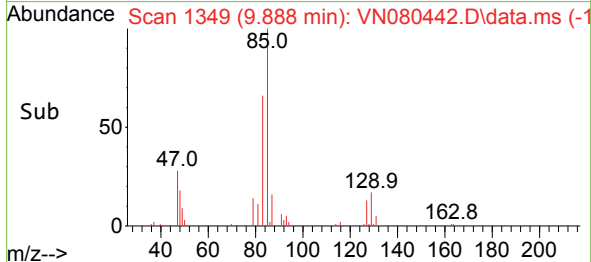
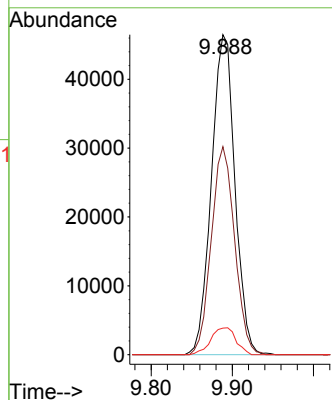
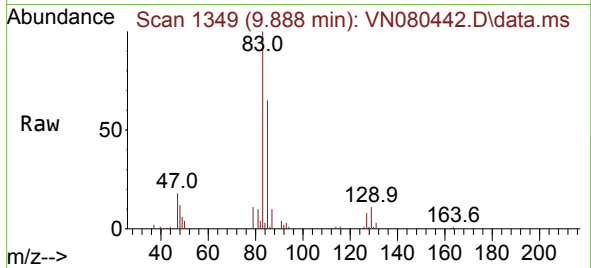




#47
Bromodichloromethane
Concen: 18.904 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

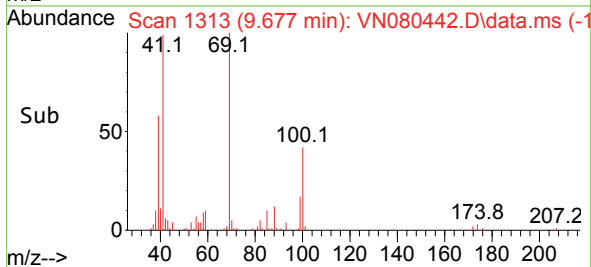
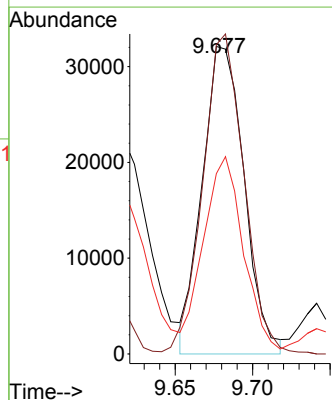
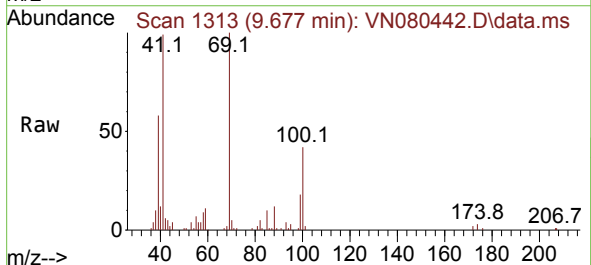
Instrument :
MSVOA_N
ClientSampleId :

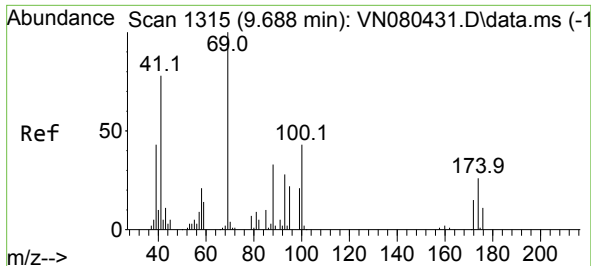
Tgt Ion: 83 Resp: 93469
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 18.968 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 41 Resp: 60367
Ion Ratio Lower Upper
41 100
69 102.7 90.4 135.6
39 61.8 54.6 81.8

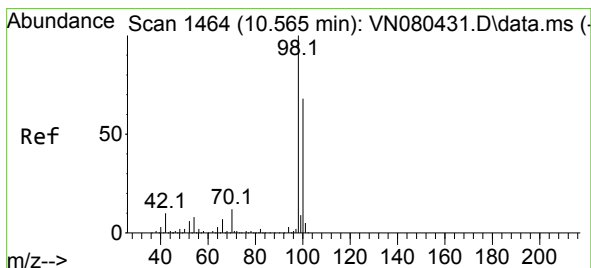
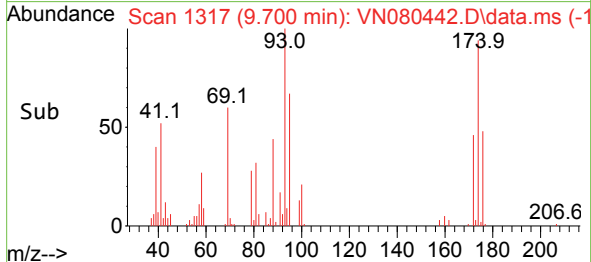
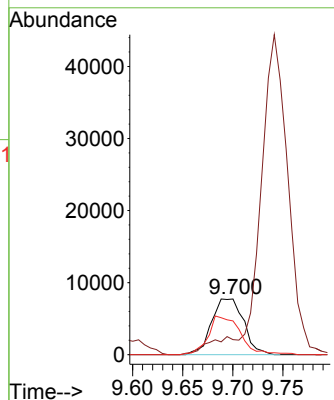
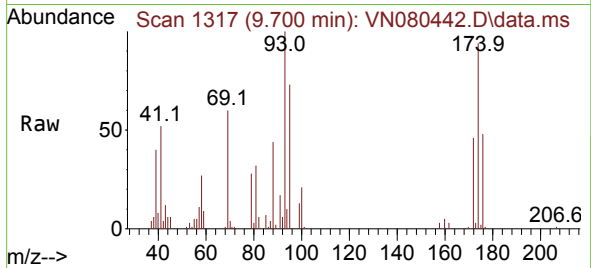




#49
1,4-Dioxane
Concen: 357.843 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

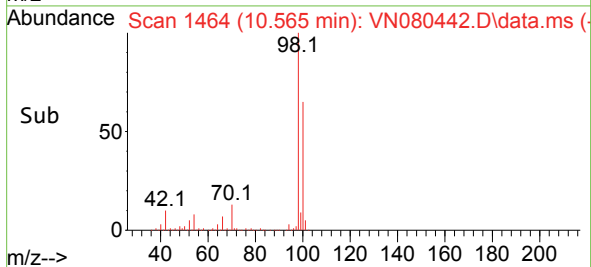
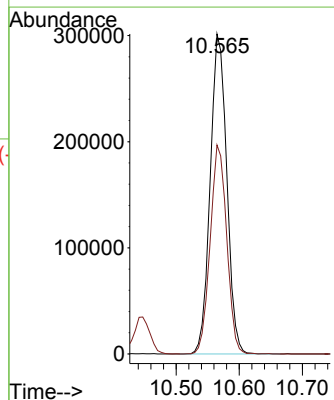
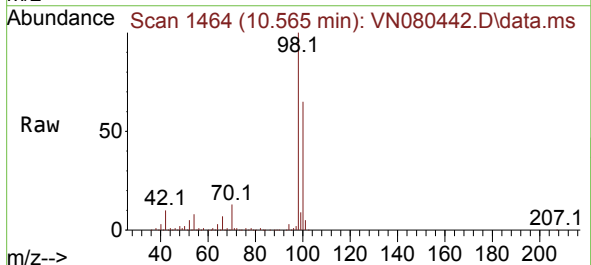
Instrument :
MSVOA_N
ClientSampleId :

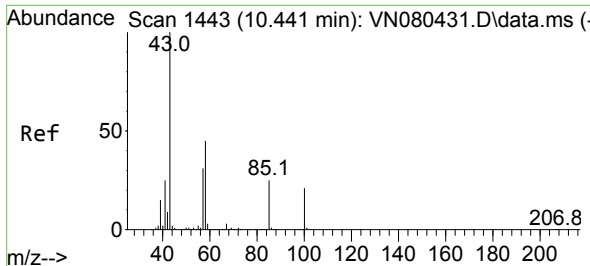
Tgt Ion: 88 Resp: 17262
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 69.4 47.0 70.4



#50
Toluene-d8
Concen: 50.852 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 98 Resp: 549399
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 99.800 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

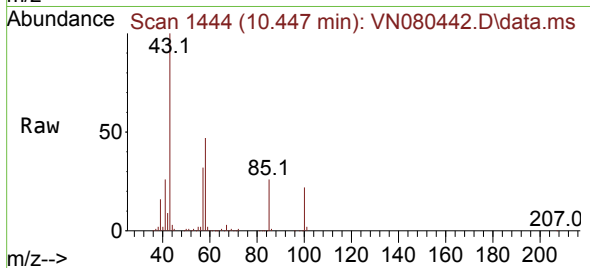
Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

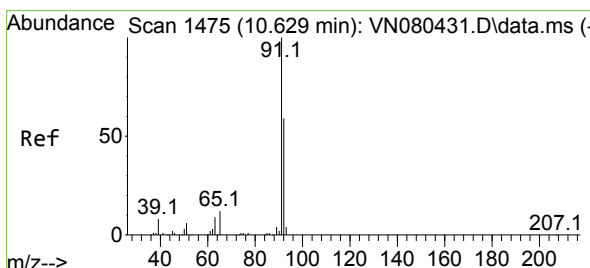
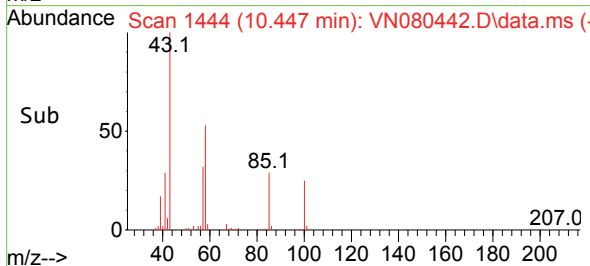
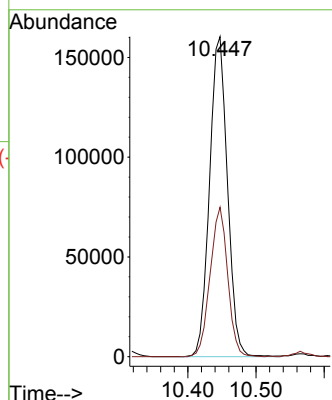


Tgt Ion: 43 Resp: 293131

Ion Ratio Lower Upper

43 100

58 45.9 36.6 54.8



#52

Toluene

Concen: 19.083 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080442.D

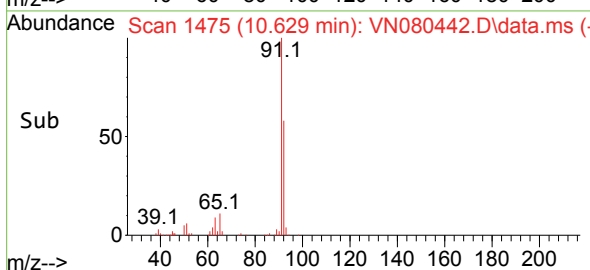
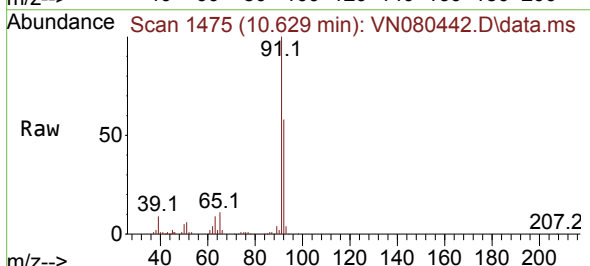
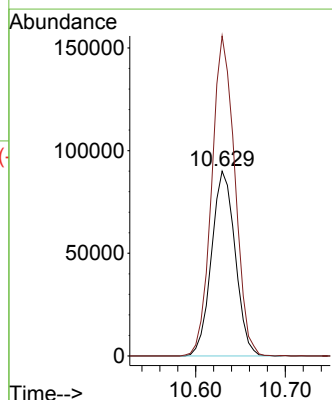
Acq: 12 Dec 2023 17:03

