

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082391.D
 Acq On : 30 May 2024 13:43
 Operator : JC\MD
 Sample : VN0530MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 31 03:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131191	48.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.171	113	91279	51.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	10.571	98	330036	48.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.847	95	119377	48.892	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.780%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	43848	17.807	ug/l	97
3) Chloromethane	2.359	50	45416	16.274	ug/l	99
4) Vinyl Chloride	2.518	62	45521	17.351	ug/l	100
5) Bromomethane	2.959	94	28263	18.742	ug/l	100
6) Chloroethane	3.124	64	31240	18.236	ug/l	94
7) Trichlorofluoromethane	3.501	101	68014	19.798	ug/l	98
8) Diethyl Ether	3.959	74	25118	20.524	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	37672	18.772	ug/l	96
10) Methyl Iodide	4.589	142	38805	19.234	ug/l	96
11) Tert butyl alcohol	5.518	59	42568	98.328	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35293	18.921	ug/l #	78
13) Acrolein	4.177	56	32767	102.139	ug/l	99
14) Allyl chloride	5.024	41	71153	17.817	ug/l #	92
15) Acrylonitrile	5.718	53	114692	102.294	ug/l	99
16) Acetone	4.424	43	103718	93.750	ug/l	92
17) Carbon Disulfide	4.712	76	92456	15.346	ug/l	96
18) Methyl Acetate	5.024	43	60332	21.898	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	146048	21.421	ug/l	94
20) Methylene Chloride	5.283	84	44462	19.919	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	37207	18.304	ug/l #	79
22) Diisopropyl ether	6.671	45	167772	20.118	ug/l #	90
23) Vinyl Acetate	6.600	43	641079	97.505	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	84650	19.694	ug/l	96
25) 2-Butanone	7.489	43	166031	98.983	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	73200	20.332	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	49083	20.460	ug/l	82
28) Bromochloromethane	7.812	49	43195	22.505	ug/l #	78
29) Tetrahydrofuran	7.841	42	105654	98.104	ug/l #	84
30) Chloroform	7.965	83	84248	20.525	ug/l	99
31) Cyclohexane	8.259	56	69924	16.233	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	74271	20.396	ug/l	95
36) 1,1-Dichloropropene	8.371	75	56493	18.878	ug/l	96
37) Ethyl Acetate	7.559	43	68726	20.521	ug/l #	94
38) Carbon Tetrachloride	8.359	117	63332	20.877	ug/l	98
39) Methylcyclohexane	9.600	83	57849	17.636	ug/l #	85
40) Benzene	8.606	78	177800	19.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38840	19.720	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	71706	20.893	ug/l	93
43) Isopropyl Acetate	8.688	43	128167	21.598	ug/l #	89
44) Trichloroethene	9.353	130	39807	19.638	ug/l	94
45) 1,2-Dichloropropane	9.624	63	46783	20.319	ug/l	99
46) Dibromomethane	9.712	93	32852	21.733	ug/l	97
47) Bromodichloromethane	9.888	83	69078	21.647	ug/l #	97
48) Methyl methacrylate	9.682	41	57405	20.301	ug/l #	82
49) 1,4-Dioxane	9.694	88	17407	439.314	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	350440	103.938	ug/l	91
52) Toluene	10.629	92	110599	20.653	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	68882	20.871	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	73469	21.030	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	42768	21.976	ug/l	97
56) Ethyl methacrylate	10.877	69	71247	21.563	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	76651	21.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	189048	110.927	ug/l	89
59) 2-Hexanone	11.194	43	258066	104.534	ug/l	89
60) Dibromochloromethane	11.359	129	50234	23.390	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42149	21.086	ug/l	99
64) Tetrachloroethene	11.106	164	39387	20.402	ug/l	91
65) Chlorobenzene	11.894	112	117212	20.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42291	22.313	ug/l	98
67) Ethyl Benzene	11.965	91	209456	20.349	ug/l	97
68) m/p-Xylenes	12.071	106	156895	41.589	ug/l	95
69) o-Xylene	12.400	106	74182	20.300	ug/l	90
70) Styrene	12.412	104	127054	20.932	ug/l	96
71) Bromoform	12.576	173	31315	21.183	ug/l #	100
73) Isopropylbenzene	12.694	105	194816	20.753	ug/l	98
74) N-amyl acetate	12.494	43	102624	19.875	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	58330	21.556	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	79654	32.028	ug/l	67
77) Bromobenzene	12.982	156	46085	20.601	ug/l	86
78) n-propylbenzene	13.035	91	224967	20.238	ug/l	98
79) 2-Chlorotoluene	13.123	91	141588	20.284	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	158454	20.876	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	21407	20.133	ug/l #	72
82) 4-Chlorotoluene	13.223	91	138744	20.330	ug/l	96
83) tert-Butylbenzene	13.441	119	136601	20.571	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	160671	20.690	ug/l	95
85) sec-Butylbenzene	13.618	105	187233	20.342	ug/l	99
86) p-Isopropyltoluene	13.729	119	155052	20.728	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	83958	20.715	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83435	20.170	ug/l	96
89) n-Butylbenzene	14.059	91	136399	20.287	ug/l	97
90) Hexachloroethane	14.335	117	29028	20.945	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	82112	21.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12628	22.714	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	42863	19.932	ug/l	98
94) Hexachlorobutadiene	15.506	225	18739	19.859	ug/l	97
95) Naphthalene	15.641	128	140443	20.840	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44456	20.651	ug/l	98

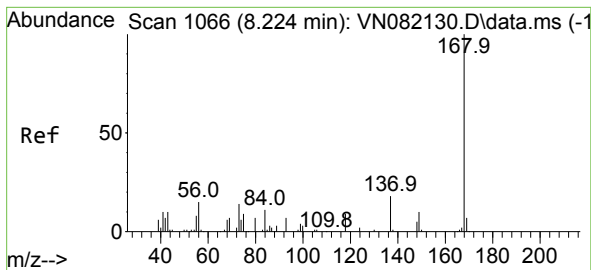
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

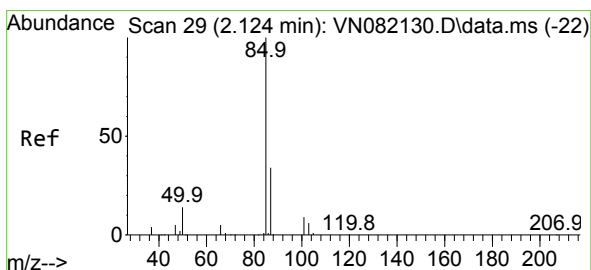
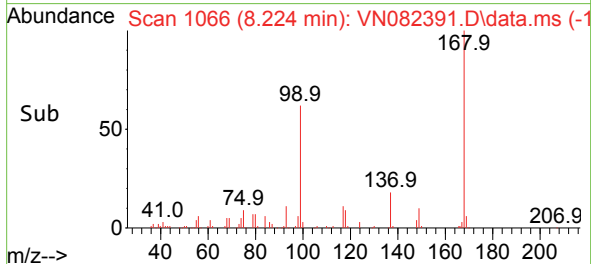
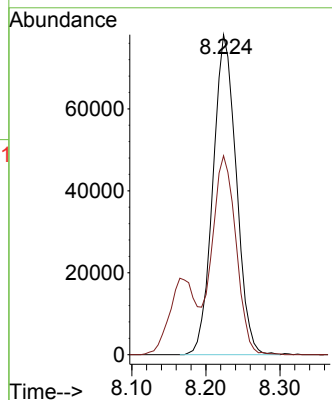
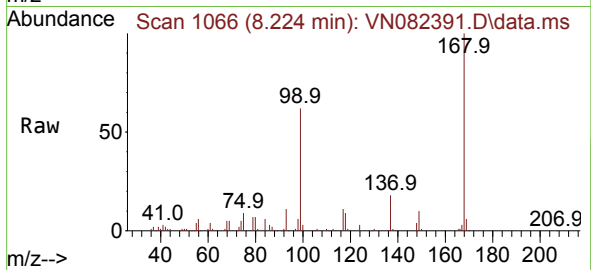
ClientSampleId :

Tgt Ion:168 Resp: 170797

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 17.807 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082391.D

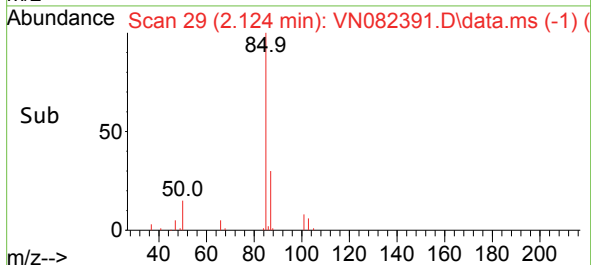
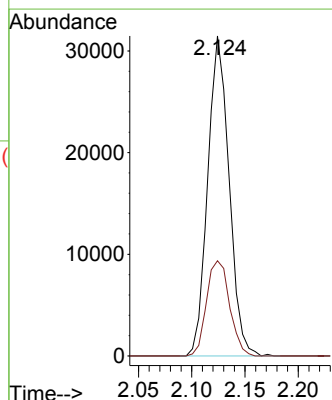
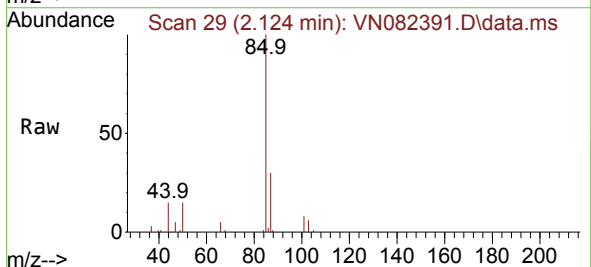
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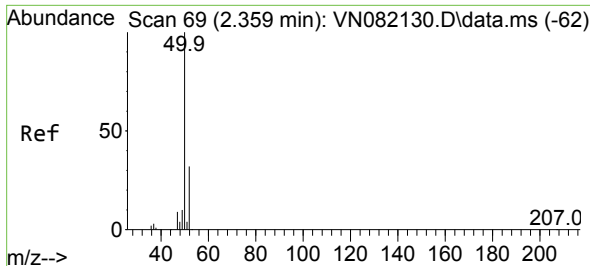
Tgt Ion: 85 Resp: 43848

Ion Ratio Lower Upper

85 100

87 29.8 15.8 47.4

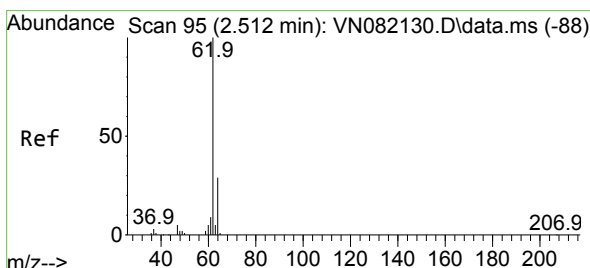
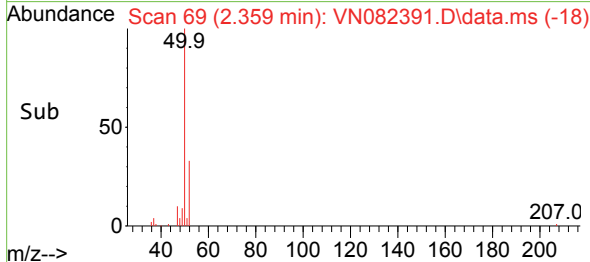
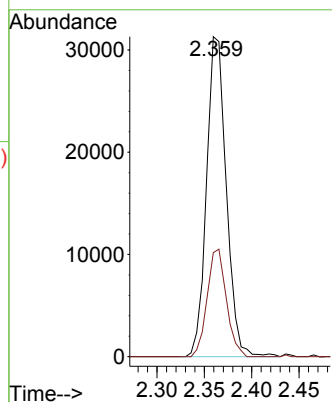
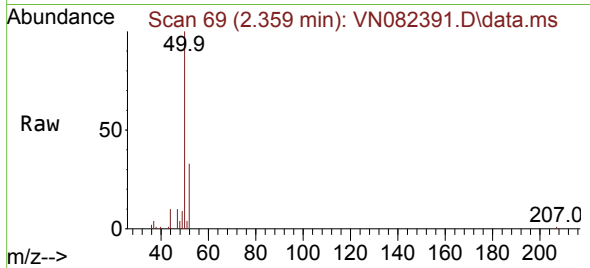




#3
Chloromethane
Concen: 16.274 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

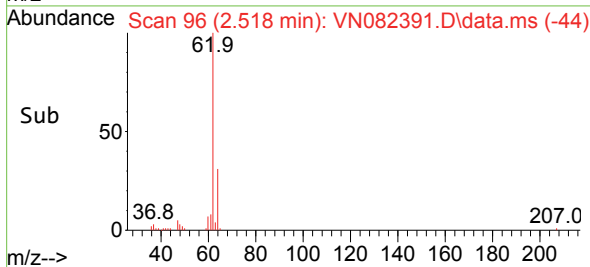
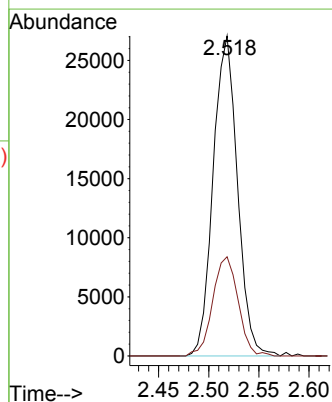
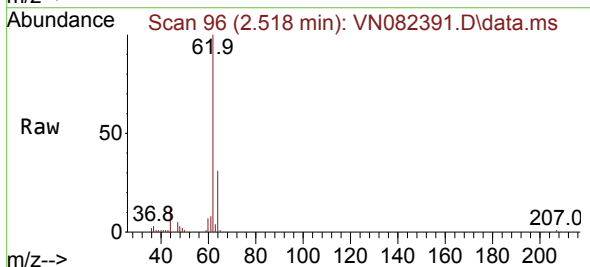
Instrument :
MSVOA_N
ClientSampleId :

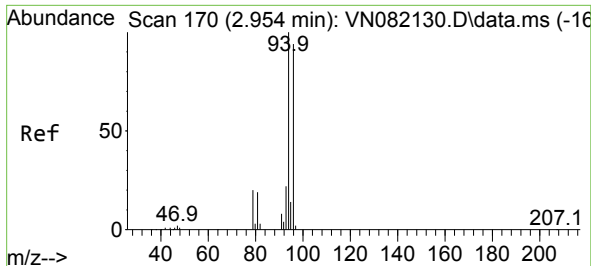
Tgt Ion: 50 Resp: 45416
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 17.351 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 62 Resp: 45521
Ion Ratio Lower Upper
62 100
64 31.0 24.6 37.0

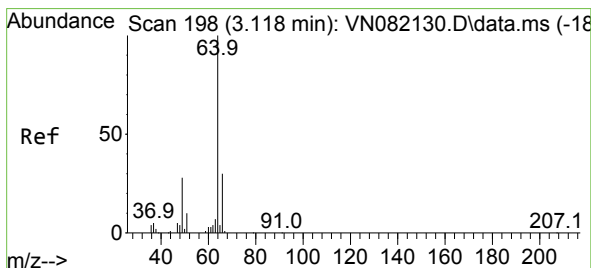
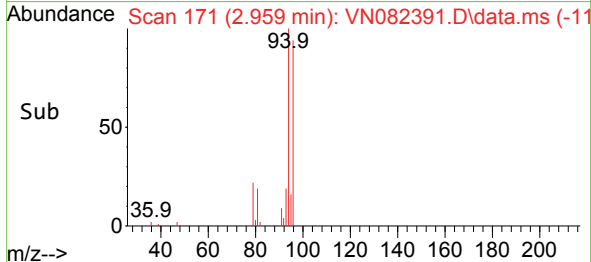
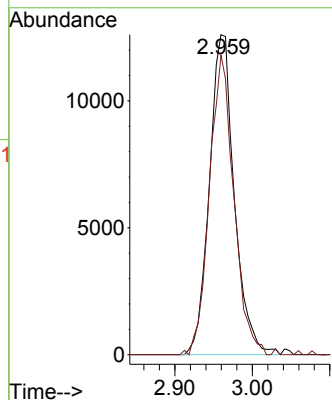
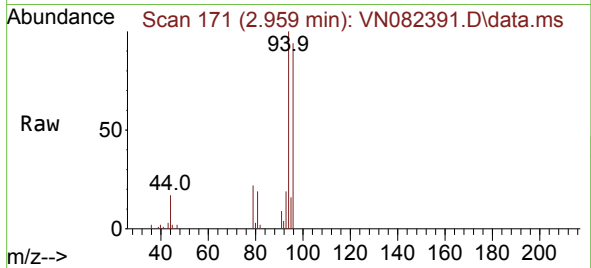




#5
Bromomethane
Concen: 18.742 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

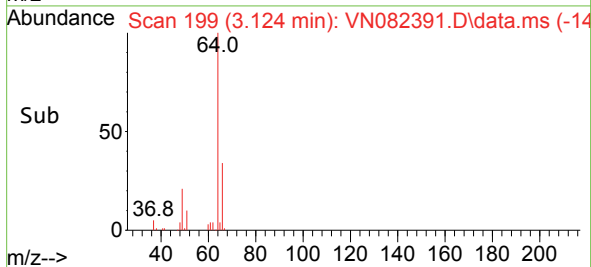
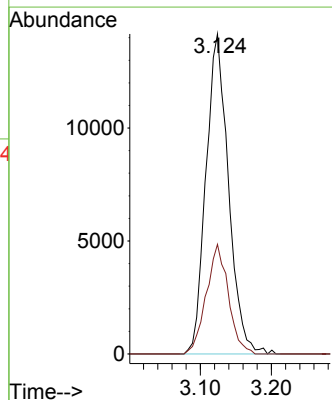
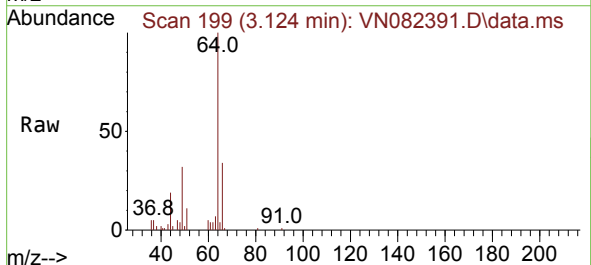
Instrument :
MSVOA_N
ClientSampleId :

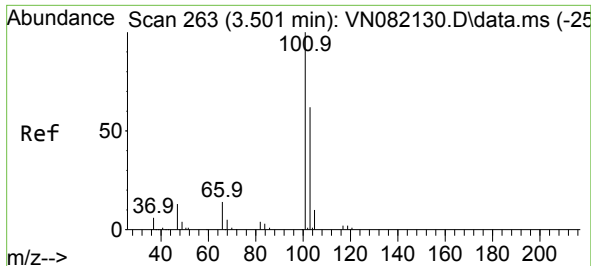
Tgt Ion: 94 Resp: 28263
Ion Ratio Lower Upper
94 100
96 93.6 74.8 112.2



#6
Chloroethane
Concen: 18.236 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 64 Resp: 31240
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1

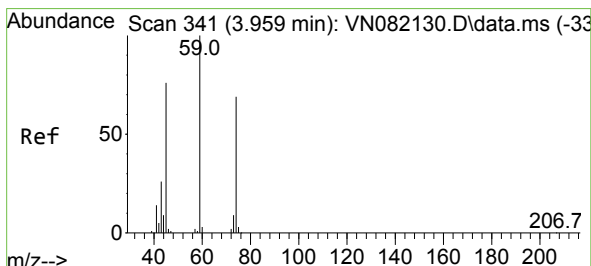
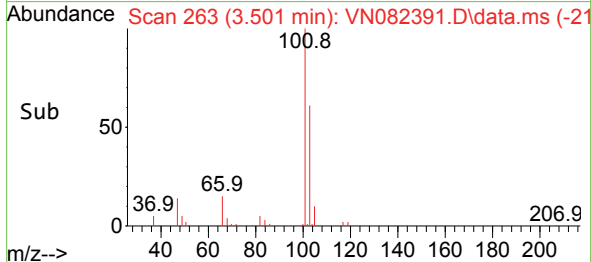
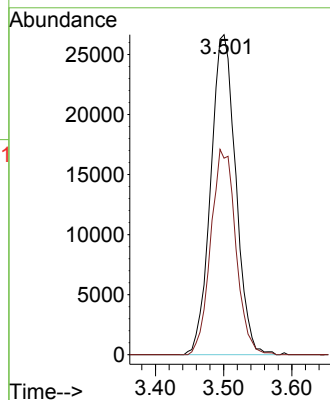
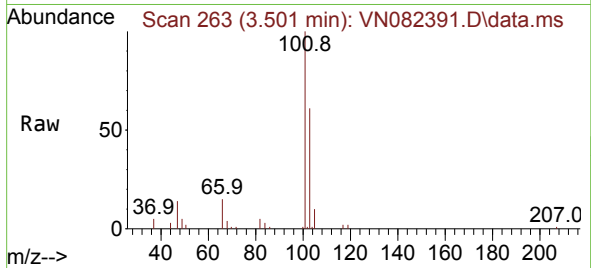




#7
Trichlorofluoromethane
Concen: 19.798 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

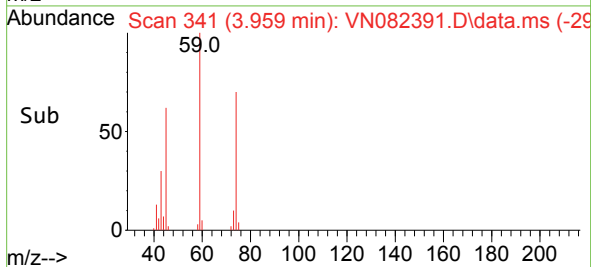
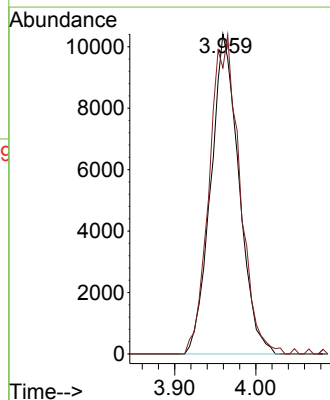
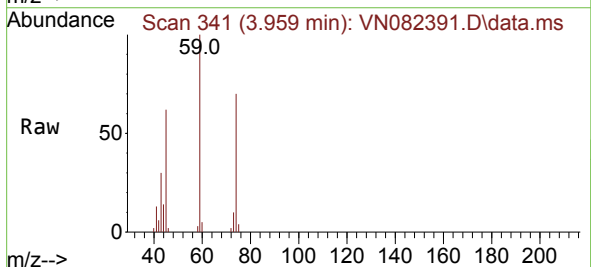
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MSVOA_N
ClientSampleId :

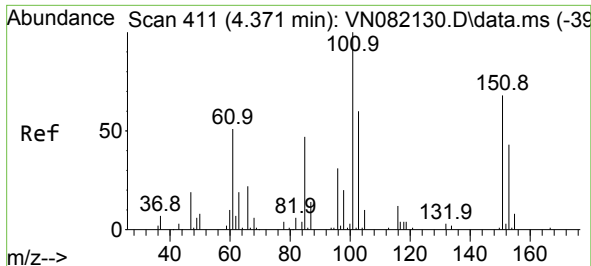
Tgt Ion:101 Resp: 68014
Ion Ratio Lower Upper
101 100
103 61.4 50.6 75.8



#8
Diethyl Ether
Concen: 20.524 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 74 Resp: 25118
Ion Ratio Lower Upper
74 100
45 107.3 42.4 127.3

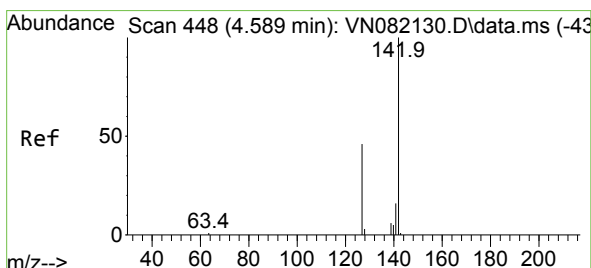
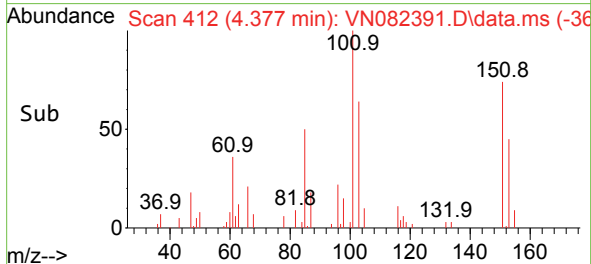
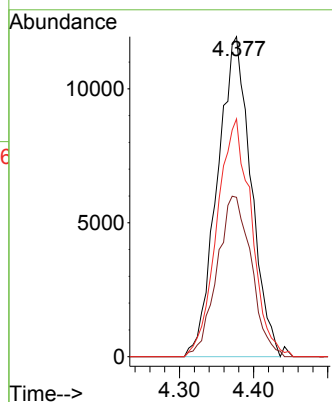
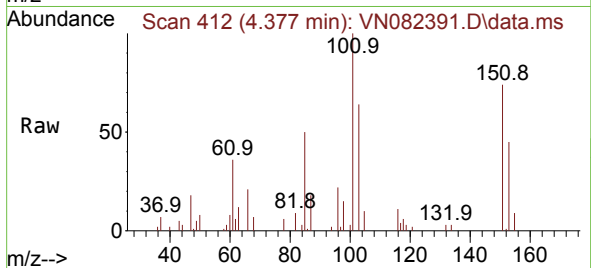




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.772 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082391.D
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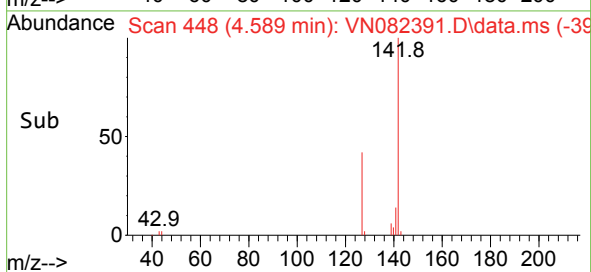
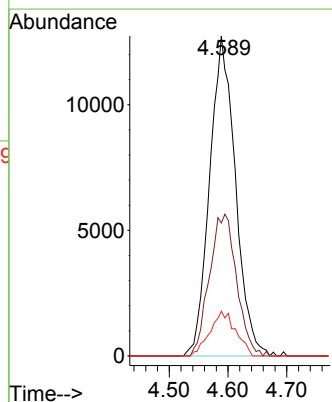
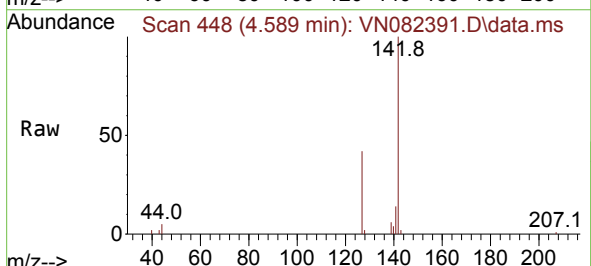
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MSVOA_N
ClientSampleId :

