

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083878.D
 Acq On : 13 Sep 2024 18:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 23:55:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27221	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	151346	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138264	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74379	29.893	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.633%
60) 4-Bromofluorobenzene	12.847	95	69572	29.196	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.333%
63) Toluene-d8	10.565	98	191346	29.888	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.633%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35384	19.411	ug/l	97
3) Chloromethane	2.359	50	36742	19.399	ug/l	98
4) Vinyl Chloride	2.518	62	37725	19.375	ug/l	99
5) Bromomethane	2.959	94	24219	22.263	ug/l	100
6) Chloroethane	3.118	64	24585	18.855	ug/l	100
7) Trichlorofluoromethane	3.495	101	60768	18.615	ug/l	96
8) Diethyl Ether	3.959	74	19977	18.010	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	32912	18.770	ug/l	94
10) 1,1-Dichloroethene	4.342	96	31009	18.329	ug/l #	79
11) Methyl Iodide	4.583	142	40690	17.706	ug/l	90
12) Methyl Acetate	5.024	43	41841	20.507	ug/l #	80
13) Acrolein	4.183	56	32764	110.031	ug/l	99
14) Acrylonitrile	5.724	53	87285	105.710	ug/l	98
15) Acetone	4.424	58	22578	82.431	ug/l	73
16) Carbon Disulfide	4.712	76	82793	17.316	ug/l #	92
17) Allyl chloride	5.018	41	51600	17.392	ug/l	88
18) Methylene Chloride	5.283	84	34545	18.663	ug/l	90
19) trans-1,2-Dichloroethene	5.794	96	32381	18.467	ug/l	96
20) Diisopropyl ether	6.671	45	115547	19.285	ug/l	96
21) 1,1-Dichloroethane	6.571	63	65883	19.259	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	39507	18.512	ug/l	93
23) tert-Butyl Alcohol	5.530	59	35455	117.014	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	113724	18.915	ug/l #	85
25) Chloroform	7.965	83	68528	18.903	ug/l	99
26) Cyclohexane	8.259	56	53318	17.697	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	48482	20.196	ug/l	96
30) 2-Butanone	7.483	43	123474	109.115	ug/l	95
31) 2,2-Dichloropropane	7.488	77	54916	17.943	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	64563	20.139	ug/l	97
33) Carbon Tetrachloride	8.365	117	54611	19.670	ug/l	91
34) Benzene	8.606	78	144859	20.112	ug/l #	95
35) Methacrylonitrile	7.777	41	26954	21.189	ug/l	96
36) 1,2-Dichloroethane	8.671	62	54661	20.187	ug/l #	94
37) Trichloroethene	9.353	130	32604	19.276	ug/l	98
38) Methylcyclohexane	9.606	83	52002	18.094	ug/l	95
39) 1,2-Dichloropropane	9.624	63	35431	20.439	ug/l	99
40) Dibromomethane	9.712	93	25930	20.457	ug/l	94
41) Bromodichloromethane	9.888	83	53970	20.023	ug/l	99
42) Vinyl Acetate	6.606	43	446059	95.874	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49353	21.668	ug/l	98
44) Isopropyl Acetate	8.688	43	85526	21.710	ug/l #	89
45) 1,4-Dioxane	9.694	88	14868	483.889	ug/l #	91
46) Methyl methacrylate	9.682	41	40963	21.483	ug/l	80
47) n-amyl Acetate	12.494	43	75807	21.724	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	52347	18.464	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	56381	19.122	ug/l #	88
50) 1,1,2-Trichloroethane	11.018	97	33846	20.985	ug/l	97
51) Ethyl methacrylate	10.876	69	55777	20.242	ug/l	76
52) 1,3-Dichloropropane	11.165	76	59637	20.475	ug/l	97
53) Dibromochloromethane	11.359	129	38457	19.879	ug/l	99
54) 1,2-Dibromoethane	11.471	107	34505	20.680	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	115416	105.100	ug/l	98
56) Bromoform	12.576	173	24430	19.877	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	258523	117.921	ug/l #	88
59) 2-Hexanone	11.194	43	192092	115.958	ug/l #	87
61) Tetrachloroethene	11.100	164	29370	20.071	ug/l	94
62) Toluene	10.629	91	153605	19.328	ug/l	100
64) Chlorobenzene	11.894	112	94611	19.228	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	32626	19.034	ug/l	95
66) Ethyl Benzene	11.965	91	169263	18.729	ug/l	100
67) m/p-Xylenes	12.070	106	128854	38.753	ug/l	100
68) o-Xylene	12.400	106	63984	19.883	ug/l	98
69) Styrene	12.412	104	103935	19.115	ug/l	98
70) Isopropylbenzene	12.694	105	158185	18.627	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	47477	20.469	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	64876	31.902	ug/l	64
73) Bromobenzene	12.982	156	36790	18.861	ug/l	92
74) n-propylbenzene	13.035	91	186472	18.758	ug/l	99
75) 2-Chlorotoluene	13.123	91	116966	18.852	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	135115	19.047	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	15461	17.987	ug/l	79
78) 4-Chlorotoluene	13.223	91	116344	18.490	ug/l	99
79) tert-butylbenzene	13.441	119	115663	18.646	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	134542	18.768	ug/l	99
81) sec-Butylbenzene	13.617	105	158244	18.674	ug/l	99
82) p-Isopropyltoluene	13.729	119	132603	18.599	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	68447	18.232	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	65703	17.506	ug/l	99
85) n-Butylbenzene	14.053	91	108805	17.293	ug/l	99
86) Hexachloroethane	14.335	117	23684	17.529	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	65451	17.964	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10221	20.052	ug/l	92
89) 1,2,4-Trichlorobenzene	15.841	180	32129	16.096	ug/l	100
90) Hexachlorobutadiene	15.500	225	14347	17.366	ug/l	95
91) Naphthalene	15.641	128	114300	17.516	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	32129	16.096	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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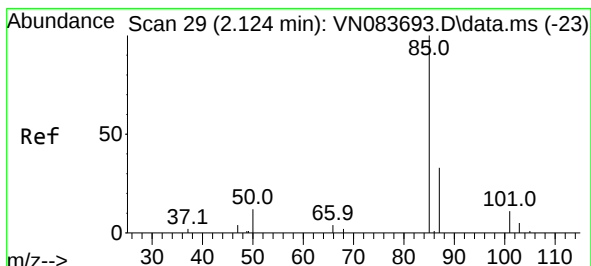
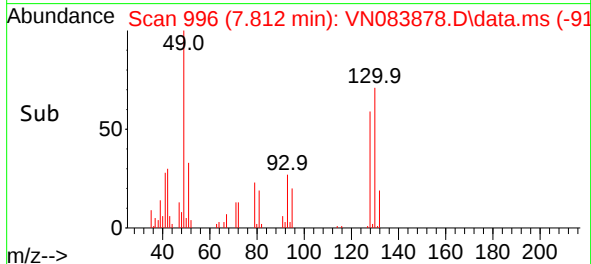
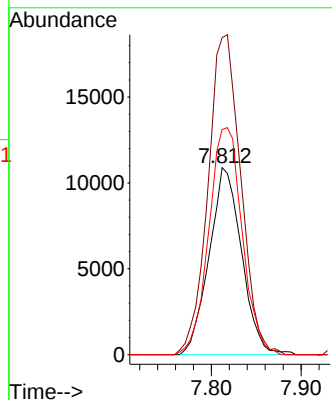
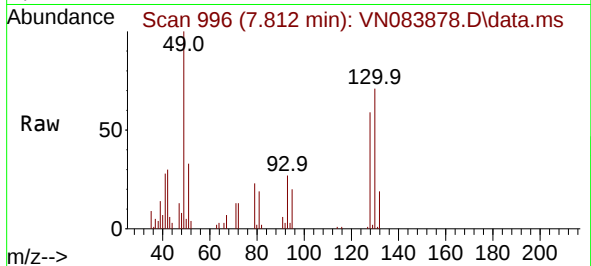




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

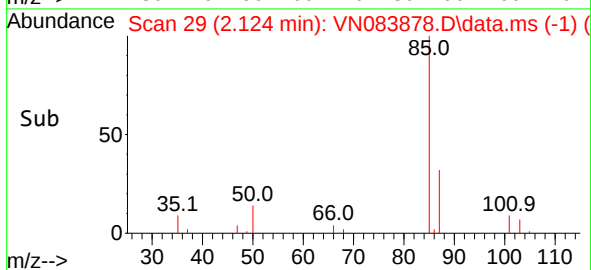
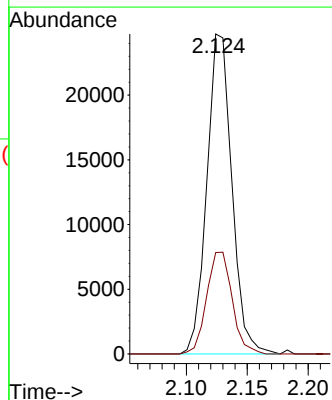
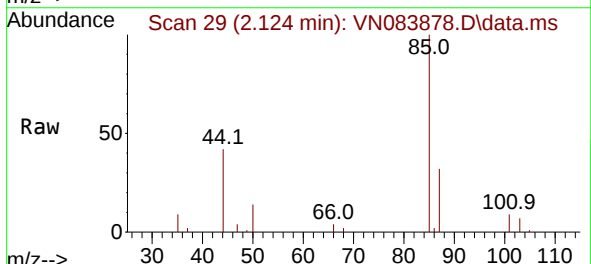
Instrument :
MSVOA_N
ClientSampleId :

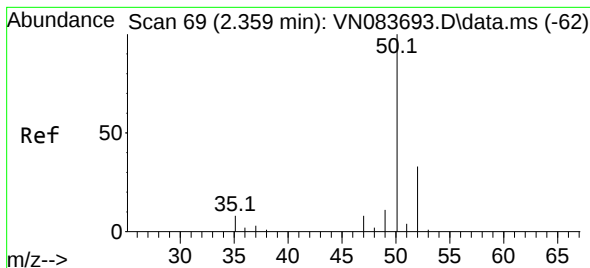
Tgt Ion:128 Resp: 27221
Ion Ratio Lower Upper
128 100
49 173.6 0.0 403.7
130 125.4 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.411 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 85 Resp: 35384
Ion Ratio Lower Upper
85 100
87 31.7 16.8 50.3





#3

Chloromethane

Concen: 19.399 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

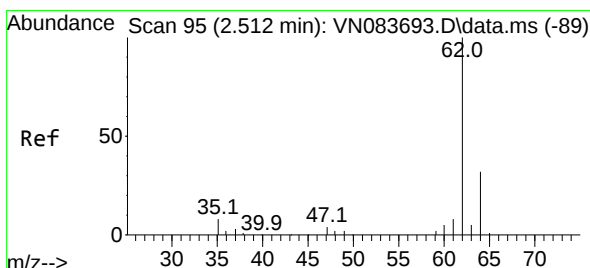
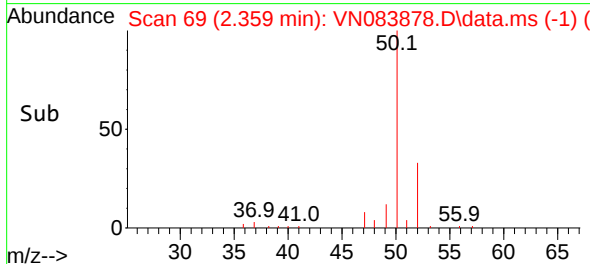
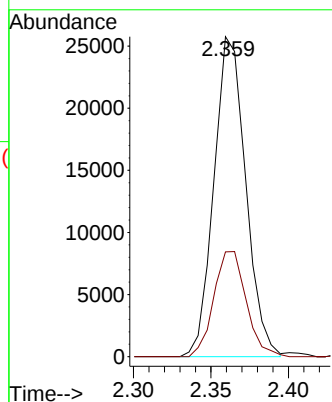
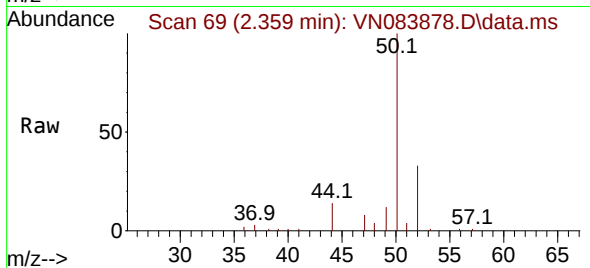
ClientSampleId :

Tgt Ion: 50 Resp: 36742

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.0



#4

Vinyl Chloride

Concen: 19.375 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083878.D

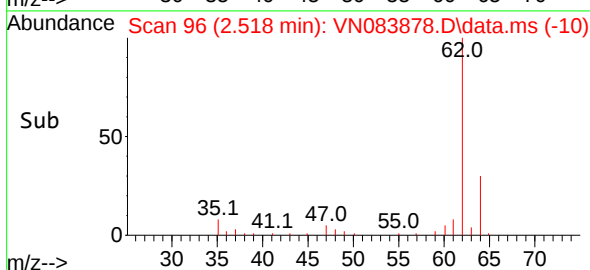
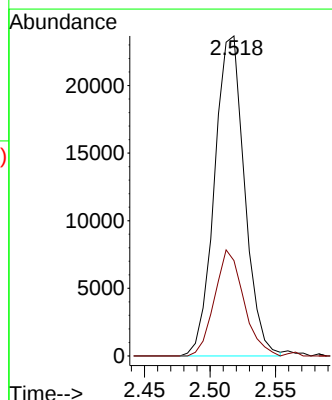
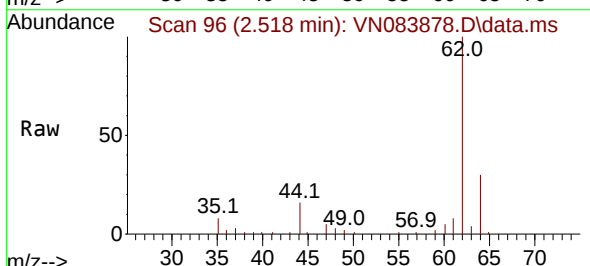
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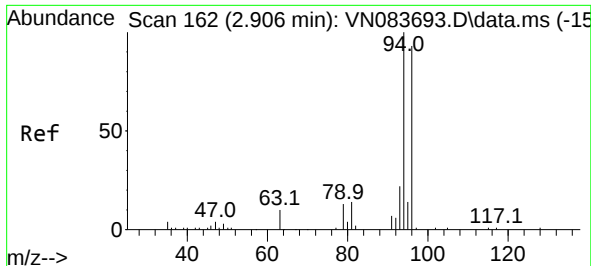
Tgt Ion: 62 Resp: 37725