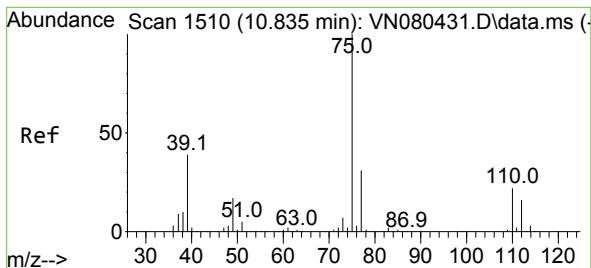
Tgt Ion: 92 Resp: 164886

Ion Ratio Lower Upper

92 100

91 169.2 137.4 206.0

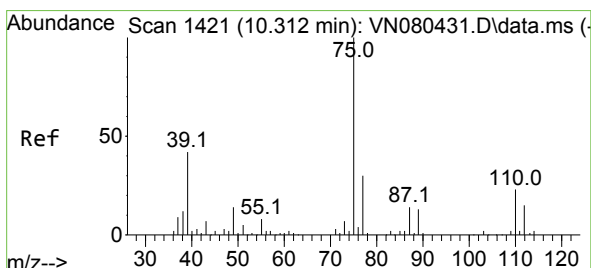
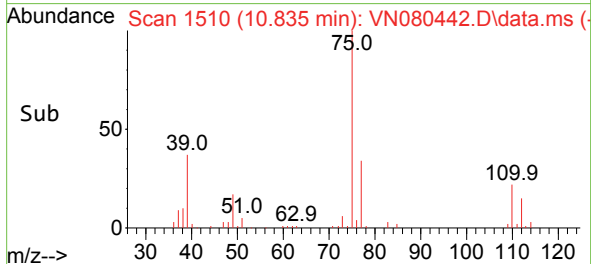
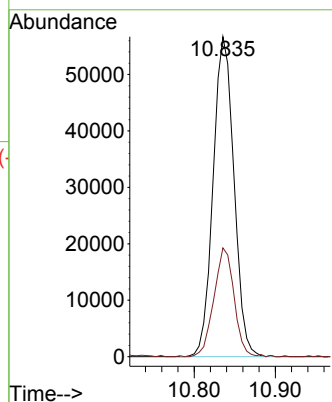
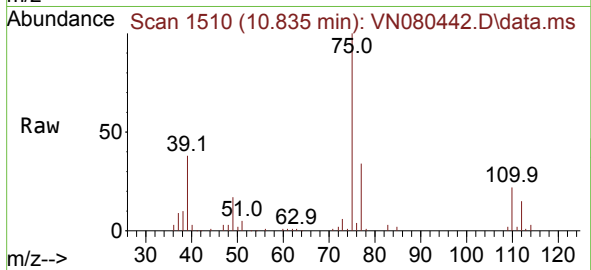




#53
 t-1,3-Dichloropropene
 Concen: 18.915 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

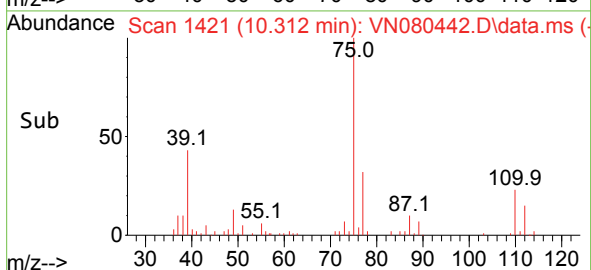
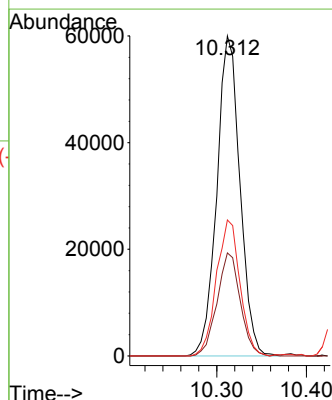
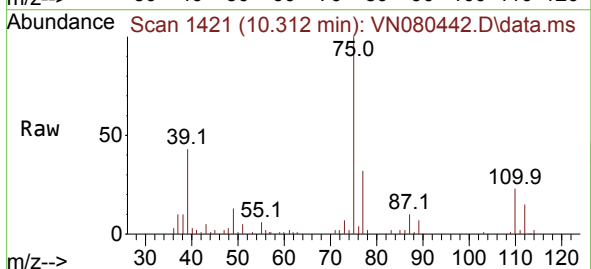
Instrument :
 MSVOA_N
 ClientSampleId :

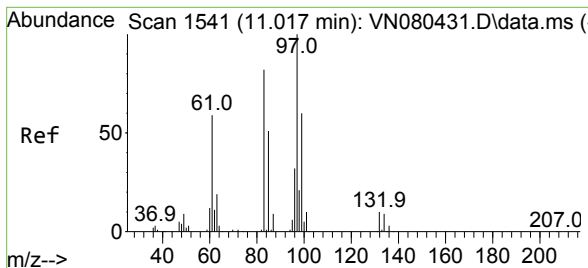
Tgt Ion: 75 Resp: 101187
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.770 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

Tgt Ion: 75 Resp: 107327
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 42.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.709 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 61276

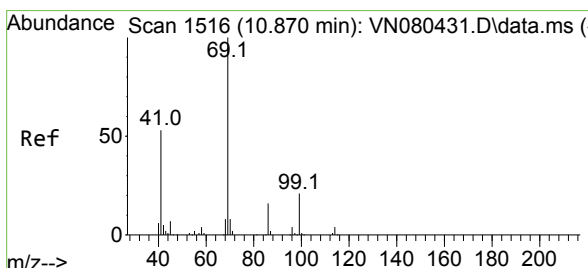
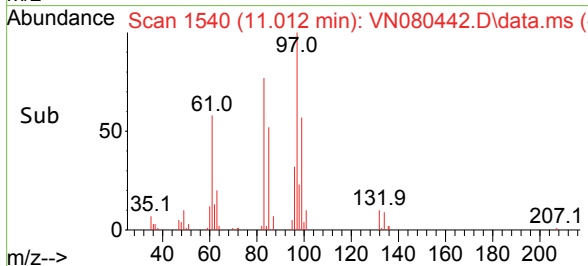
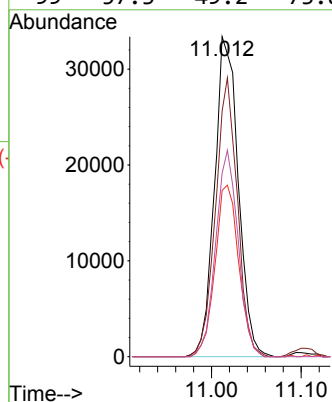
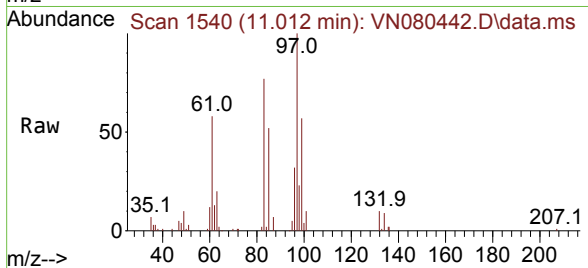
Ion Ratio Lower Upper

97 100

83 76.7 65.1 97.7

85 52.0 43.4 65.2

99 57.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.710 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

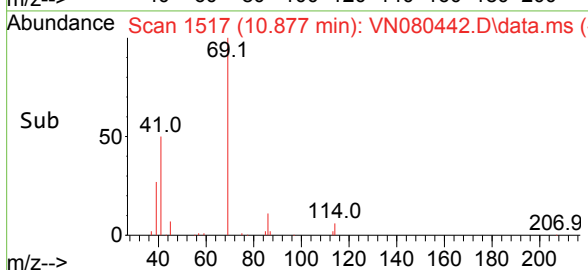
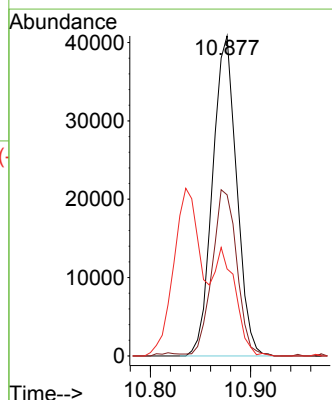
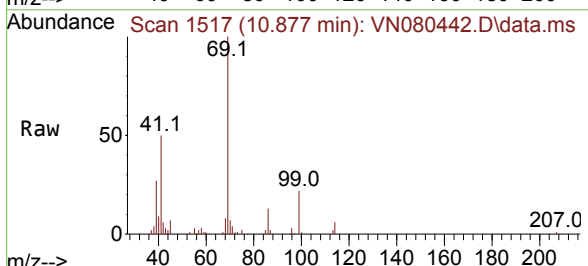
Tgt Ion: 69 Resp: 67846

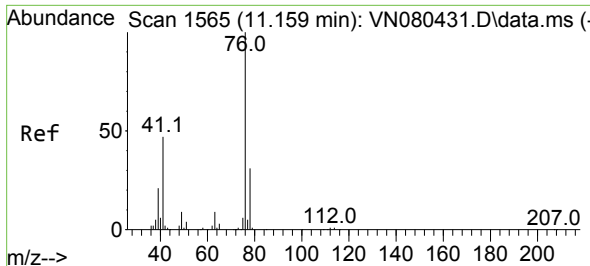
Ion Ratio Lower Upper

69 100

41 53.5 39.6 59.4

39 29.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.470 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

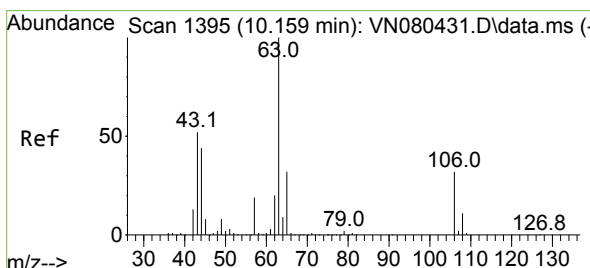
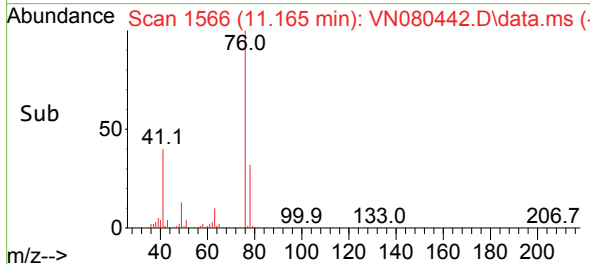
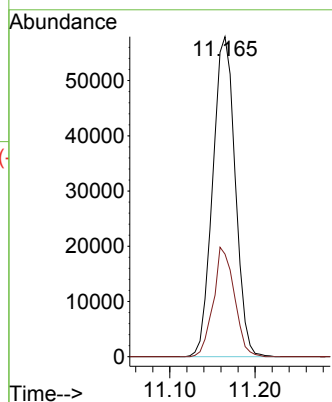
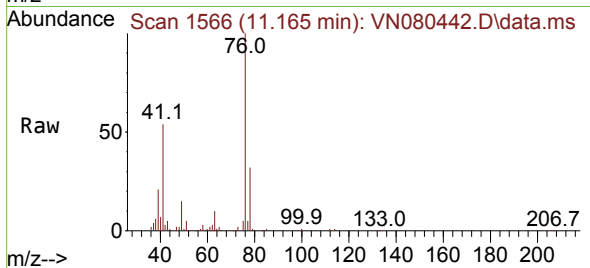
ClientSampleId :

Tgt Ion: 76 Resp: 106115

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.544 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080442.D

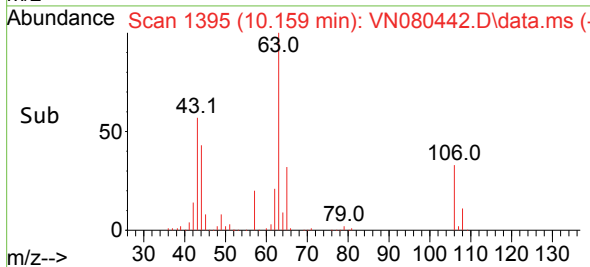
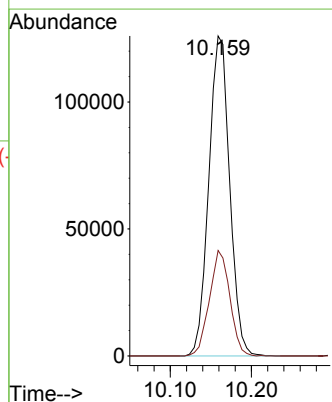
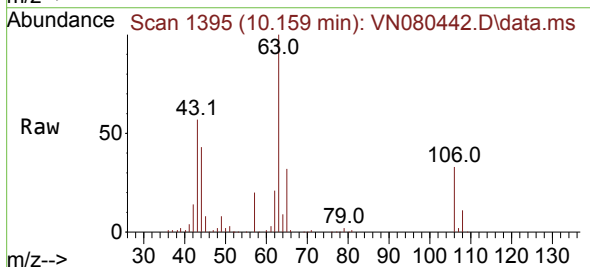
Acq: 12 Dec 2023 17:03

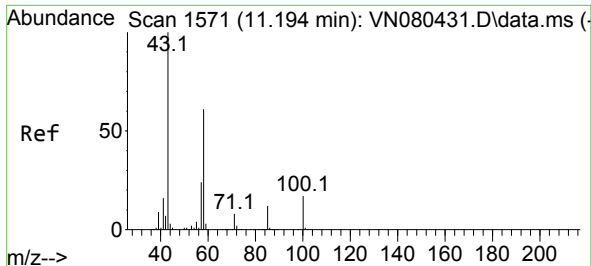
Tgt Ion: 63 Resp: 225009

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.4

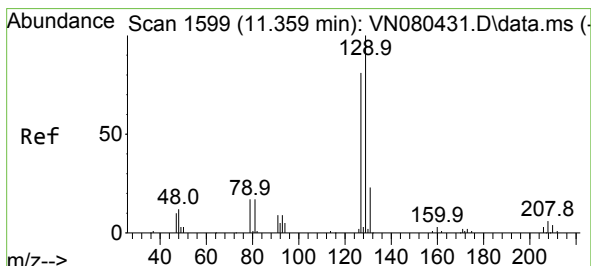
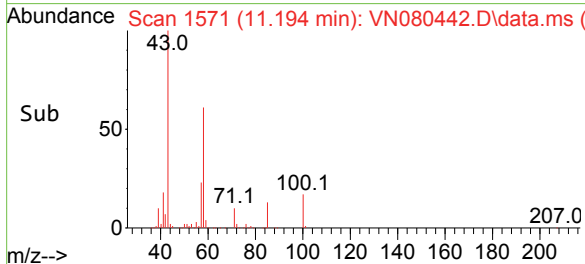
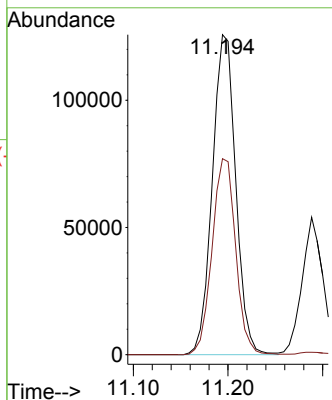
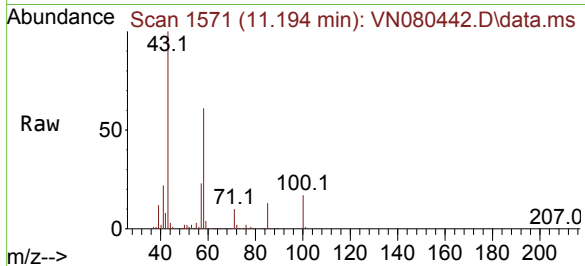