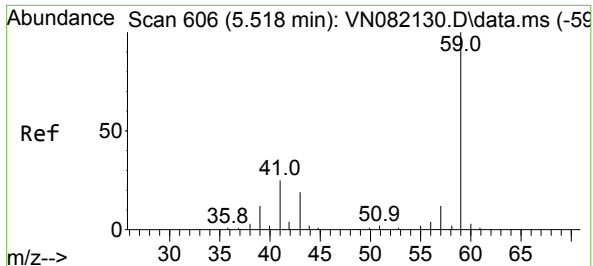
Tgt Ion:101 Resp: 37672
Ion Ratio Lower Upper
101 100
85 51.2 37.3 55.9
151 76.0 59.2 88.8



#10
Methyl Iodide
Concen: 19.234 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion:142 Resp: 38805
Ion Ratio Lower Upper
142 100
127 41.5 35.8 53.6
141 14.0 11.4 17.2

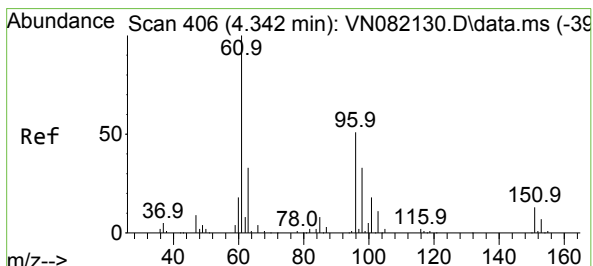
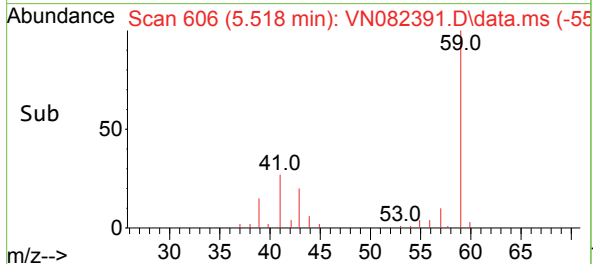
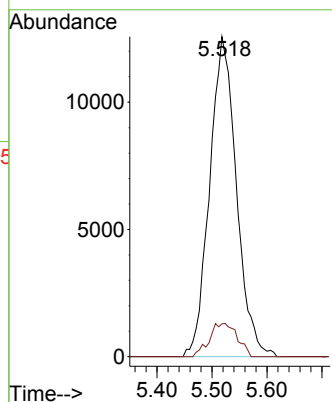
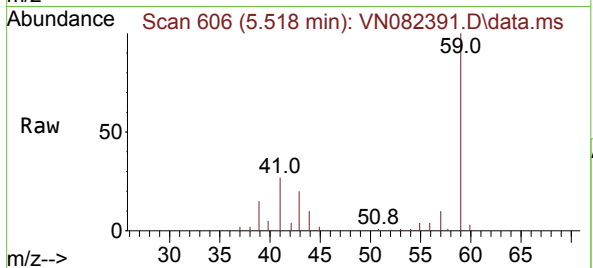




#11
Tert butyl alcohol
Concen: 98.328 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

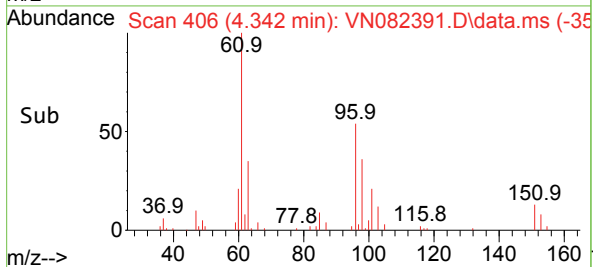
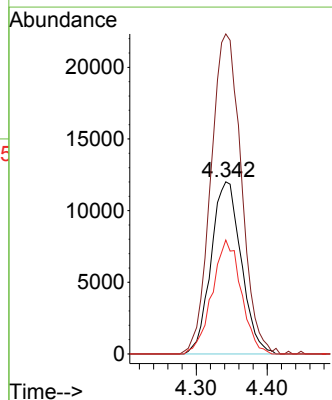
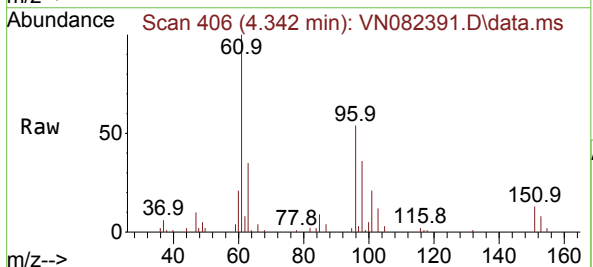
Instrument :
MSVOA_N
ClientSampleId :

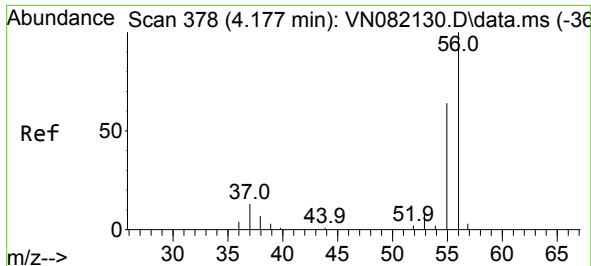
Tgt Ion: 59 Resp: 42568
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 18.921 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 96 Resp: 35293
Ion Ratio Lower Upper
96 100
61 185.8 119.7 179.5#
98 66.2 49.6 74.4





#13

Acrolein

Concen: 102.139 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

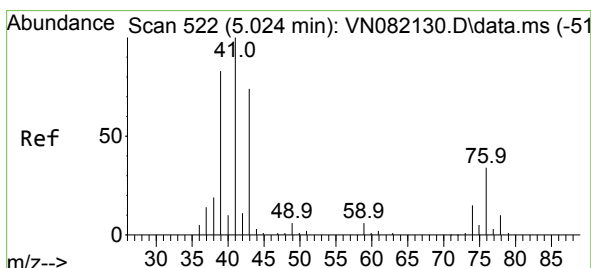
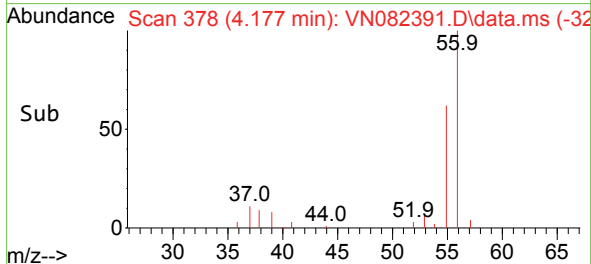
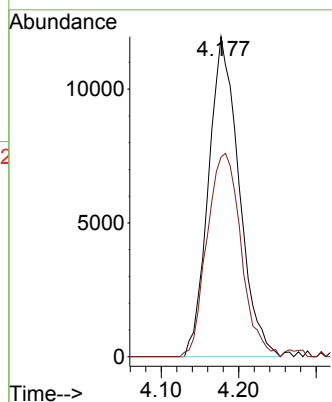
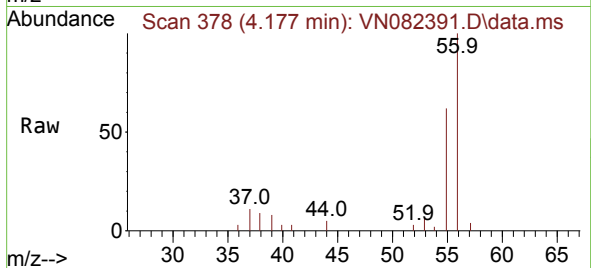
ClientSampleId :

Tgt Ion: 56 Resp: 32767

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.8



#14

Allyl chloride

Concen: 17.817 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

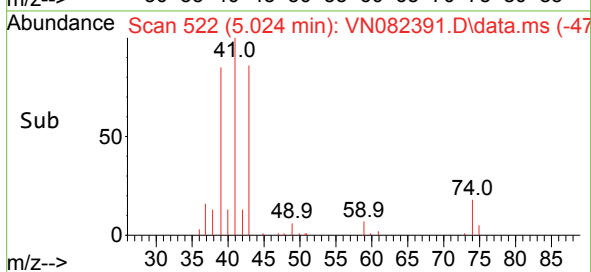
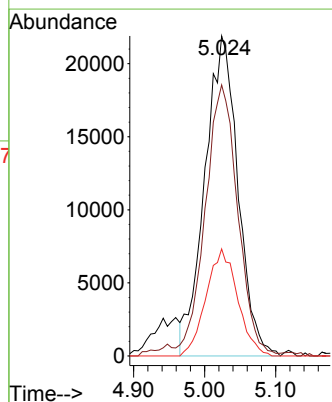
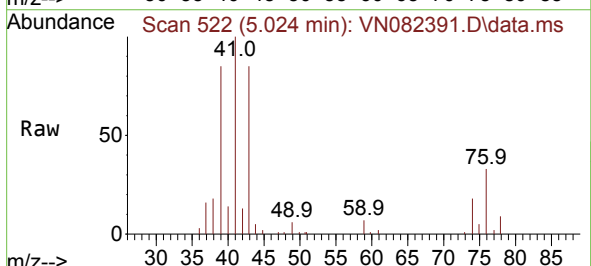
Tgt Ion: 41 Resp: 71153

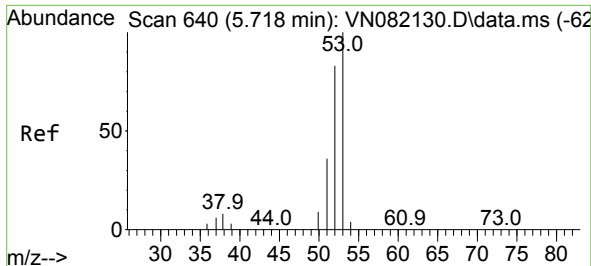
Ion Ratio Lower Upper

41 100

39 81.5 65.4 98.0

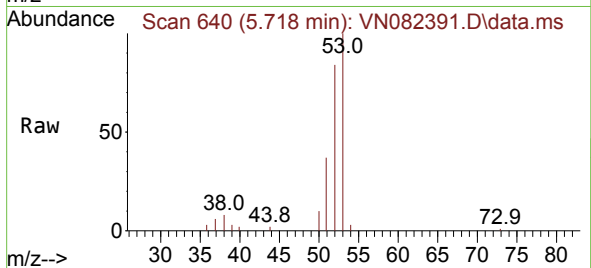
76 31.7 37.3 55.9#





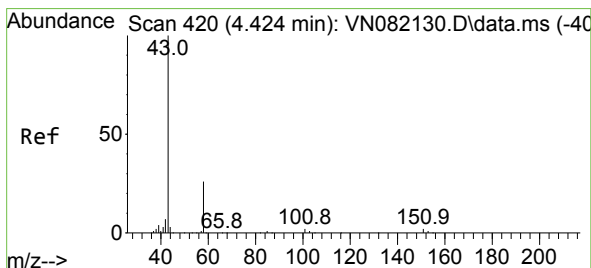
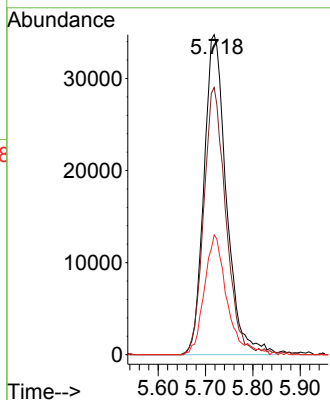
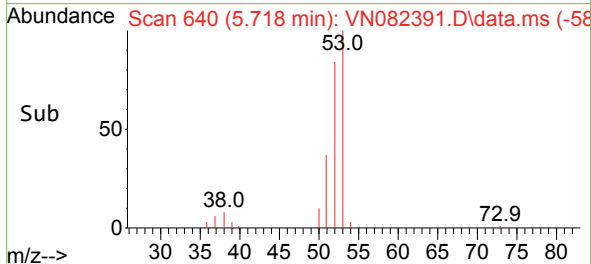
#15
Acrylonitrile
Concen: 102.294 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 114692

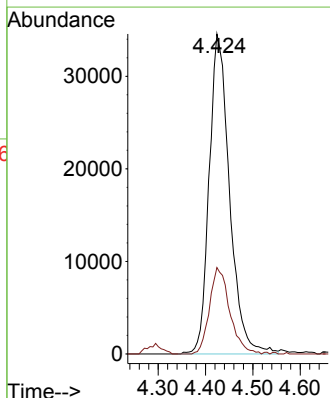
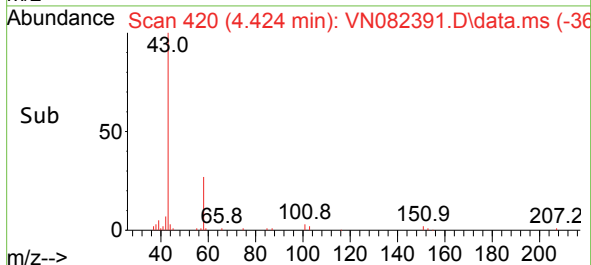
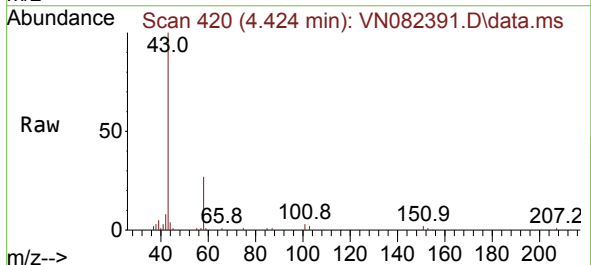
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.1	99.1
51	37.5	29.4	44.2

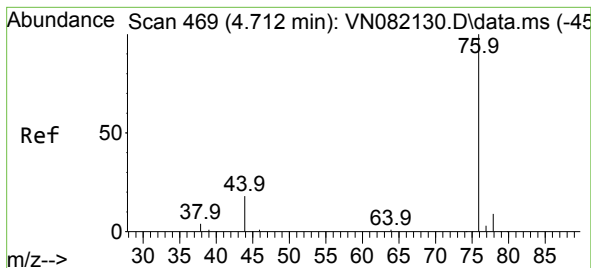


#16
Acetone
Concen: 93.750 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 43 Resp: 103718

Ion	Ratio	Lower	Upper
43	100		
58	27.0	25.2	37.8





#17

Carbon Disulfide

Concen: 15.346 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

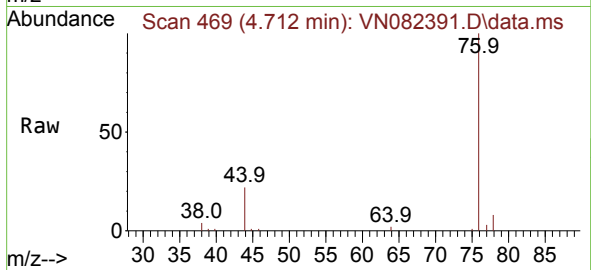
Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

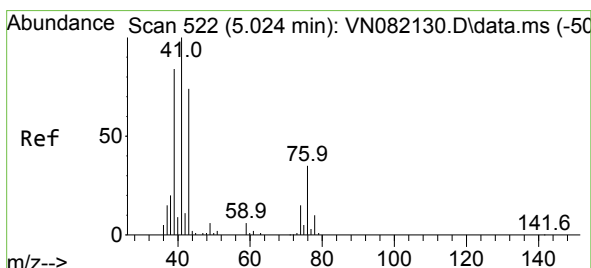
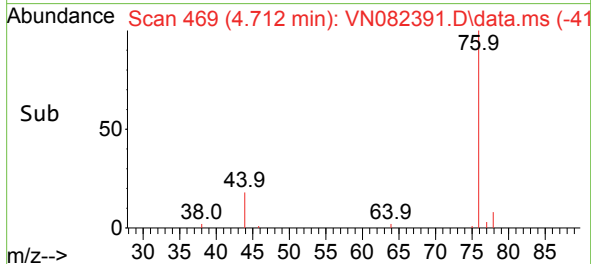
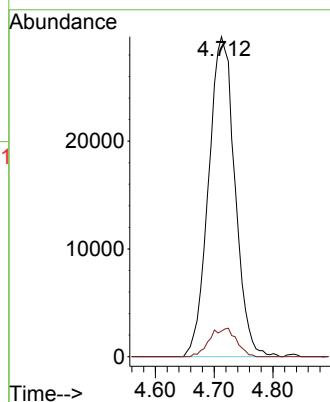


Tgt Ion: 76 Resp: 92456

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3



#18

Methyl Acetate

Concen: 21.898 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082391.D

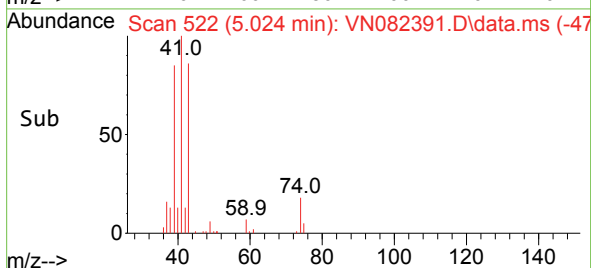
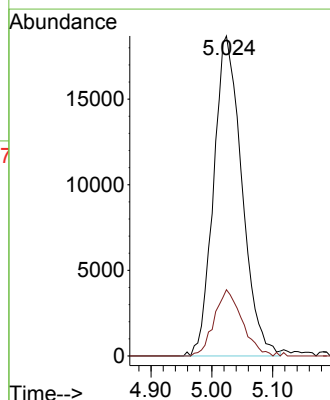
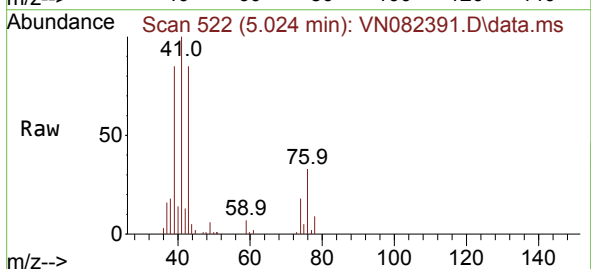
Acq: 30 May 2024 13:43

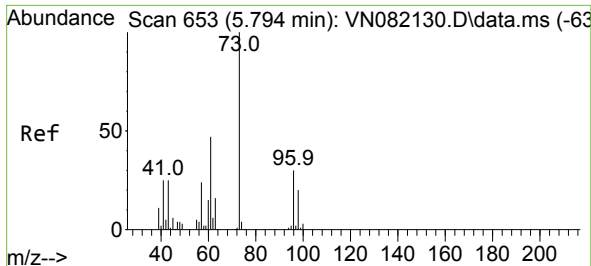
Tgt Ion: 43 Resp: 60332

Ion Ratio Lower Upper

43 100

74 20.3 22.2 33.2#

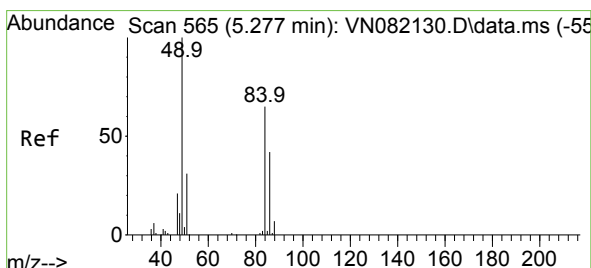
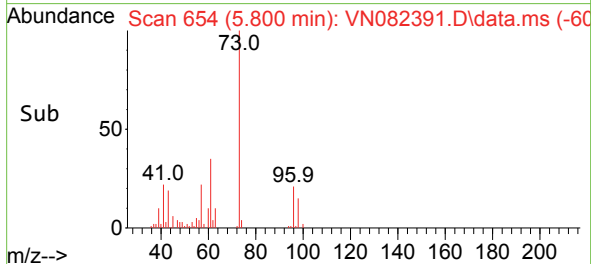
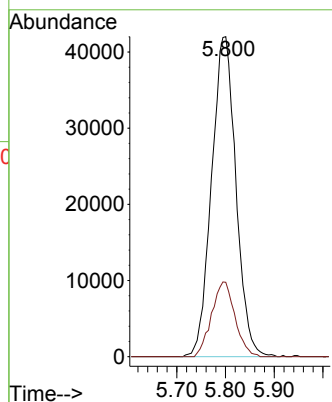
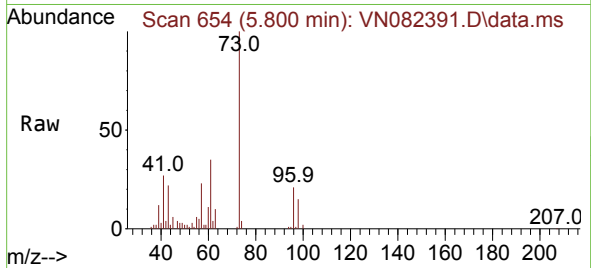




#19
Methyl tert-butyl Ether
Concen: 21.421 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

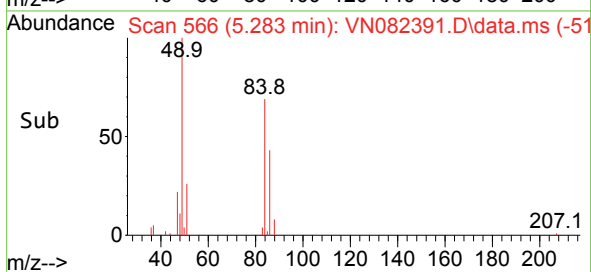
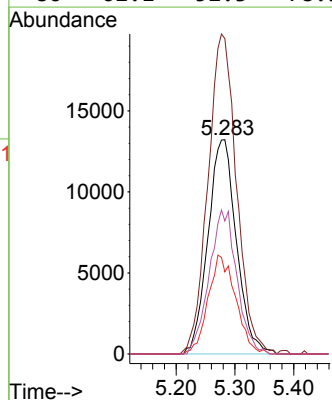
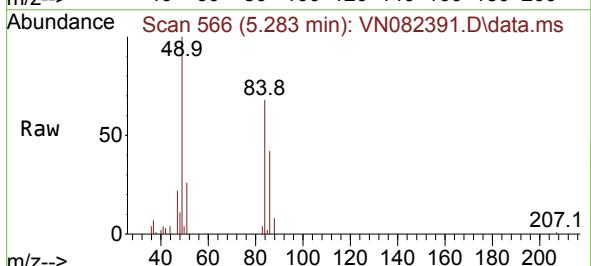
Instrument :
MSVOA_N
ClientSampleId :

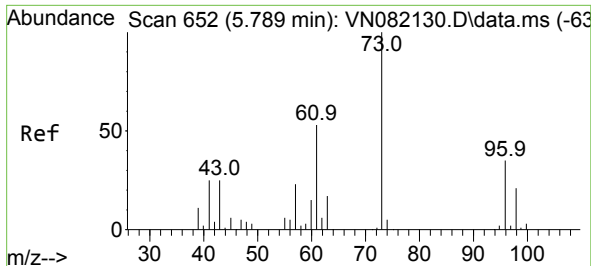
Tgt Ion: 73 Resp: 146048
Ion Ratio Lower Upper
73 100
57 23.3 16.5 24.7



#20
Methylene Chloride
Concen: 19.919 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

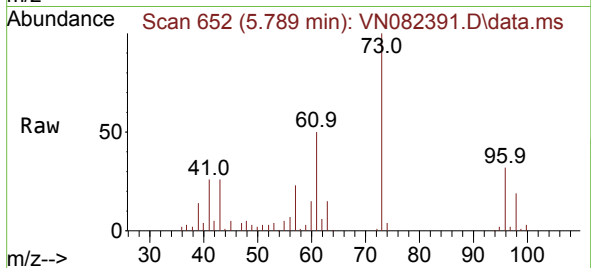
Tgt Ion: 84 Resp: 44462
Ion Ratio Lower Upper
84 100
49 147.2 84.9 127.3#
51 38.3 27.0 40.6
86 62.1 52.3 78.5



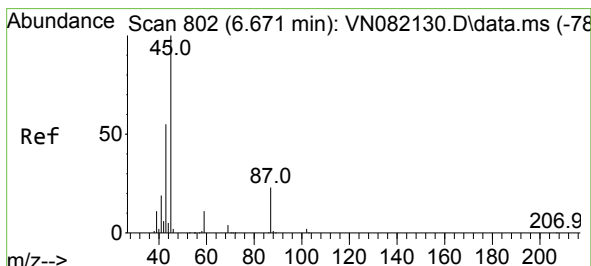
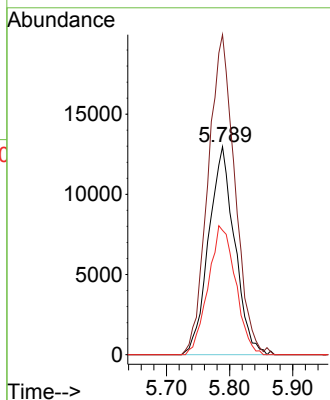
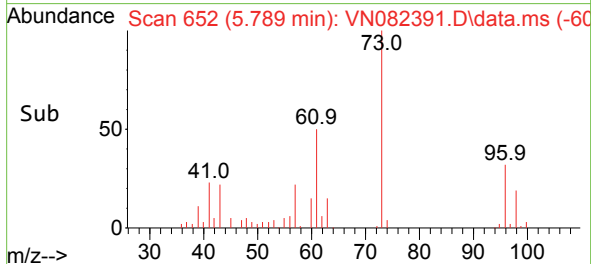


#21
trans-1,2-Dichloroethene
Concen: 18.304 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

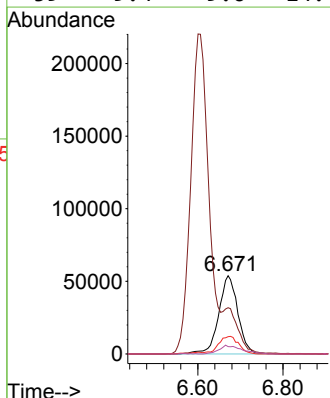
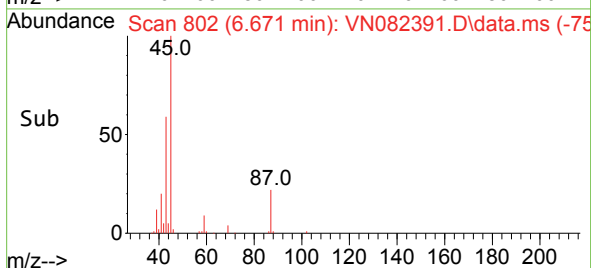
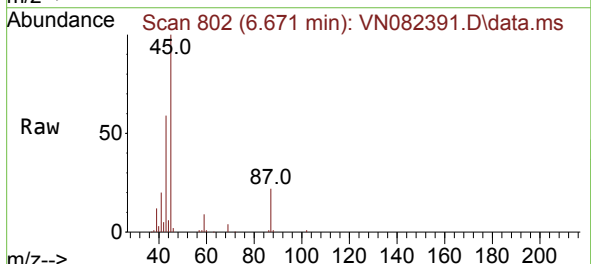