Ion Ratio Lower Upper

62 100

64 29.8 24.1 36.1

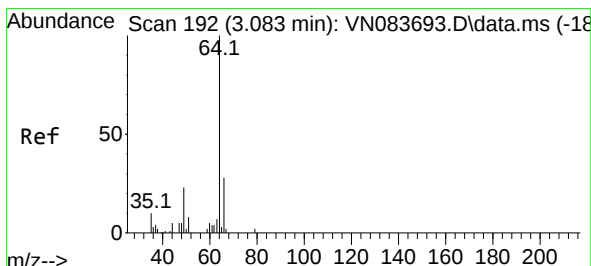
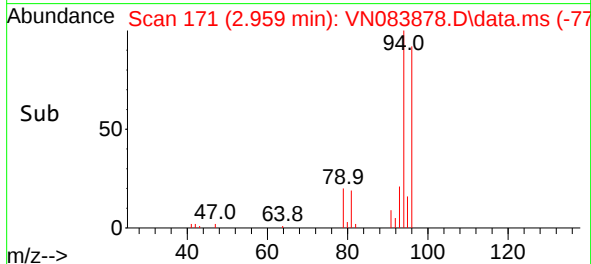
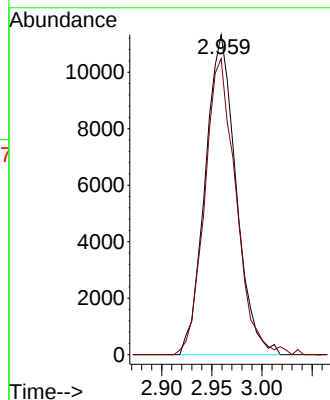
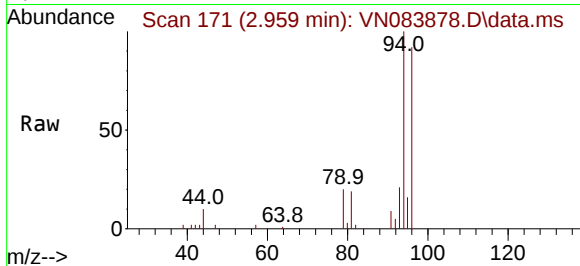




#5
Bromomethane
Concen: 22.263 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

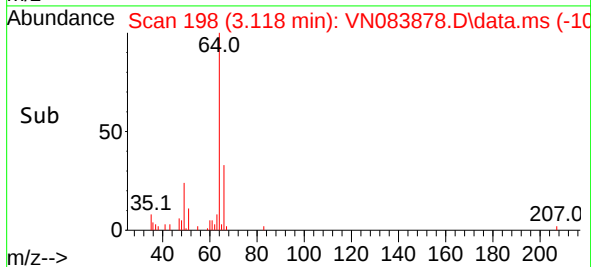
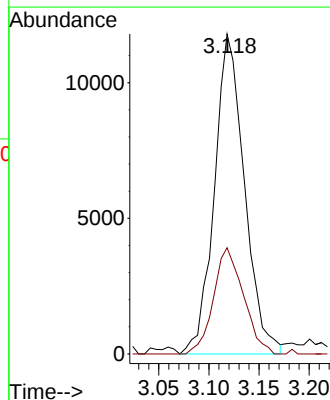
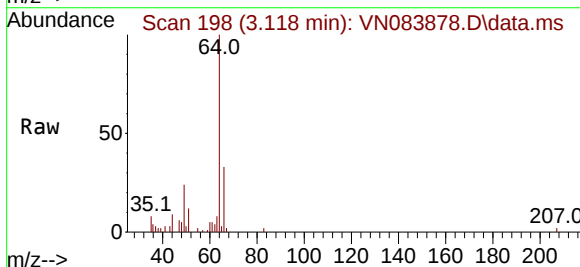
Instrument :
MSVOA_N
ClientSampleId :

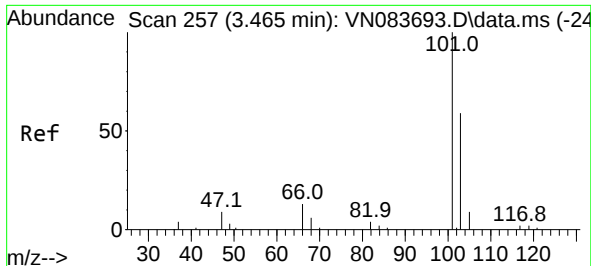
Tgt Ion: 94 Resp: 24219
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2



#6
Chloroethane
Concen: 18.855 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 64 Resp: 24585
Ion Ratio Lower Upper
64 100
66 33.2 26.7 40.1

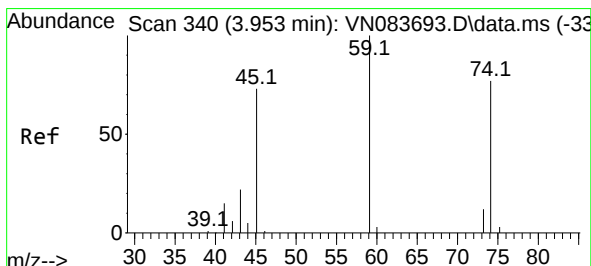
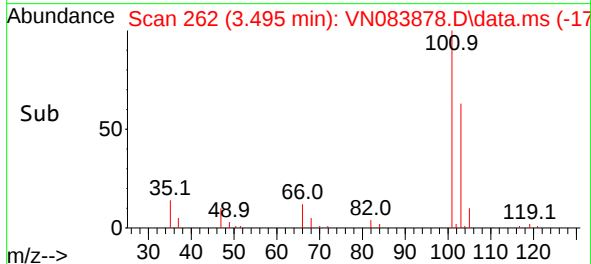
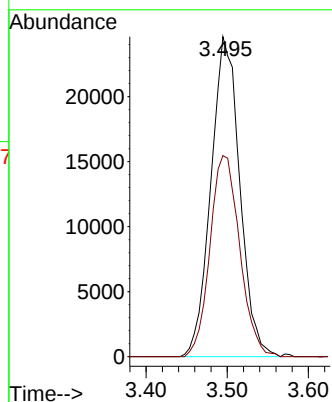
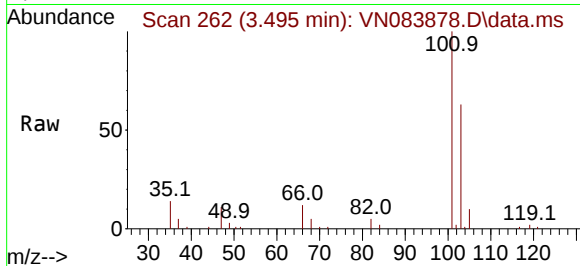




#7
 Trichlorofluoromethane
 Concen: 18.615 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.029 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

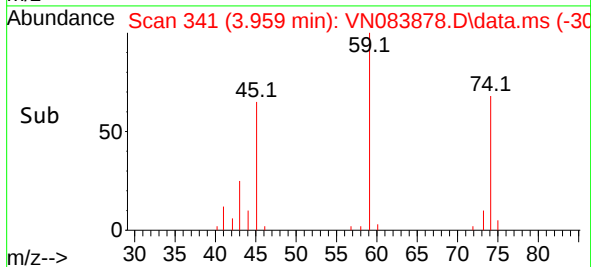
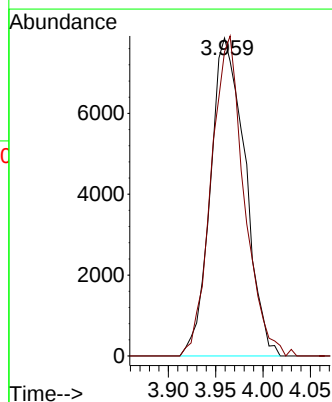
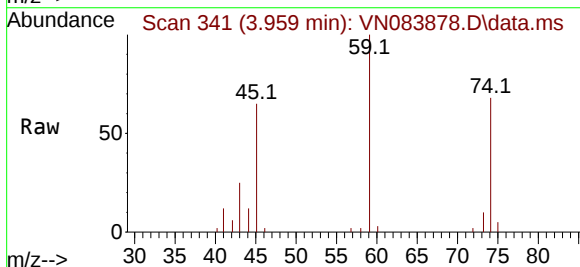
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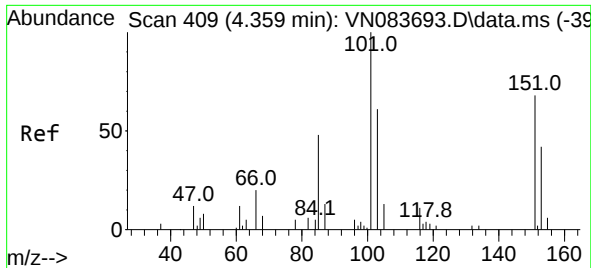
Tgt Ion:101 Resp: 60768
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.010 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

Tgt Ion: 74 Resp: 19977
 Ion Ratio Lower Upper
 74 100
 45 95.6 16.4 147.4

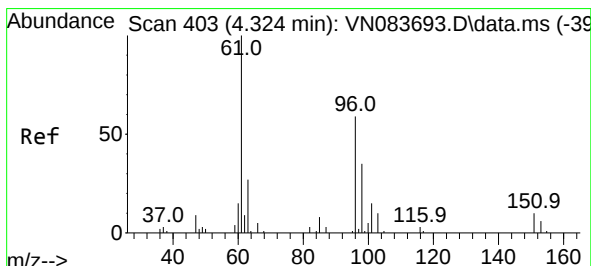
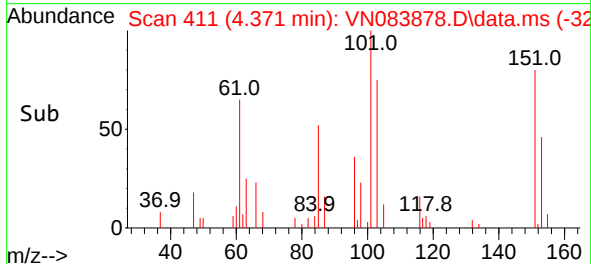
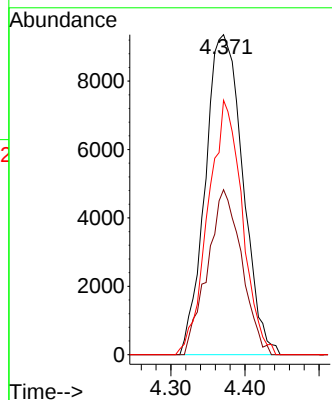
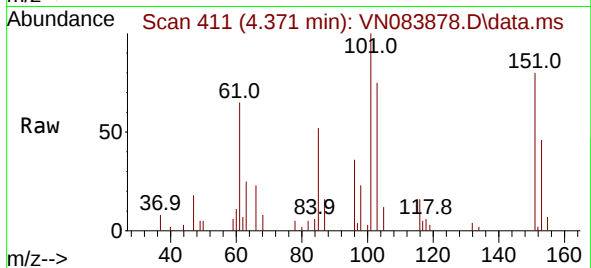




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.770 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

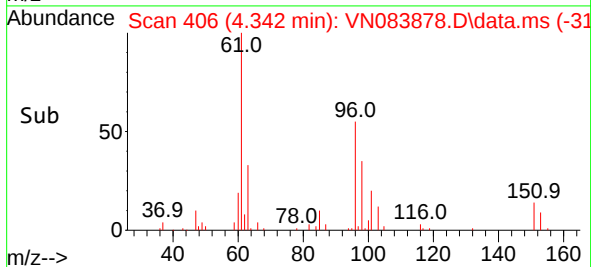
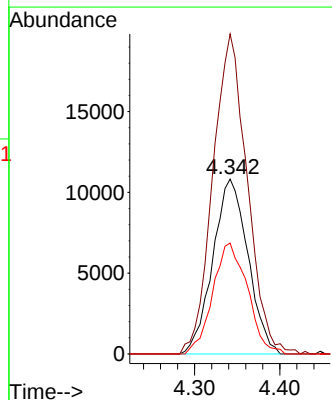
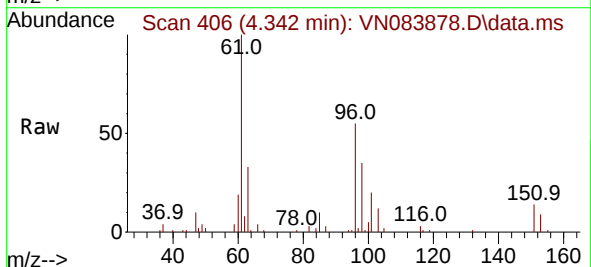
Instrument :
MSVOA_N
ClientSampleId :

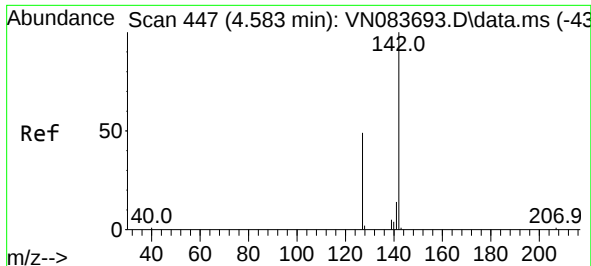
Tgt Ion:101 Resp: 32912
Ion Ratio Lower Upper
101 100
85 47.1 0.0 90.6
151 72.2 0.0 157.6



#10
1,1-Dichloroethene
Concen: 18.329 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

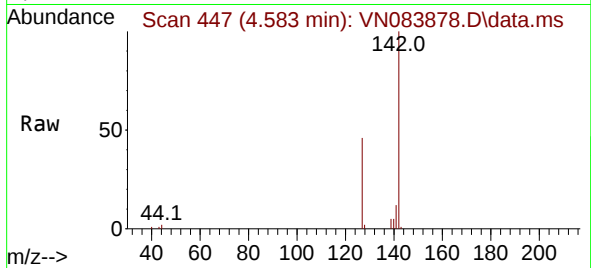
Tgt Ion: 96 Resp: 31009
Ion Ratio Lower Upper
96 100
61 183.0 117.6 176.4#
98 63.4 48.4 72.6