#59
2-Hexanone
Concen: 99.651 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

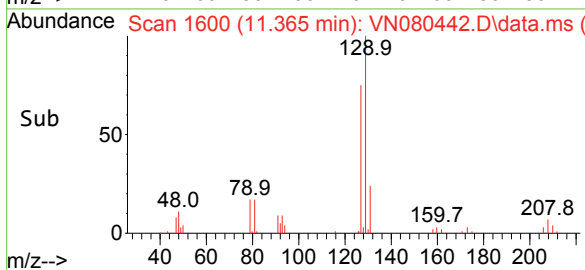
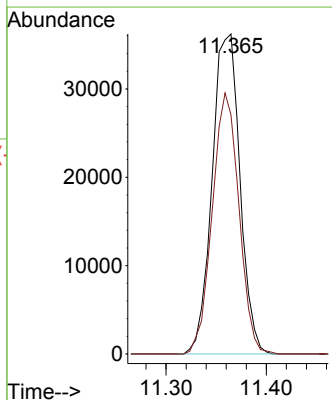
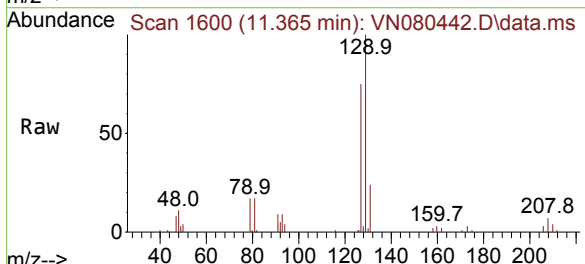
Instrument :
MSVOA_N
ClientSampleId :

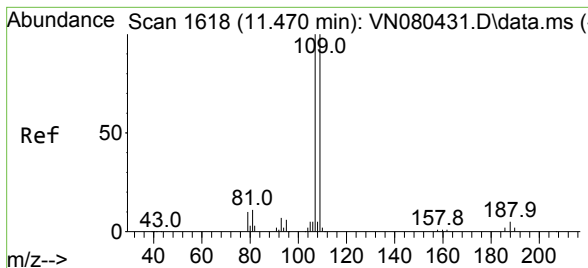
Tgt Ion: 43 Resp: 216080
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1



#60
Dibromochloromethane
Concen: 18.956 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:129 Resp: 69836
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

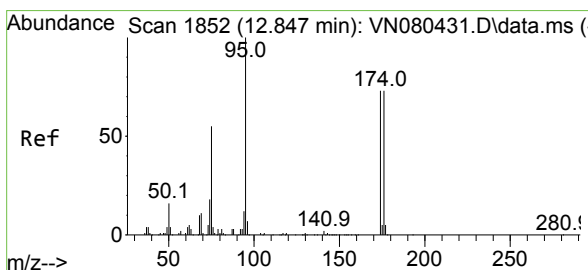
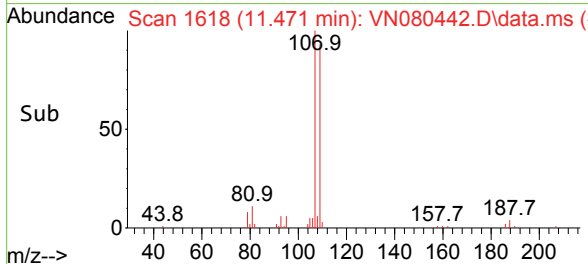
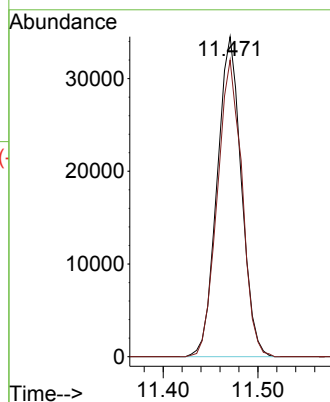
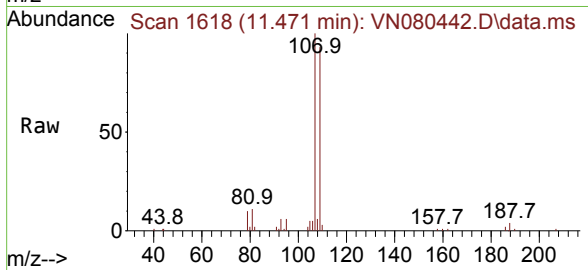




#61
1,2-Dibromoethane
Concen: 19.107 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

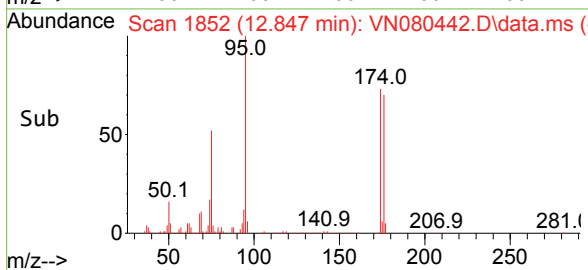
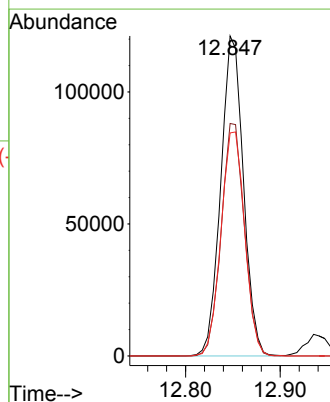
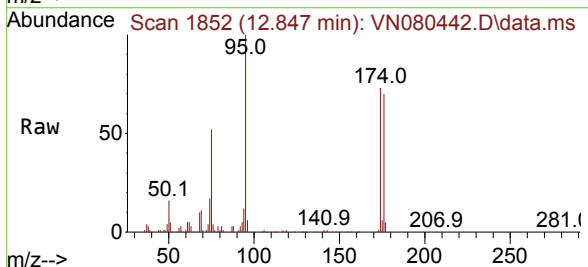
Instrument :
MSVOA_N
ClientSampleId :

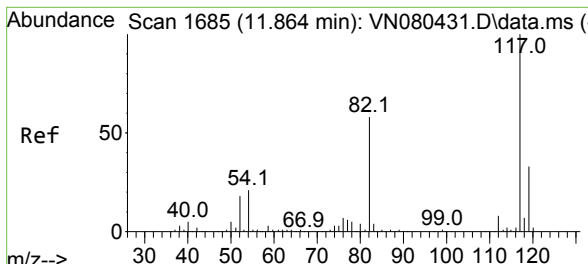
Tgt Ion:107 Resp: 61484
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion: 95 Resp: 201843
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 73.3 0.0 135.8



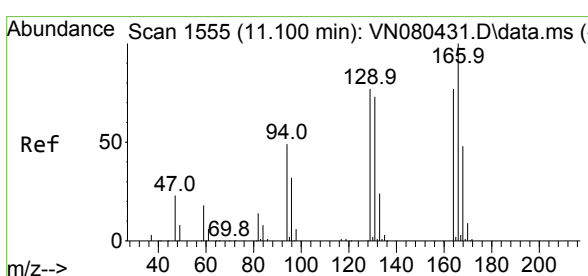
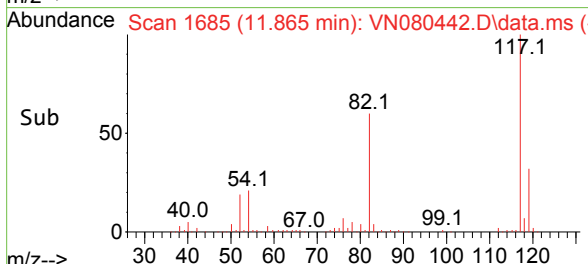
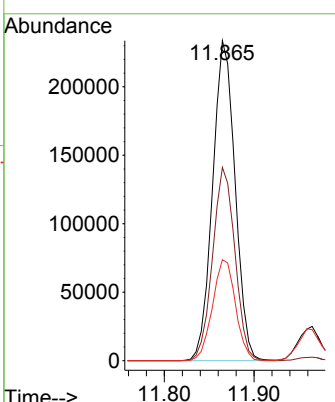
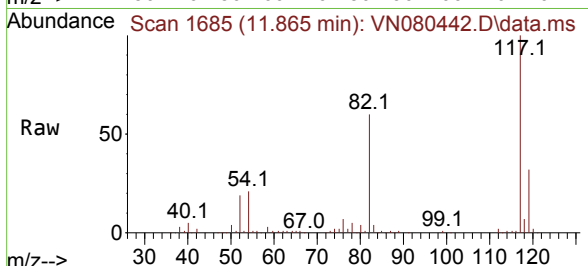


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 406068

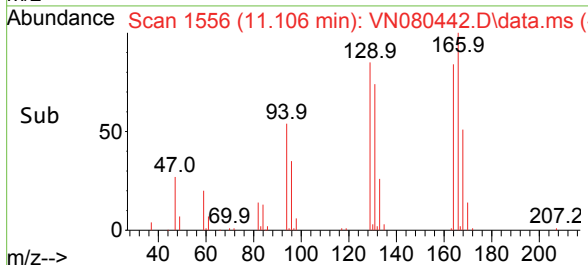
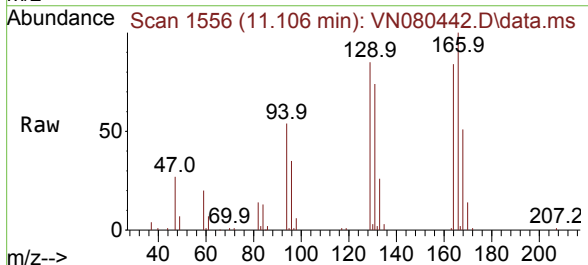
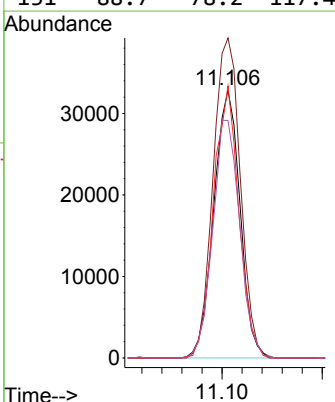
Ion	Ratio	Lower	Upper
117	100		
82	60.4	44.0	66.0
119	31.6	25.6	38.4

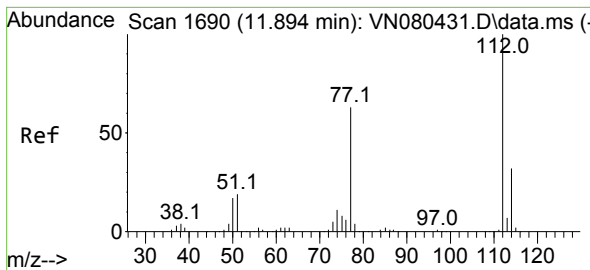


#64
Tetrachloroethene
Concen: 19.011 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:164 Resp: 59605

Ion	Ratio	Lower	Upper
164	100		
166	119.5	101.4	152.0
129	101.6	82.4	123.6
131	88.7	78.2	117.4

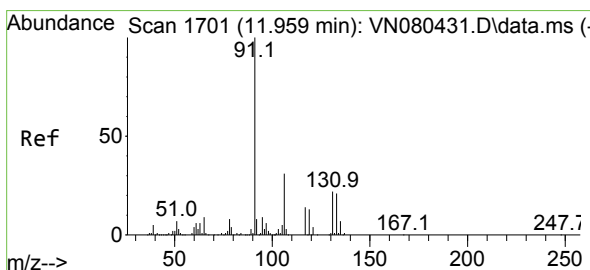
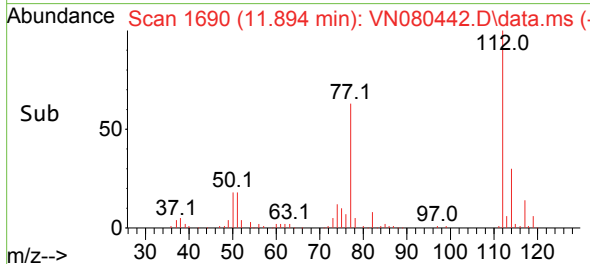
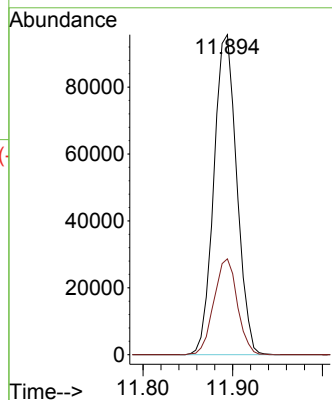
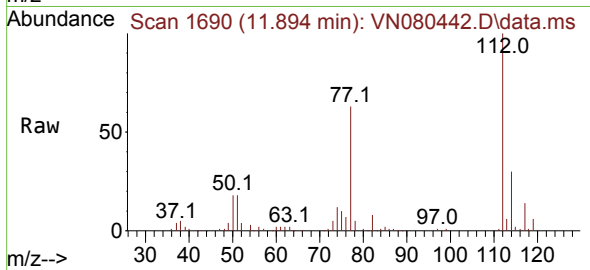