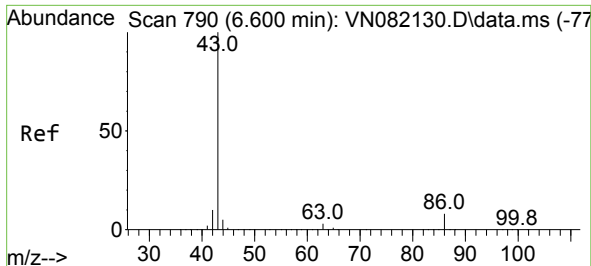
Tgt Ion: 96 Resp: 37207
Ion Ratio Lower Upper
96 100
61 153.8 96.5 144.7#
98 59.8 51.3 76.9



#22
Diisopropyl ether
Concen: 20.118 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 45 Resp: 167772
Ion Ratio Lower Upper
45 100
43 58.2 44.1 66.1
87 22.1 27.0 40.6#
59 9.4 9.6 14.4#

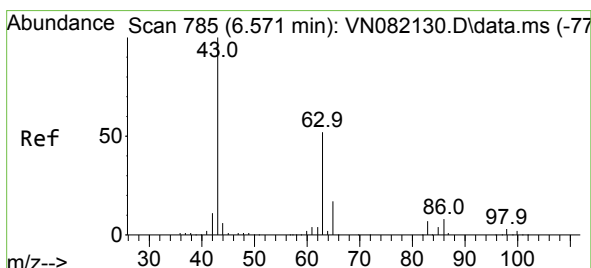
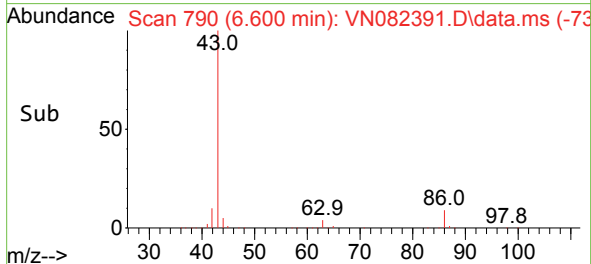
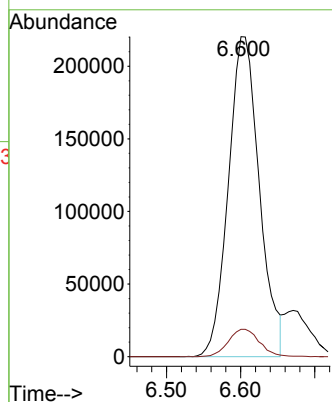
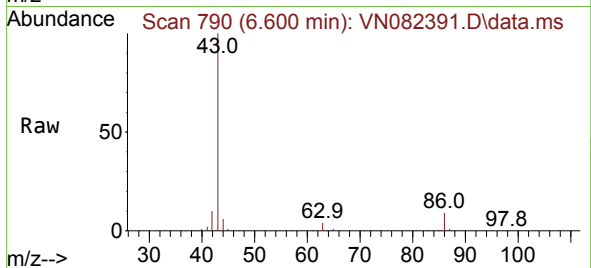




#23
 Vinyl Acetate
 Concen: 97.505 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

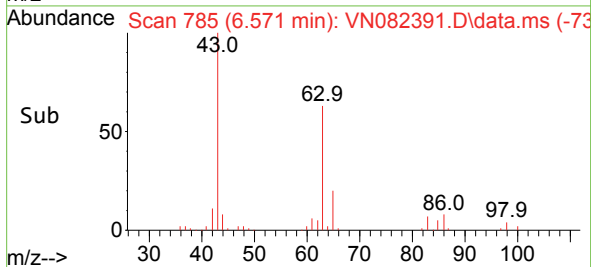
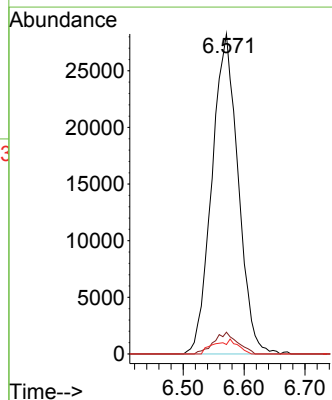
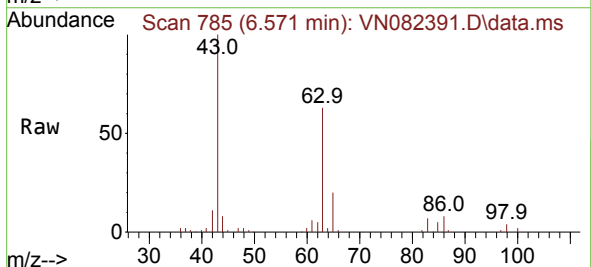
Instrument :
 MSVOA_N
 ClientSampleId :

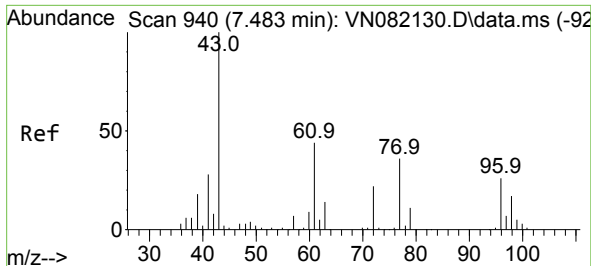
Tgt Ion: 43 Resp: 641079
 Ion Ratio Lower Upper
 43 100
 86 8.5 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.694 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

Tgt Ion: 63 Resp: 84650
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 3.0 2.6 7.8

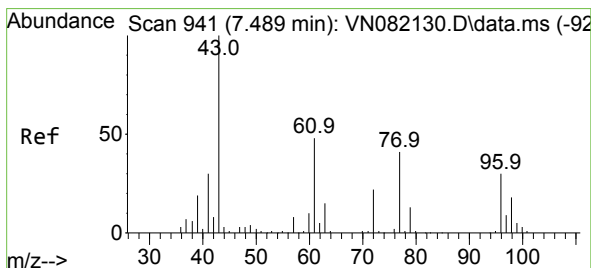
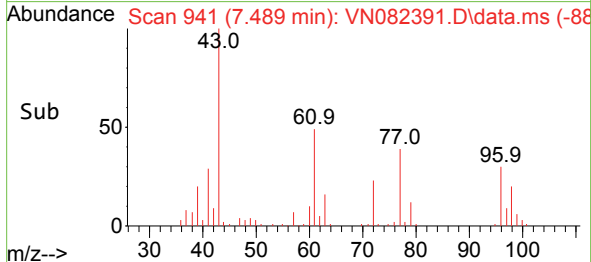
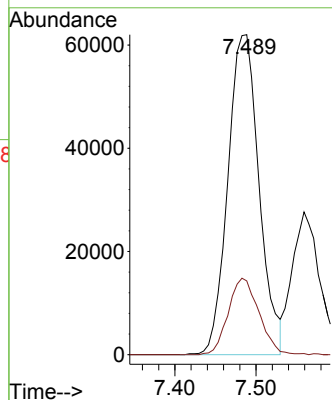
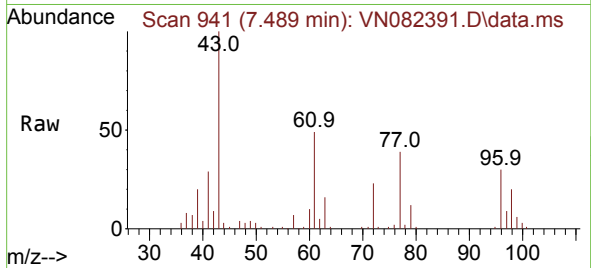




#25
2-Butanone
Concen: 98.983 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

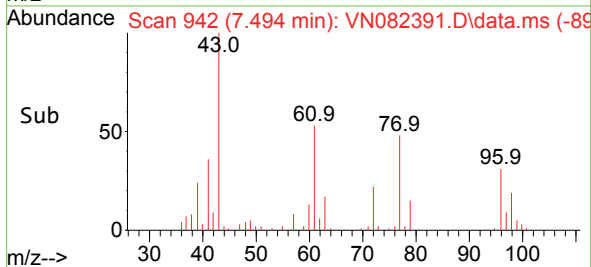
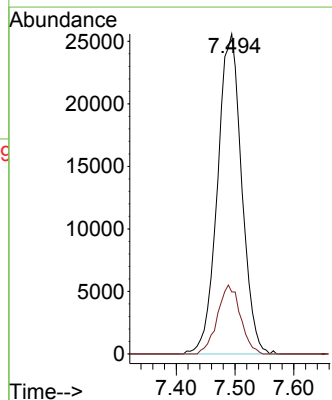
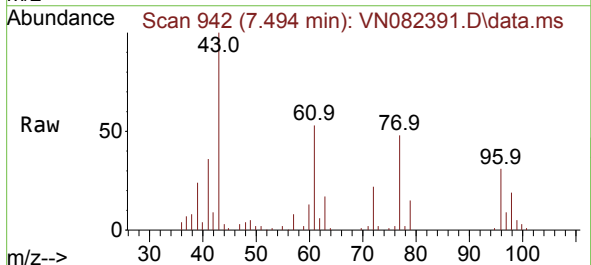
Instrument :
MSVOA_N
ClientSampleId :

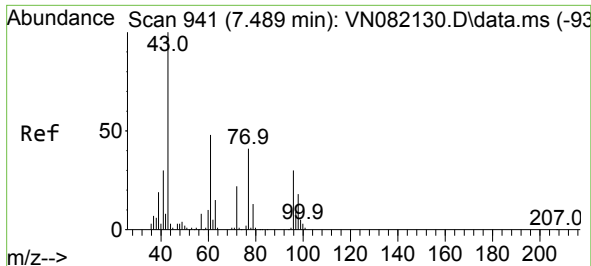
Tgt Ion: 43 Resp: 166031
Ion Ratio Lower Upper
43 100
72 23.1 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 20.332 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

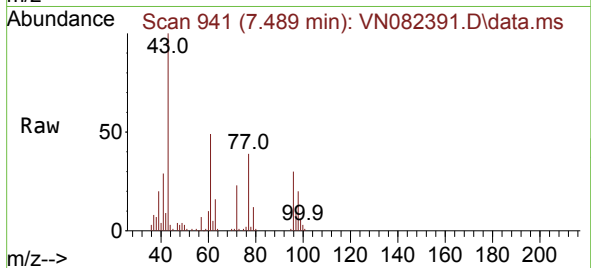
Tgt Ion: 77 Resp: 73200
Ion Ratio Lower Upper
77 100
97 20.5 11.3 33.9



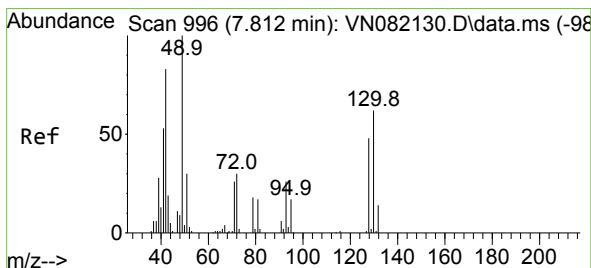
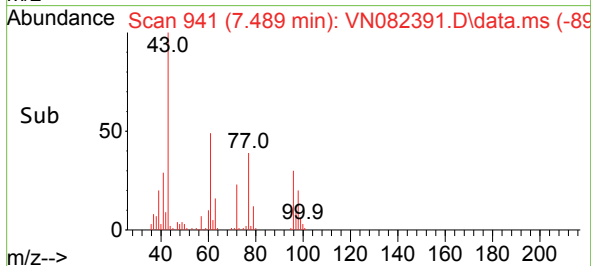
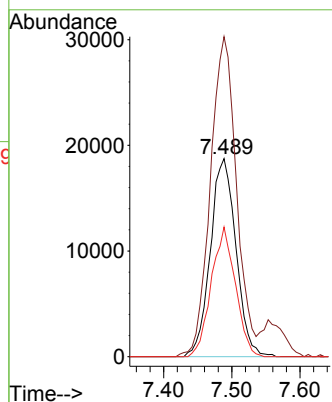


#27
 cis-1,2-Dichloroethene
 Concen: 20.460 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

Instrument :
 MSVOA_N
 ClientSampleId :

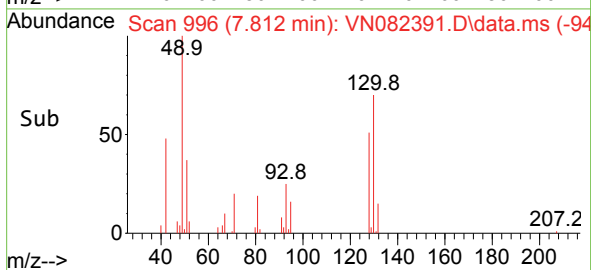
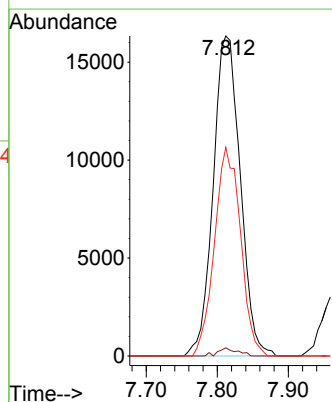
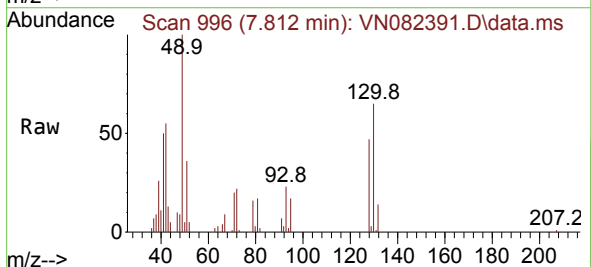


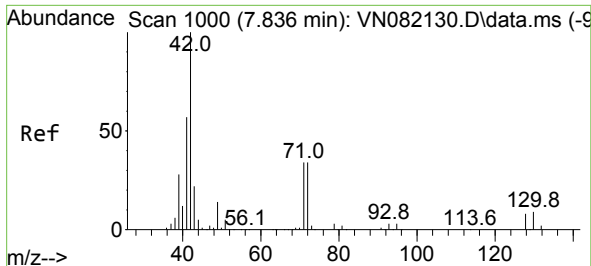
Tgt Ion: 96 Resp: 49083
 Ion Ratio Lower Upper
 96 100
 61 164.1 0.0 268.0
 98 61.7 0.0 126.8



#28
 Bromochloromethane
 Concen: 22.505 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

Tgt Ion: 49 Resp: 43195
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 62.7 66.7 100.1#





#29

Tetrahydrofuran

Concen: 98.104 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

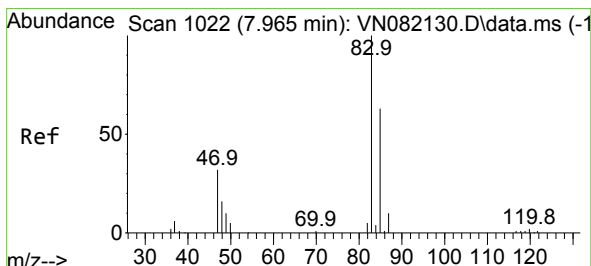
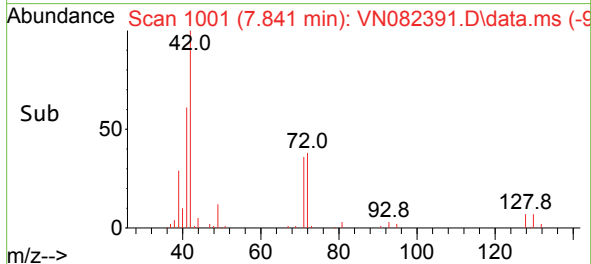
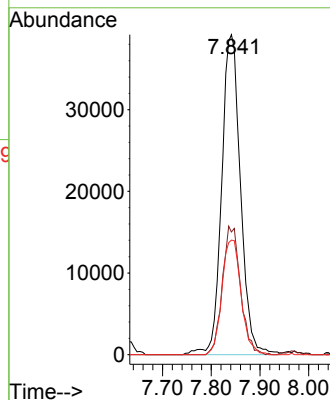
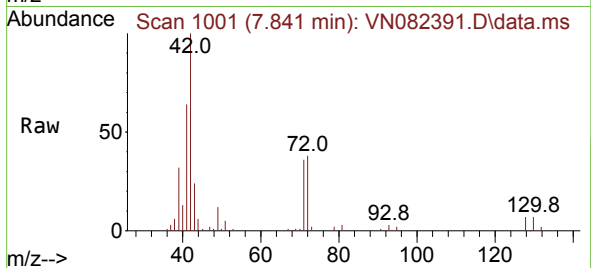
Tgt Ion: 42 Resp: 105654

Ion Ratio Lower Upper

42 100

72 38.6 39.3 58.9#

71 36.2 37.4 56.0#



#30

Chloroform

Concen: 20.525 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082391.D

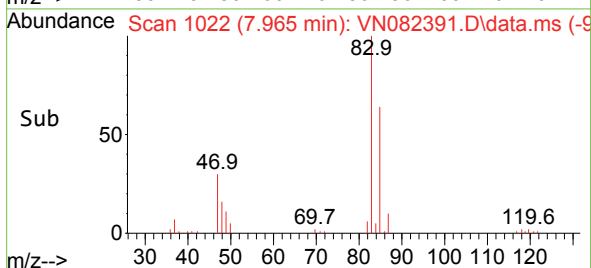
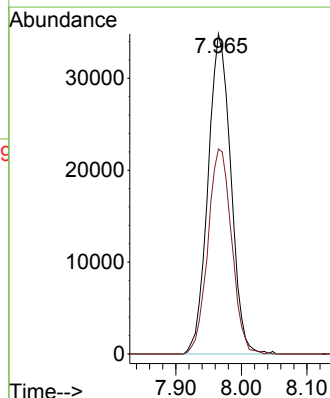
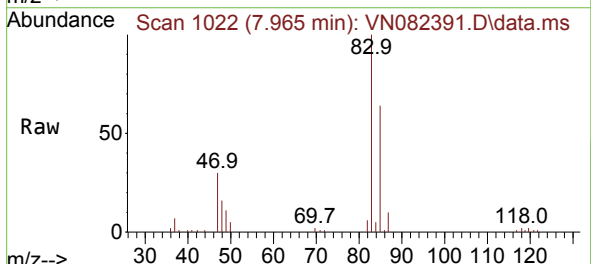
Acq: 30 May 2024 13:43

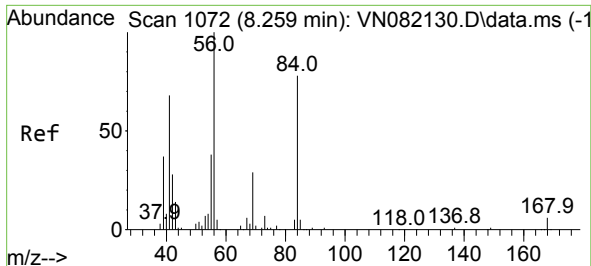
Tgt Ion: 83 Resp: 84248

Ion Ratio Lower Upper

83 100

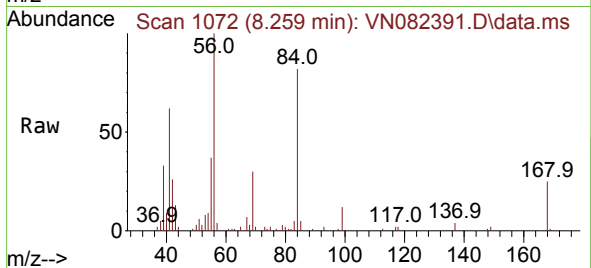
85 64.0 50.7 76.1



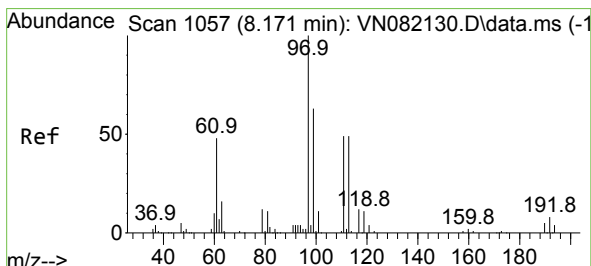
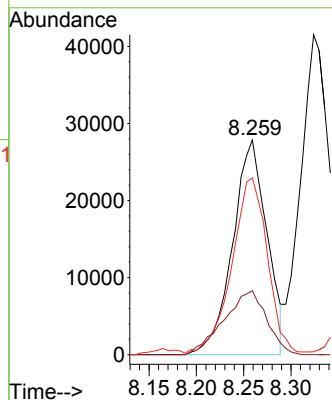
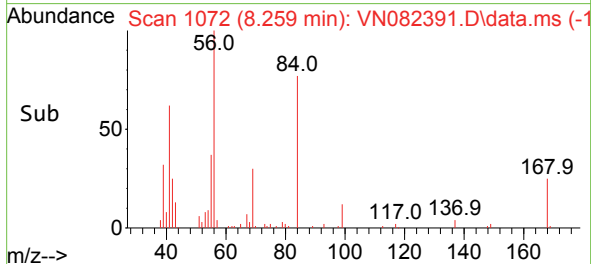


#31
Cyclohexane
Concen: 16.233 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

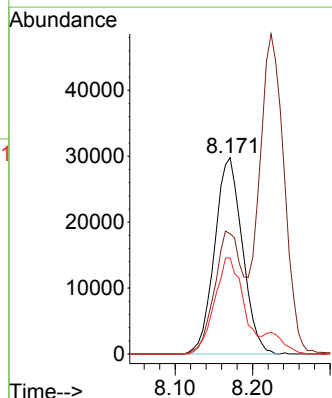
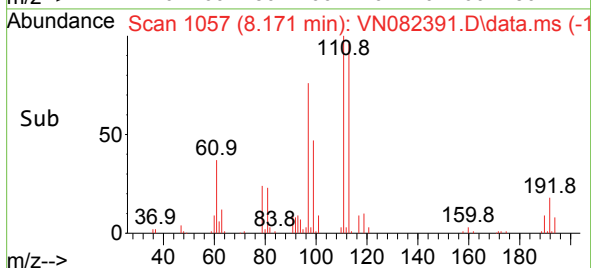
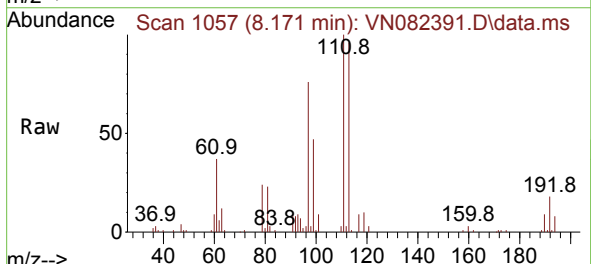


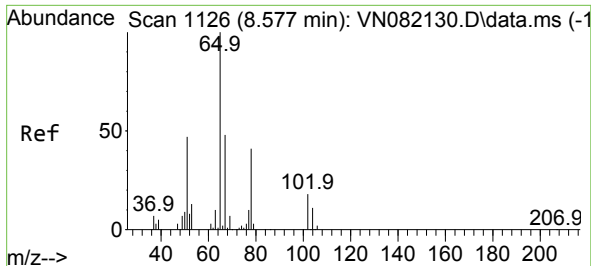
Tgt Ion: 56 Resp: 69924
Ion Ratio Lower Upper
56 100
69 29.8 24.4 36.6
84 80.6 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 20.396 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 97 Resp: 74271
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 51.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.645 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

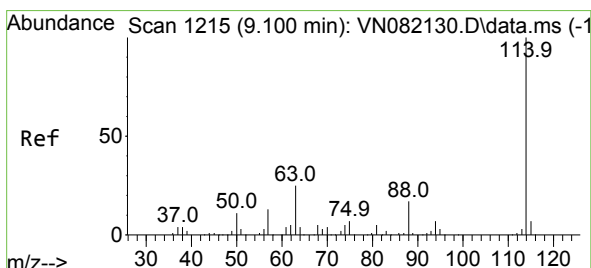
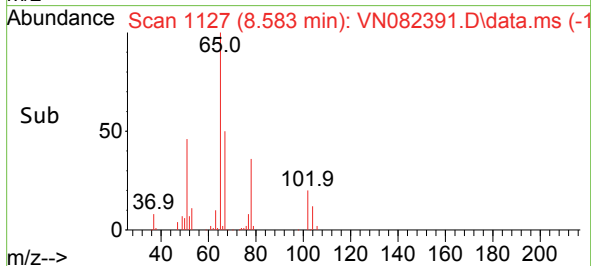
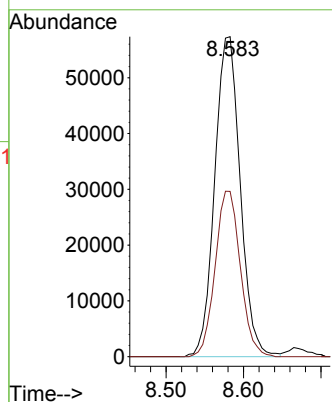
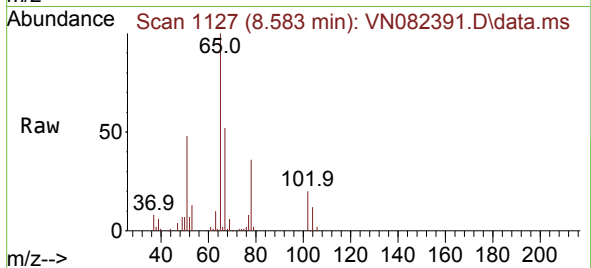
ClientSampleId :

Tgt Ion: 65 Resp: 131191

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

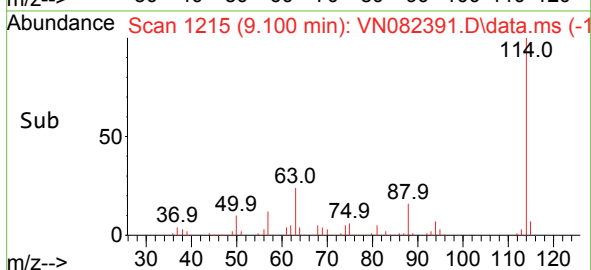
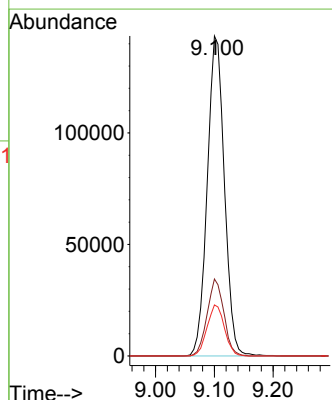
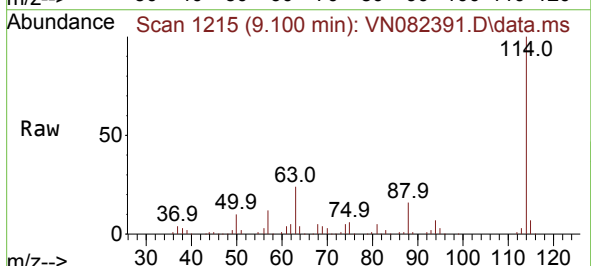
Tgt Ion: 114 Resp: 290055

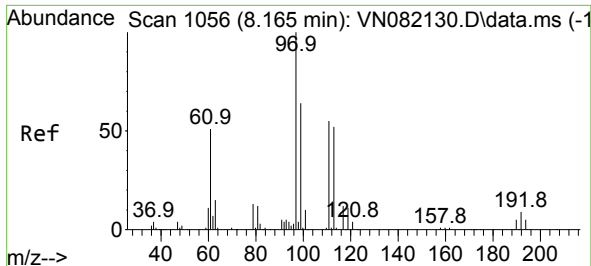
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.157 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