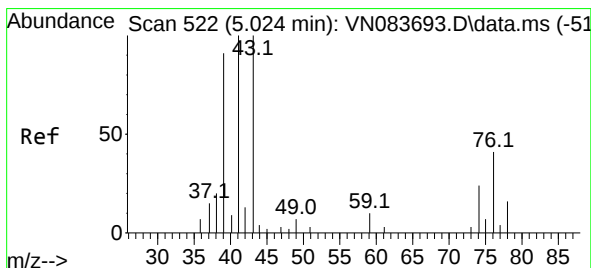
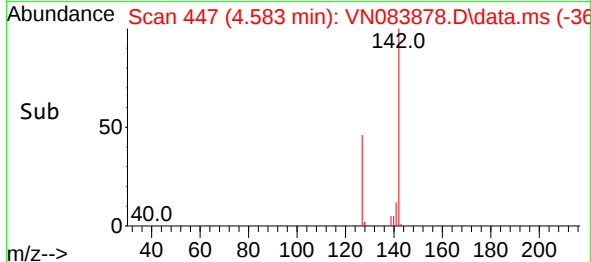
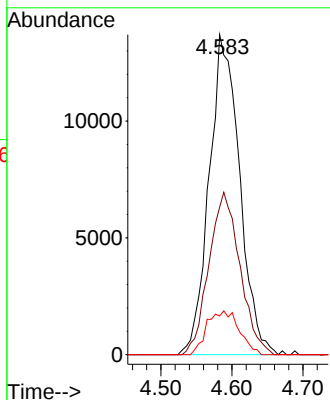


#11
Methyl Iodide
Concen: 17.706 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

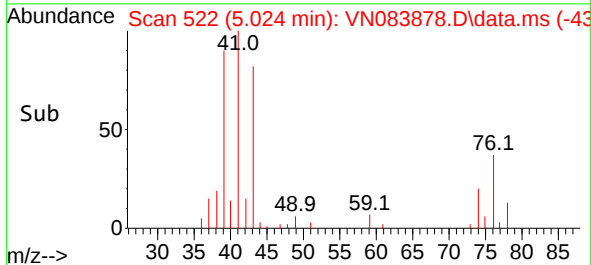
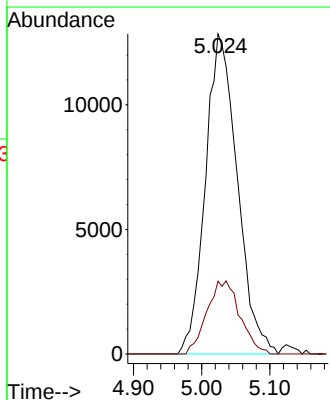
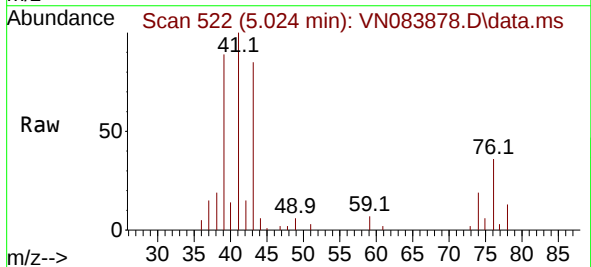


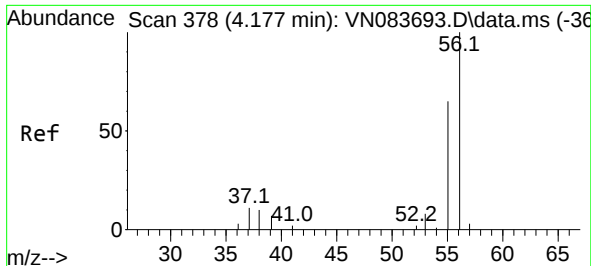
Tgt Ion:142 Resp: 40690
Ion Ratio Lower Upper
142 100
127 46.1 26.3 78.9
141 12.1 8.3 24.9



#12
Methyl Acetate
Concen: 20.507 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 43 Resp: 41841
Ion Ratio Lower Upper
43 100
74 22.8 27.7 41.5#

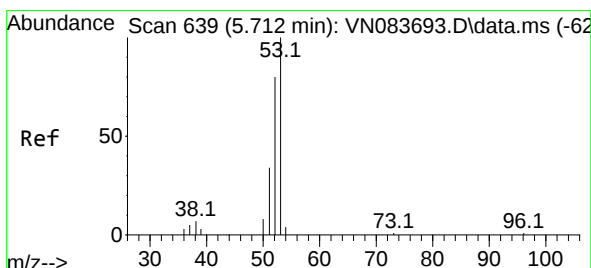
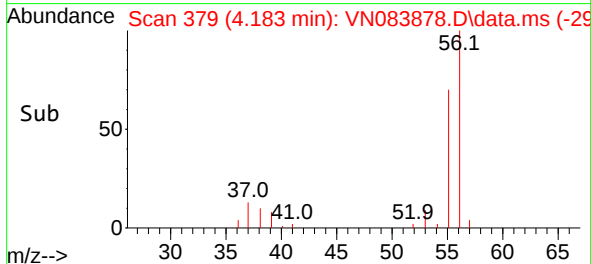
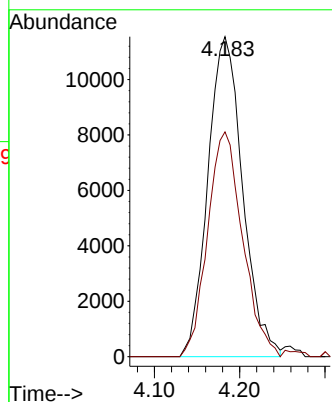
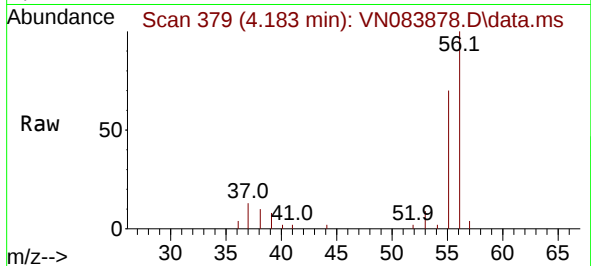




#13
Acrolein
Concen: 110.031 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

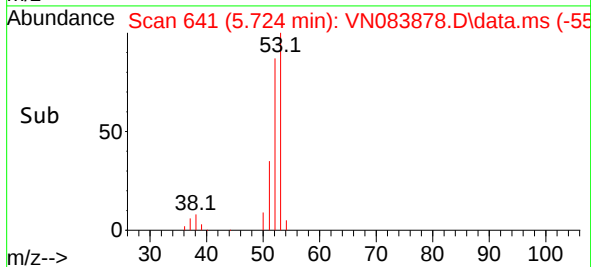
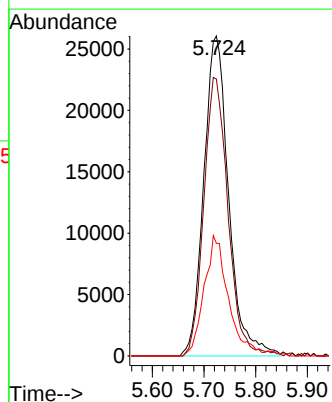
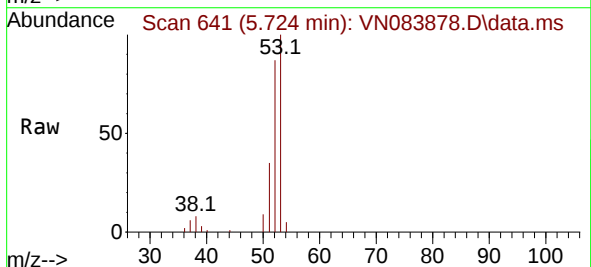
Instrument :
MSVOA_N
ClientSampleId :

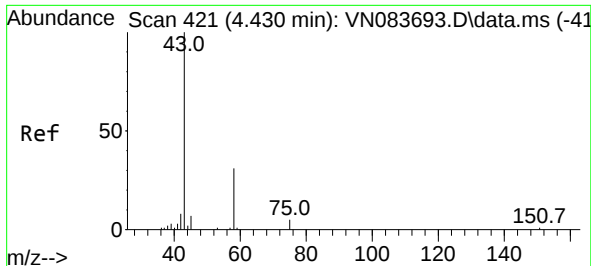
Tgt Ion: 56 Resp: 32764
Ion Ratio Lower Upper
56 100
55 70.5 55.5 83.3



#14
Acrylonitrile
Concen: 105.710 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

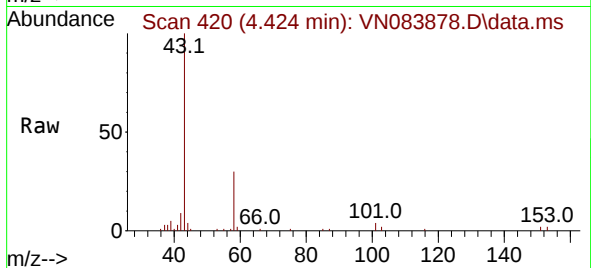
Tgt Ion: 53 Resp: 87285
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.9
51 36.4 16.8 50.3



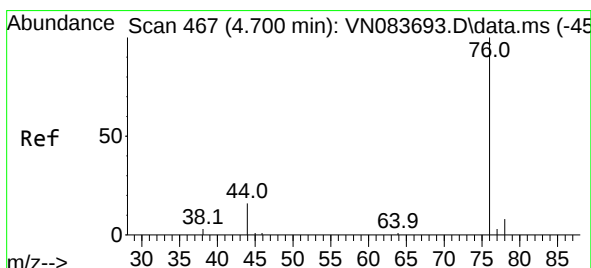
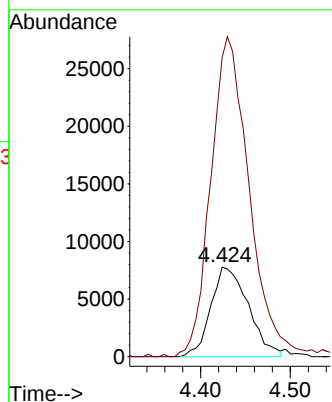
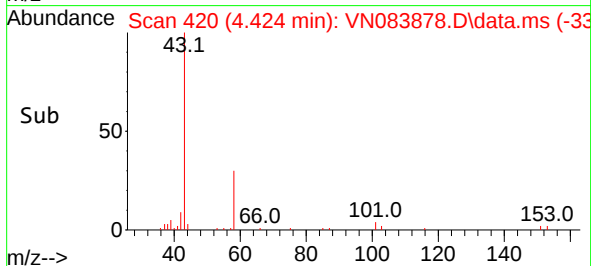


#15
Acetone
Concen: 82.431 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

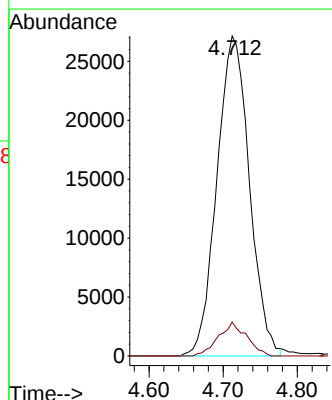
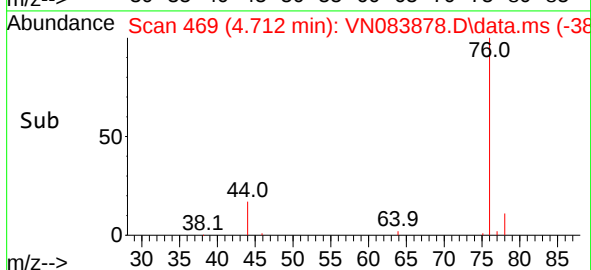
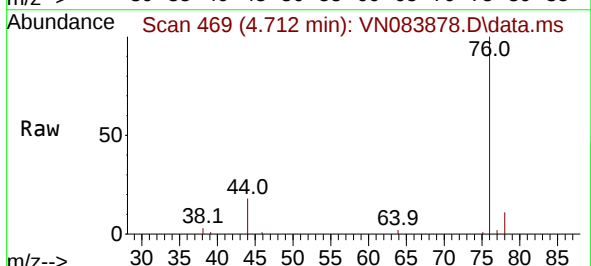


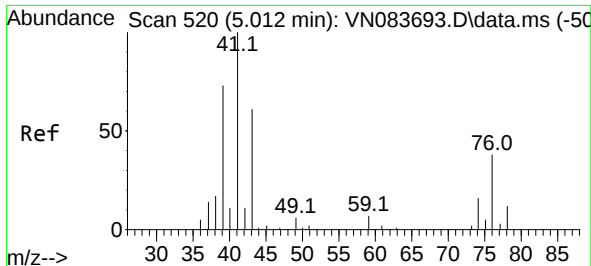
Tgt Ion: 58 Resp: 22578
Ion Ratio Lower Upper
58 100
43 329.3 223.1 334.7



#16
Carbon Disulfide
Concen: 17.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 76 Resp: 82793
Ion Ratio Lower Upper
76 100
78 10.6 6.3 9.5#





#17

Allyl chloride

Concen: 17.392 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

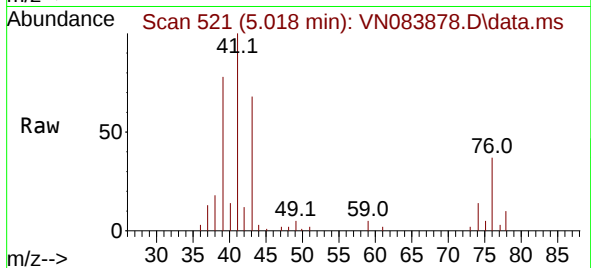
Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :



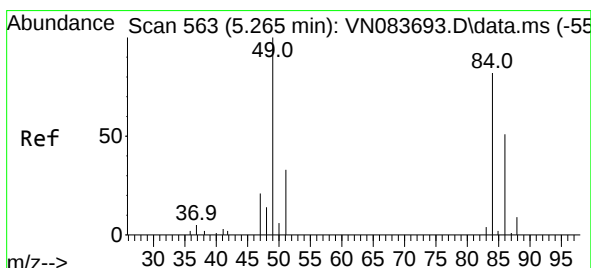
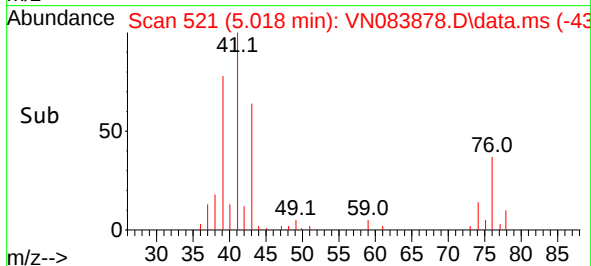
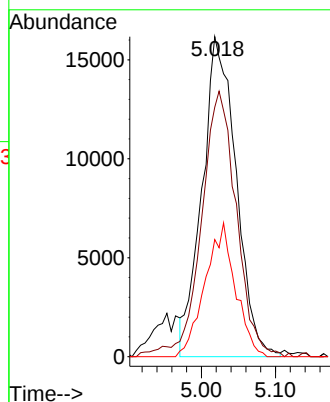
Tgt Ion: 41 Resp: 51600

Ion Ratio Lower Upper

41 100

39 77.8 37.6 112.9

76 37.1 27.8 83.4



#18

Methylene Chloride

Concen: 18.663 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.018 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Tgt Ion: 84 Resp: 34545

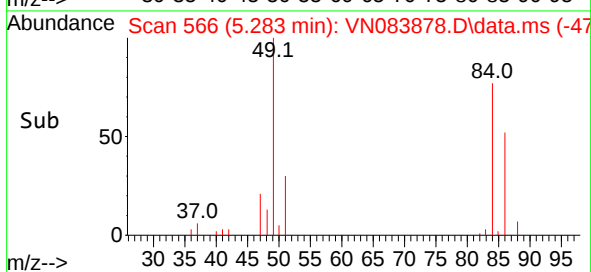
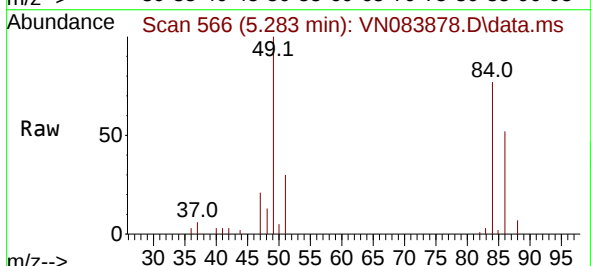
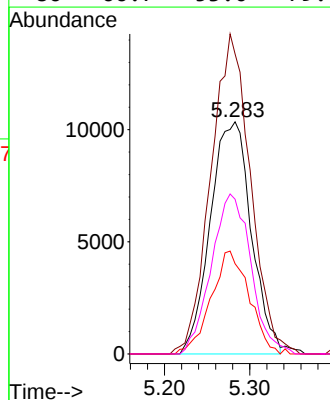
Ion Ratio Lower Upper

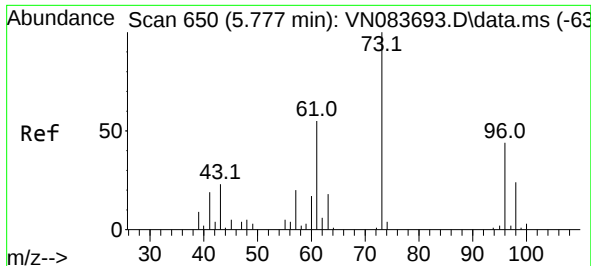
84 100

49 126.0 86.0 129.0

51 38.9 30.0 45.0

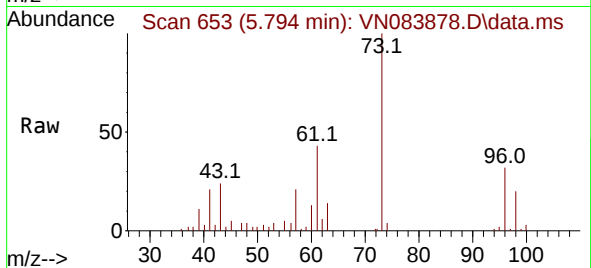
86 66.7 53.0 79.4



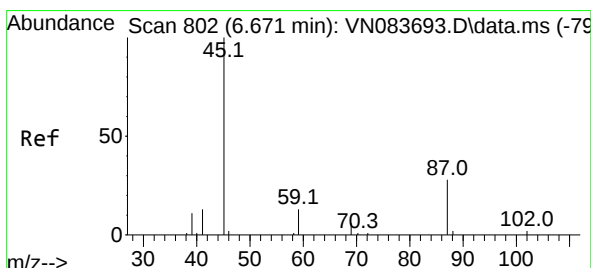
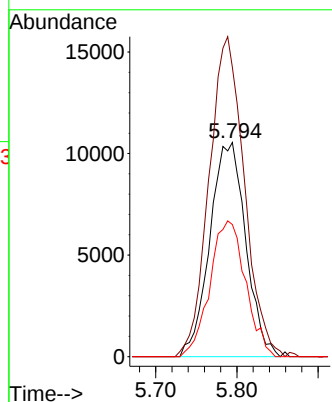
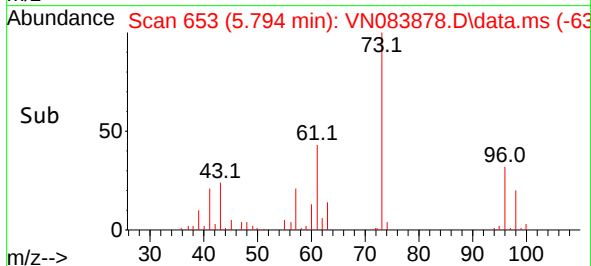


#19
trans-1,2-Dichloroethene
Concen: 18.467 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

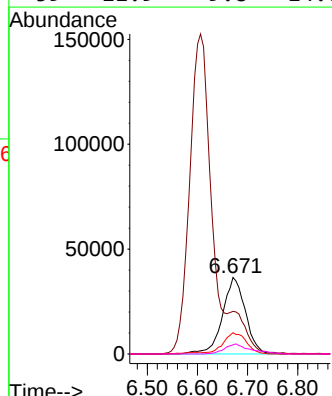
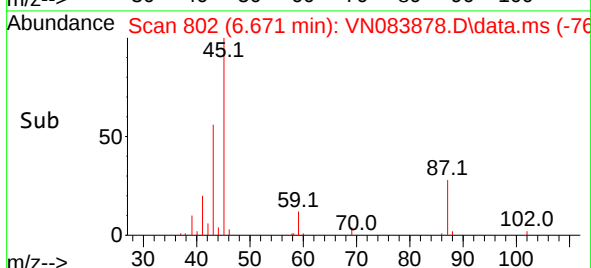
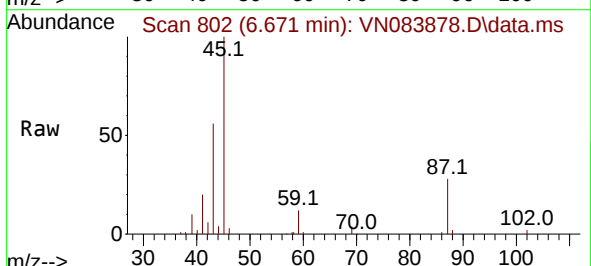


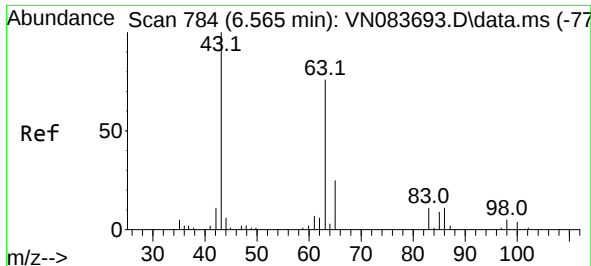
Tgt Ion: 96 Resp: 32381
Ion Ratio Lower Upper
96 100
61 132.7 111.8 167.6
98 61.7 49.2 73.8



#20
Diisopropyl ether
Concen: 19.285 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 45 Resp: 115547
Ion Ratio Lower Upper
45 100
43 54.2 40.4 60.6
87 27.9 23.8 35.8
59 11.9 9.8 14.6

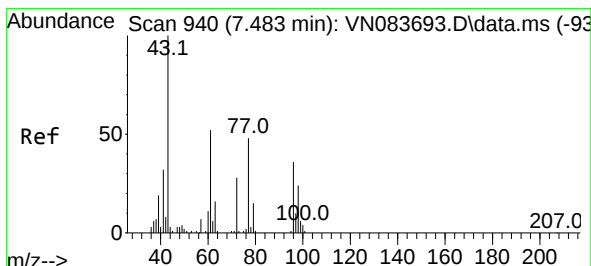
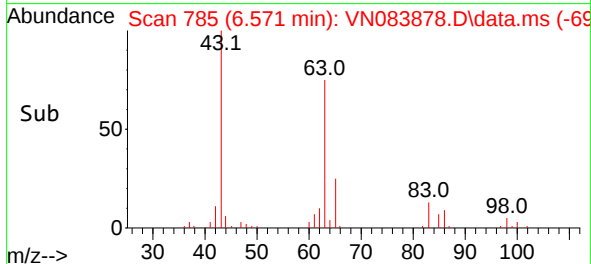
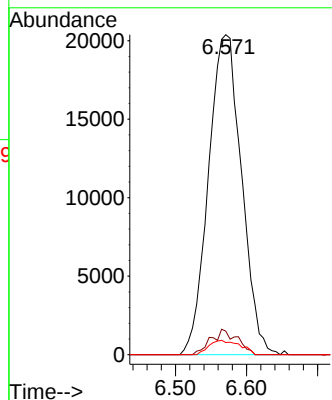
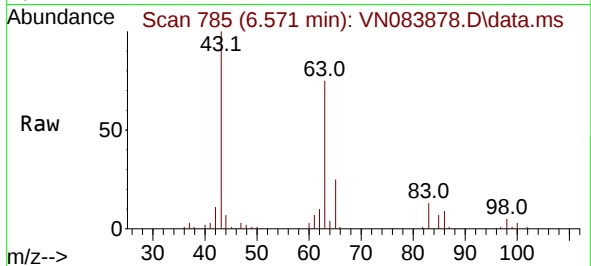




#21
1,1-Dichloroethane
Concen: 19.259 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

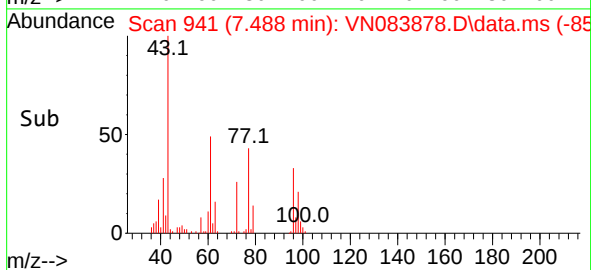
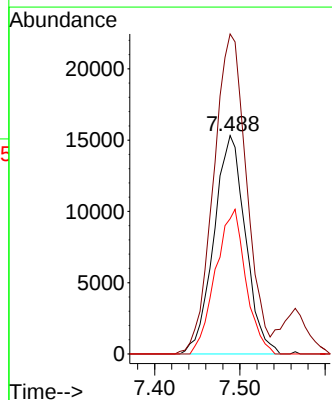
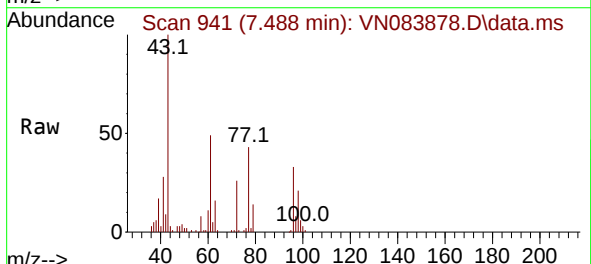
Instrument :
MSVOA_N
ClientSampleId :

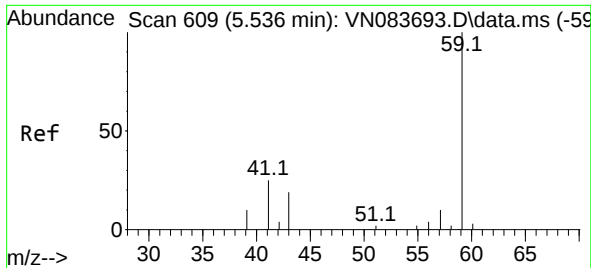
Tgt Ion: 63 Resp: 65883
Ion Ratio Lower Upper
63 100
98 7.3 4.1 12.3
100 3.8 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

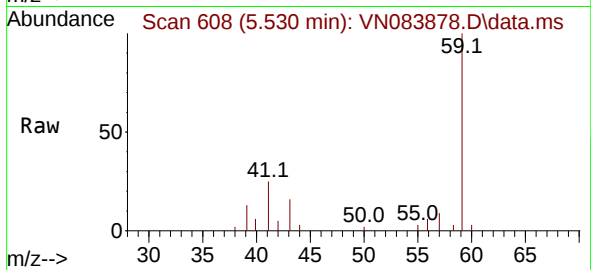
Tgt Ion: 96 Resp: 39507
Ion Ratio Lower Upper
96 100
61 153.1 113.5 170.3
98 63.2 52.0 78.0



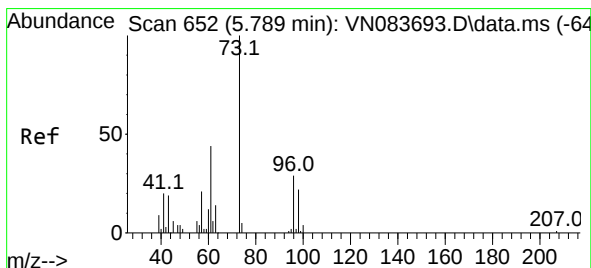
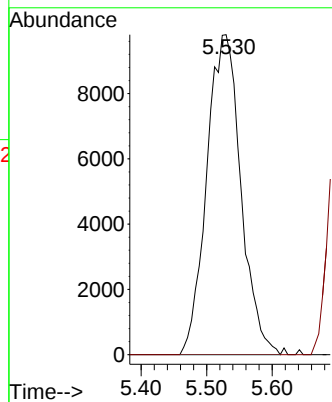
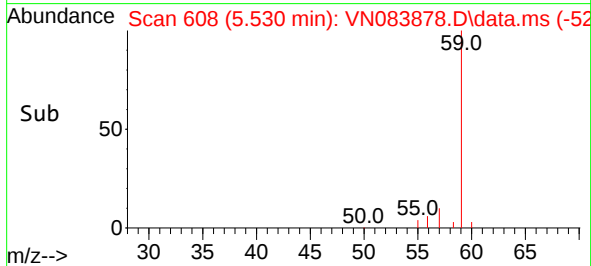