#65
Chlorobenzene
Concen: 18.793 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

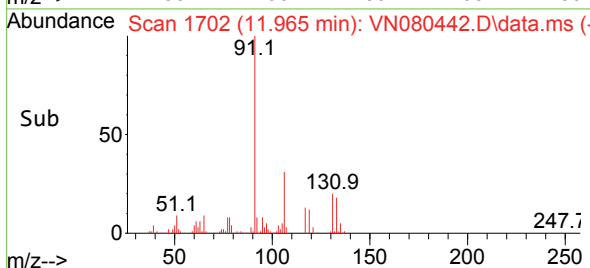
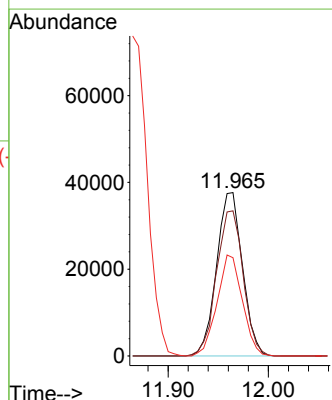
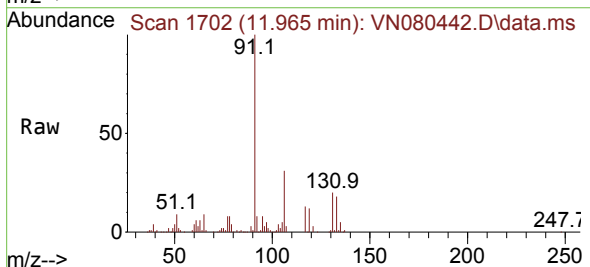
Instrument :
MSVOA_N
ClientSampleId :

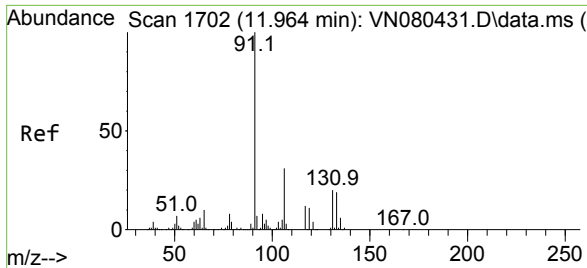
Tgt Ion:112 Resp: 169759
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.071 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:131 Resp: 67597
Ion Ratio Lower Upper
131 100
133 91.5 46.4 139.1
119 60.2 34.1 102.2





#67

Ethyl Benzene

Concen: 18.651 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

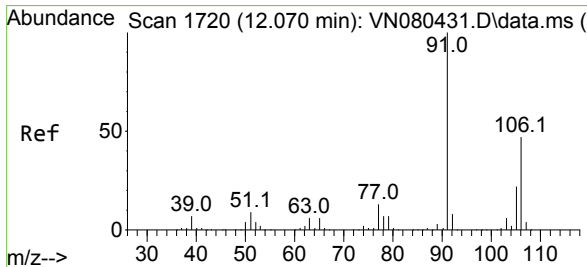
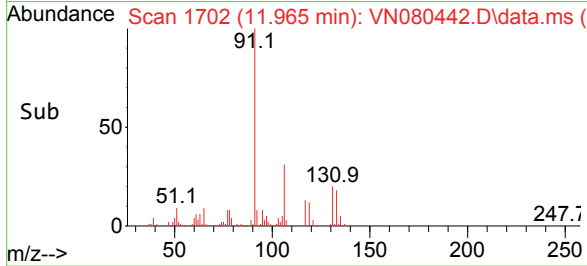
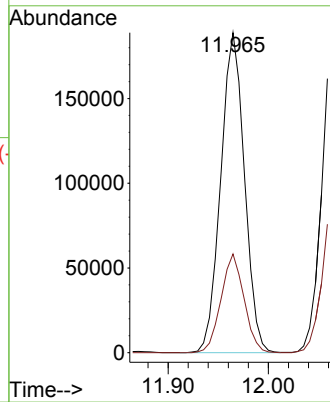
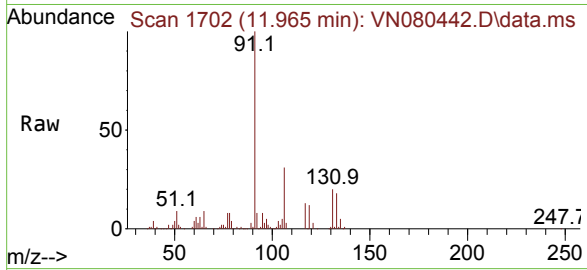
ClientSampleId :

Tgt Ion: 91 Resp: 309785

Ion Ratio Lower Upper

91 100

106 30.9 25.6 38.4



#68

m/p-Xylenes

Concen: 37.674 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080442.D

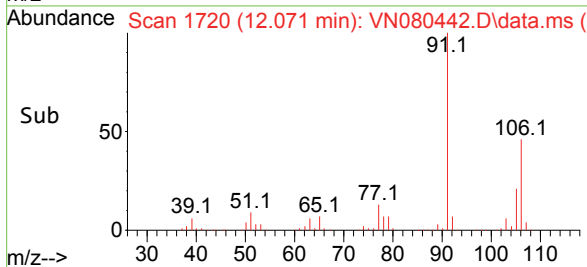
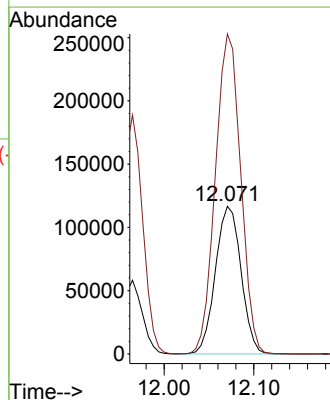
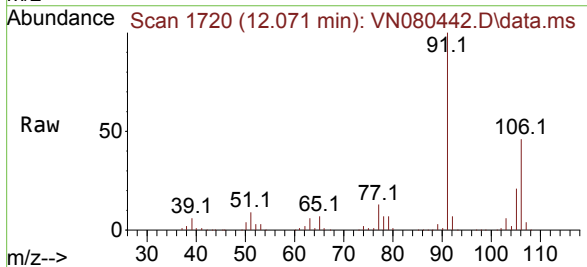
Acq: 12 Dec 2023 17:03

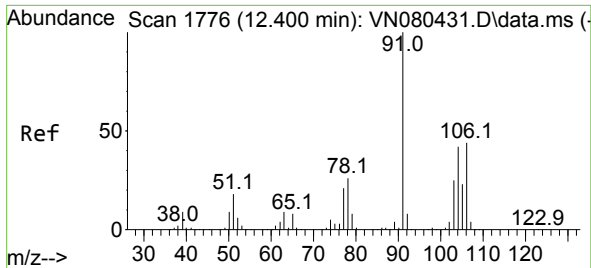
Tgt Ion: 106 Resp: 231226

Ion Ratio Lower Upper

106 100

91 214.6 159.6 239.4

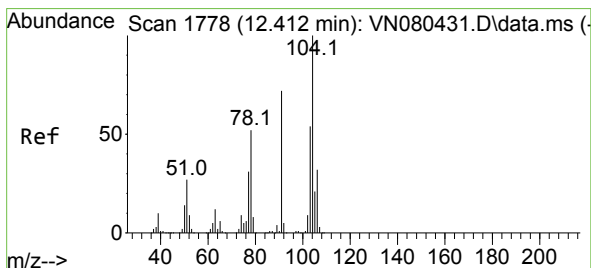
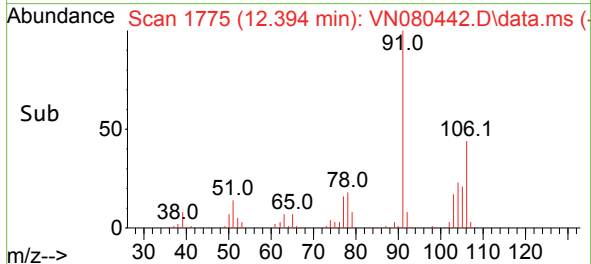
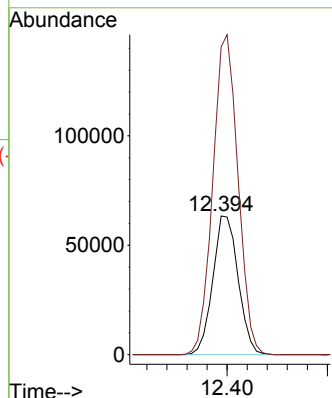
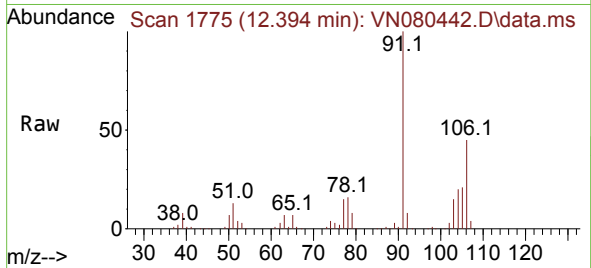




#69
o-Xylene
Concen: 18.503 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

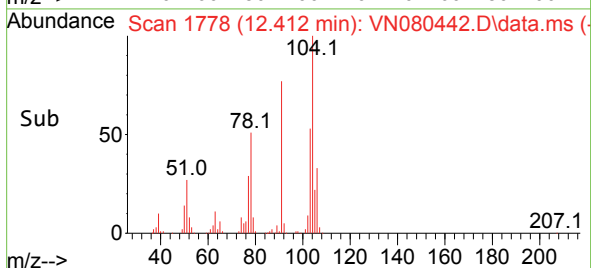
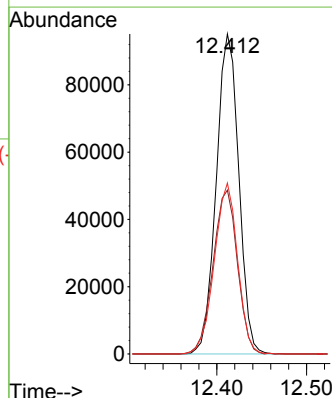
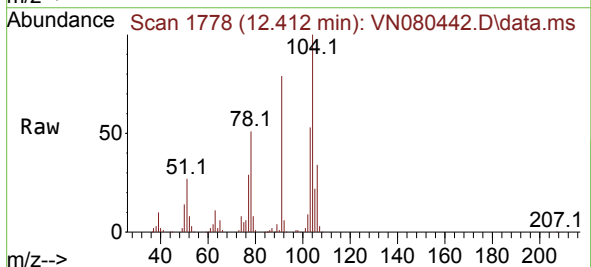
Instrument :
MSVOA_N
ClientSampleId :

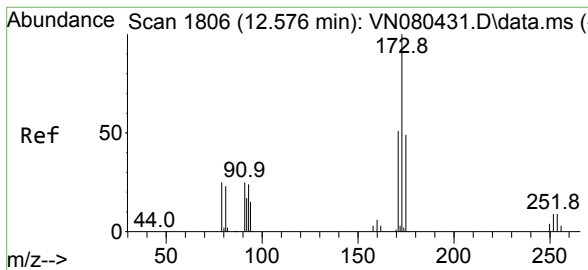
Tgt Ion:106 Resp: 111078
Ion Ratio Lower Upper
106 100
91 229.2 105.2 315.5



#70
Styrene
Concen: 19.158 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:104 Resp: 165665
Ion Ratio Lower Upper
104 100
78 55.6 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 18.013 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

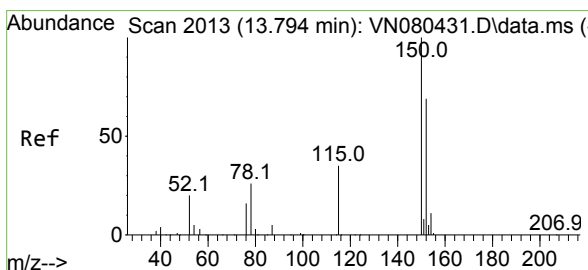
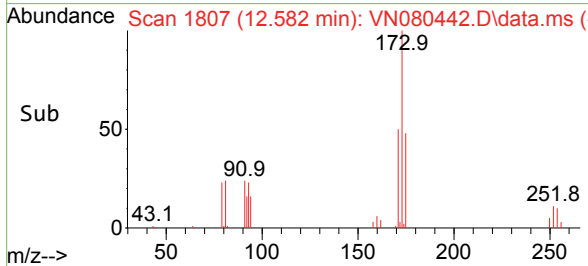
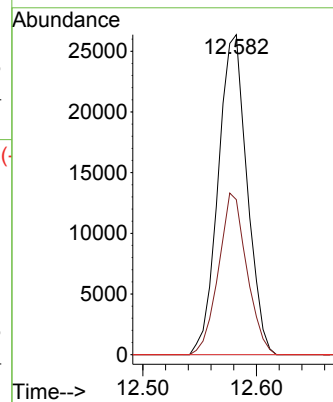
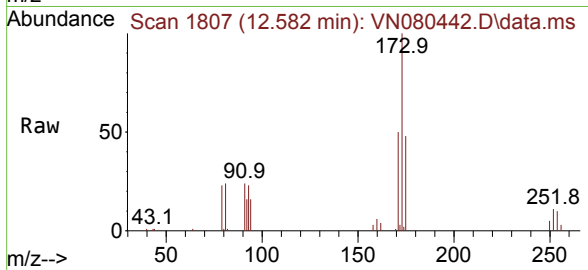
Tgt Ion:173 Resp: 46558