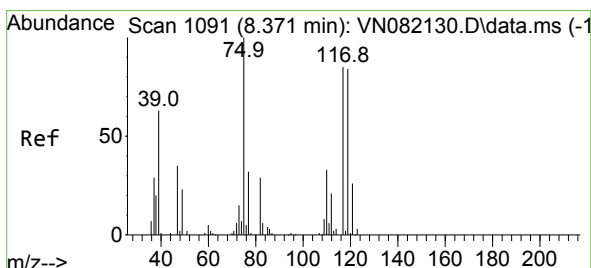
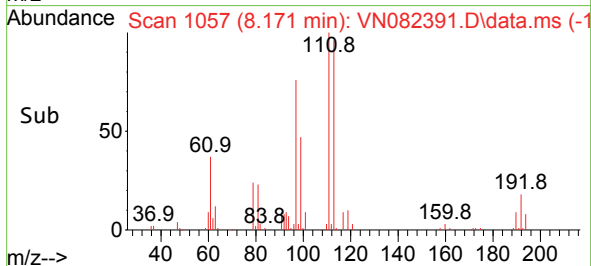
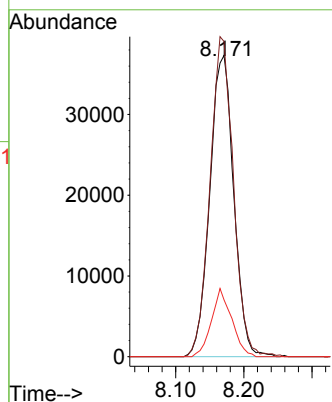
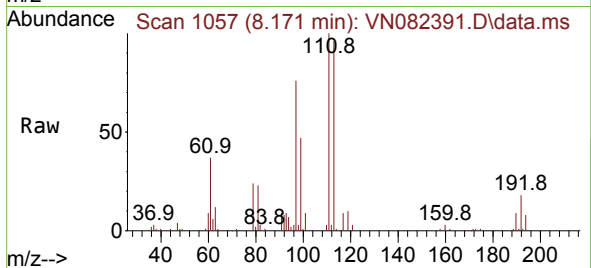
Tgt Ion:113 Resp: 91279

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 19.2 14.0 21.0



#36

1,1-Dichloropropene

Concen: 18.878 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

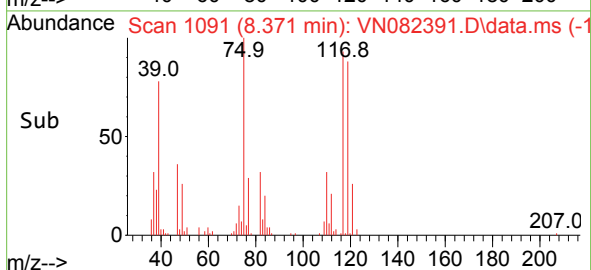
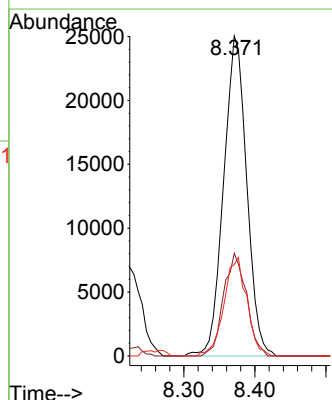
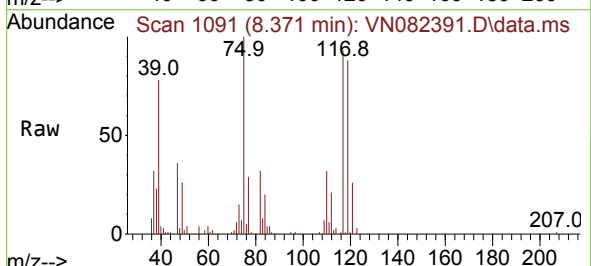
Tgt Ion: 75 Resp: 56493

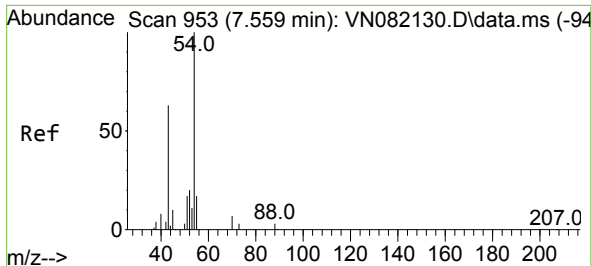
Ion Ratio Lower Upper

75 100

110 31.8 17.8 53.5

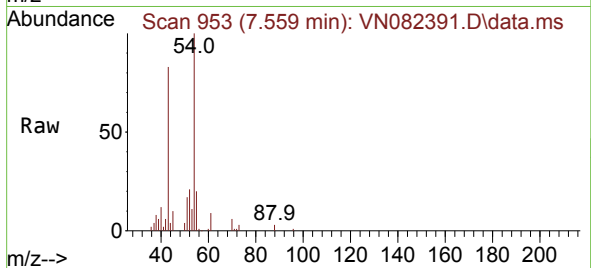
77 30.6 25.0 37.4



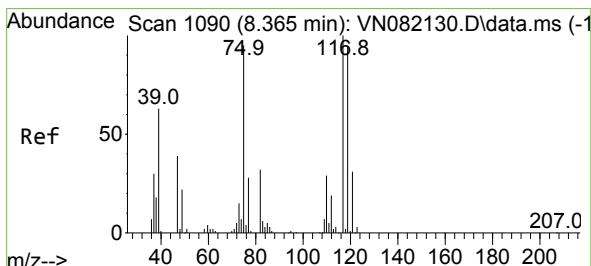
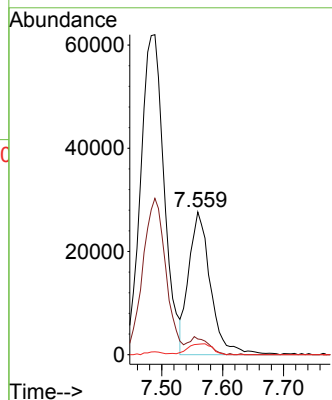
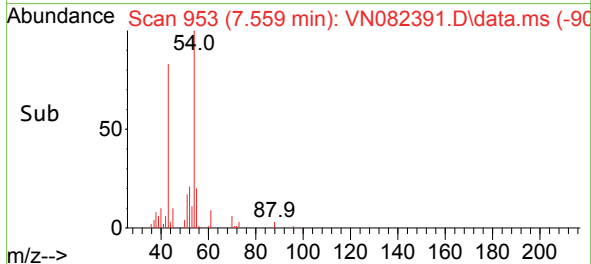


#37
Ethyl Acetate
Concen: 20.521 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

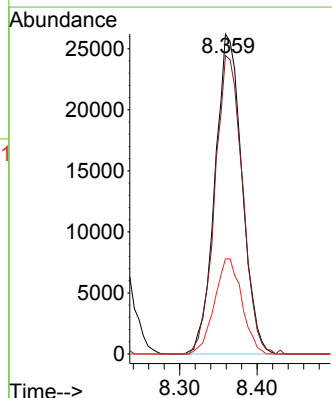
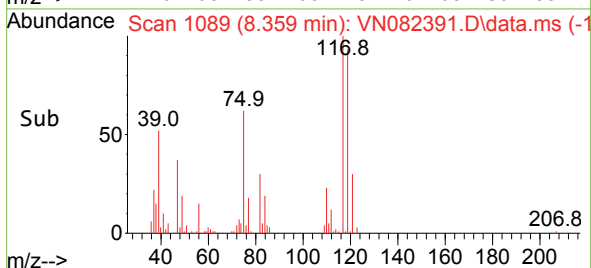
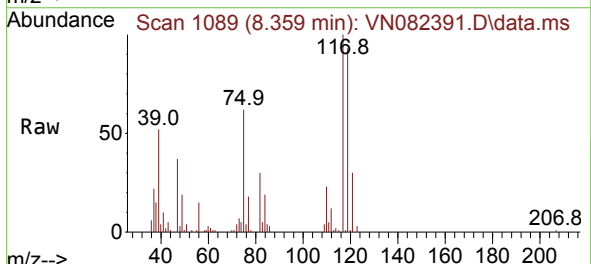


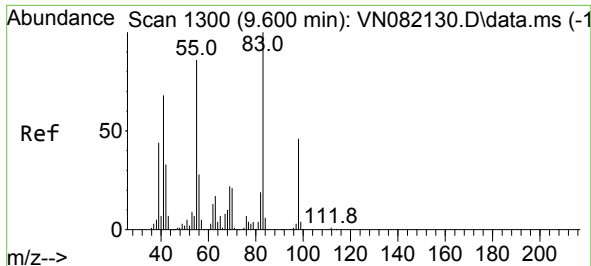
Tgt Ion: 43 Resp: 68726
Ion Ratio Lower Upper
43 100
61 11.4 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 20.877 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 117 Resp: 63332
Ion Ratio Lower Upper
117 100
119 93.3 76.5 114.7
121 29.7 23.9 35.9





#39

Methylcyclohexane

Concen: 17.636 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

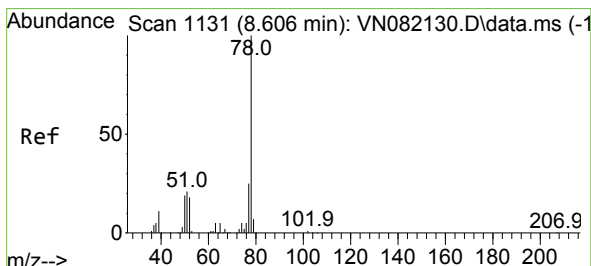
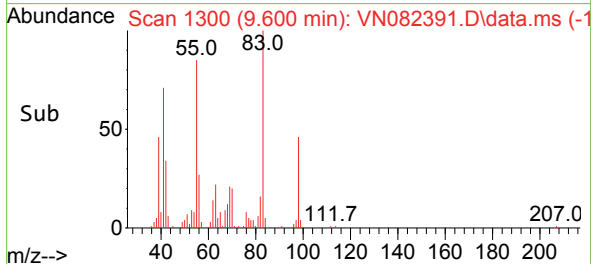
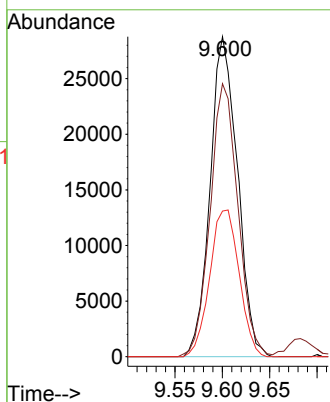
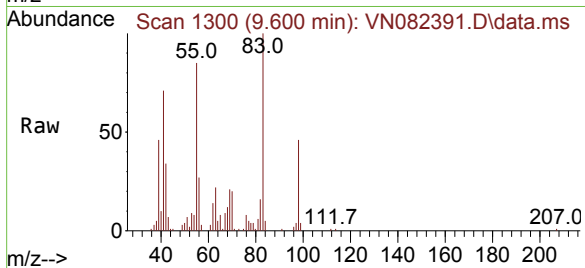
Tgt Ion: 83 Resp: 57849

Ion Ratio Lower Upper

83 100

55 85.3 53.0 79.6#

98 45.5 37.1 55.7



#40

Benzene

Concen: 19.924 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082391.D

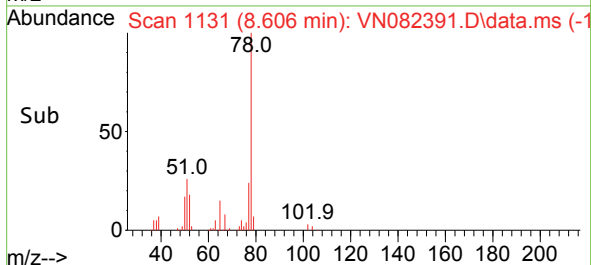
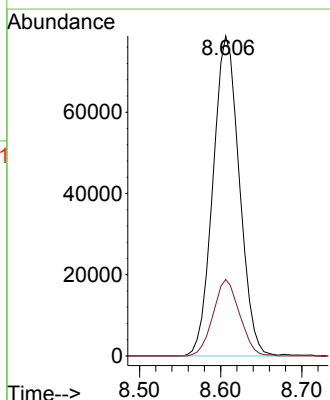
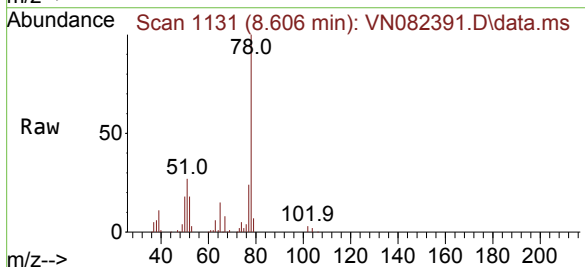
Acq: 30 May 2024 13:43

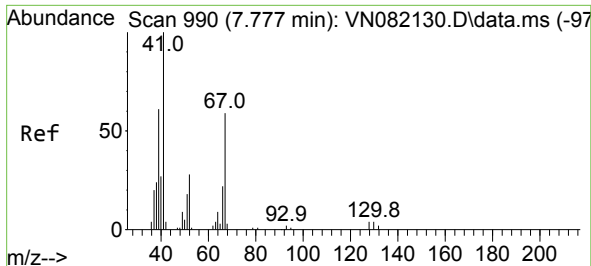
Tgt Ion: 78 Resp: 177800

Ion Ratio Lower Upper

78 100

77 23.9 20.0 30.0

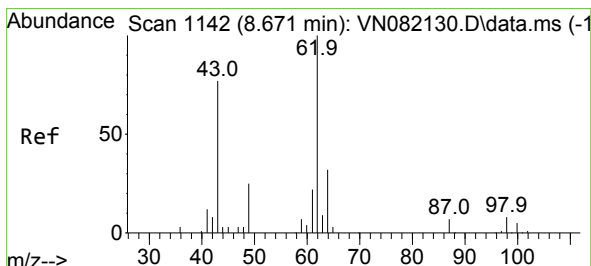
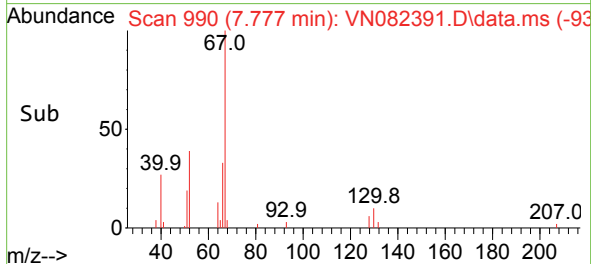
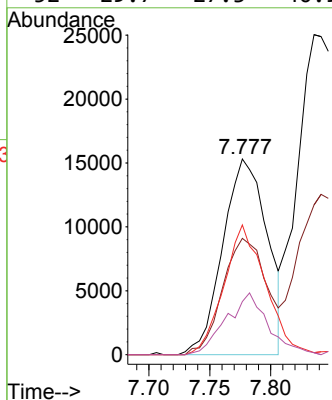
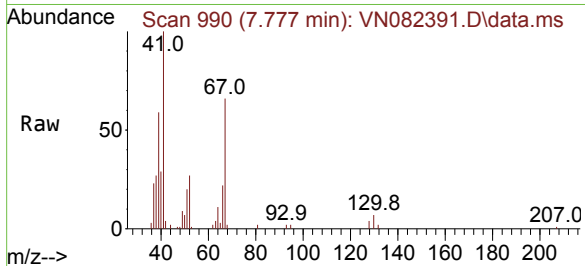




#41
Methacrylonitrile
Concen: 19.720 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

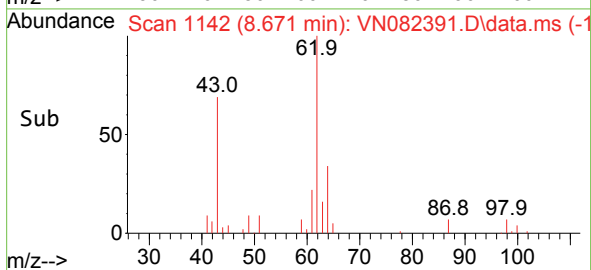
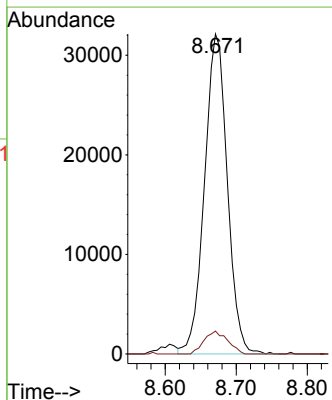
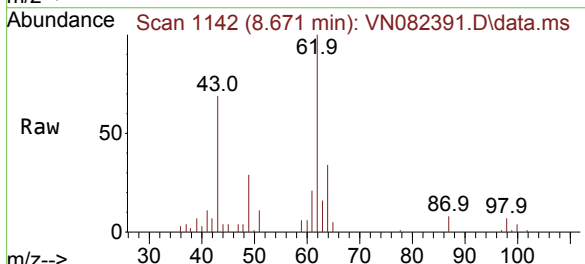
Instrument :
MSVOA_N
ClientSampleId :

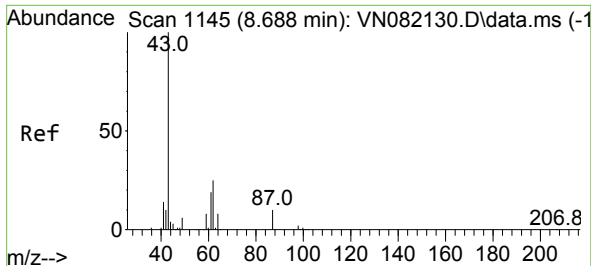
Tgt Ion: 41	Resp: 38840
Ion Ratio	Lower Upper
41 100	
39 59.0	46.6 69.8
67 62.7	67.3 100.9#
52 29.7	27.3 40.9



#42
1,2-Dichloroethane
Concen: 20.893 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

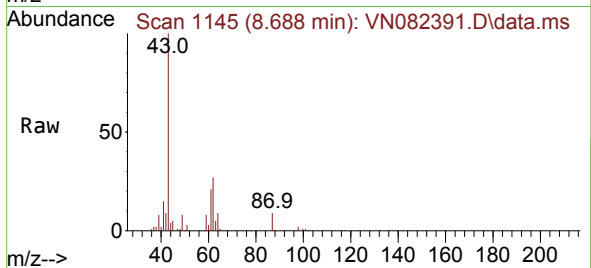
Tgt Ion: 62	Resp: 71706
Ion Ratio	Lower Upper
62 100	
98 7.4	0.0 19.6



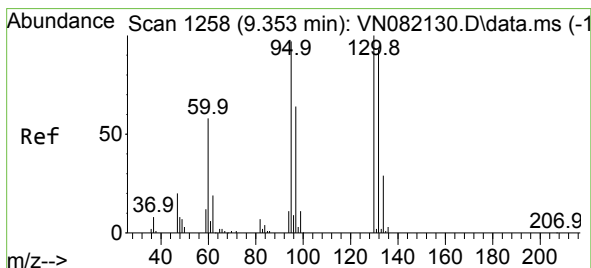
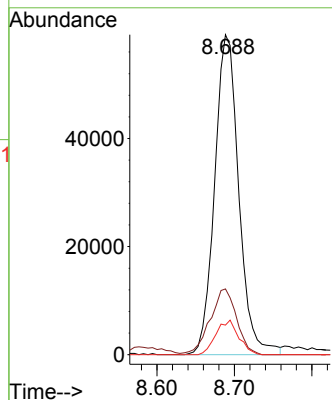
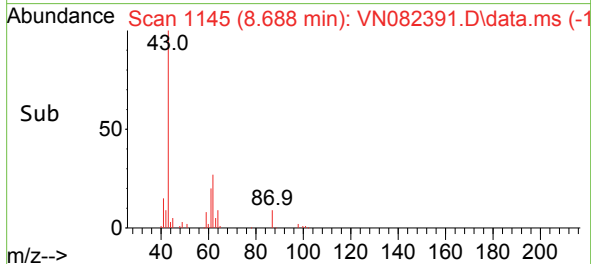


#43
Isopropyl Acetate
Concen: 21.598 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

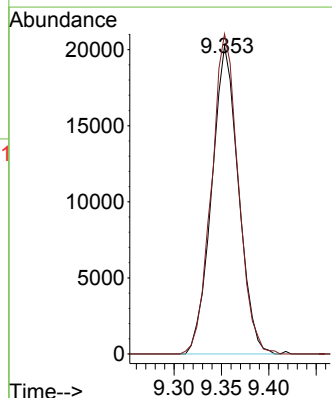
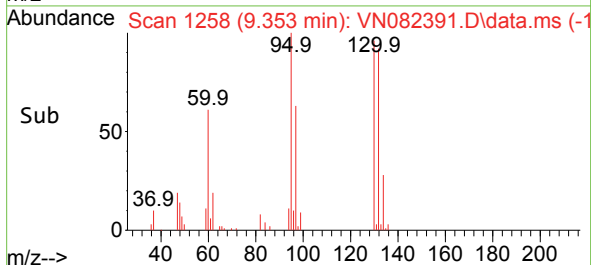
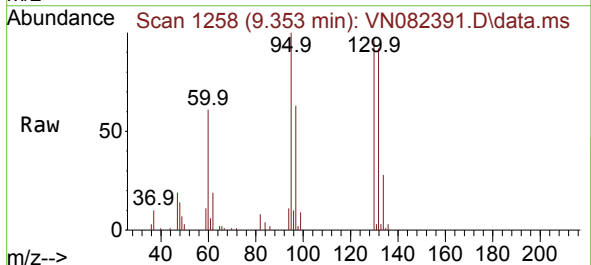


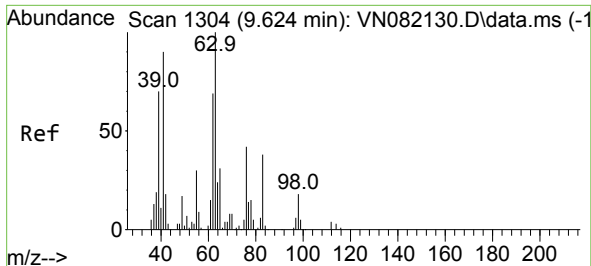
Tgt Ion: 43 Resp: 128167
Ion Ratio Lower Upper
43 100
61 22.5 22.8 34.2#
87 10.2 12.0 18.0#



#44
Trichloroethene
Concen: 19.638 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

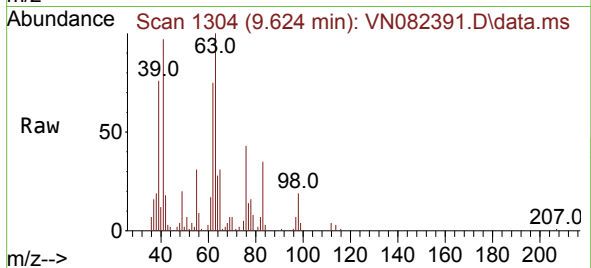
Tgt Ion:130 Resp: 39807
Ion Ratio Lower Upper
130 100
95 103.8 0.0 195.4



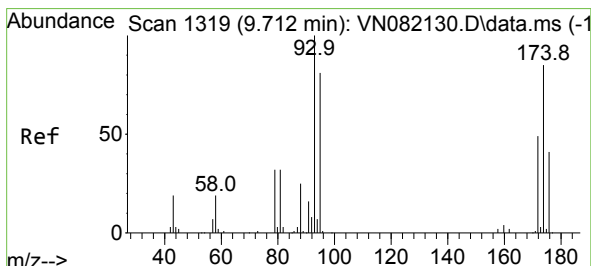
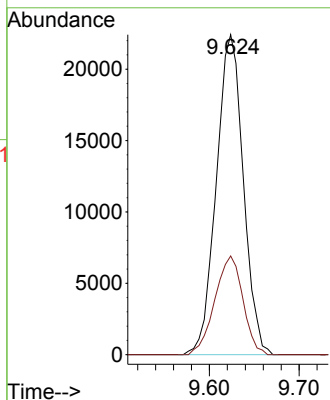
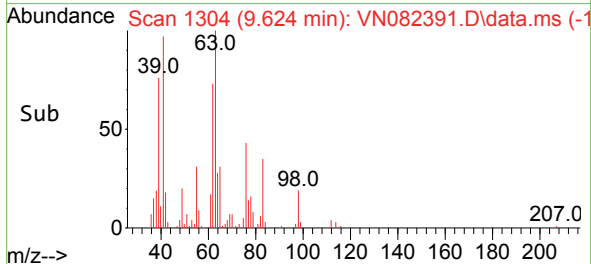


#45
1,2-Dichloropropane
Concen: 20.319 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

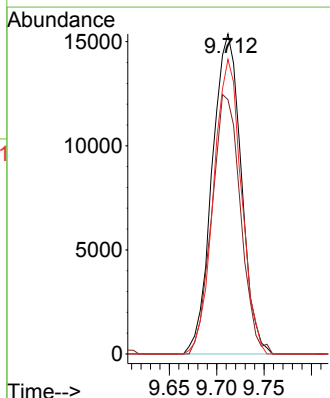
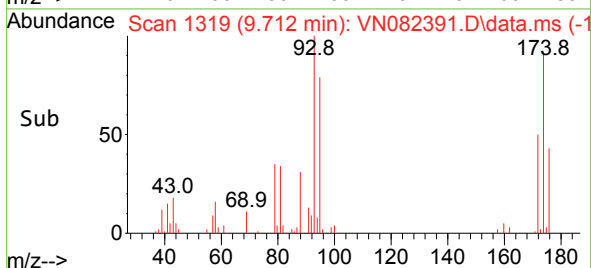
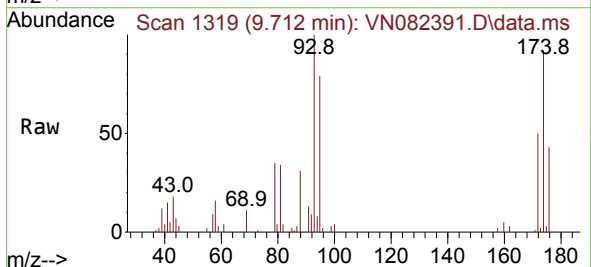


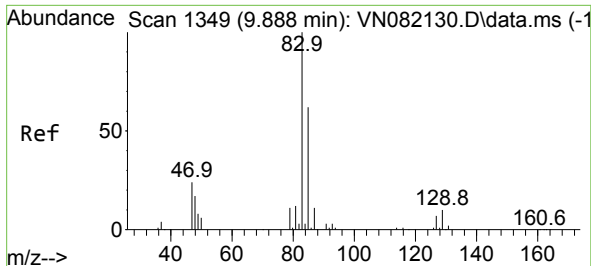
Tgt Ion: 63 Resp: 46783
Ion Ratio Lower Upper
63 100
65 30.9 24.1 36.1



#46
Dibromomethane
Concen: 21.733 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 93 Resp: 32852
Ion Ratio Lower Upper
93 100
95 79.7 64.8 97.2
174 88.0 73.4 110.0