#23
tert-Butyl Alcohol
Concen: 117.014 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

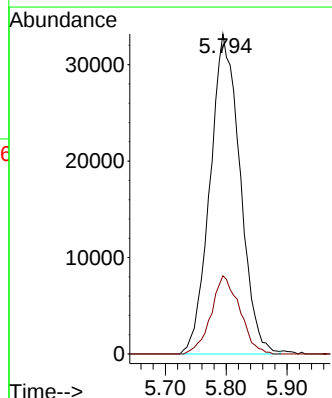
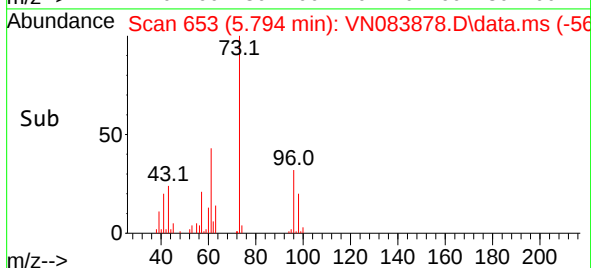
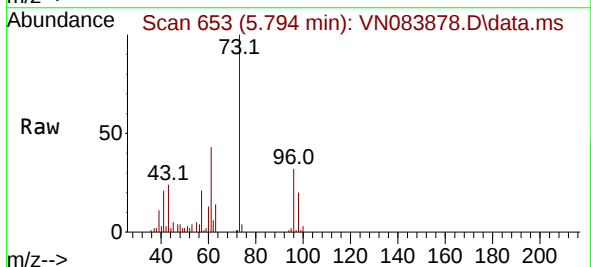


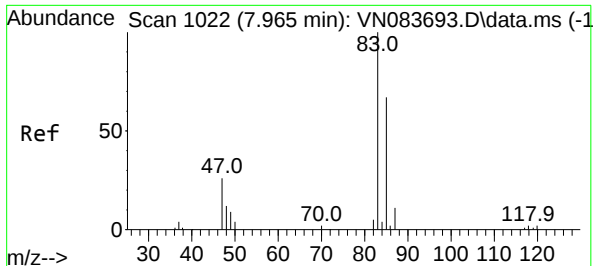
Tgt Ion: 59 Resp: 35455
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.915 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 73 Resp: 113724
Ion Ratio Lower Upper
73 100
43 23.3 13.4 20.2#





#25

Chloroform

Concen: 18.903 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

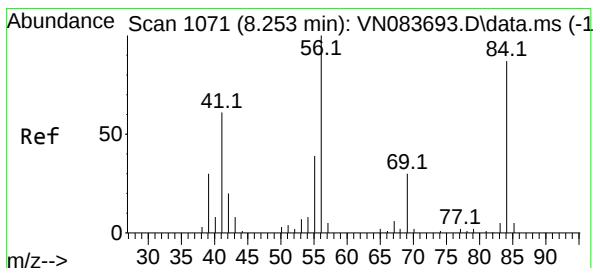
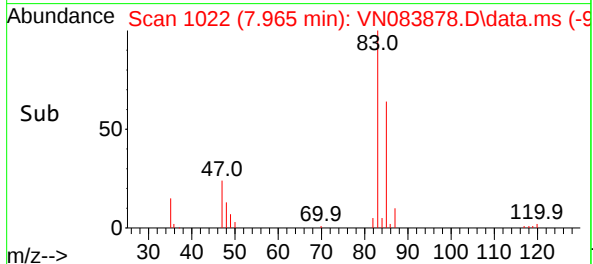
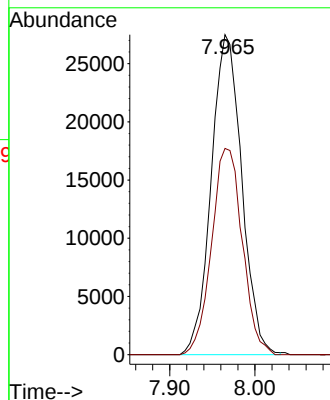
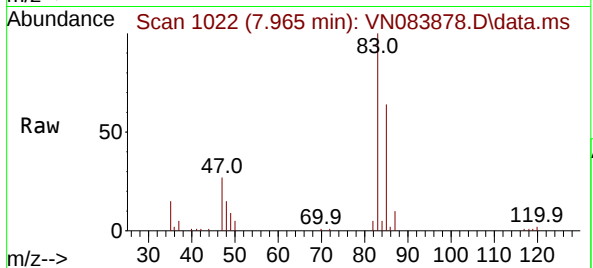
ClientSampleId :

Tgt Ion: 83 Resp: 68528

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3



#26

Cyclohexane

Concen: 17.697 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

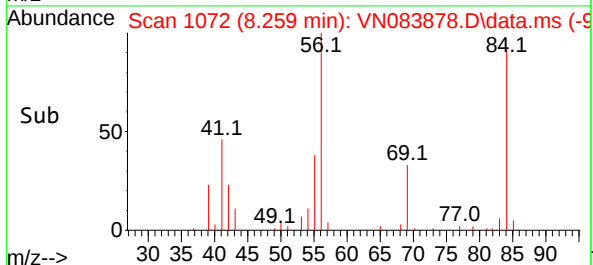
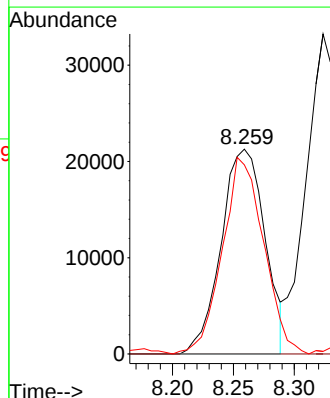
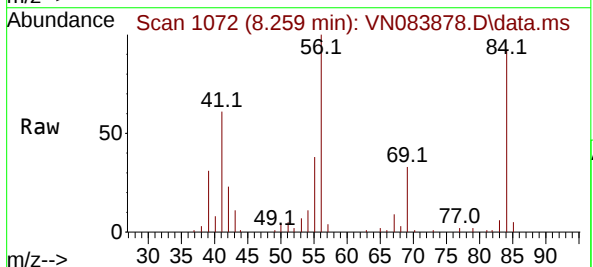
Tgt Ion: 56 Resp: 53318

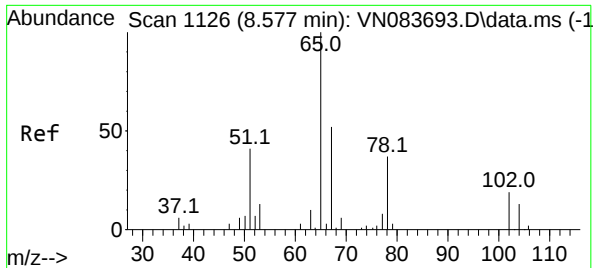
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

84 90.6 71.3 106.9

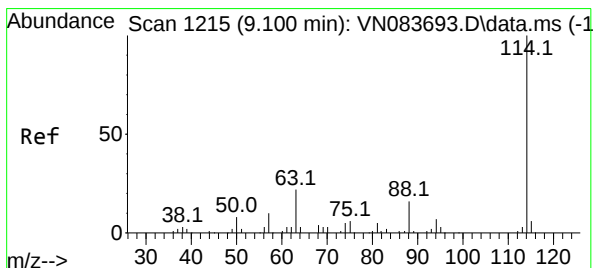
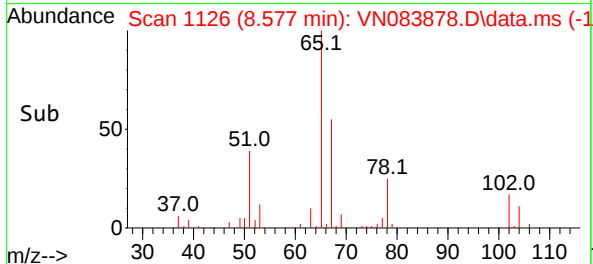
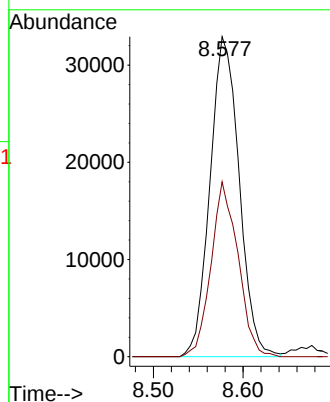
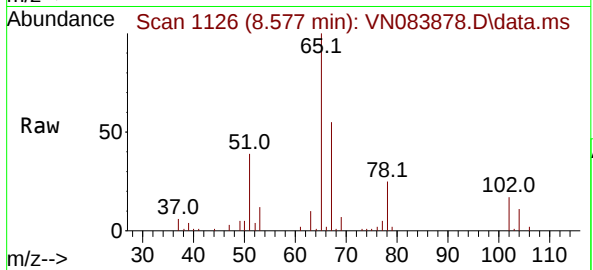




#27
1,2-Dichloroethane-d4
Concen: 29.893 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

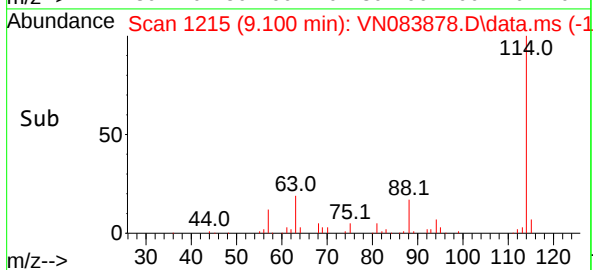
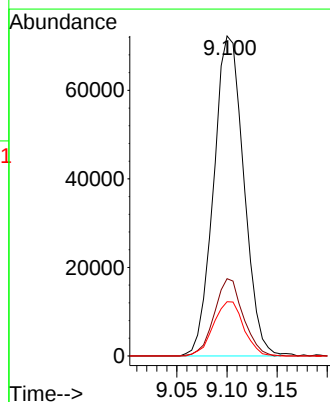
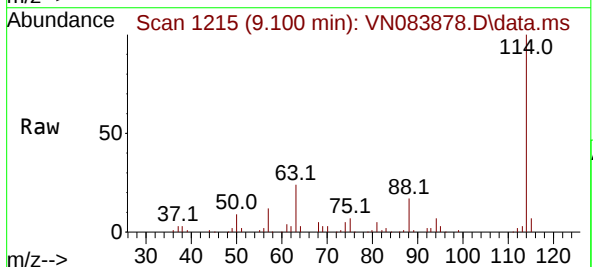
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 74379
Ion Ratio Lower Upper
65 100
67 50.6 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 114 Resp: 151346
Ion Ratio Lower Upper
114 100
63 23.0 15.9 23.9
88 17.0 12.7 19.1

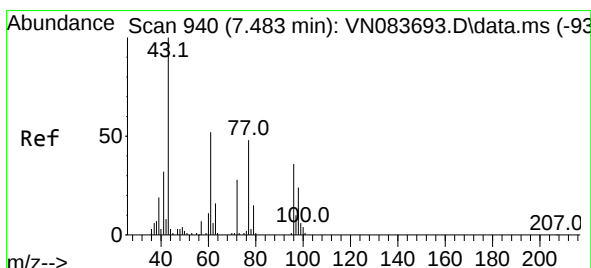
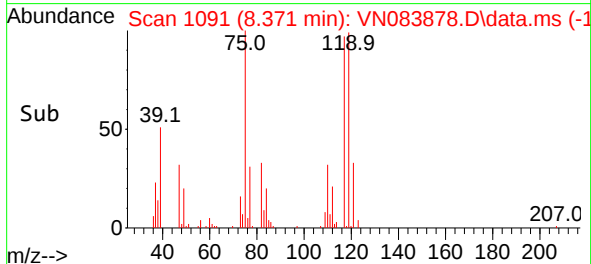
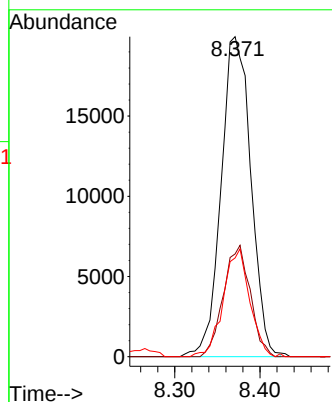
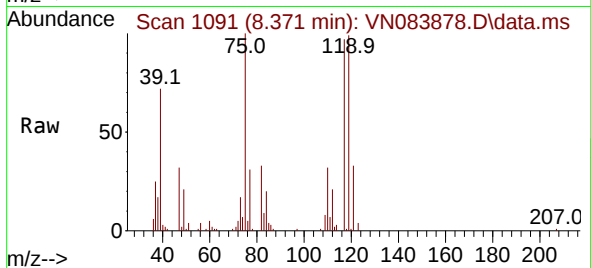




#29
1,1-Dichloropropene
Concen: 20.196 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

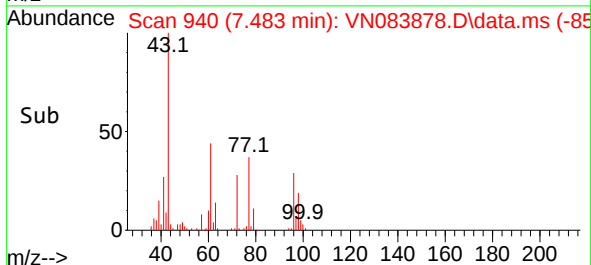
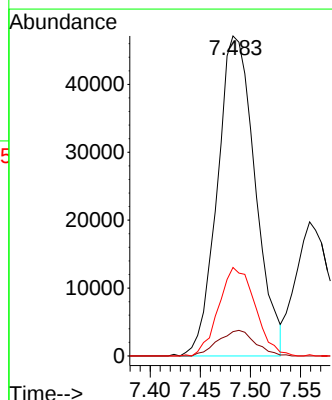
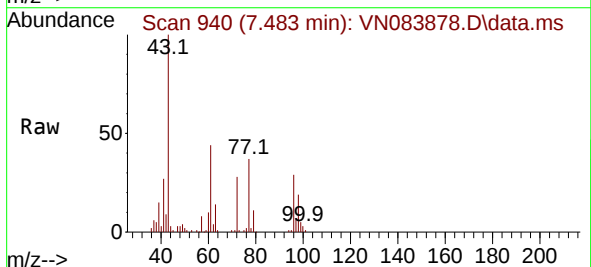
Instrument :
MSVOA_N
ClientSampleId :