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

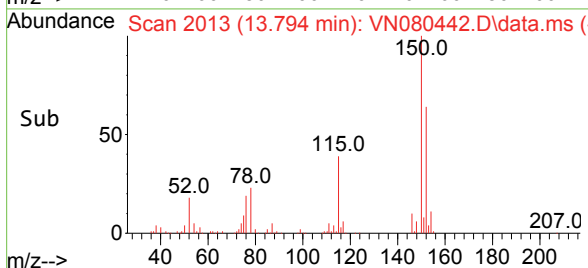
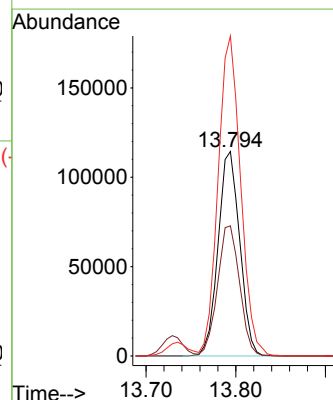
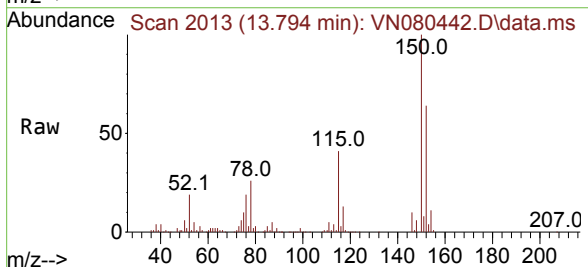
Tgt Ion:152 Resp: 191605

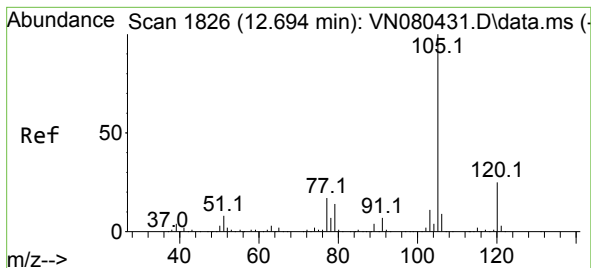
Ion Ratio Lower Upper

152 100

115 64.9 32.3 96.8

150 162.4 0.0 355.8





#73

Isopropylbenzene

Concen: 18.700 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

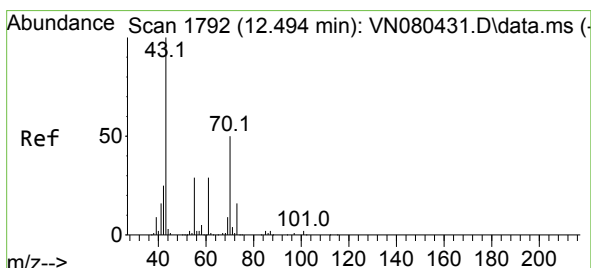
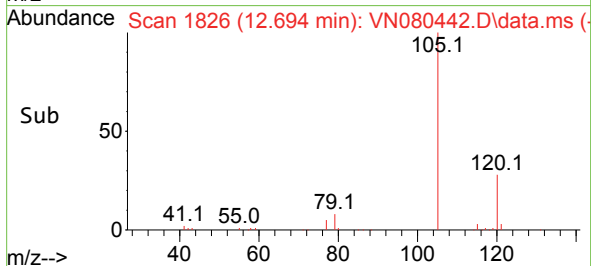
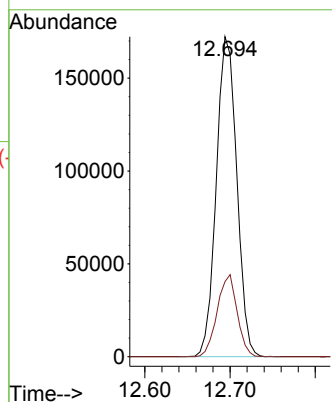
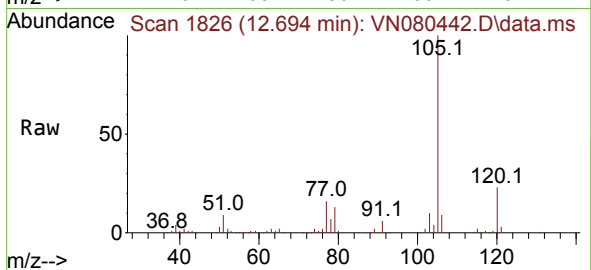
ClientSampleId :

Tgt Ion:105 Resp: 287832

Ion Ratio Lower Upper

105 100

120 24.9 13.1 39.1



#74

N-ethyl acetate

Concen: 19.281 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Tgt Ion: 43 Resp: 86664

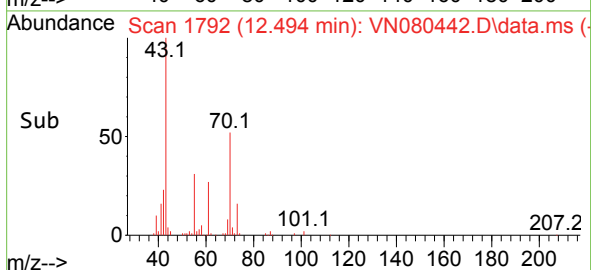
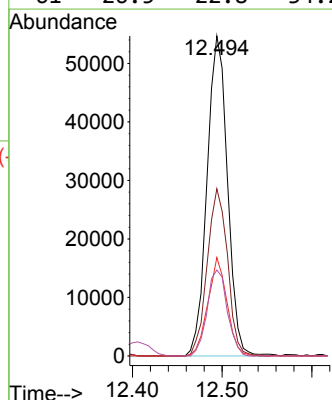
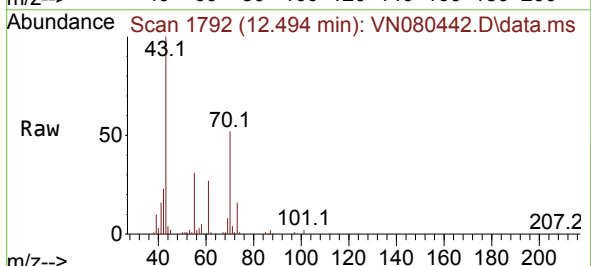
Ion Ratio Lower Upper

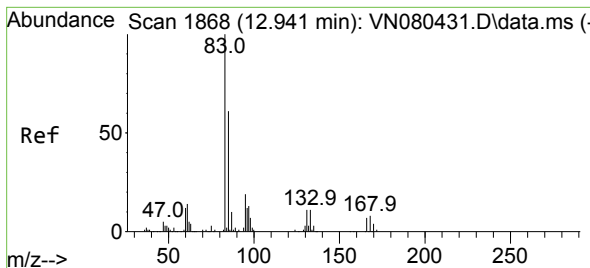
43 100

70 51.8 43.4 65.2

55 28.7 21.4 32.0

61 26.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.560 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

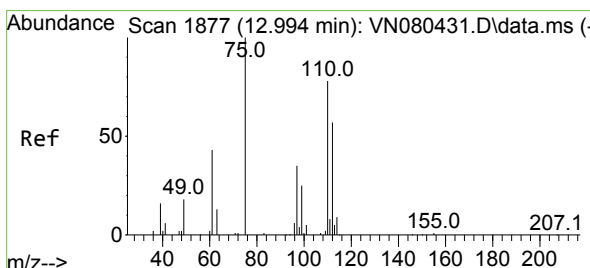
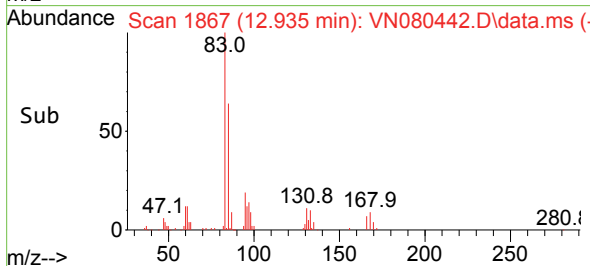
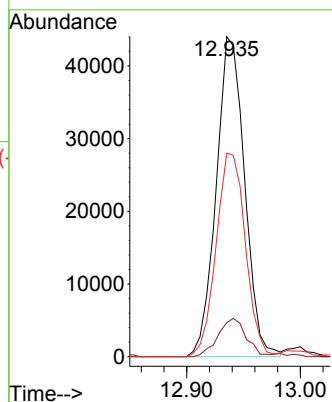
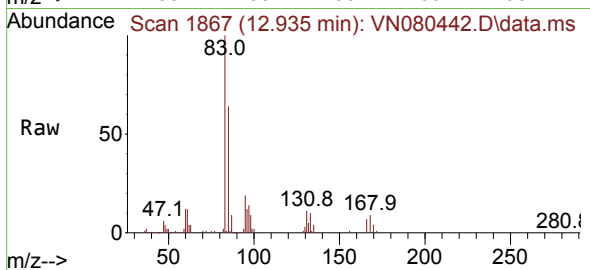
Tgt Ion: 83 Resp: 76553

Ion Ratio Lower Upper

83 100

131 12.5 5.0 15.0

85 65.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.517 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080442.D

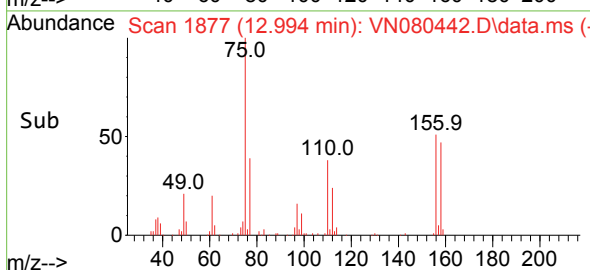
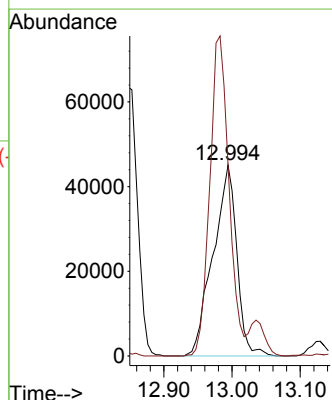
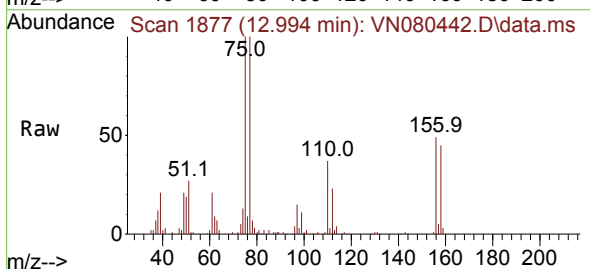
Acq: 12 Dec 2023 17:03

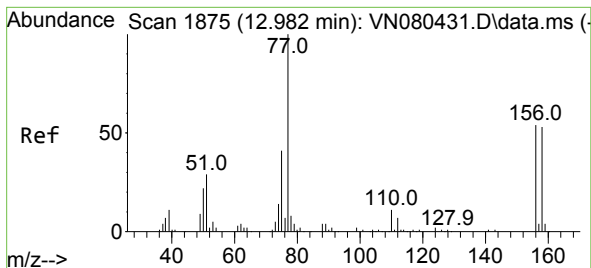
Tgt Ion: 75 Resp: 109003

Ion Ratio Lower Upper

75 100

77 135.7 84.5 253.5





#77

Bromobenzene

Concen: 19.098 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

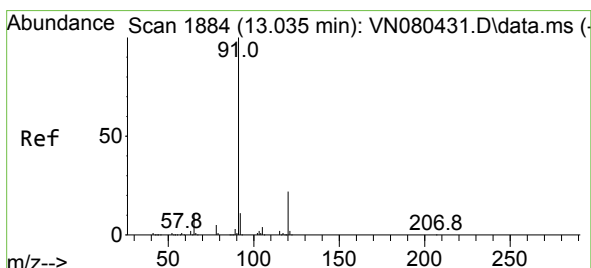
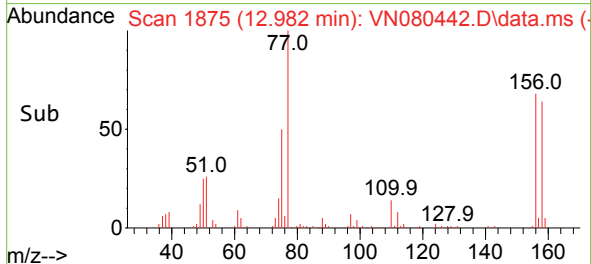
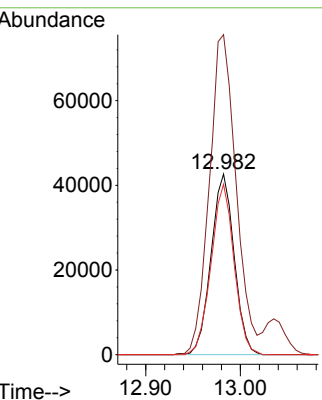
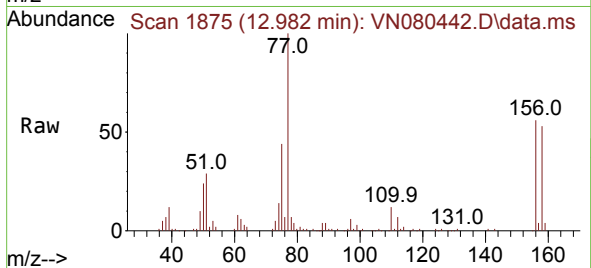
Tgt Ion:156 Resp: 72313