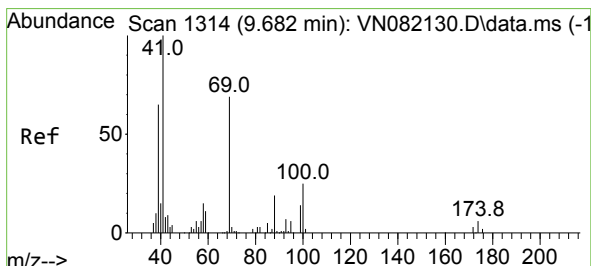
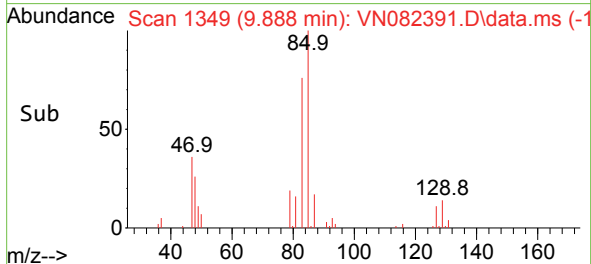
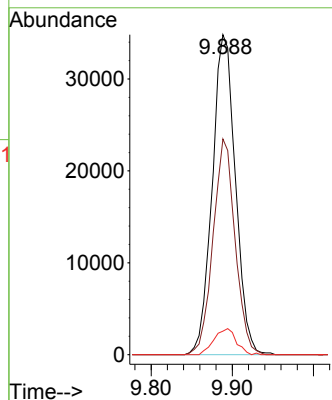
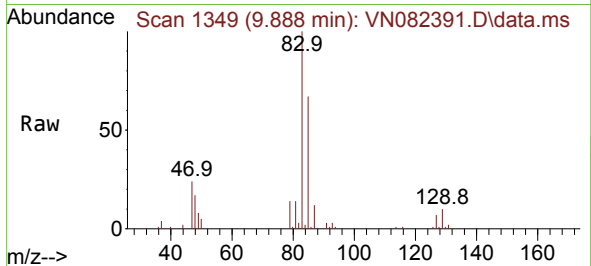




#47
Bromodichloromethane
Concen: 21.647 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

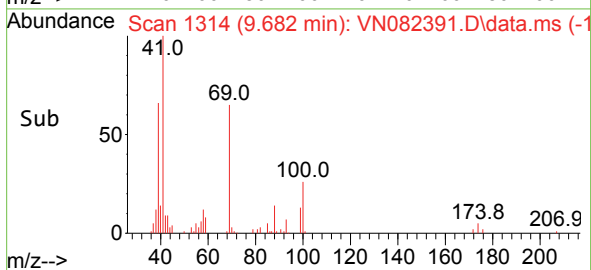
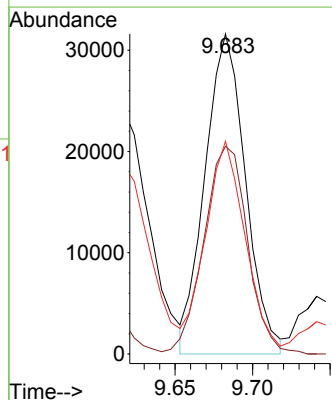
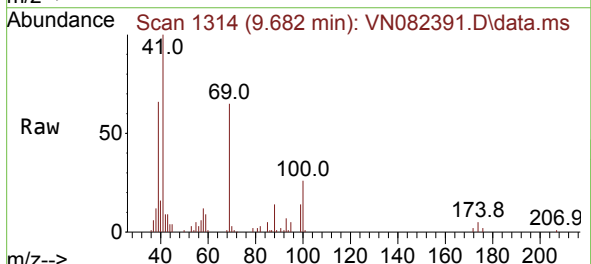
Instrument :
MSVOA_N
ClientSampleId :

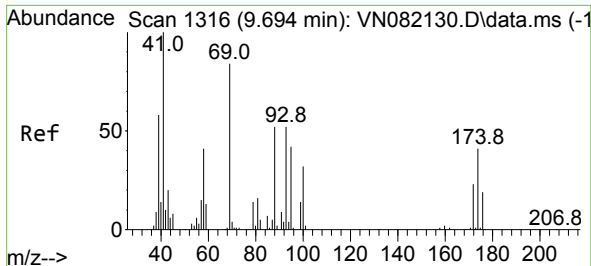
Tgt Ion: 83 Resp: 69078
Ion Ratio Lower Upper
83 100
85 67.4 51.9 77.9
127 7.3 7.5 11.3#



#48
Methyl methacrylate
Concen: 20.301 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 41 Resp: 57405
Ion Ratio Lower Upper
41 100
69 70.1 77.9 116.9#
39 66.1 50.9 76.3





#49

1,4-Dioxane

Concen: 439.314 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

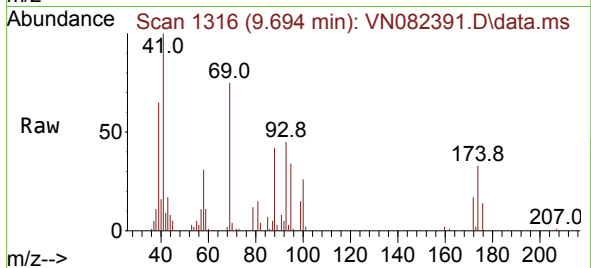
Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :



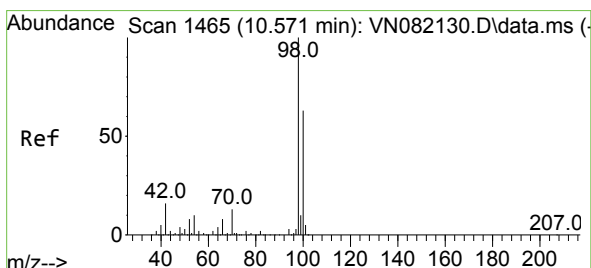
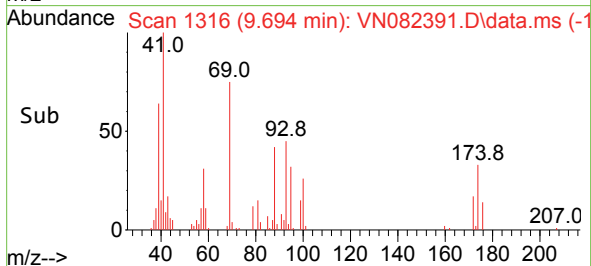
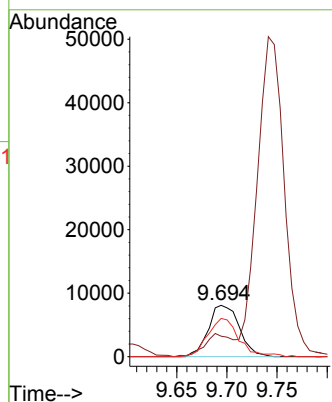
Tgt Ion: 88 Resp: 17407

Ion Ratio Lower Upper

88 100

43 38.0 19.0 28.6#

58 75.2 50.6 76.0



#50

Toluene-d8

Concen: 48.245 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082391.D

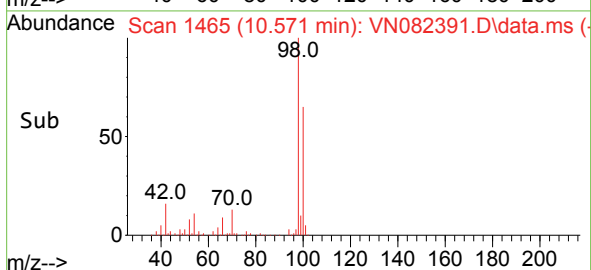
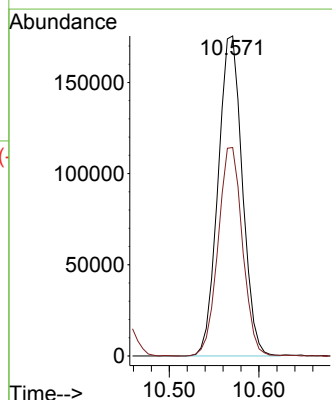
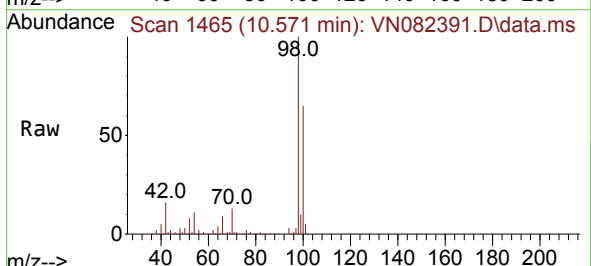
Acq: 30 May 2024 13:43

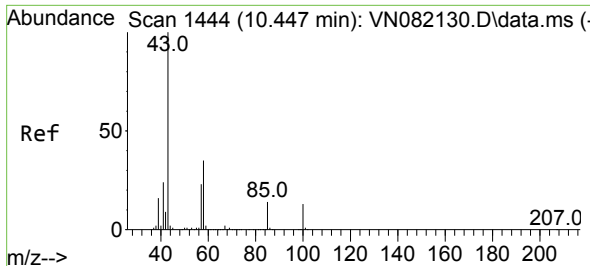
Tgt Ion: 98 Resp: 330036

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

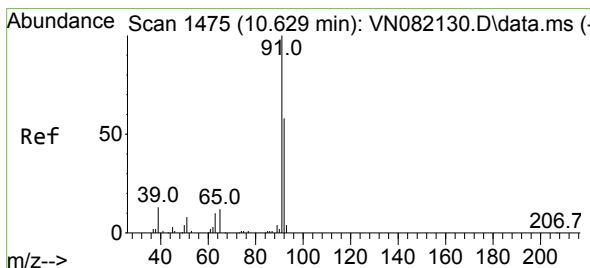
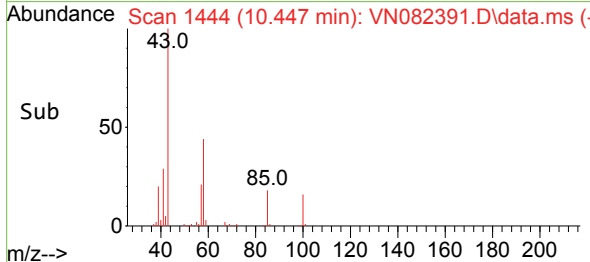
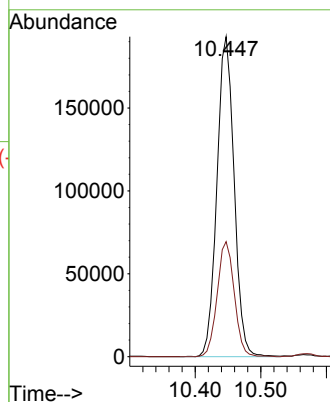
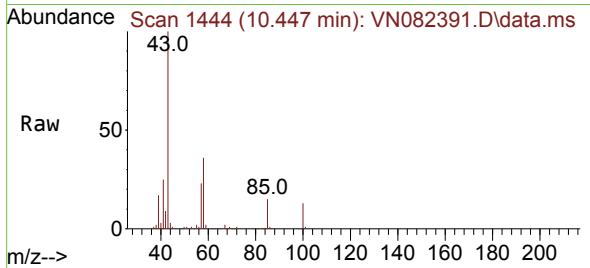




#51
4-Methyl-2-Pentanone
Concen: 103.938 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

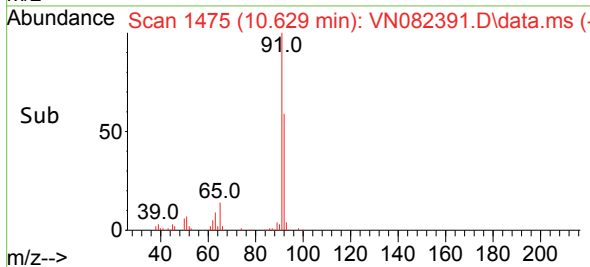
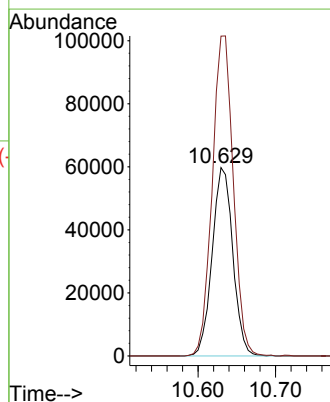
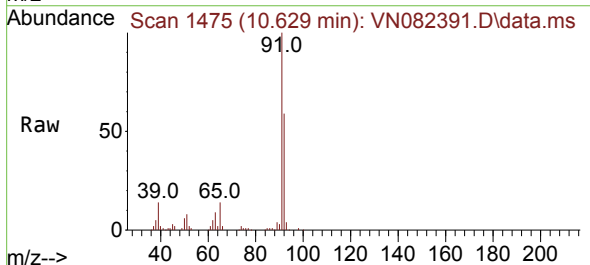
Instrument :
MSVOA_N
ClientSampleId :

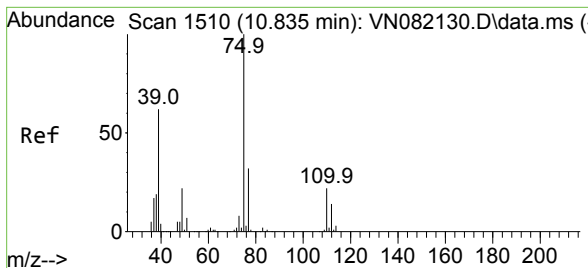
Tgt Ion: 43 Resp: 350440
Ion Ratio Lower Upper
43 100
58 35.8 33.2 49.8



#52
Toluene
Concen: 20.653 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 92 Resp: 110599
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1

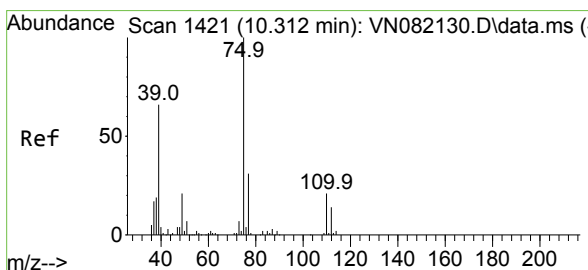
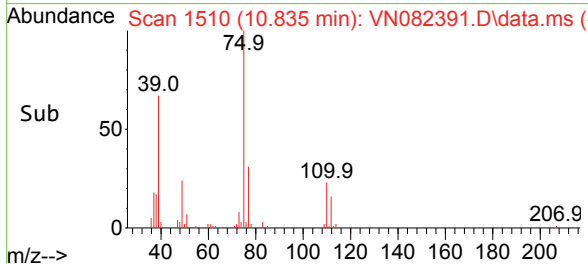
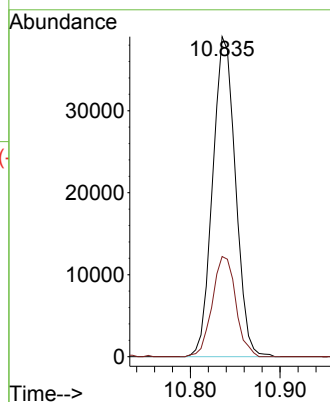
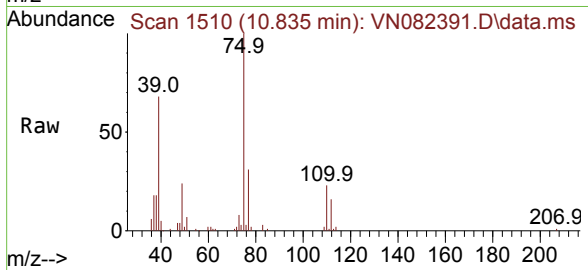




#53
 t-1,3-Dichloropropene
 Concen: 20.871 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

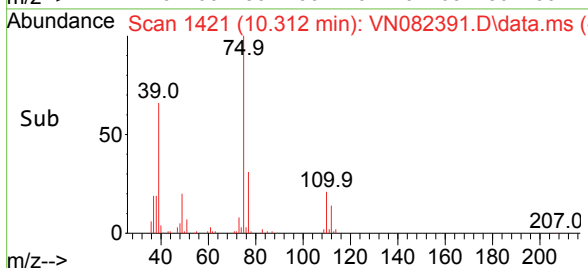
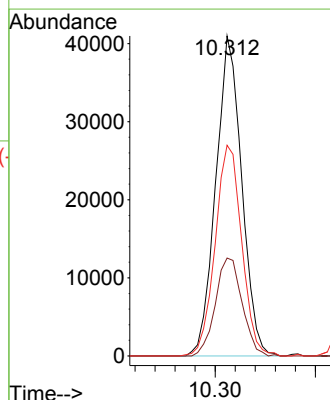
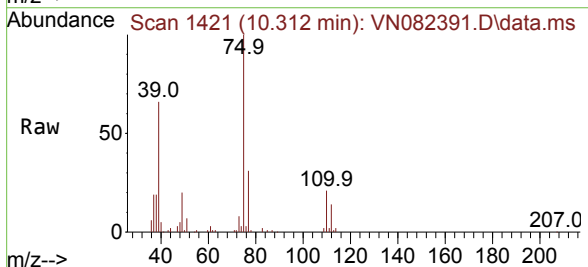
Instrument :
 MSVOA_N
 ClientSampleId :

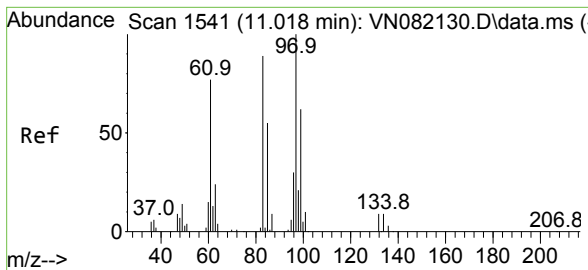
Tgt Ion: 75 Resp: 68882
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.030 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

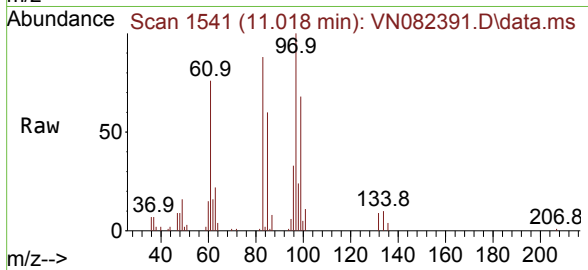
Tgt Ion: 75 Resp: 73469
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4
 39 65.8 34.8 52.2#



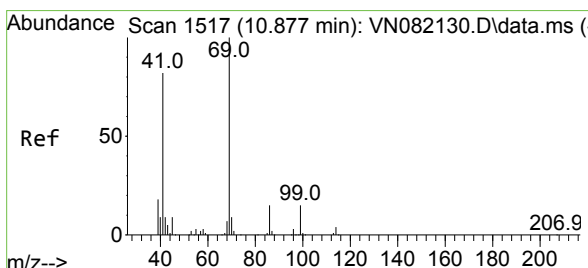
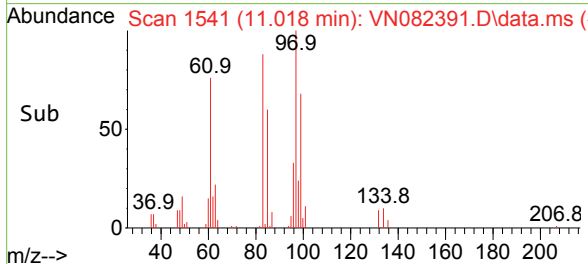
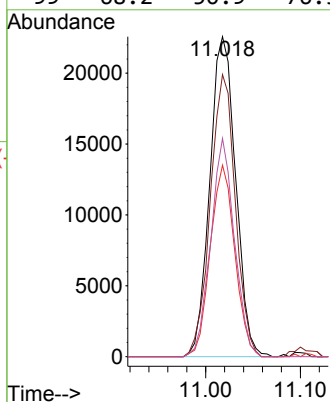


#55
1,1,2-Trichloroethane
Concen: 21.976 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

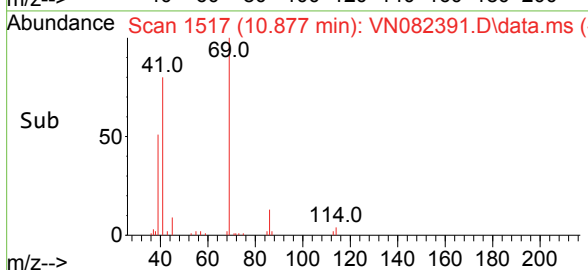
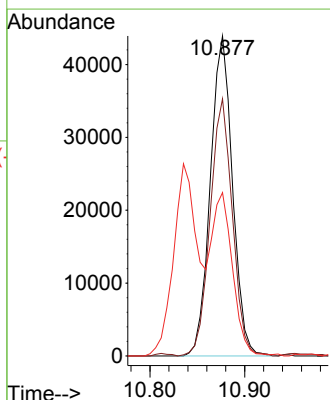
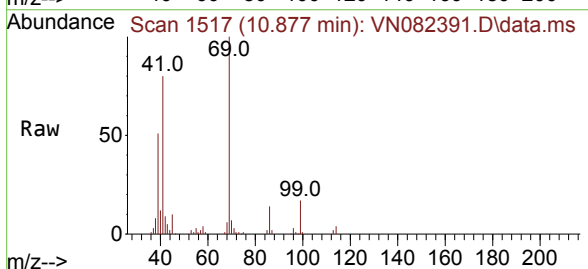


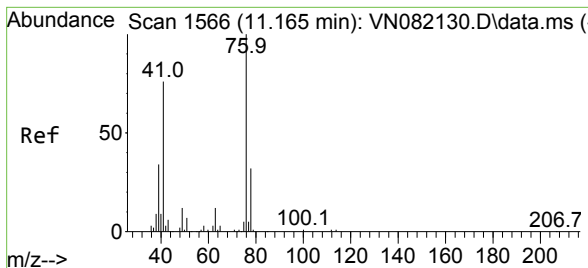
Tgt Ion: 97	Resp: 42768
Ion Ratio	Lower Upper
97 100	
83 88.2	70.4 105.6
85 59.8	45.6 68.4
99 68.2	50.9 76.3



#56
Ethyl methacrylate
Concen: 21.563 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 69	Resp: 71247
Ion Ratio	Lower Upper
69 100	
41 80.8	46.6 70.0#
39 48.0	26.5 39.7#





#57

1,3-Dichloropropane

Concen: 21.065 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

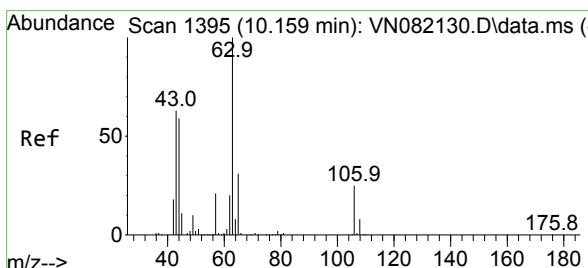
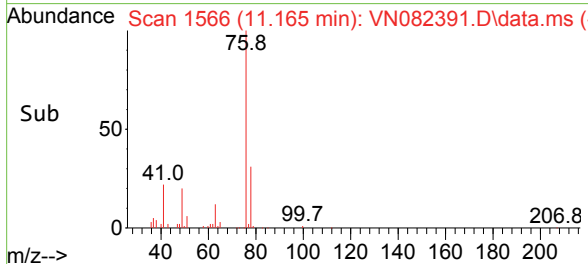
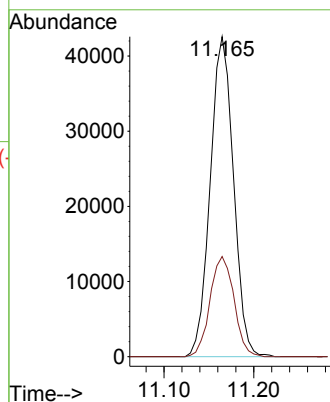
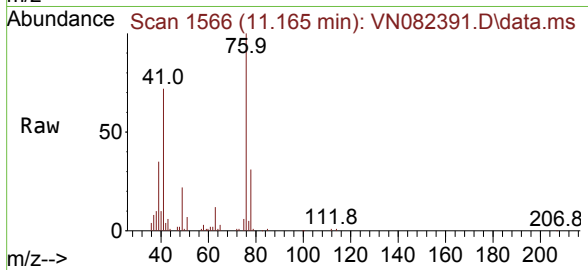
ClientSampleId :

Tgt Ion: 76 Resp: 76651

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 110.927 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082391.D

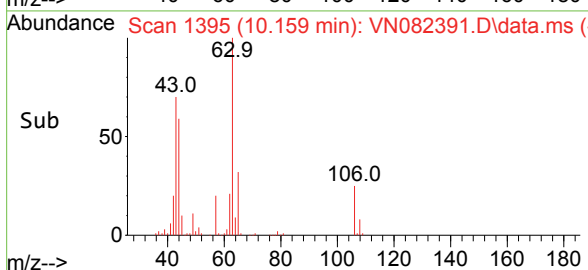
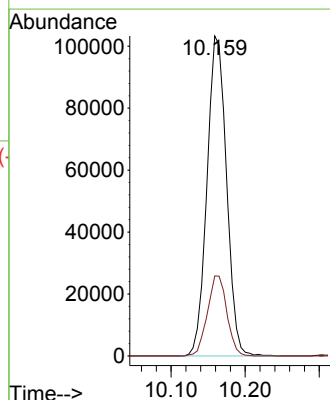
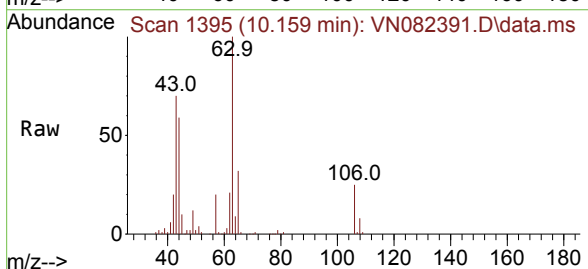
Acq: 30 May 2024 13:43