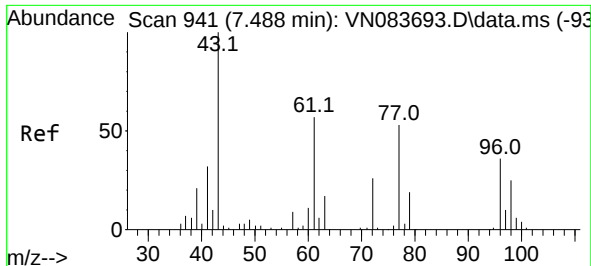
Tgt Ion: 75 Resp: 48482
Ion Ratio Lower Upper
75 100
110 31.4 0.0 70.2
77 29.9 0.0 61.4



#30
2-Butanone
Concen: 109.115 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 43 Resp: 123474
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 26.7 24.0 36.0





#31

2,2-Dichloropropane

Concen: 17.943 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

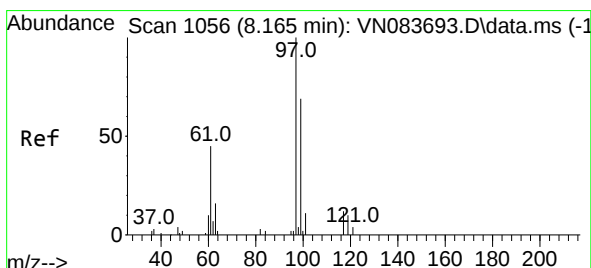
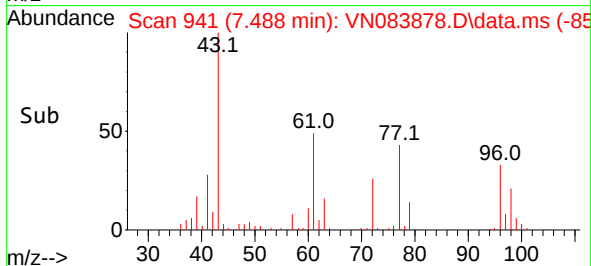
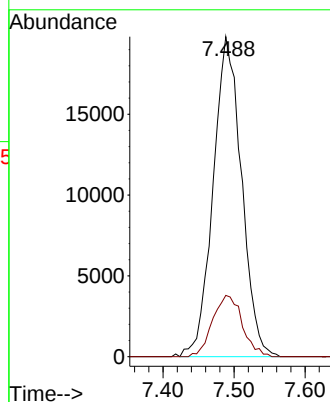
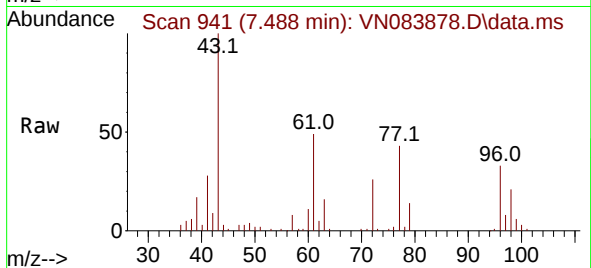
ClientSampleId :

Tgt Ion: 77 Resp: 54916

Ion Ratio Lower Upper

77 100

97 20.1 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.139 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

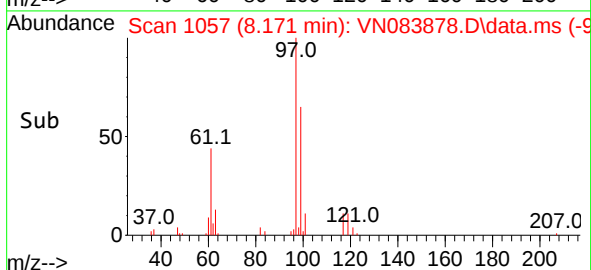
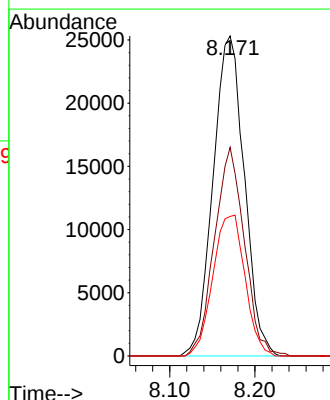
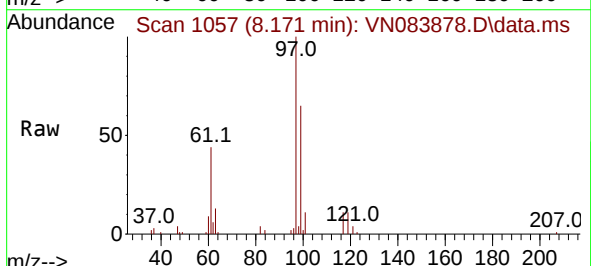
Tgt Ion: 97 Resp: 64563

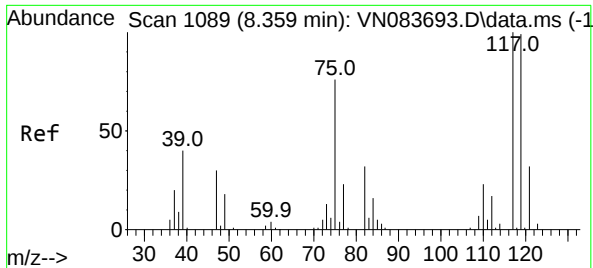
Ion Ratio Lower Upper

97 100

99 62.3 51.0 76.4

61 45.3 33.8 50.8

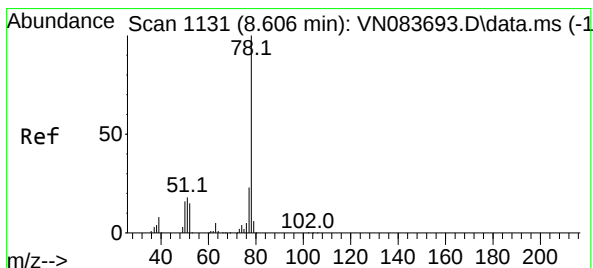
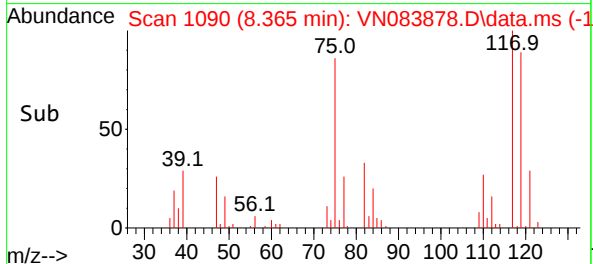
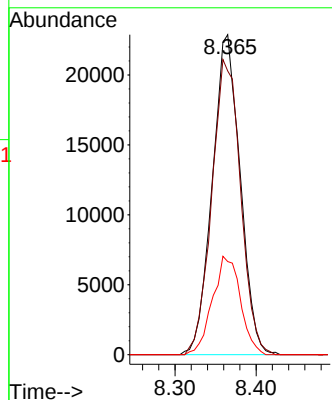
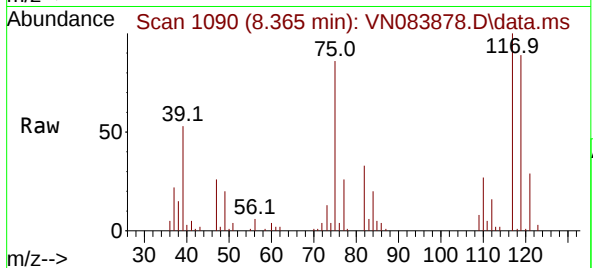




#33
Carbon Tetrachloride
Concen: 19.670 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

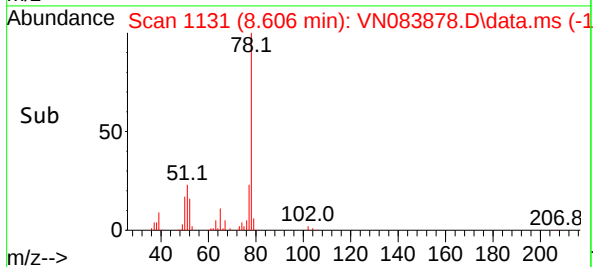
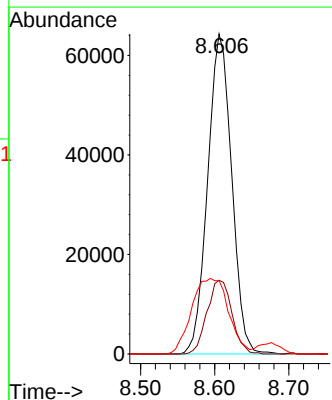
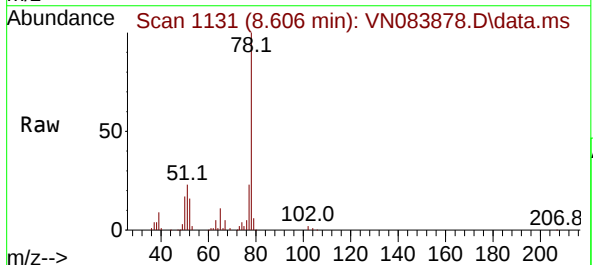
Instrument :
MSVOA_N
ClientSampleId :

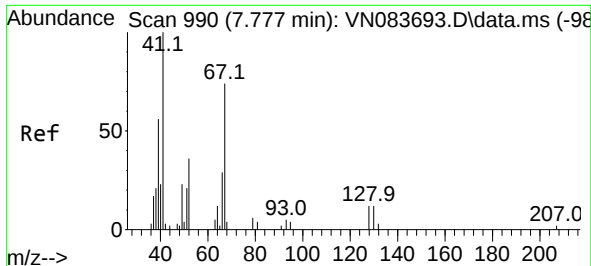
Tgt Ion:117 Resp: 54611
Ion Ratio Lower Upper
117 100
119 88.6 77.7 116.5
121 29.1 27.0 40.6



#34
Benzene
Concen: 20.112 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 78 Resp: 144859
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8
51 20.6 13.3 19.9#

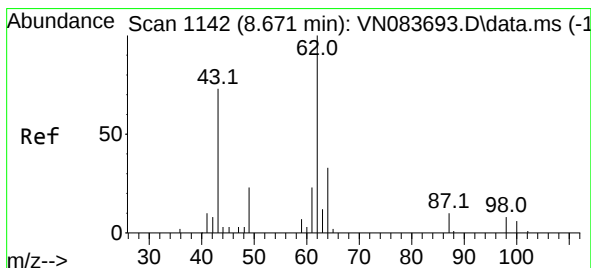
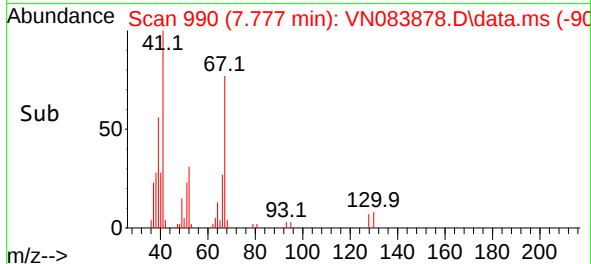
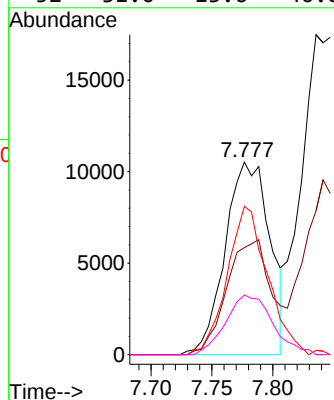
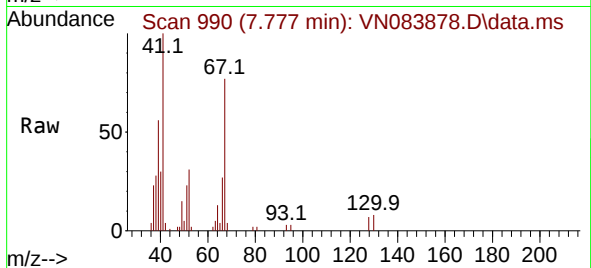




#35
Methacrylonitrile
Concen: 21.189 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

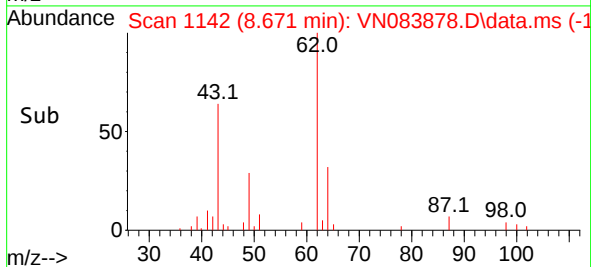
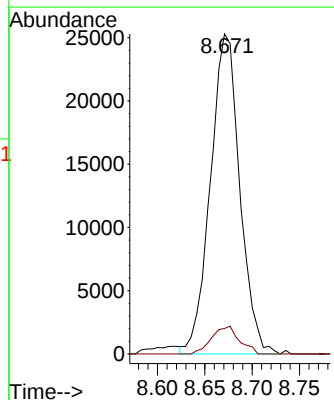
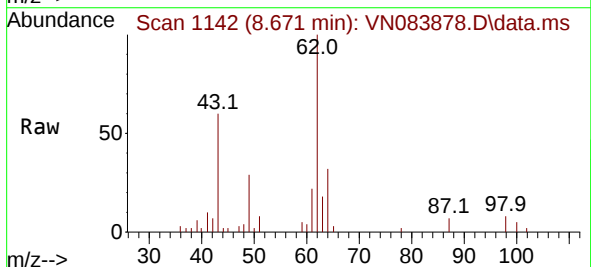
Instrument :
MSVOA_N
ClientSampleId :