Ion Ratio Lower Upper

156 100

77 204.5 107.7 323.3

158 93.8 48.4 145.3



#78

n-propylbenzene

Concen: 18.534 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080442.D

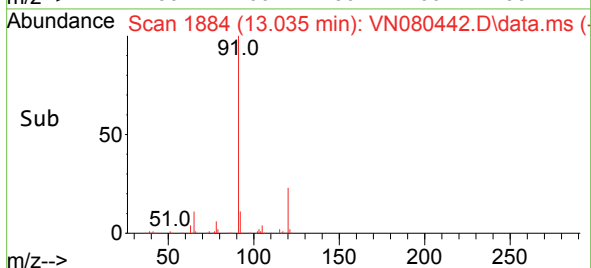
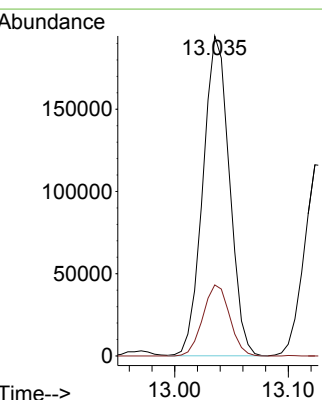
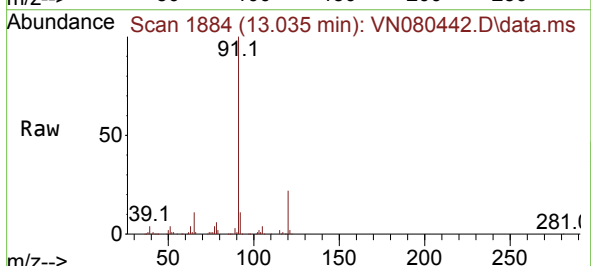
Acq: 12 Dec 2023 17:03

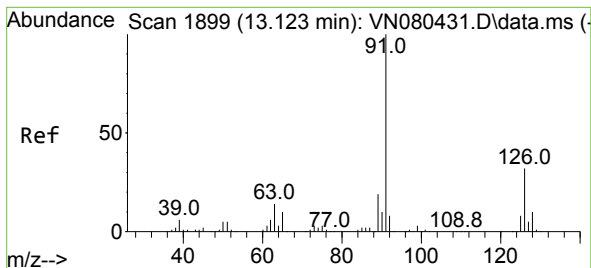
Tgt Ion: 91 Resp: 314543

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.392 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

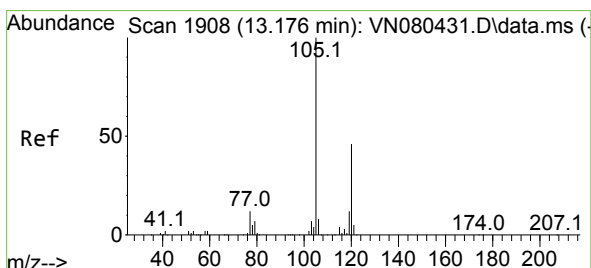
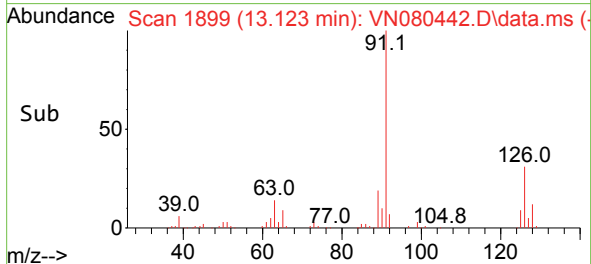
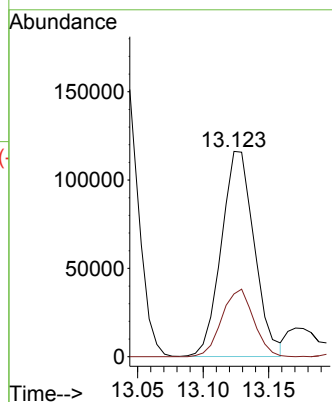
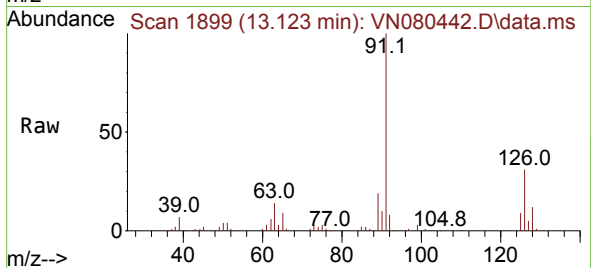
ClientSampleId :

Tgt Ion: 91 Resp: 203775

Ion Ratio Lower Upper

91 100

126 31.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.822 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080442.D

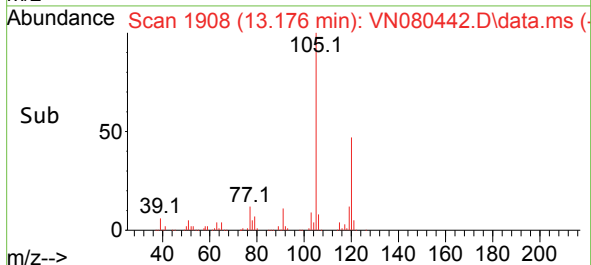
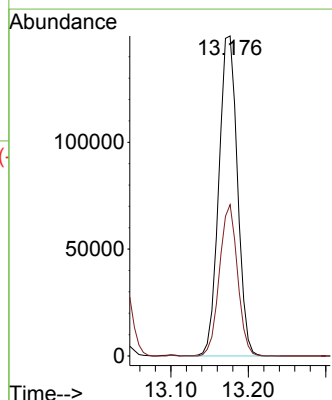
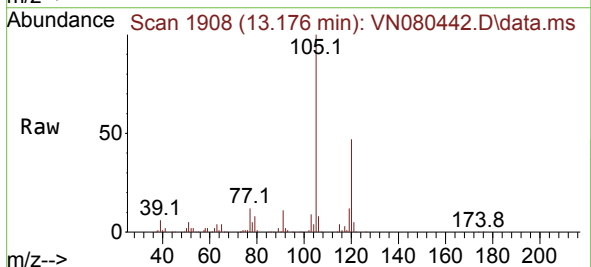
Acq: 12 Dec 2023 17:03

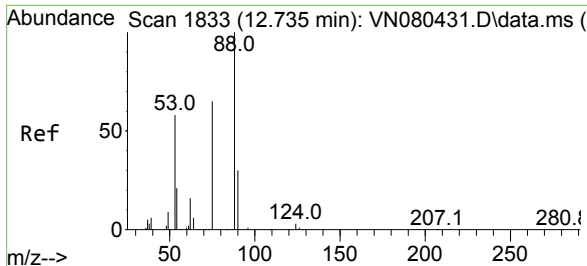
Tgt Ion: 105 Resp: 249517

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3

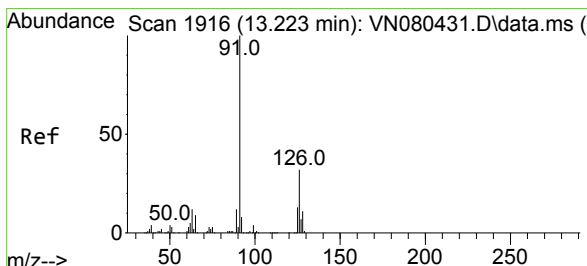
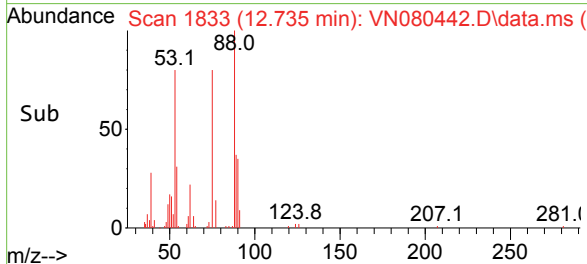
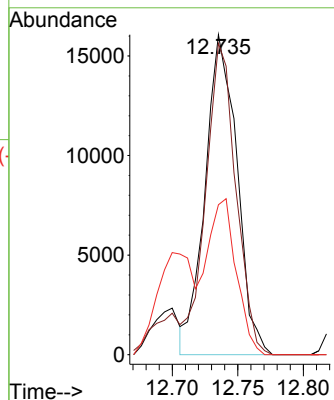
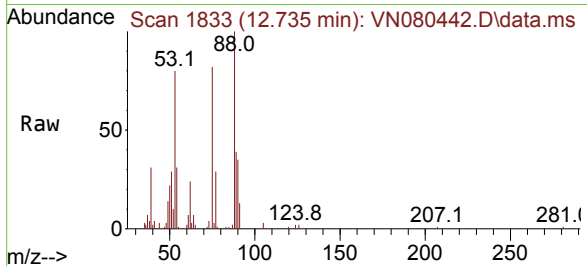




#81
trans-1,4-Dichloro-2-butene
Concen: 18.620 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

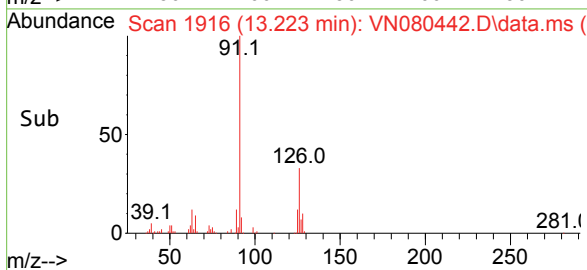
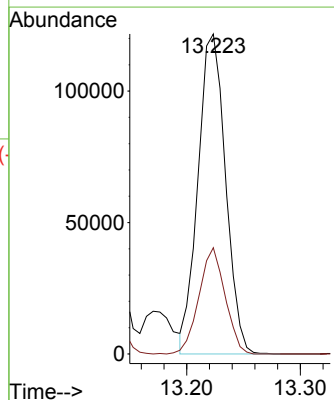
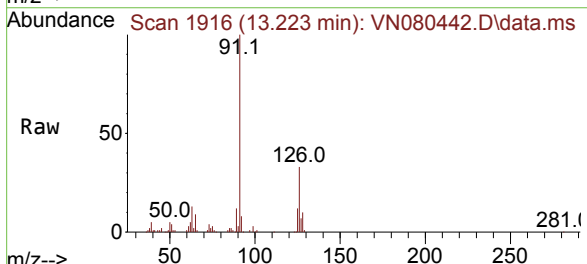
Instrument :
MSVOA_N
ClientSampleId :

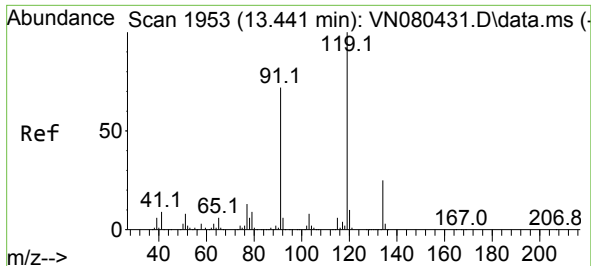
Tgt Ion: 75 Resp: 27108
Ion Ratio Lower Upper
75 100
53 104.0 67.4 101.2#
89 44.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.006 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

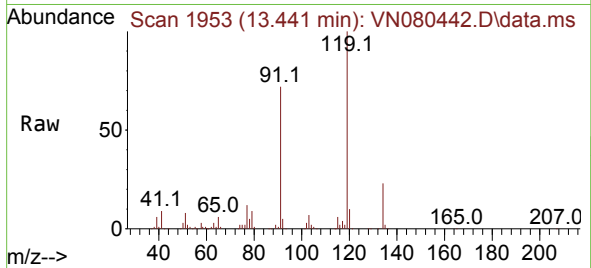
Tgt Ion: 91 Resp: 205062
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0



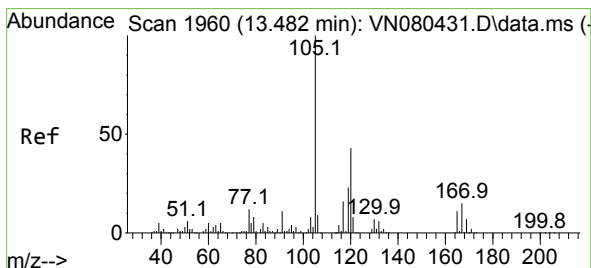
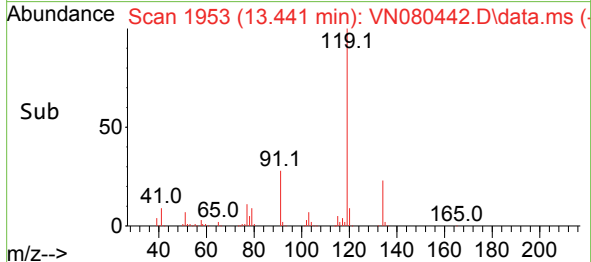
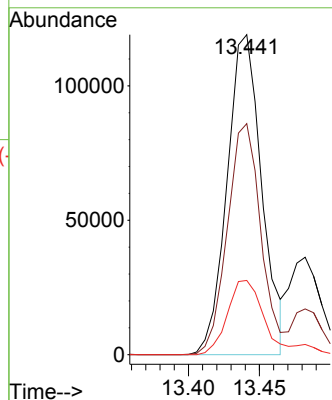


#83
 tert-Butylbenzene
 Concen: 18.648 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