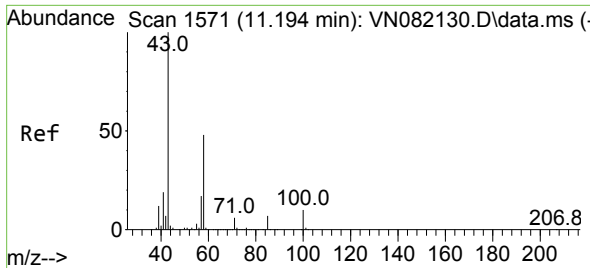
Tgt Ion: 63 Resp: 189048

Ion Ratio Lower Upper

63 100

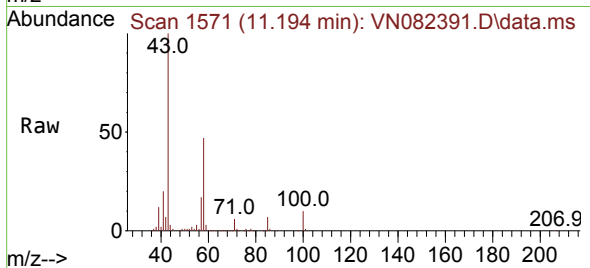
106 24.9 24.6 36.8



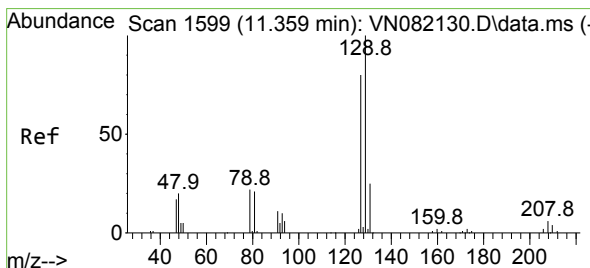
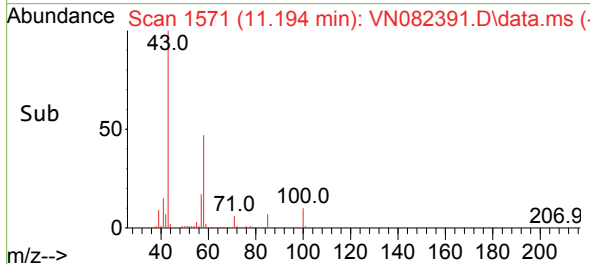
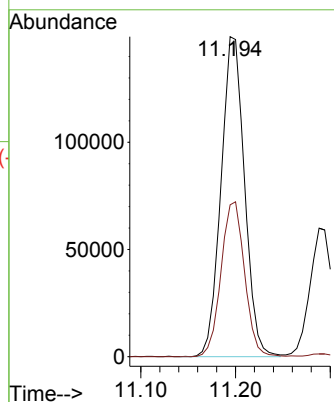


#59
2-Hexanone
Concen: 104.534 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

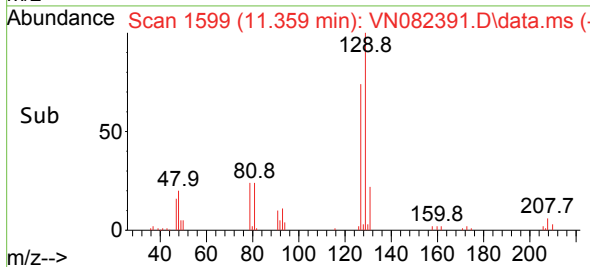
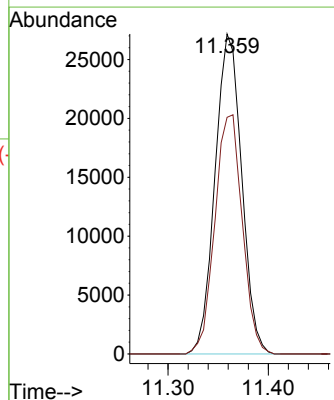
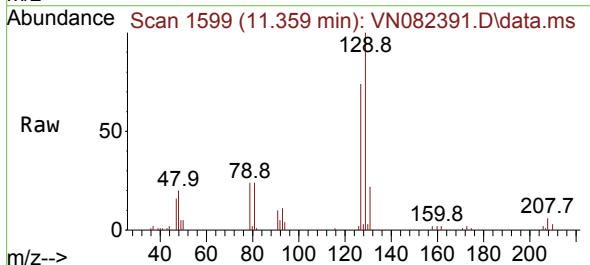


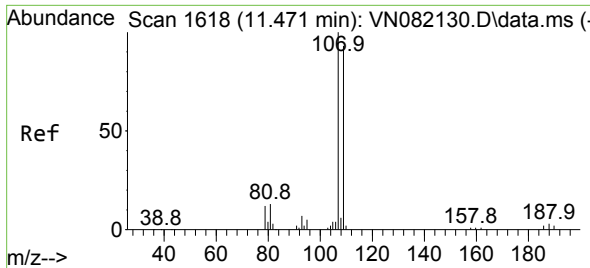
Tgt Ion: 43 Resp: 258066
Ion Ratio Lower Upper
43 100
58 48.4 28.3 84.9



#60
Dibromochloromethane
Concen: 23.390 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 129 Resp: 50234
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8

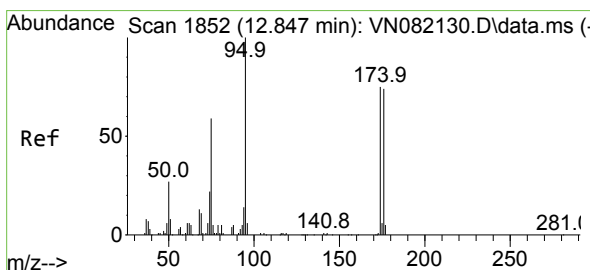
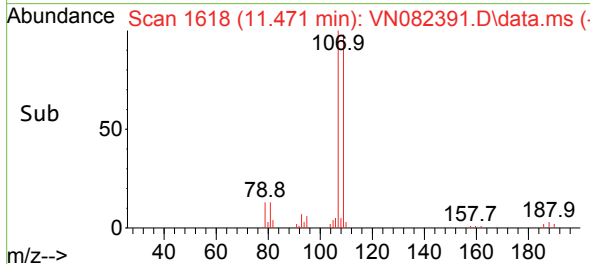
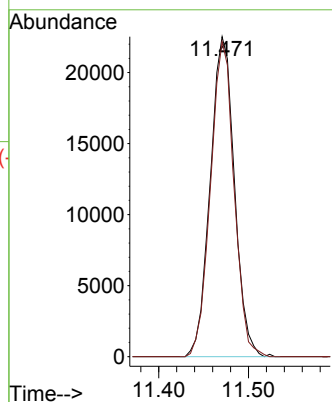
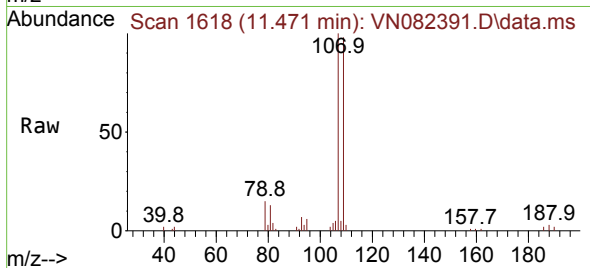




#61
1,2-Dibromoethane
Concen: 21.086 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

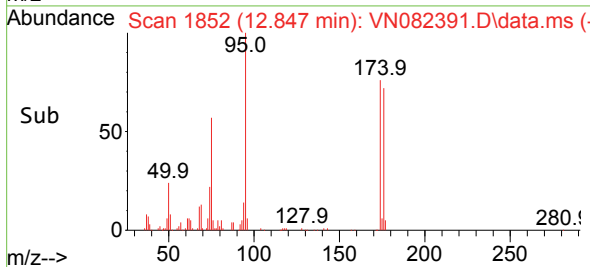
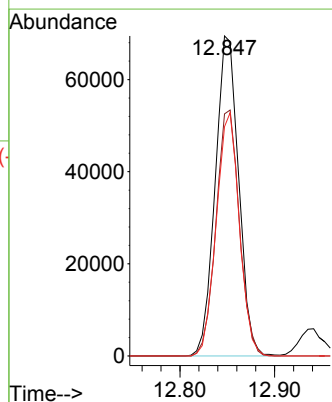
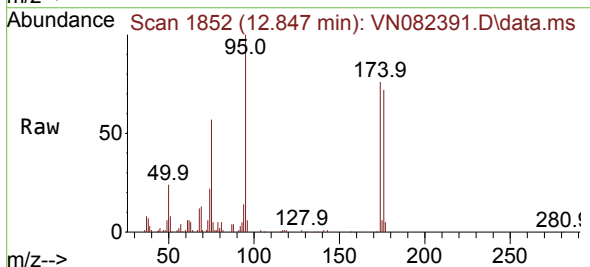
Instrument :
MSVOA_N
ClientSampleId :

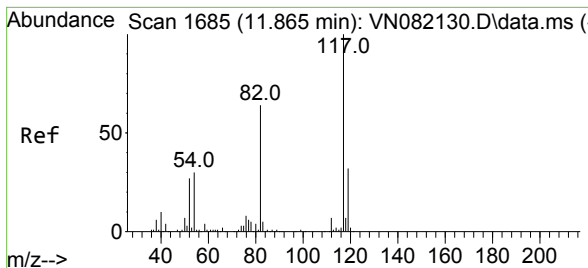
Tgt Ion:107 Resp: 42149
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.892 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 95 Resp: 119377
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 74.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

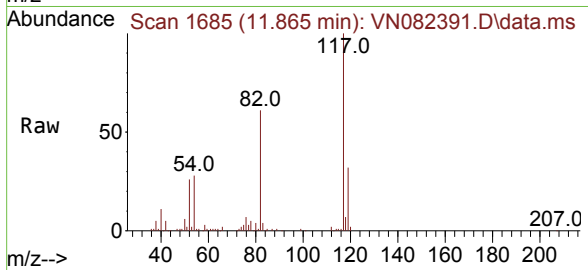
Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :



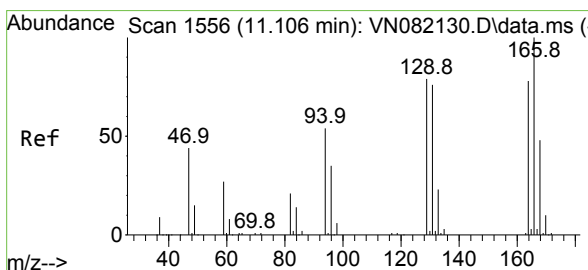
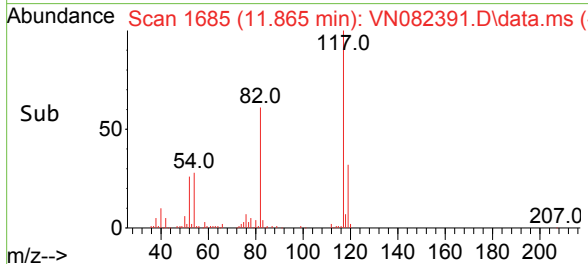
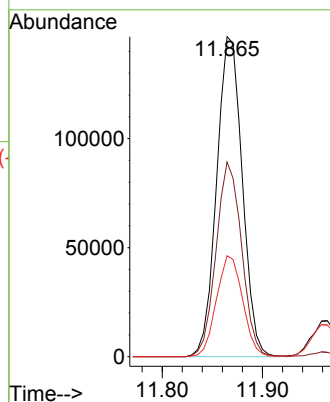
Tgt Ion:117 Resp: 260463

Ion Ratio Lower Upper

117 100

82 60.9 44.6 66.8

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 20.402 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Tgt Ion:164 Resp: 39387

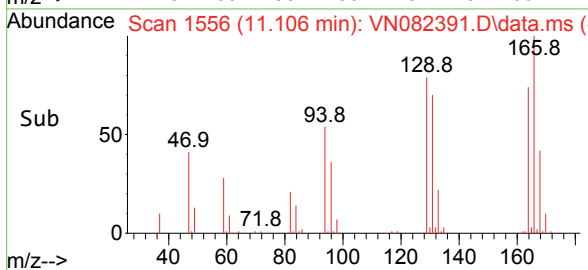
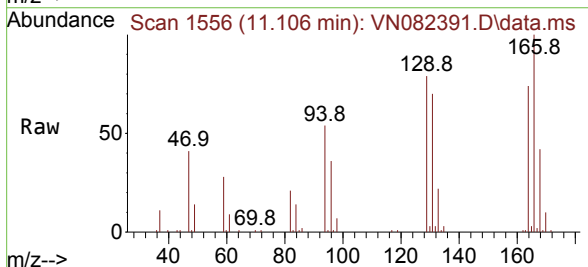
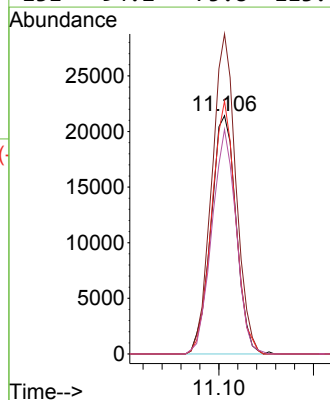
Ion Ratio Lower Upper

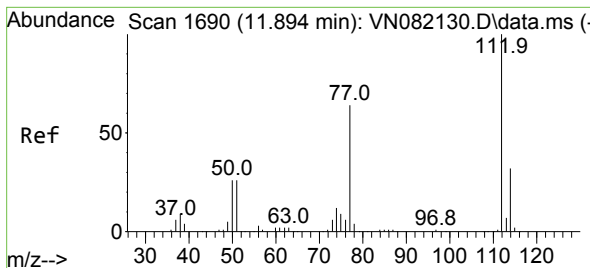
164 100

166 134.3 97.6 146.4

129 106.2 73.7 110.5

131 94.2 75.8 113.6





#65

Chlorobenzene

Concen: 20.371 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

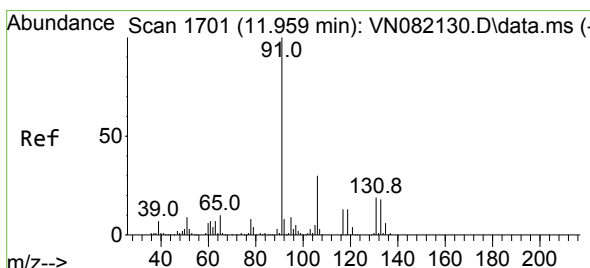
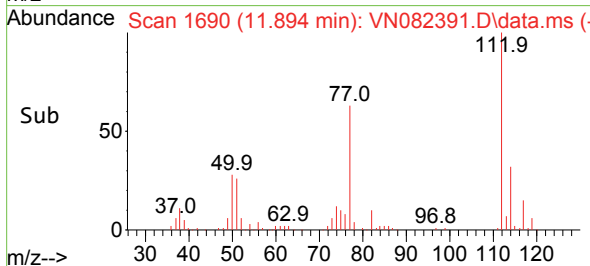
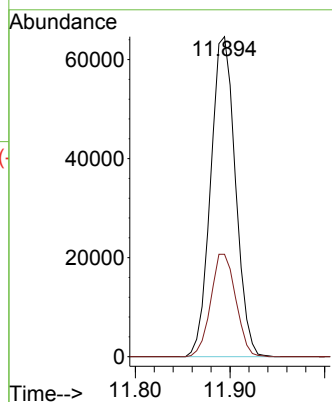
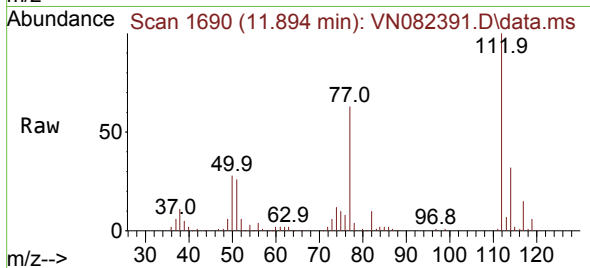
ClientSampleId :

Tgt Ion:112 Resp: 117212

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 22.313 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

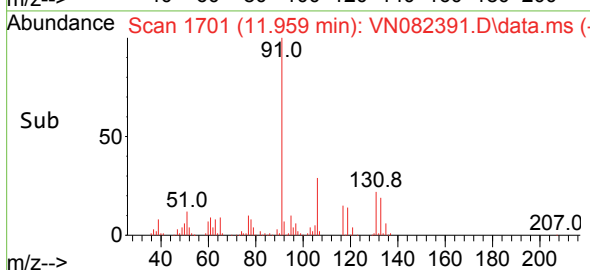
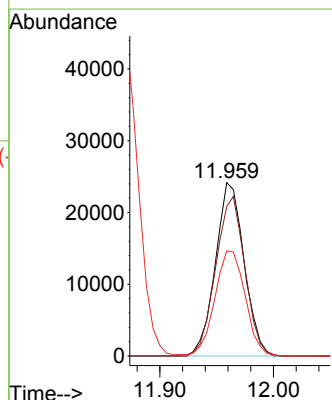
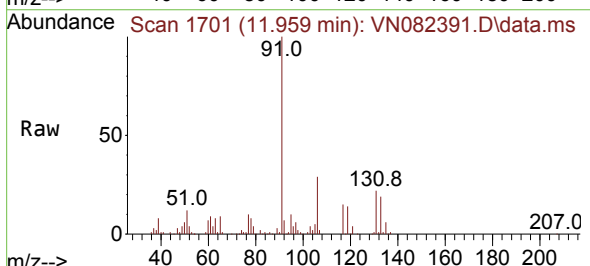
Tgt Ion:131 Resp: 42291

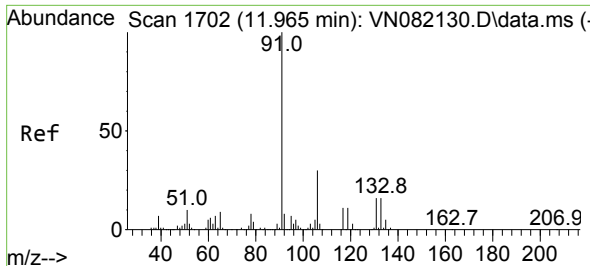
Ion Ratio Lower Upper

131 100

133 93.5 47.5 142.6

119 64.2 32.9 98.7

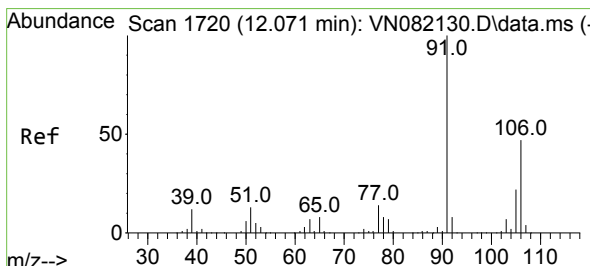
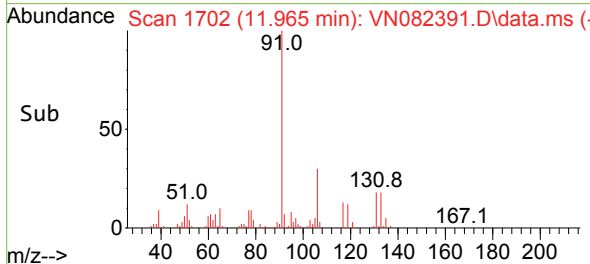
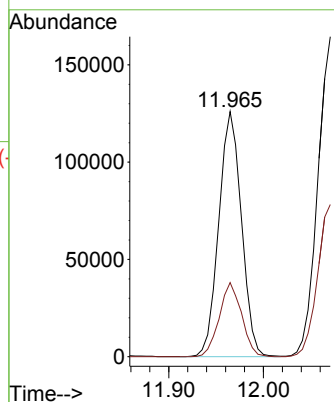
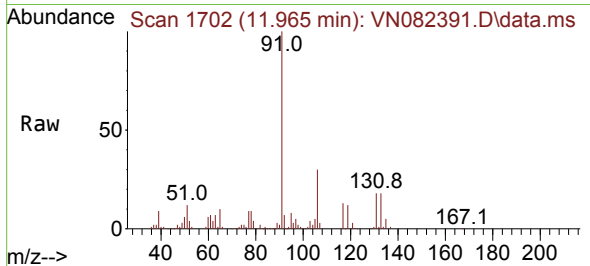




#67
Ethyl Benzene
Concen: 20.349 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

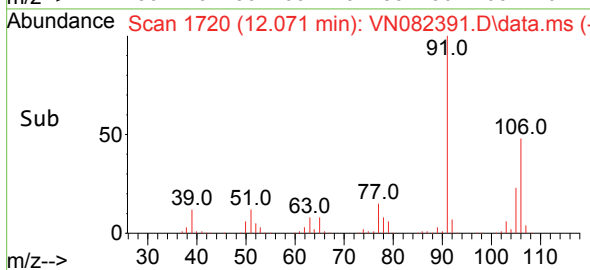
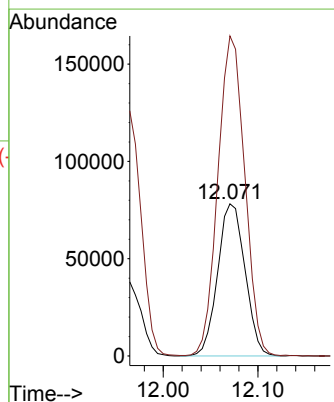
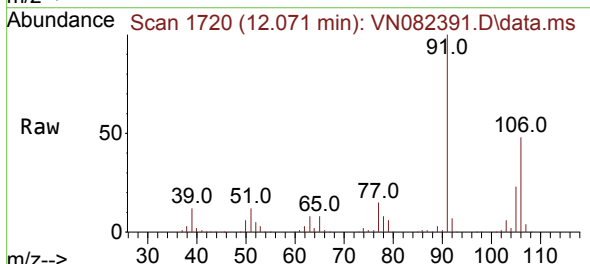
Instrument :
MSVOA_N
ClientSampleId :

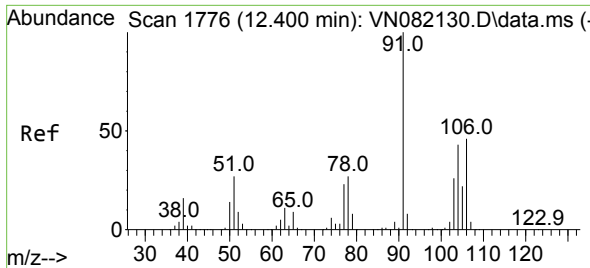
Tgt Ion: 91 Resp: 209456
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 41.589 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion:106 Resp: 156895
Ion Ratio Lower Upper
106 100
91 207.3 159.4 239.0

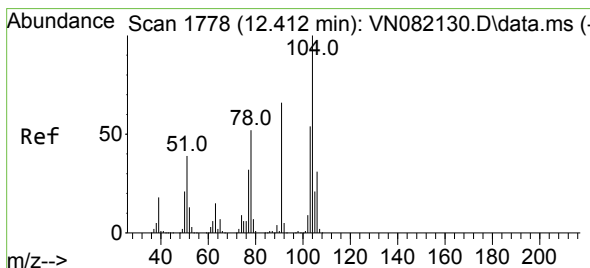
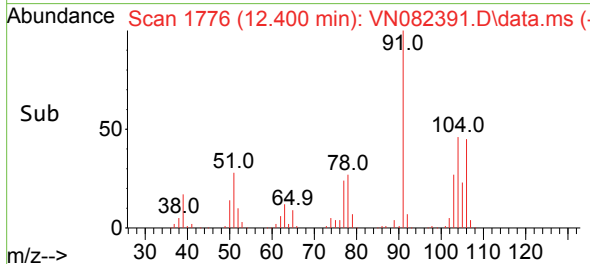
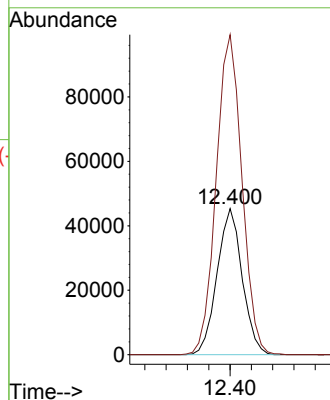
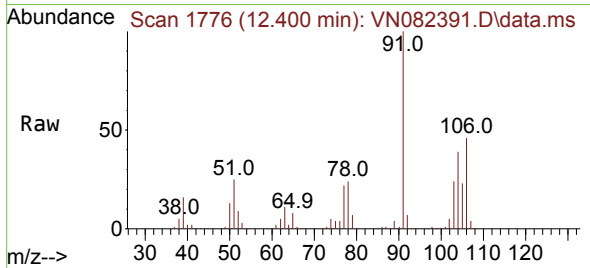




#69
o-Xylene
Concen: 20.300 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

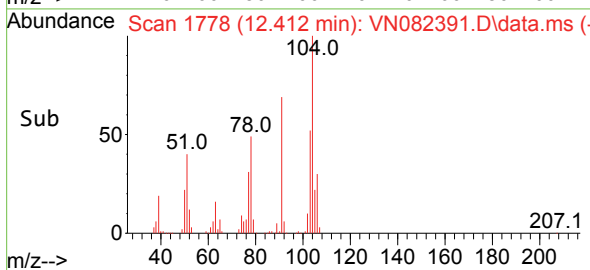
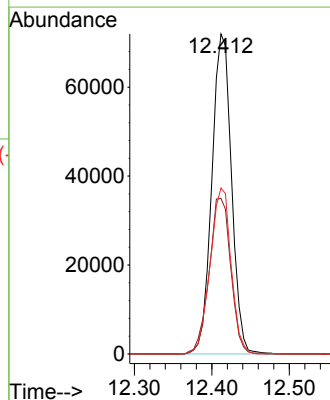
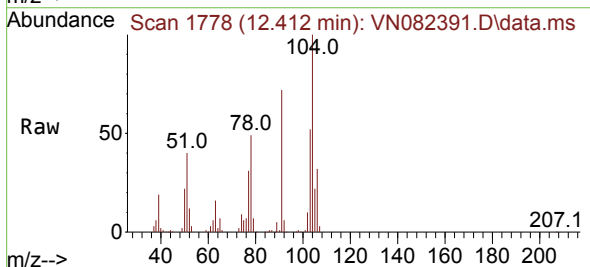
Instrument :
MSVOA_N
ClientSampleId :

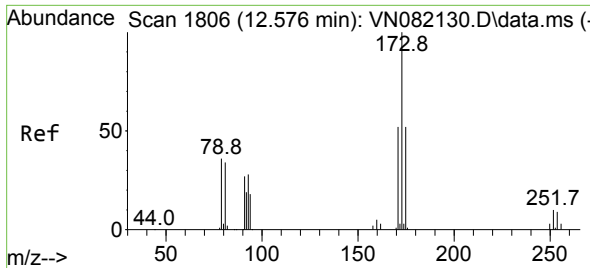
Tgt Ion:106 Resp: 74182
Ion Ratio Lower Upper
106 100
91 224.5 104.7 314.1



#70
Styrene
Concen: 20.932 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

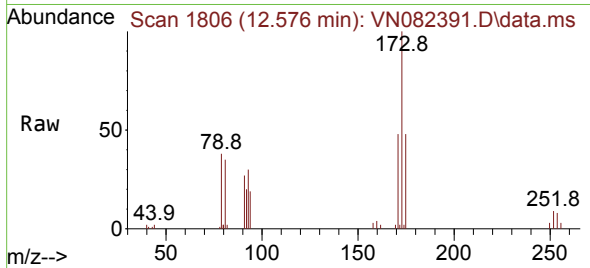
Tgt Ion:104 Resp: 127054
Ion Ratio Lower Upper
104 100
78 53.5 38.6 58.0
103 55.0 43.8 65.6