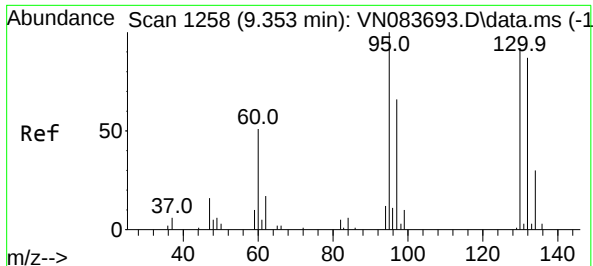
Tgt Ion: 41	Resp: 26954
Ion Ratio	Lower Upper
41 100	
39 55.5	25.3 75.9
67 77.0	38.7 116.1
52 31.0	13.6 40.8



#36
1,2-Dichloroethane
Concen: 20.187 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 62	Resp: 54661
Ion Ratio	Lower Upper
62 100	
98 8.1	8.2 12.4#





#37

Trichloroethene

Concen: 19.276 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

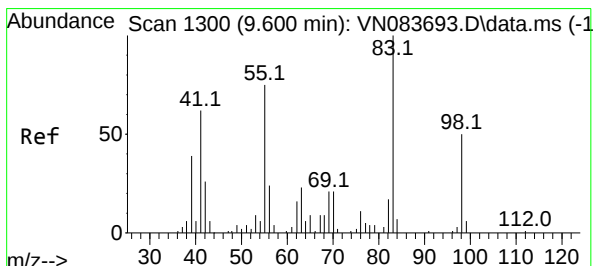
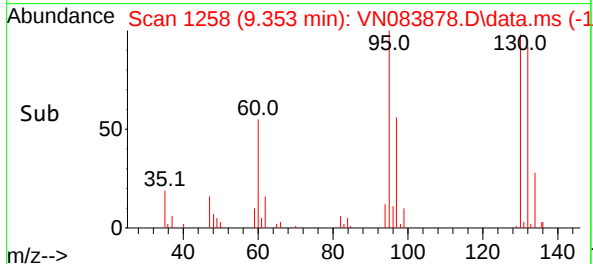
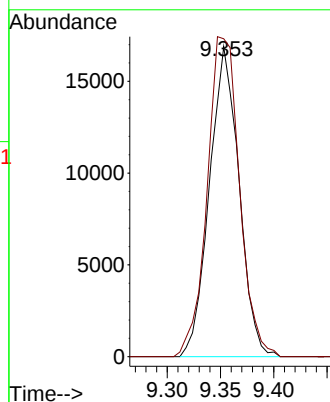
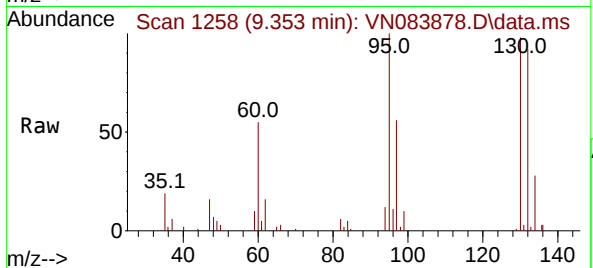
ClientSampleId :

Tgt Ion:130 Resp: 32604

Ion Ratio Lower Upper

130 100

95 102.6 80.2 120.4



#38

Methylcyclohexane

Concen: 18.094 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

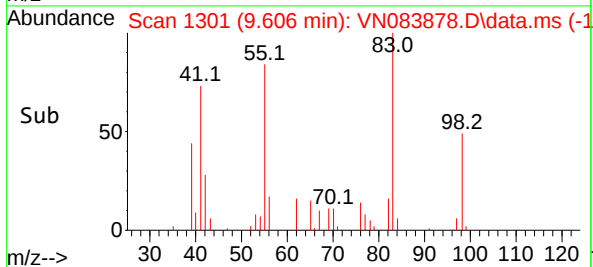
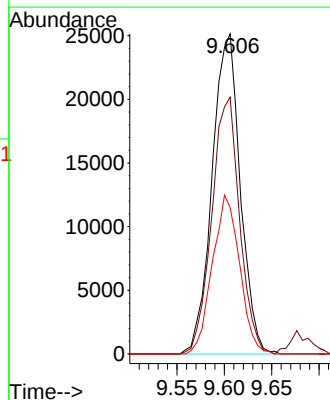
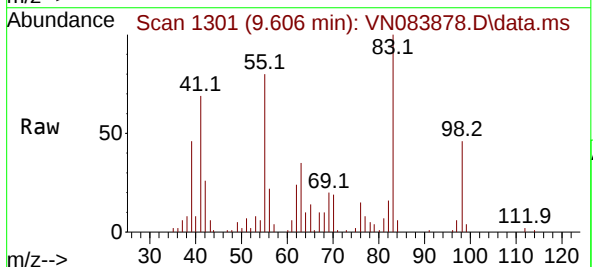
Tgt Ion: 83 Resp: 52002

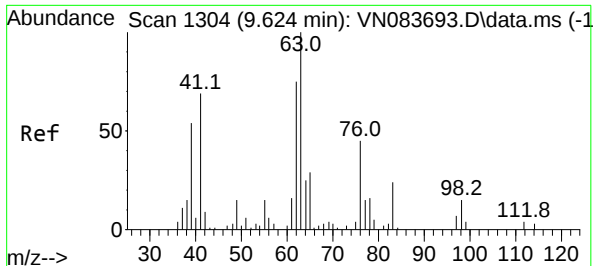
Ion Ratio Lower Upper

83 100

55 79.3 36.6 109.9

98 48.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.439 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

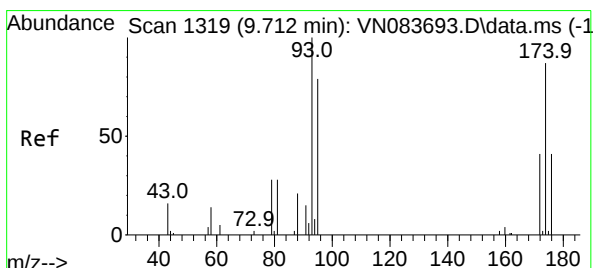
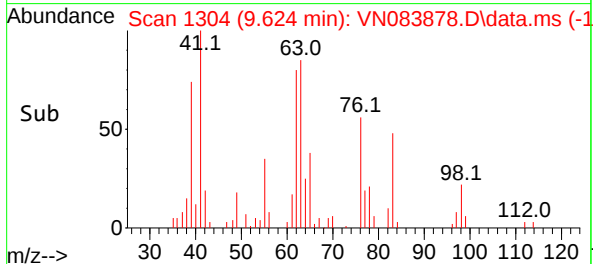
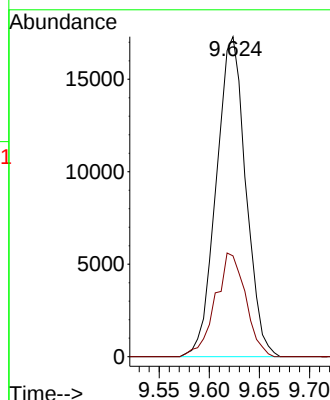
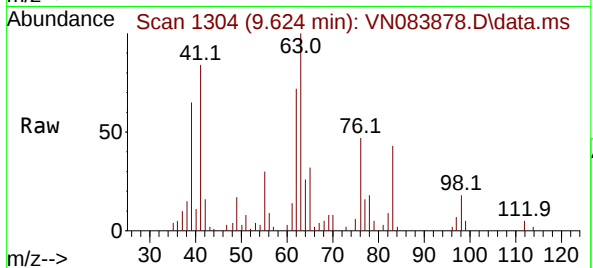
ClientSampleId :

Tgt Ion: 63 Resp: 35431

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#40

Dibromomethane

Concen: 20.457 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

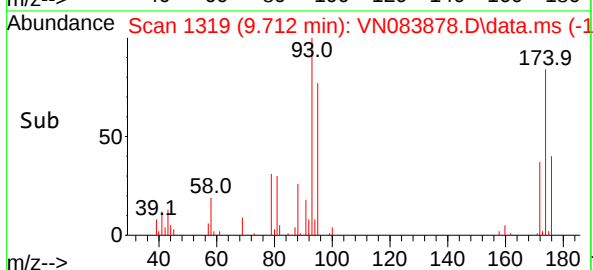
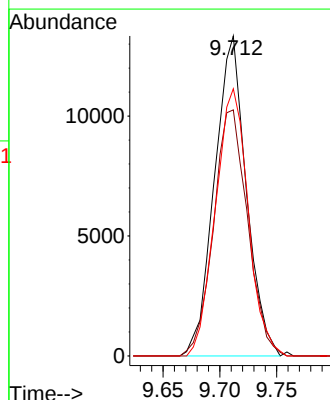
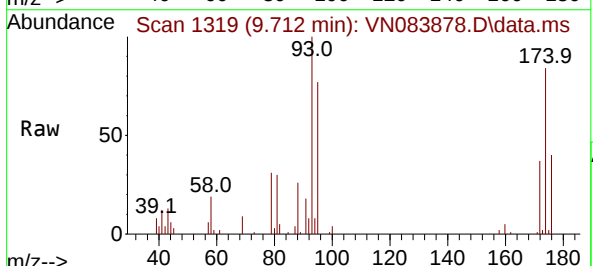
Tgt Ion: 93 Resp: 25930

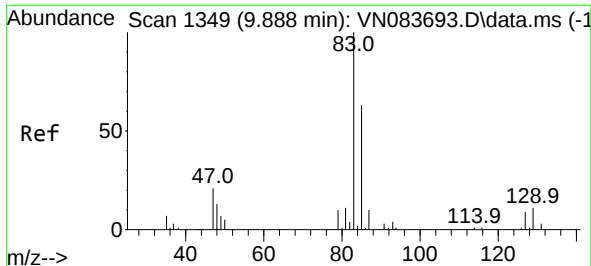
Ion Ratio Lower Upper

93 100

95 82.3 0.0 164.6

174 86.0 0.0 193.2

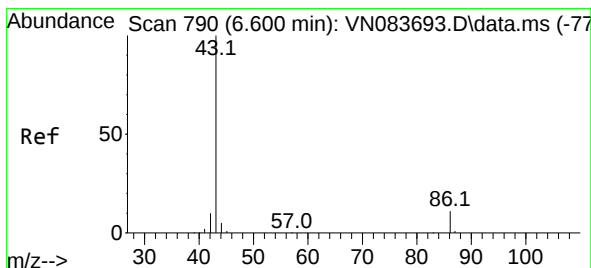
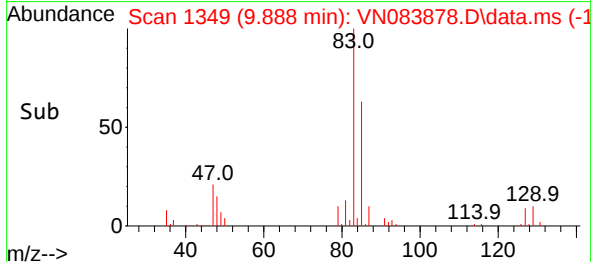
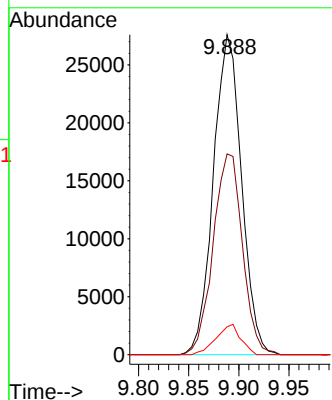
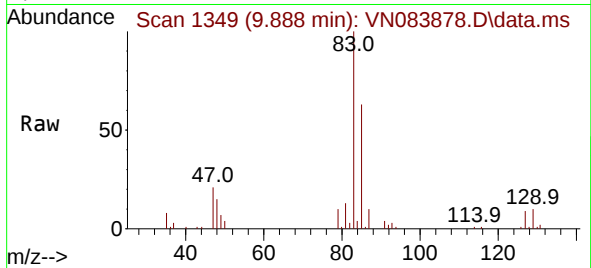




#41
Bromodichloromethane
Concen: 20.023 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

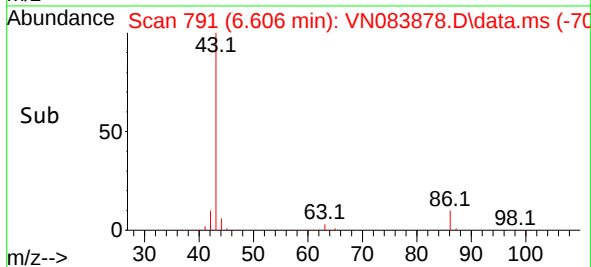
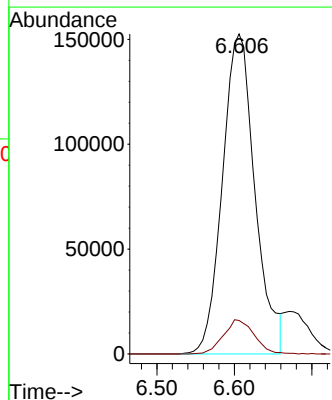
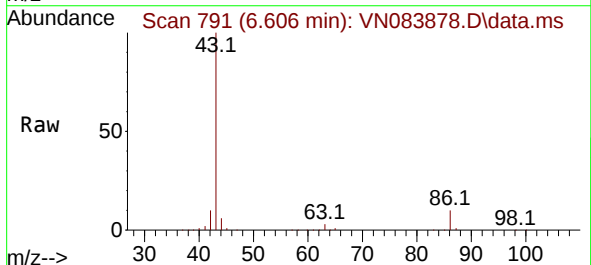
Instrument :
MSVOA_N
ClientSampleId :

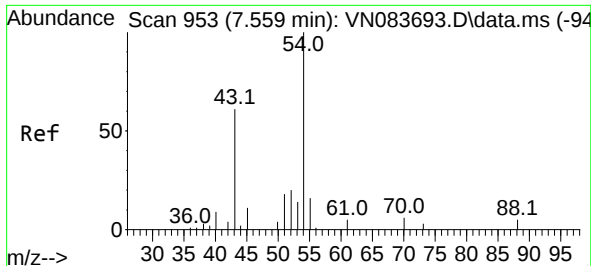
Tgt Ion: 83 Resp: 53970
Ion Ratio Lower Upper
83 100
85 62.8 49.4 74.2
127 8.7 7.3 10.9