Instrument :
 MSVOA_N
 ClientSampleId :

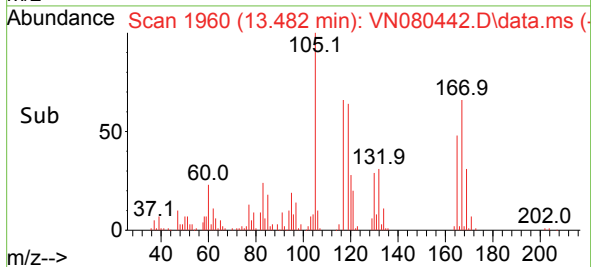
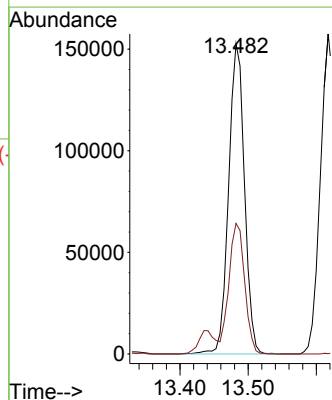
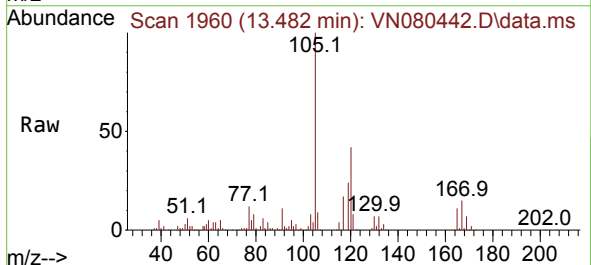


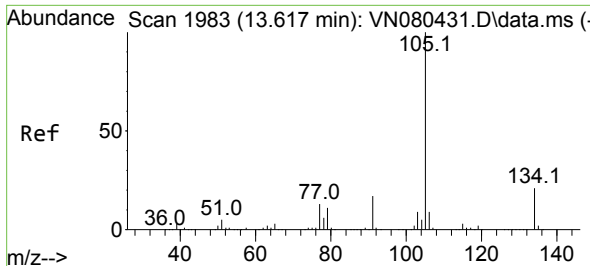
Tgt Ion:119 Resp: 202457
 Ion Ratio Lower Upper
 119 100
 91 69.5 33.9 101.7
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.719 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

Tgt Ion:105 Resp: 246866
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.0 66.0

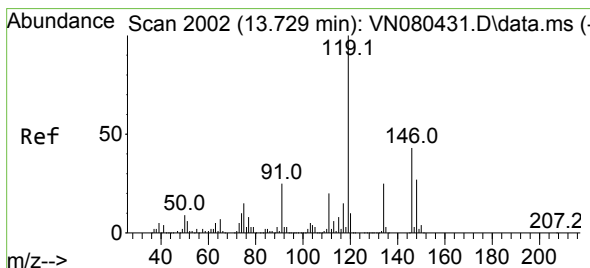
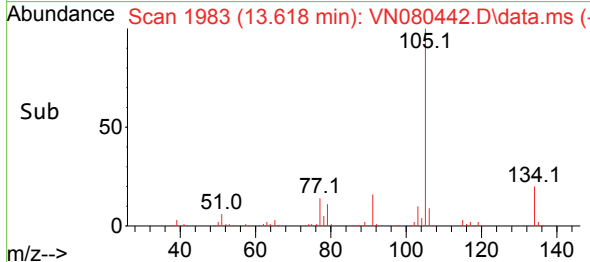
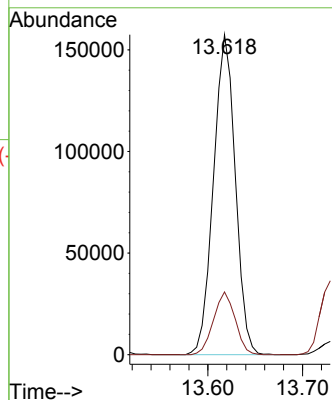
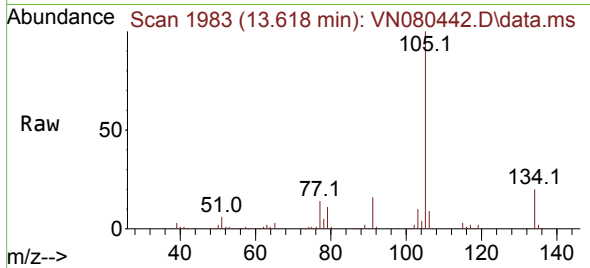




#85
sec-Butylbenzene
Concen: 18.135 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

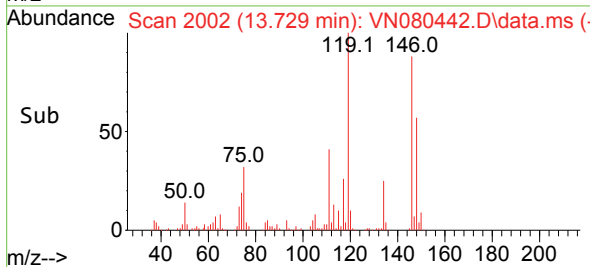
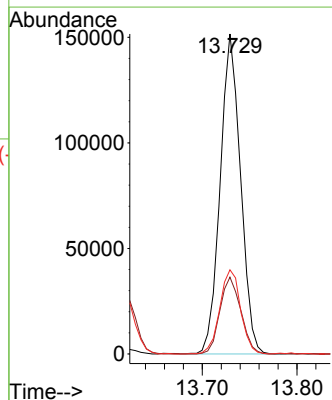
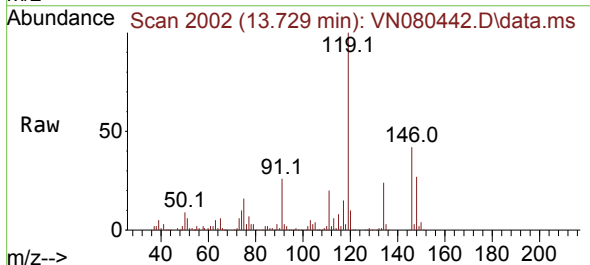
Instrument :
MSVOA_N
ClientSampleId :

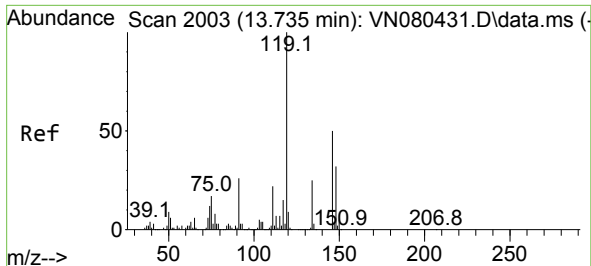
Tgt Ion:105 Resp: 251859
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.3



#86
p-Isopropyltoluene
Concen: 18.067 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:119 Resp: 226555
Ion Ratio Lower Upper
119 100
134 24.6 12.6 37.8
91 26.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.236 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

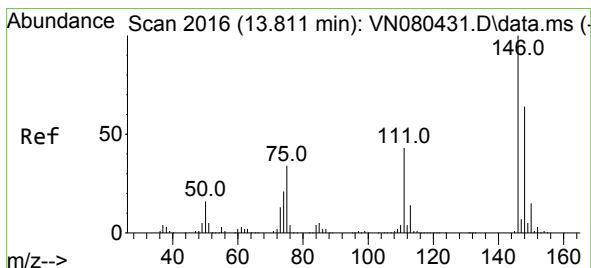
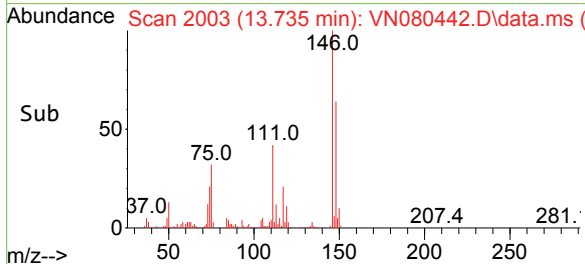
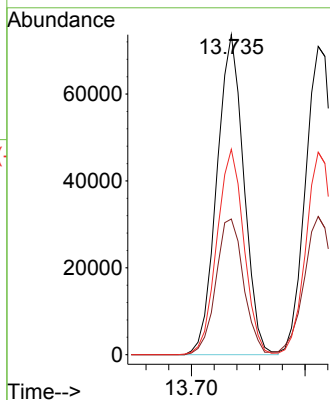
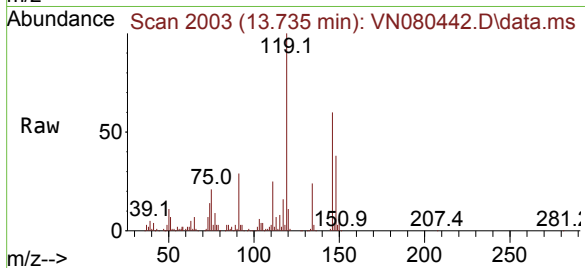
Tgt Ion:146 Resp: 121656

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.3

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.064 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

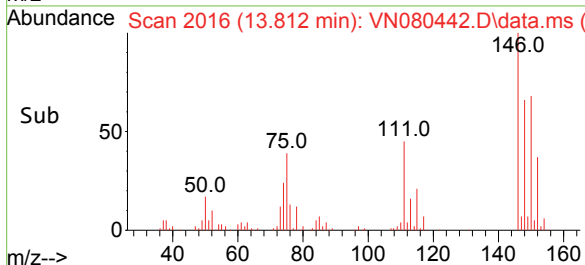
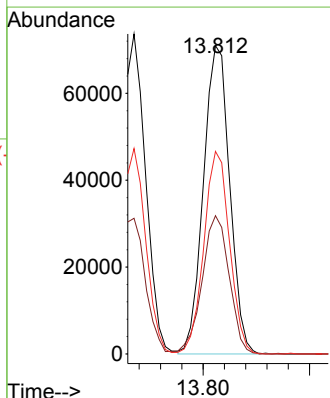
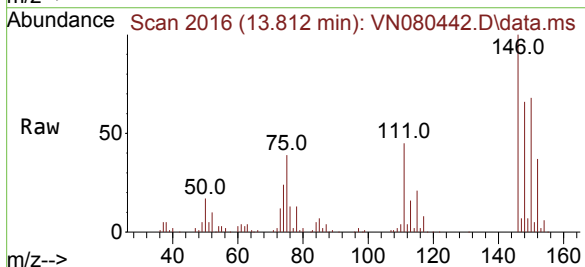
Tgt Ion:146 Resp: 121648

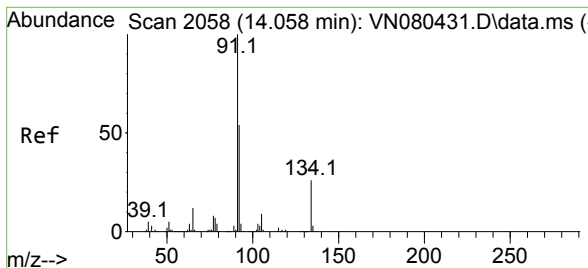
Ion Ratio Lower Upper

146 100

111 46.4 20.6 61.8

148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 17.447 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080442.D

Acq: 12 Dec 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

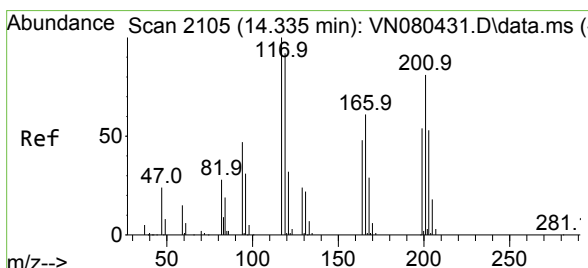
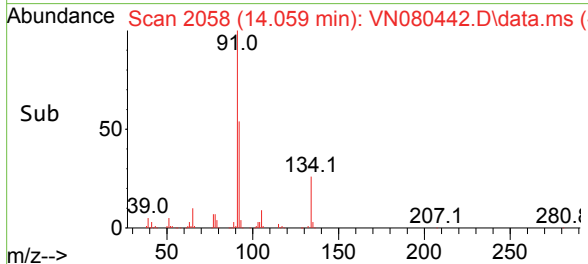
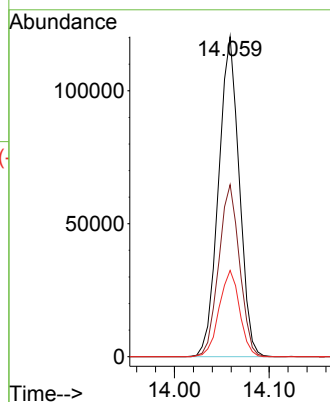
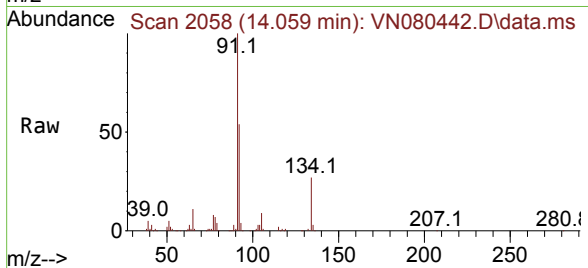
Tgt Ion: 91 Resp: 182704

Ion Ratio Lower Upper

91 100

92 54.1 26.4 79.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 17.687 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080442.D