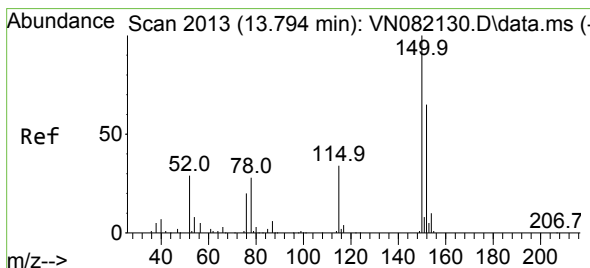
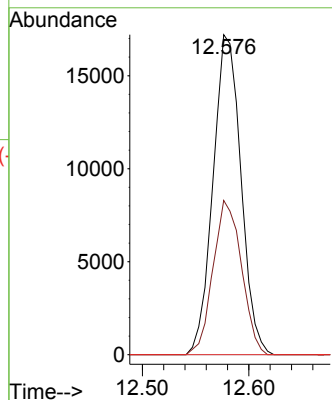
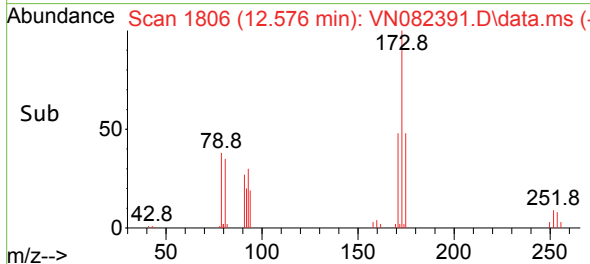


#71
Bromoform
Concen: 21.183 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

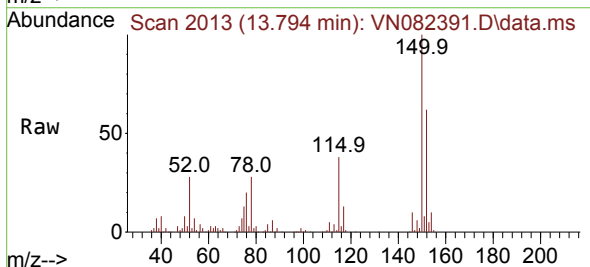
Instrument :
MSVOA_N
ClientSampleId :



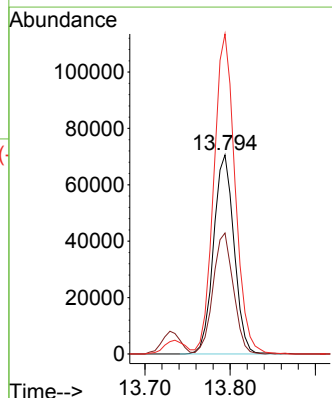
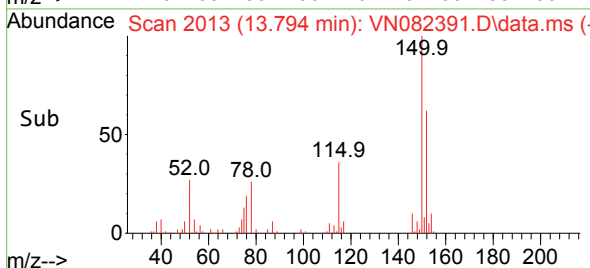
Tgt Ion:173 Resp: 31315
Ion Ratio Lower Upper
173 100
175 49.1 24.6 74.0
254 0.0 0.0 0.0

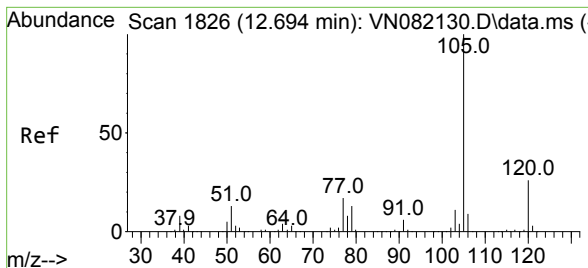


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43



Tgt Ion:152 Resp: 118160
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 166.7 0.0 353.2





#73

Isopropylbenzene

Concen: 20.753 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

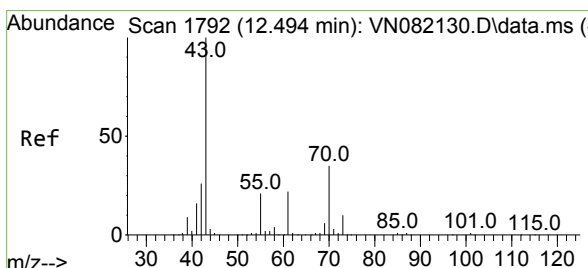
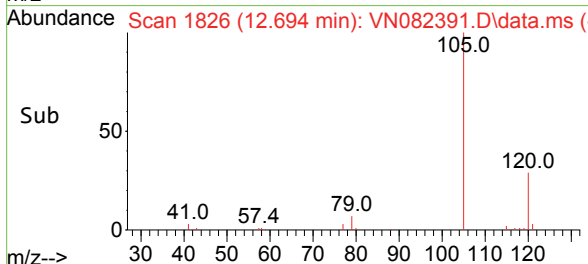
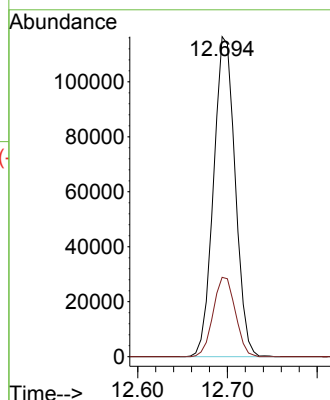
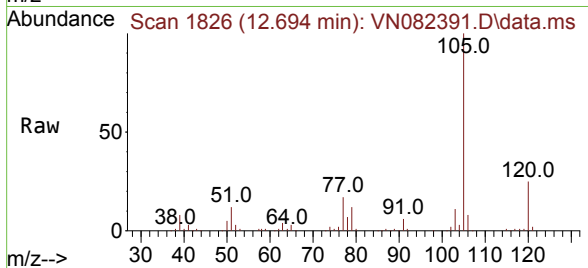
ClientSampleId :

Tgt Ion:105 Resp: 194816

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 19.875 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Tgt Ion: 43 Resp: 102624

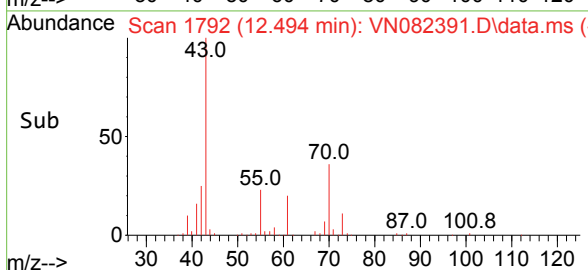
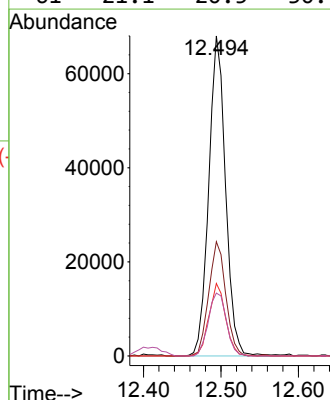
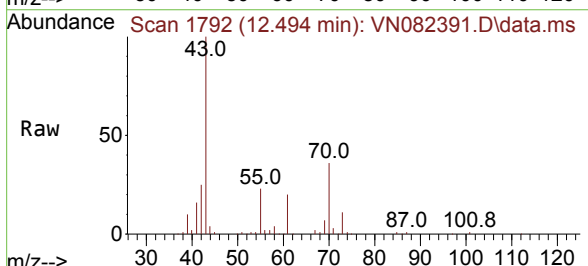
Ion Ratio Lower Upper

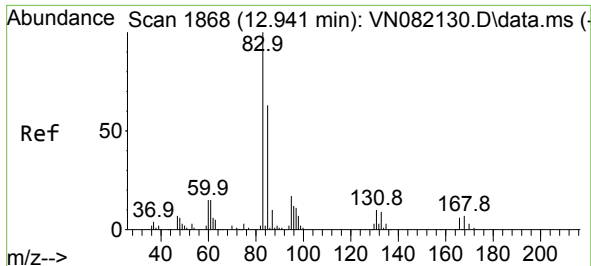
43 100

70 36.2 39.0 58.4#

55 22.3 21.3 31.9

61 21.1 20.5 30.7

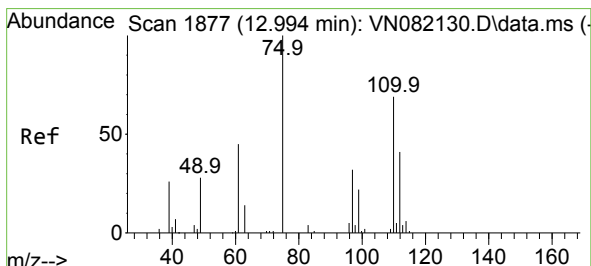
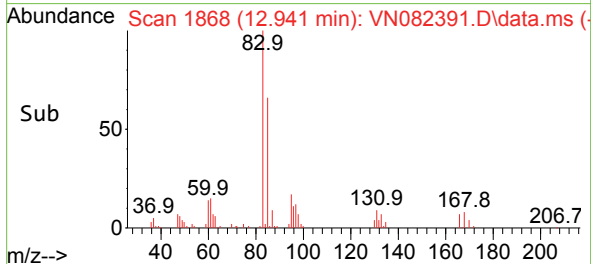
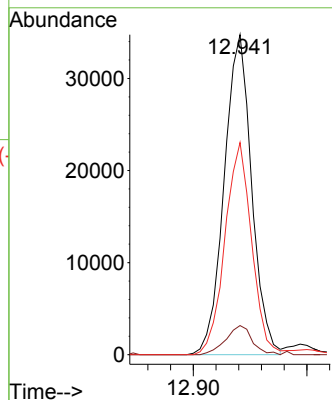
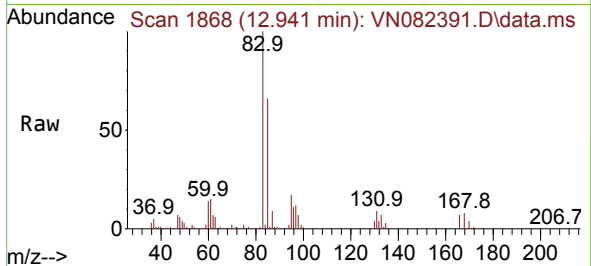




#75
1,1,2,2-Tetrachloroethane
Concen: 21.556 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

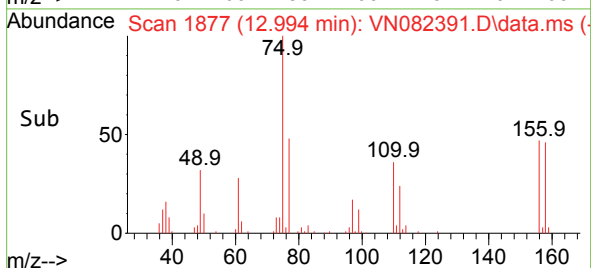
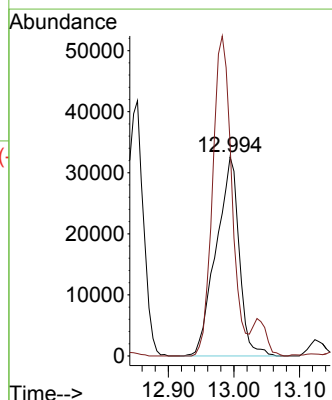
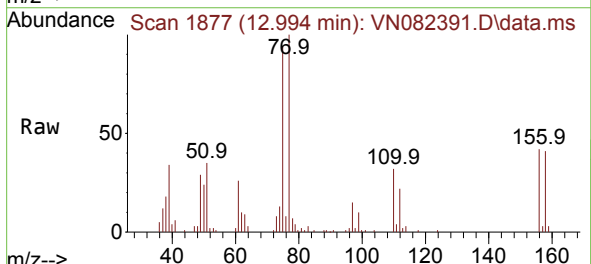
Instrument :
MSVOA_N
ClientSampleId :

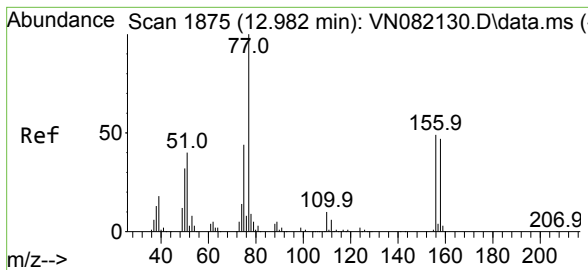
Tgt Ion: 83 Resp: 58330
Ion Ratio Lower Upper
83 100
131 8.7 5.5 16.4
85 64.5 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 32.028 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 75 Resp: 79654
Ion Ratio Lower Upper
75 100
77 133.6 90.5 271.3

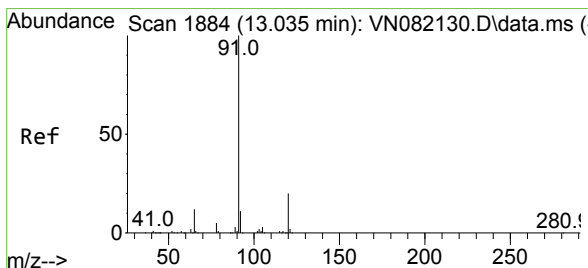
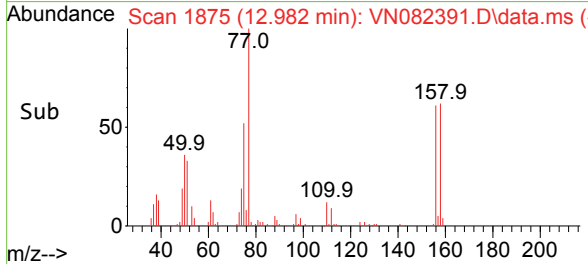
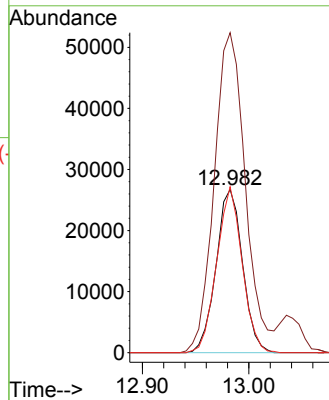
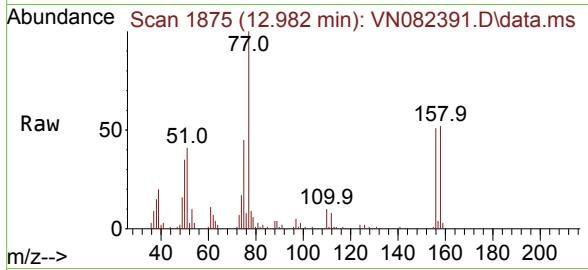




#77
Bromobenzene
Concen: 20.601 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

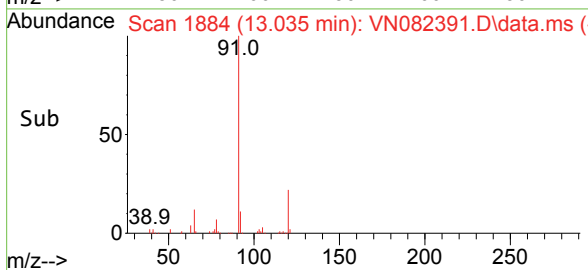
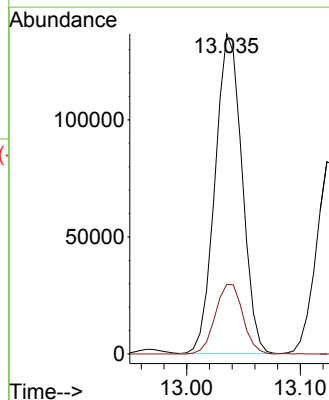
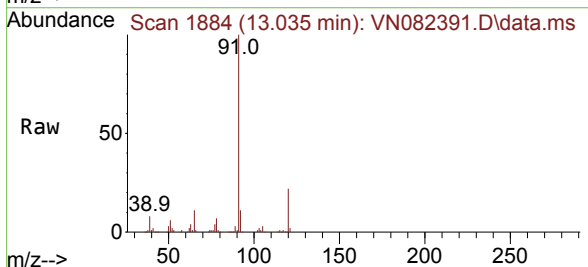
Instrument :
MSVOA_N
ClientSampleId :

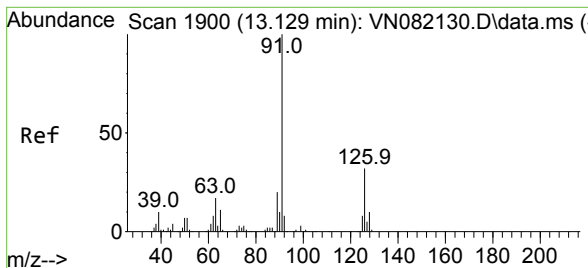
Tgt Ion:156 Resp: 46085
Ion Ratio Lower Upper
156 100
77 230.9 100.2 300.6
158 97.5 49.1 147.3



#78
n-propylbenzene
Concen: 20.238 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 91 Resp: 224967
Ion Ratio Lower Upper
91 100
120 22.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 20.284 ug/l

RT: 13.123 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

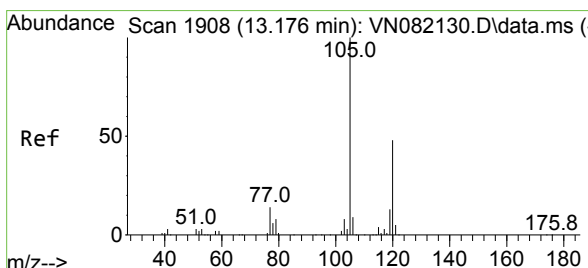
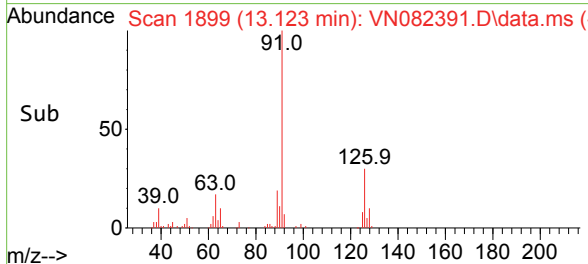
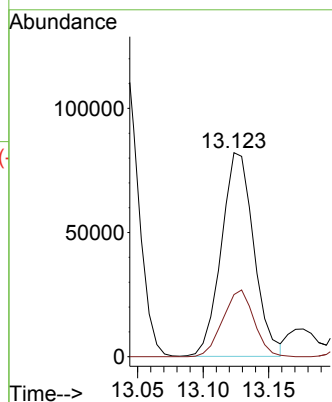
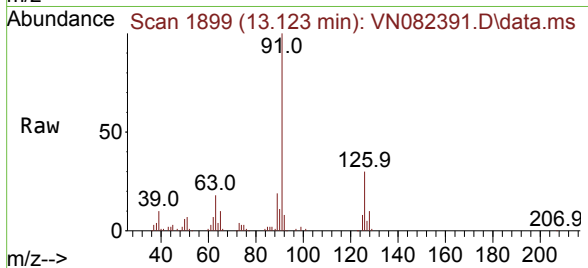
ClientSampleId :

Tgt Ion: 91 Resp: 141588

Ion Ratio Lower Upper

91 100

126 31.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.876 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082391.D

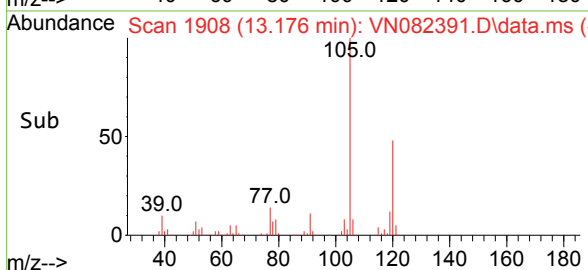
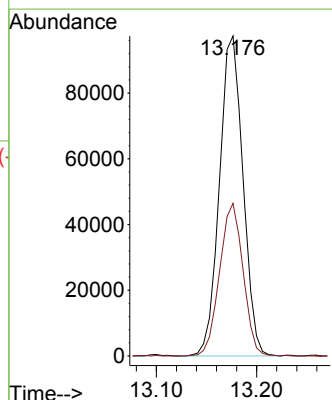
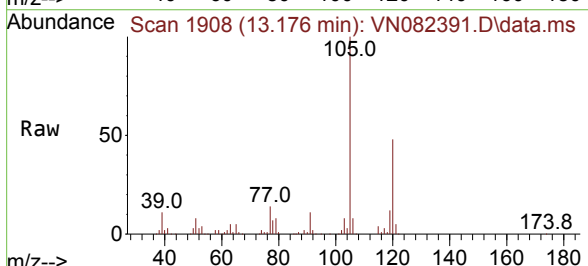
Acq: 30 May 2024 13:43

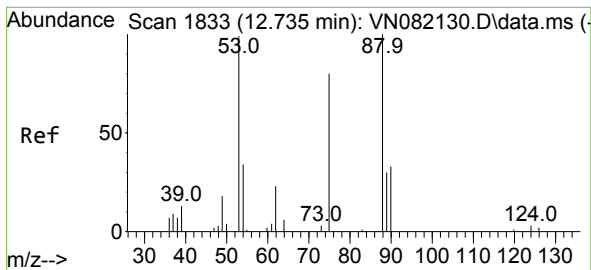
Tgt Ion:105 Resp: 158454

Ion Ratio Lower Upper

105 100

120 47.5 24.8 74.3

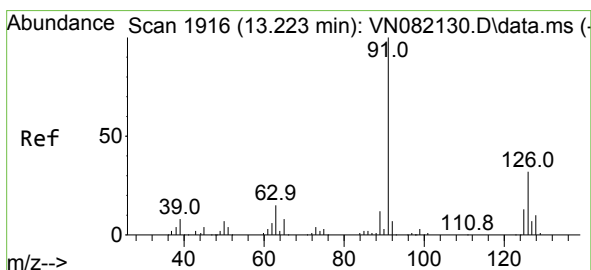
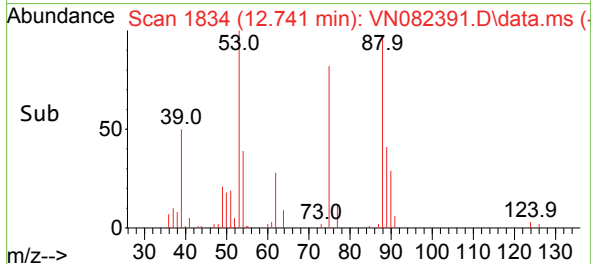
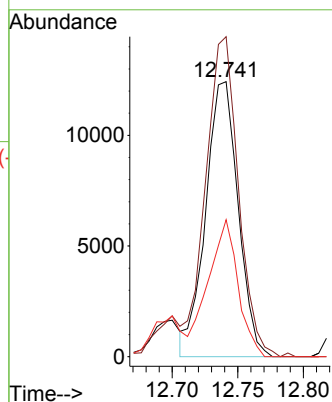
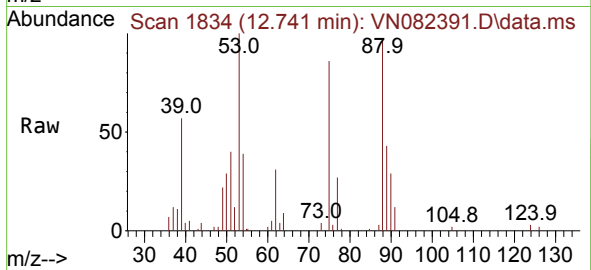




#81
trans-1,4-Dichloro-2-butene
Concen: 20.133 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

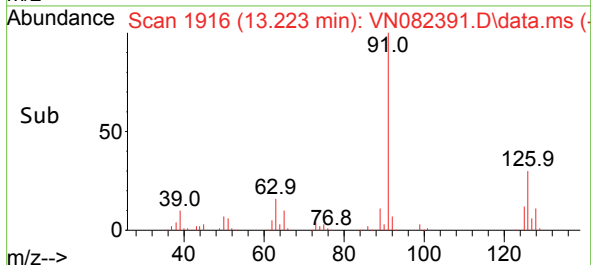
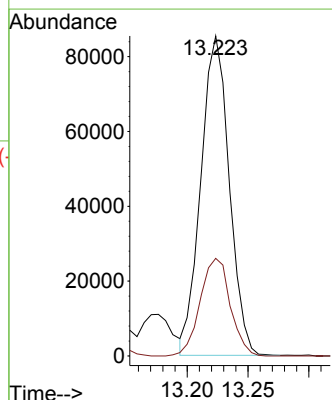
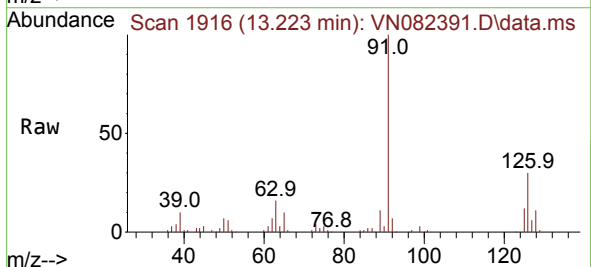
Instrument :
MSVOA_N
ClientSampleId :

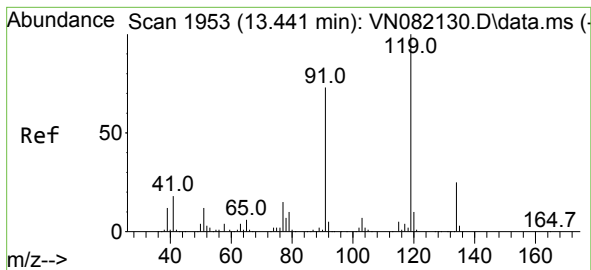
Tgt Ion: 75 Resp: 21407
Ion Ratio Lower Upper
75 100
53 129.3 72.9 109.3#
89 45.6 39.1 58.7



#82
4-Chlorotoluene
Concen: 20.330 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion: 91 Resp: 138744
Ion Ratio Lower Upper
91 100
126 32.3 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.571 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

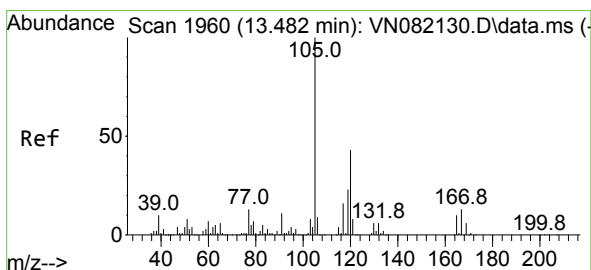
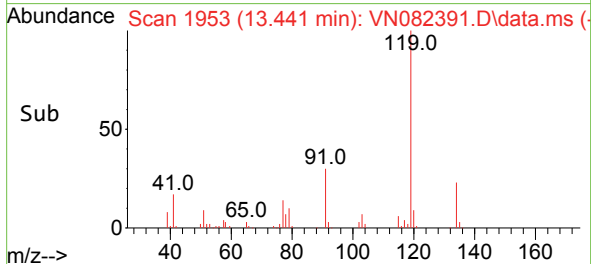
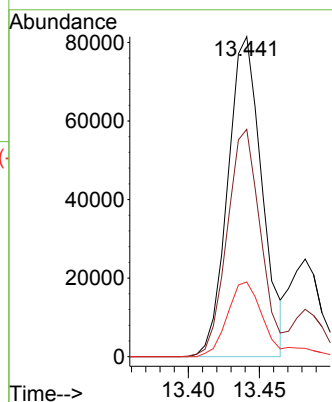
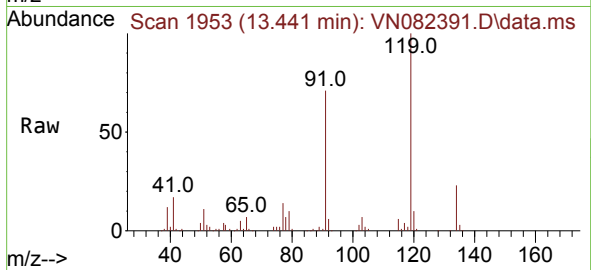
Tgt Ion:119 Resp: 136601

Ion Ratio Lower Upper

119 100

91 69.5 32.6 97.8

134 26.0 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 20.690 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082391.D

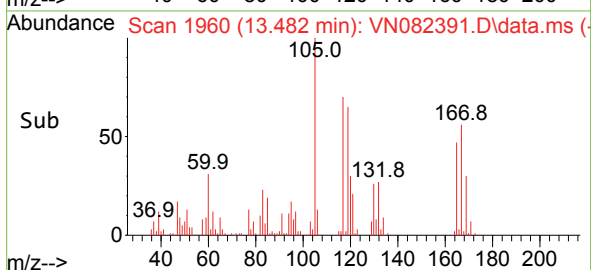
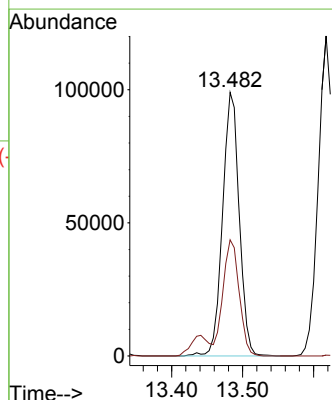
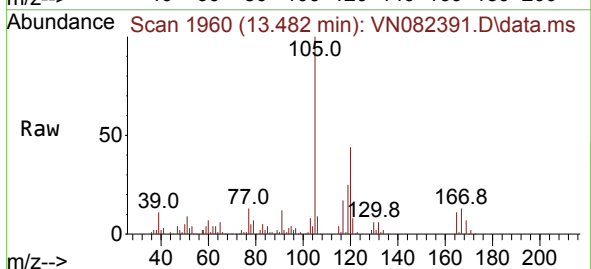
Acq: 30 May 2024 13:43

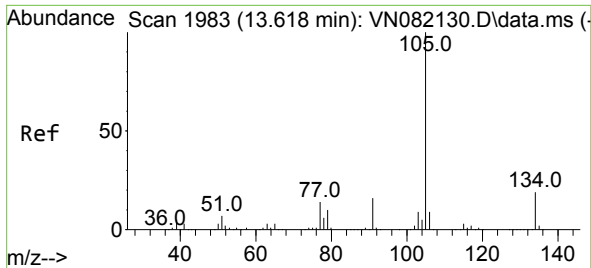
Tgt Ion:105 Resp: 160671

Ion Ratio Lower Upper

105 100

120 42.8 22.9 68.7

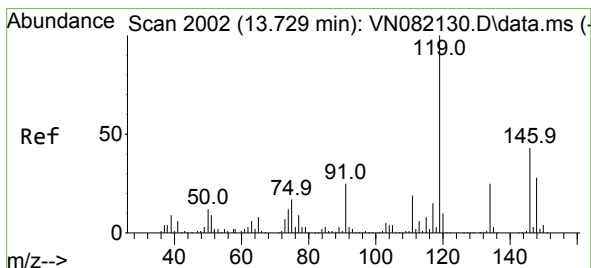
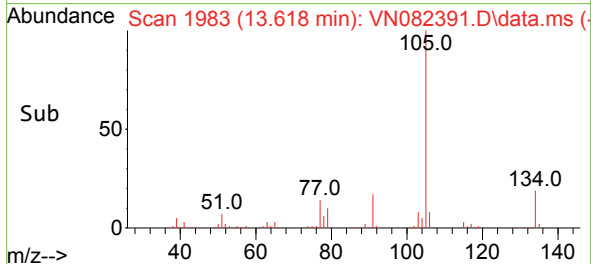
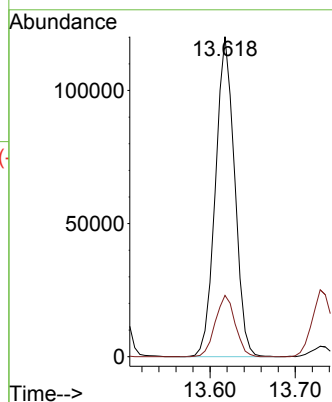
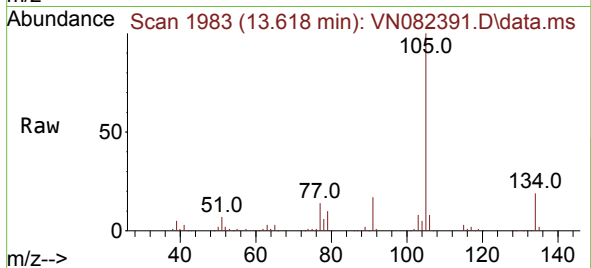




#85
 sec-Butylbenzene
 Concen: 20.342 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

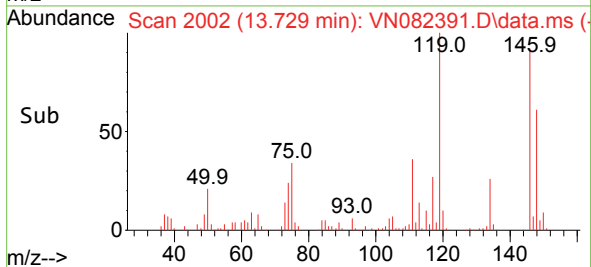
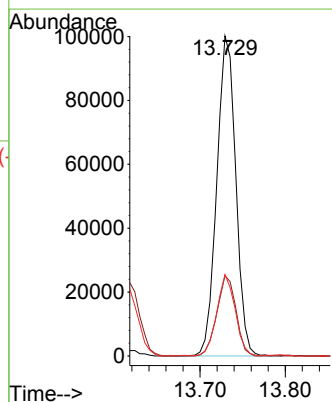
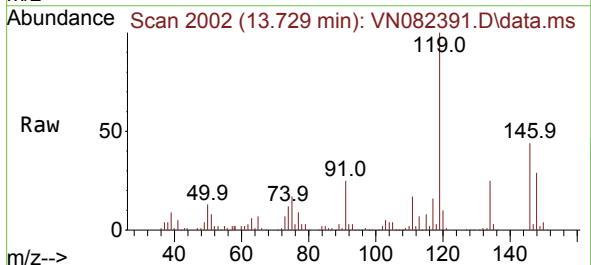
Instrument :
 MSVOA_N
 ClientSampleId :

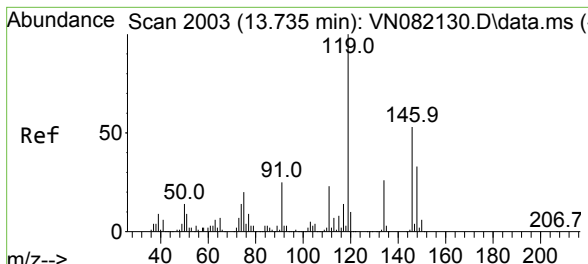
Tgt Ion:105 Resp: 187233
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.728 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

Tgt Ion:119 Resp: 155052
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 24.7 11.8 35.3

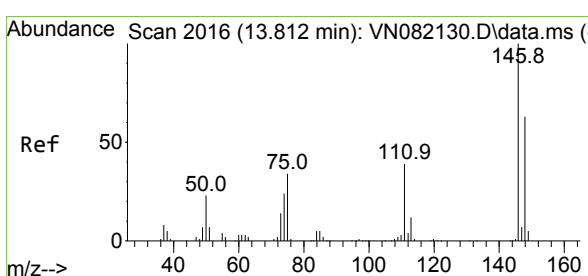
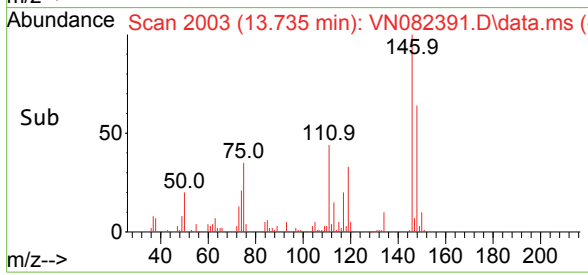
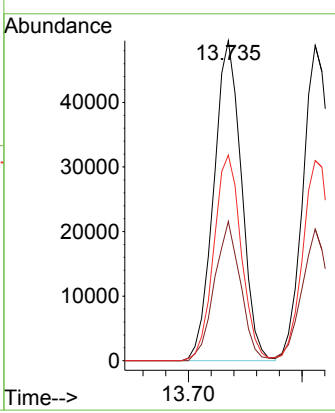
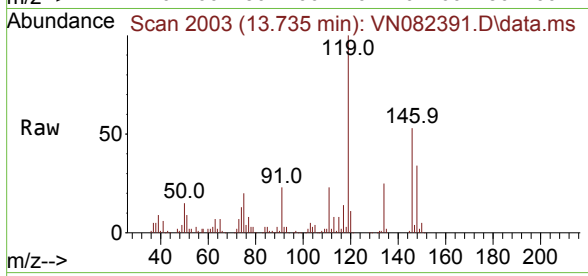




#87
 1,3-Dichlorobenzene
 Concen: 20.715 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

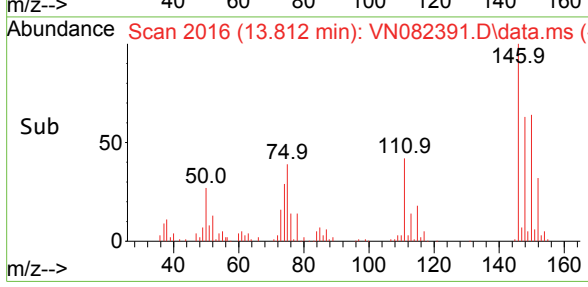
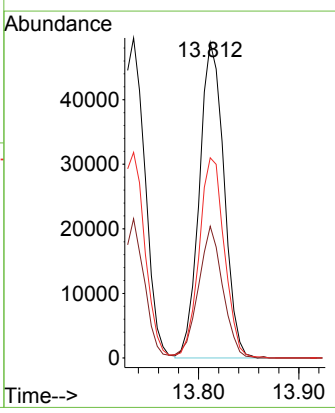
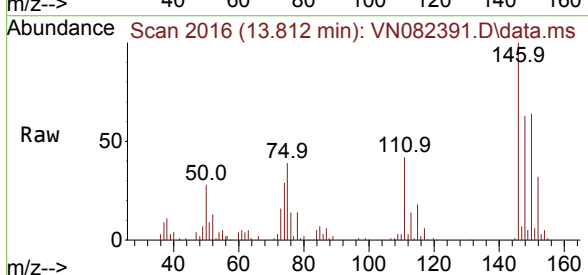
Instrument :
 MSVOA_N
 ClientSampleId :

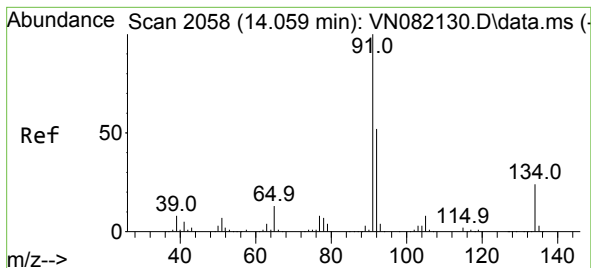
Tgt Ion:	146	Resp:	83958
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.8	62.5
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.170 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

Tgt Ion:	146	Resp:	83435
Ion Ratio	Lower	Upper	
146	100		
111	41.4	19.3	57.9
148	65.4	31.3	93.9





#89

n-Butylbenzene

Concen: 20.287 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

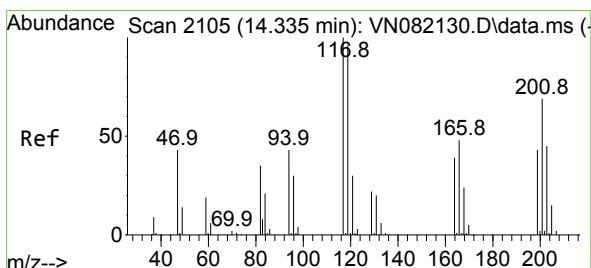
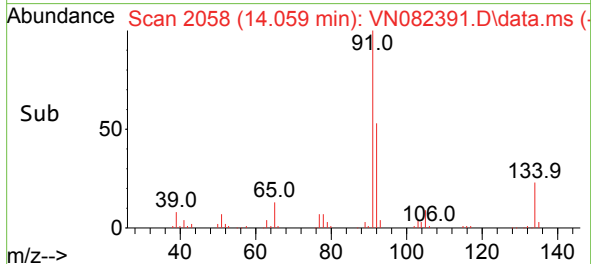
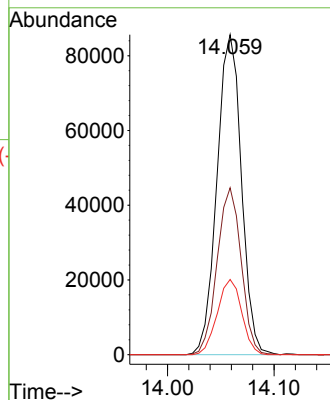
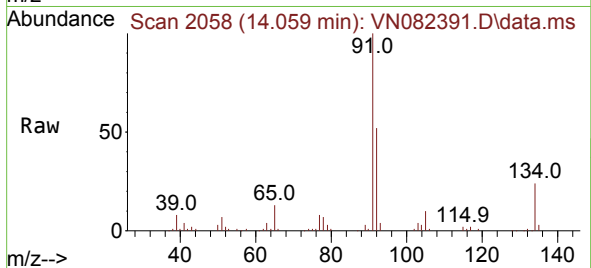
Tgt Ion: 91 Resp: 136399

Ion Ratio Lower Upper

91 100

92 51.2 26.2 78.5

134 23.5 13.2 39.5



#90

Hexachloroethane

Concen: 20.945 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082391.D

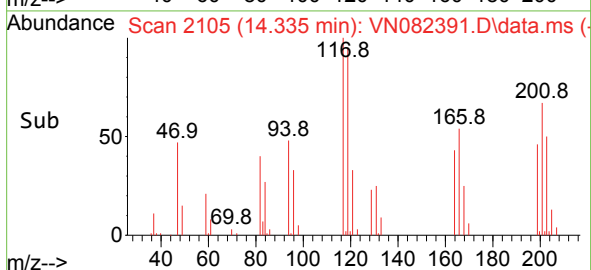
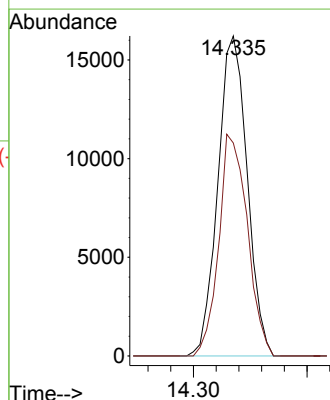
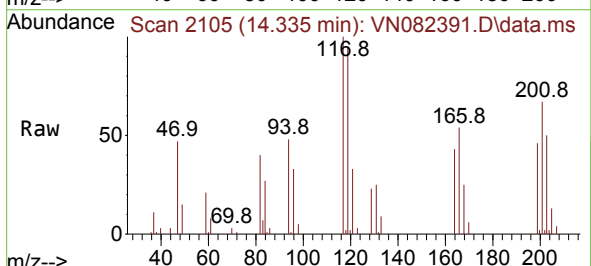
Acq: 30 May 2024 13:43

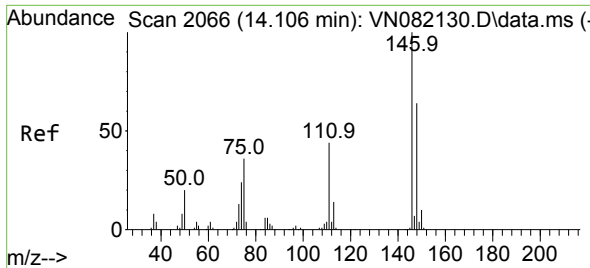
Tgt Ion: 117 Resp: 29028

Ion Ratio Lower Upper

117 100

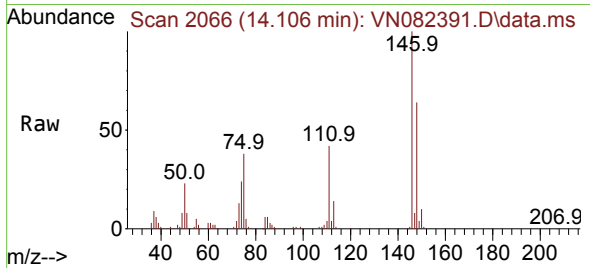
201 67.6 33.3 99.8



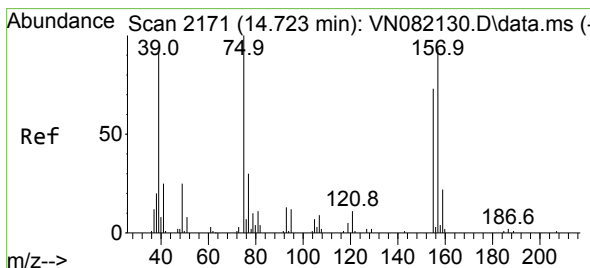
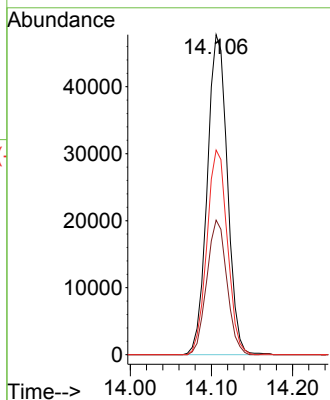
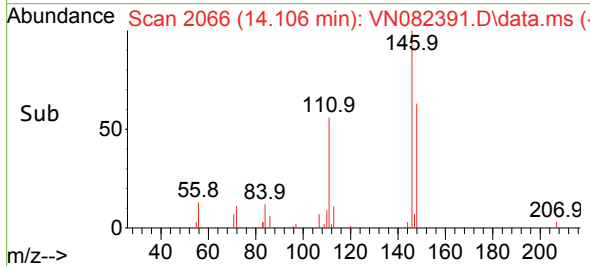


#91
 1,2-Dichlorobenzene
 Concen: 21.404 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43

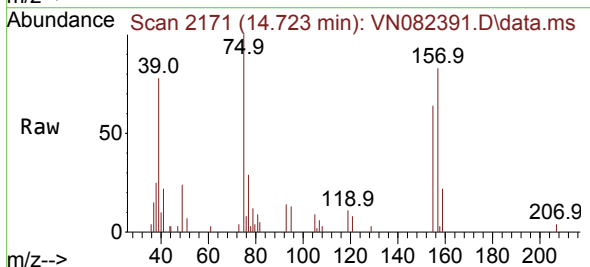
Instrument :
 MSVOA_N
 ClientSampleId :



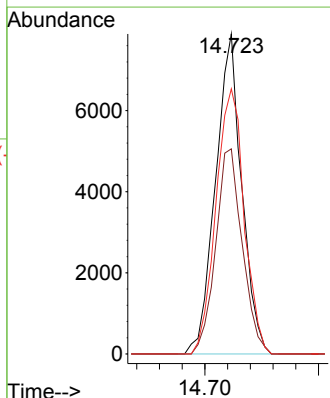
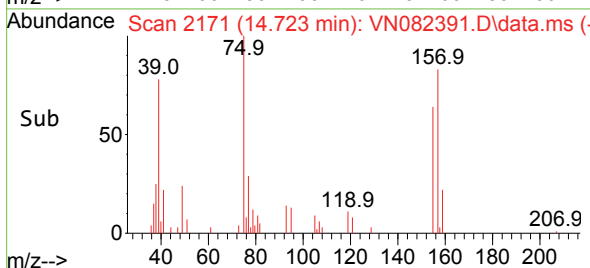
Tgt Ion:146 Resp: 82112
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 65.2 31.8 95.4

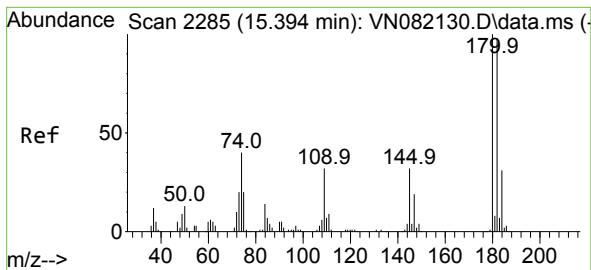


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.714 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082391.D
 Acq: 30 May 2024 13:43



Tgt Ion: 75 Resp: 12628
 Ion Ratio Lower Upper
 75 100
 155 65.1 42.6 128.0
 157 89.2 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 19.932 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

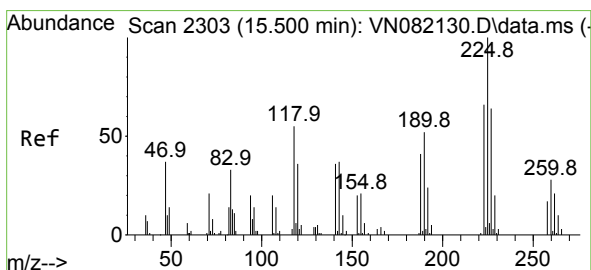
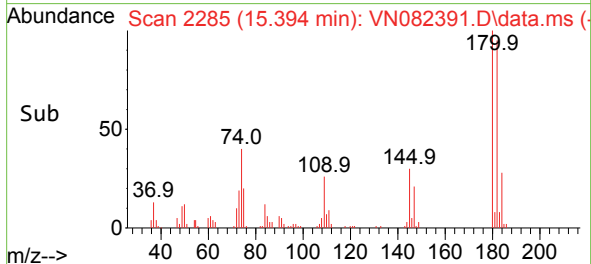
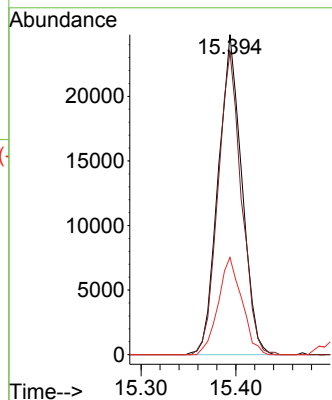
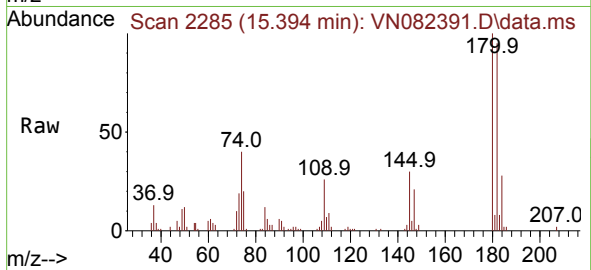
Tgt Ion:180 Resp: 42863

Ion Ratio Lower Upper

180 100

182 94.2 46.7 140.0

145 30.5 16.2 48.6



#94

Hexachlorobutadiene

Concen: 19.859 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082391.D

Acq: 30 May 2024 13:43

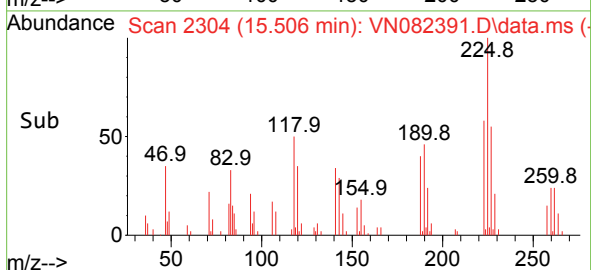
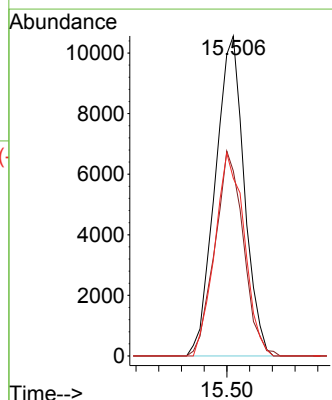
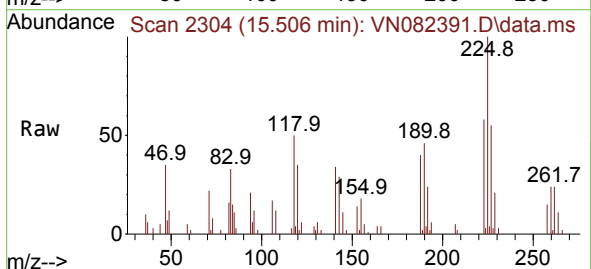
Tgt Ion:225 Resp: 18739

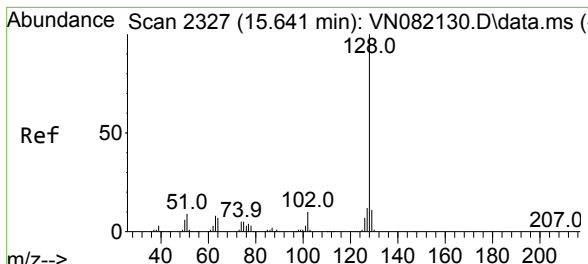
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 64.5 30.6 91.6

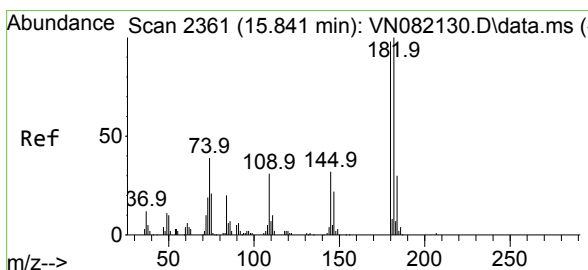
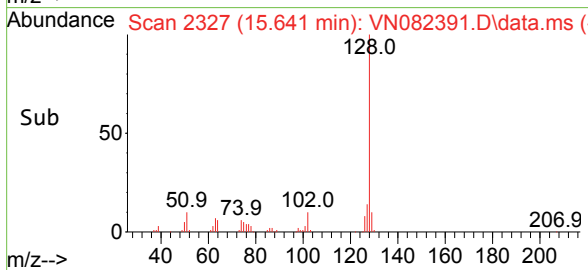
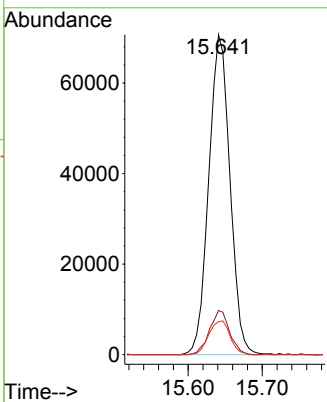
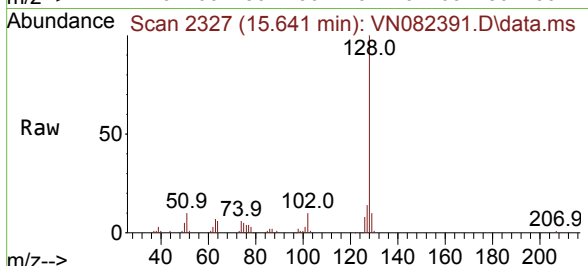




#95
Naphthalene
Concen: 20.840 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	140443
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.651 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082391.D
Acq: 30 May 2024 13:43

Tgt Ion:	180	Resp:	44456
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.0	137.8
145	32.8	17.1	51.3