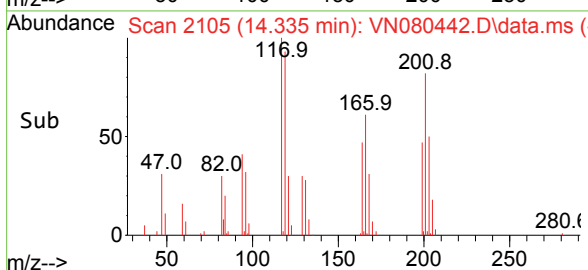
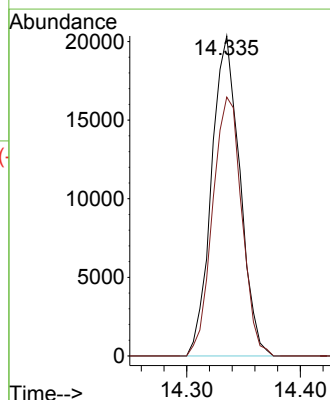
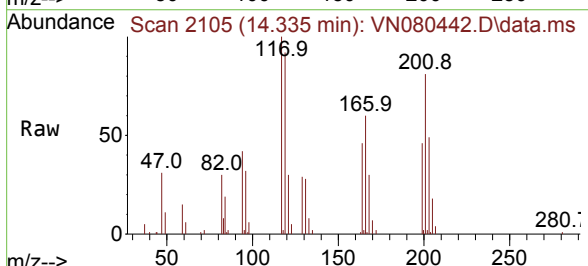
Acq: 12 Dec 2023 17:03

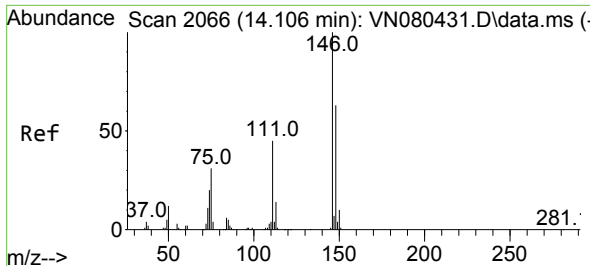
Tgt Ion: 117 Resp: 35223

Ion Ratio Lower Upper

117 100

201 83.3 29.3 88.0

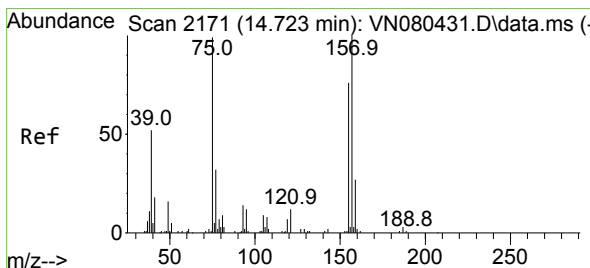
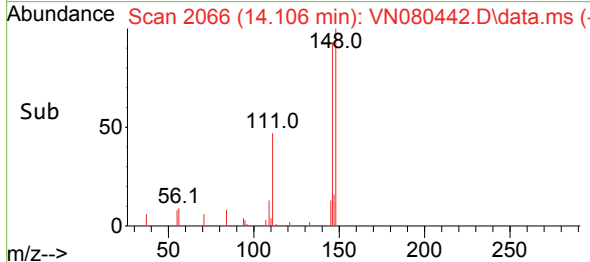
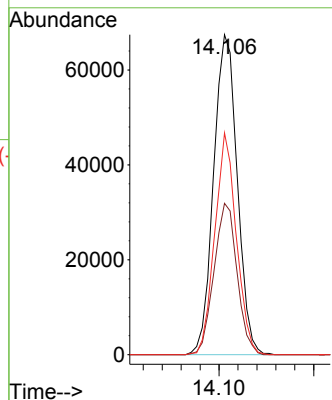
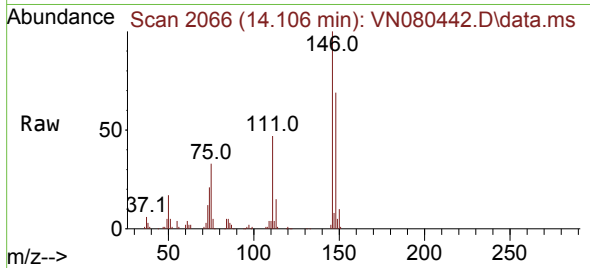




#91
1,2-Dichlorobenzene
Concen: 18.456 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

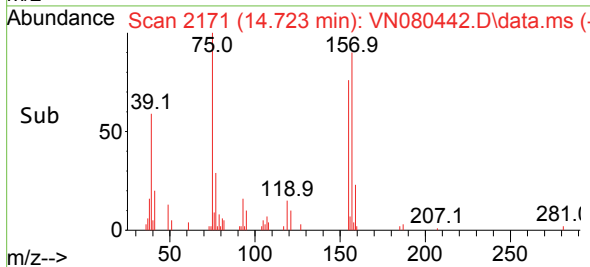
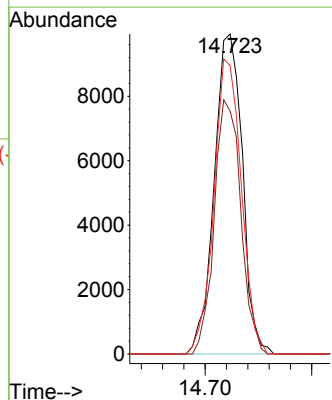
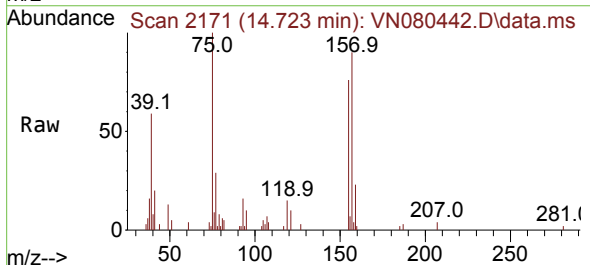
Instrument :
MSVOA_N
ClientSampleId :

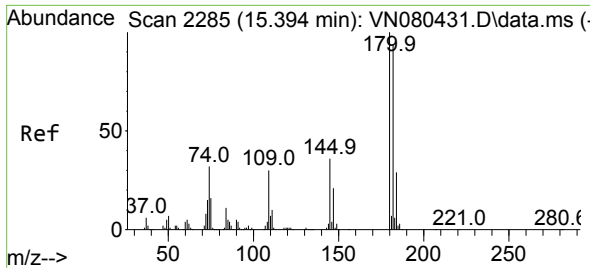
Tgt Ion:146 Resp: 116915
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.912 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

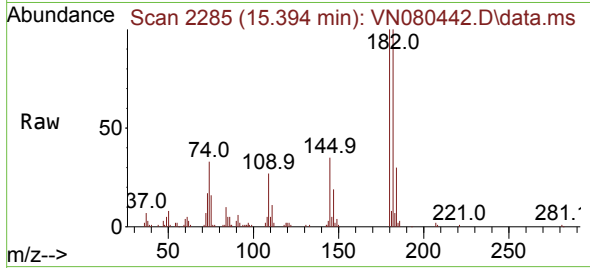
Tgt Ion: 75 Resp: 18142
Ion Ratio Lower Upper
75 100
155 75.2 39.1 117.2
157 90.3 50.3 150.9





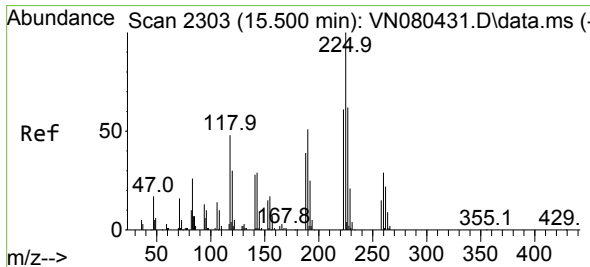
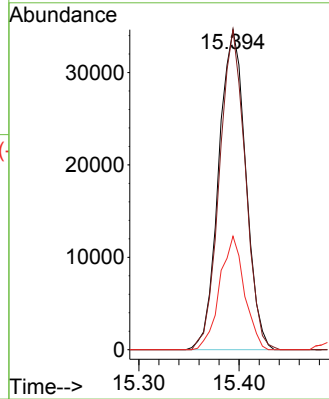
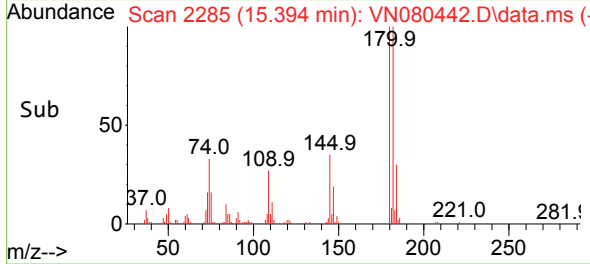
#93
 1,2,4-Trichlorobenzene
 Concen: 18.397 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03

Instrument :
 MSVOA_N
 ClientSampleId :

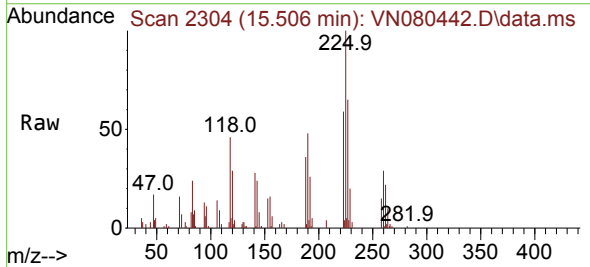


Tgt Ion:180 Resp: 64708

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.1	138.2
145	32.4	16.6	49.8

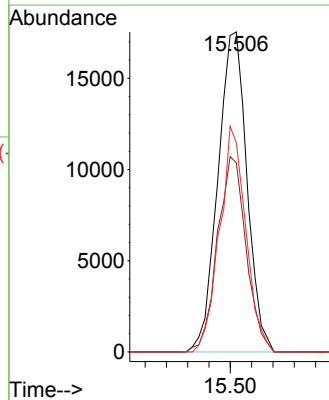
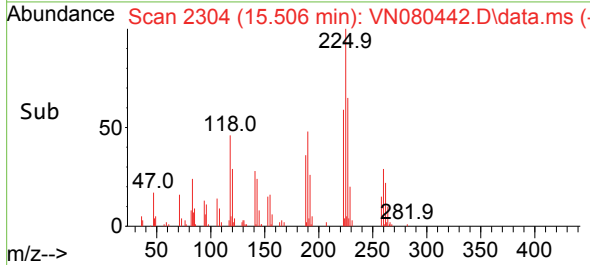


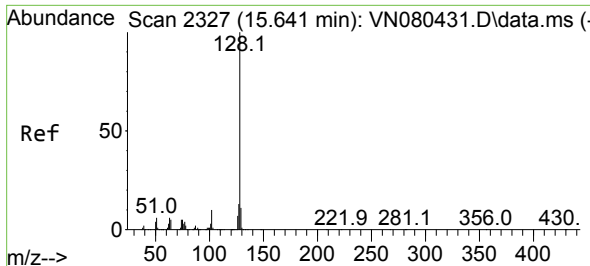
#94
 Hexachlorobutadiene
 Concen: 16.562 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN080442.D
 Acq: 12 Dec 2023 17:03



Tgt Ion:225 Resp: 33164

Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.3	93.8
227	63.8	31.9	95.9

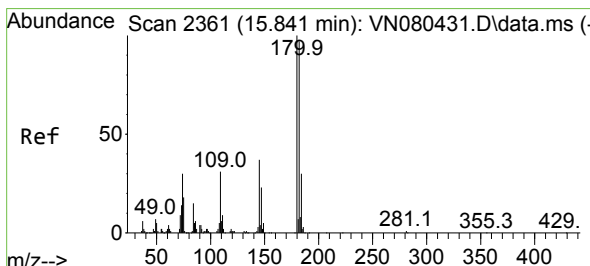
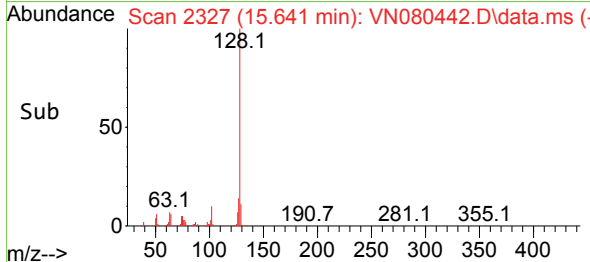
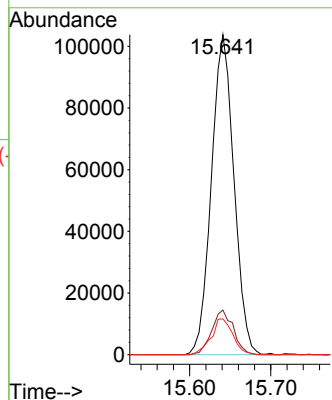
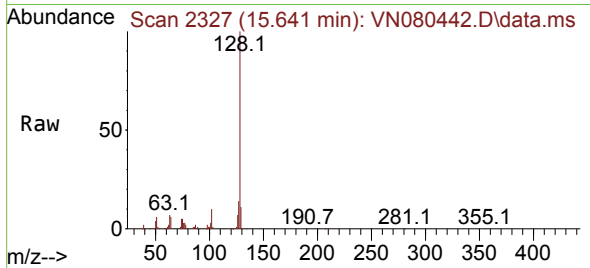




#95
Naphthalene
Concen: 18.739 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 200141
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.252 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080442.D
Acq: 12 Dec 2023 17:03

Tgt Ion:180 Resp: 61949
Ion Ratio Lower Upper
180 100
182 92.0 46.2 138.6
145 36.3 17.5 52.6