#42
Vinyl Acetate
Concen: 95.874 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 43 Resp: 446059
Ion Ratio Lower Upper
43 100
86 10.1 9.4 14.2

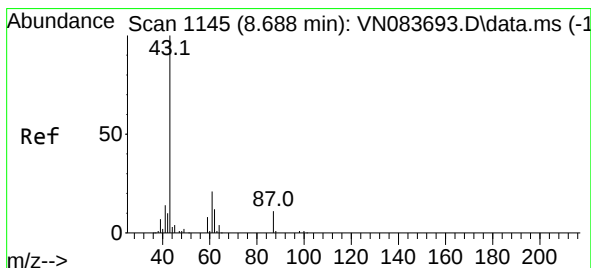
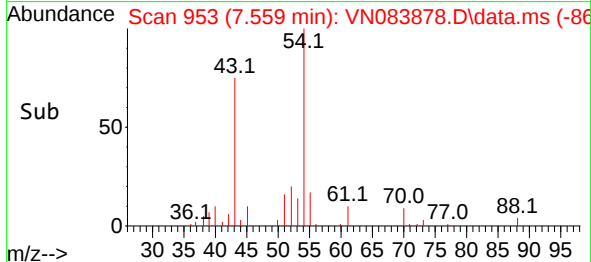
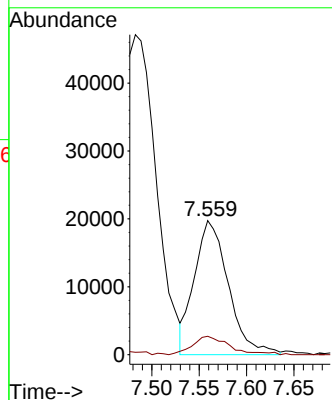
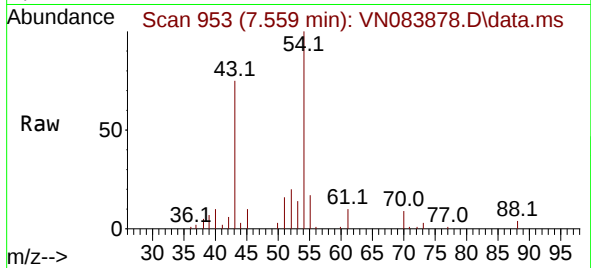




#43
Ethyl Acetate
Concen: 21.668 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

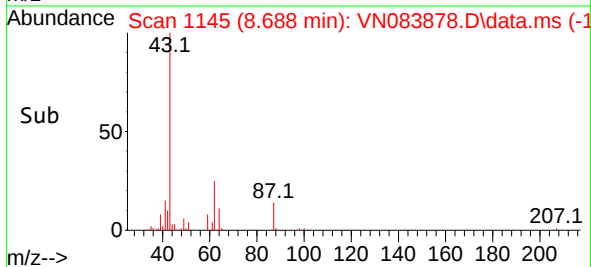
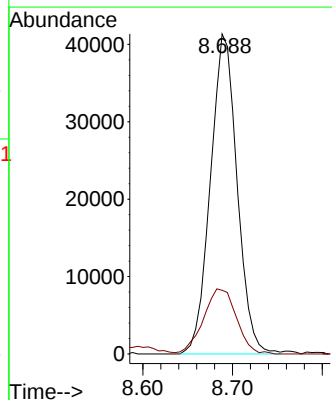
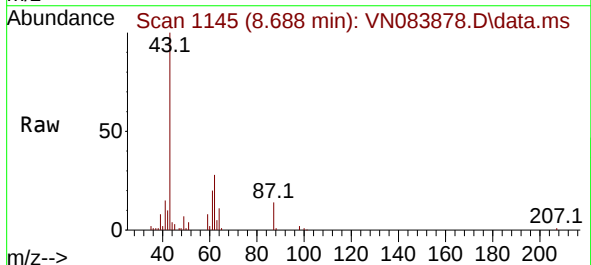
Instrument :
MSVOA_N
ClientSampleId :

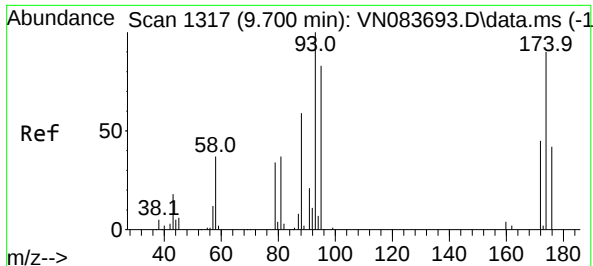
Tgt Ion: 43 Resp: 49353
Ion Ratio Lower Upper
43 100
45 13.9 10.6 15.8



#44
Isopropyl Acetate
Concen: 21.710 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 43 Resp: 85526
Ion Ratio Lower Upper
43 100
61 25.0 25.0 37.4#





#45

1,4-Dioxane

Concen: 483.889 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

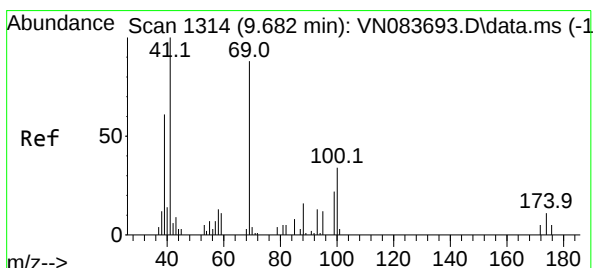
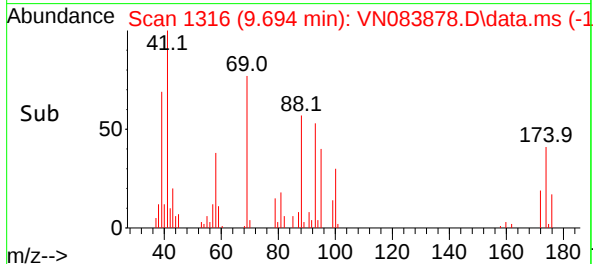
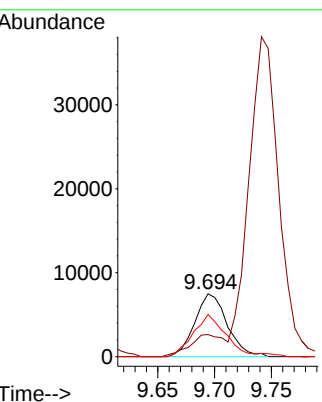
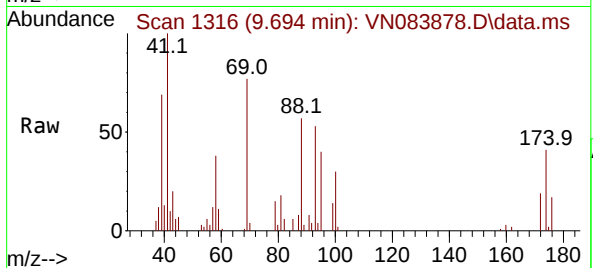
Tgt Ion: 88 Resp: 14868

Ion Ratio Lower Upper

88 100

43 37.9 19.8 29.6#

58 66.7 55.4 83.0



#46

Methyl methacrylate

Concen: 21.483 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

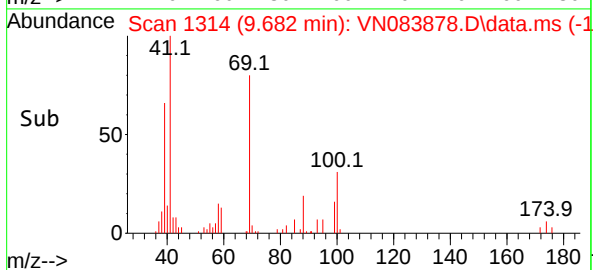
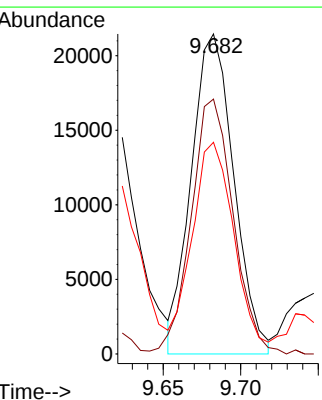
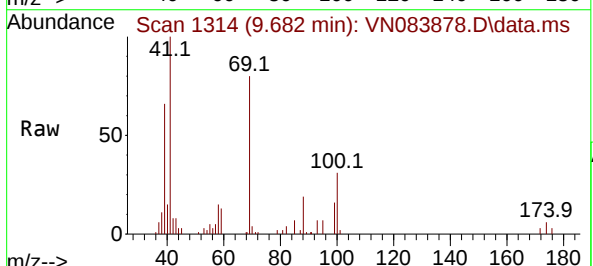
Tgt Ion: 41 Resp: 40963

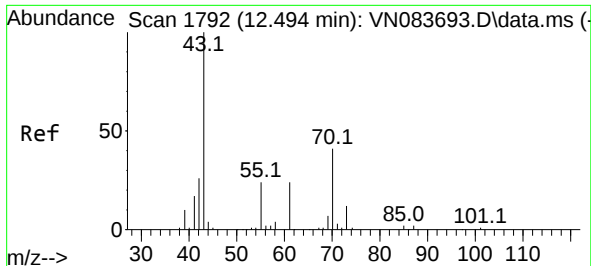
Ion Ratio Lower Upper

41 100

69 81.1 51.1 153.3

39 65.2 25.8 77.3





#47

n-amyl acetate

Concen: 21.724 ug/l

RT: 12.494 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

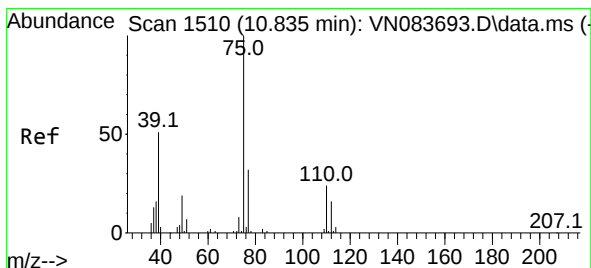
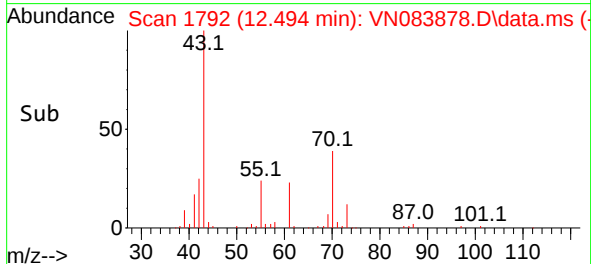
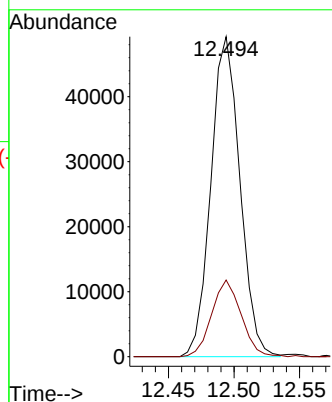
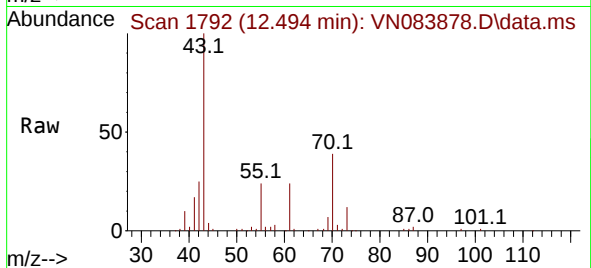
ClientSampleId :

Tgt Ion: 43 Resp: 75807

Ion Ratio Lower Upper

43 100

55 24.3 23.4 35.2



#48

t-1,3-Dichloropropene

Concen: 18.464 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN083878.D

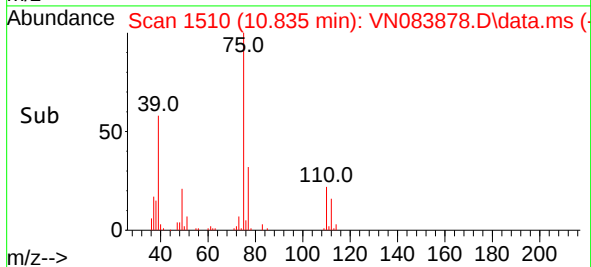
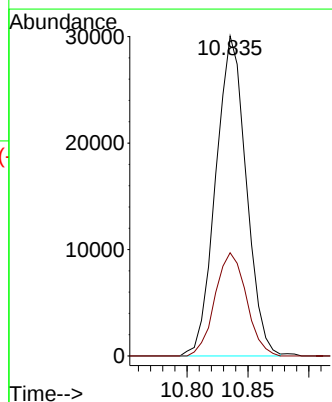
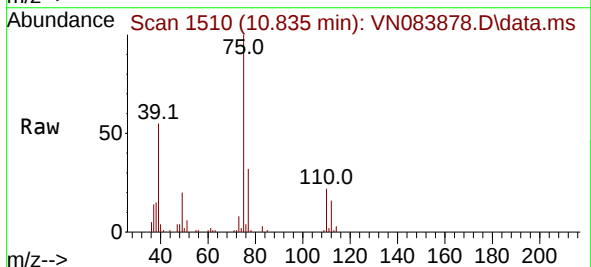
Acq: 13 Sep 2024 18:31

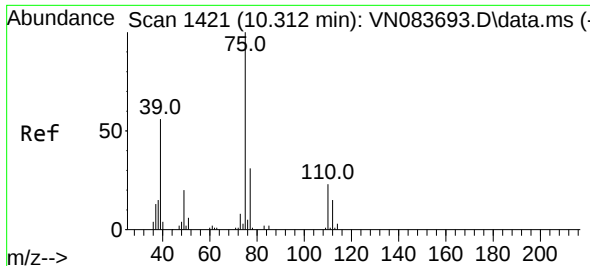
Tgt Ion: 75 Resp: 52347

Ion Ratio Lower Upper

75 100

77 32.3 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.122 ug/l

RT: 10.318 min Scan# 1421

Delta R.T. 0.006 min

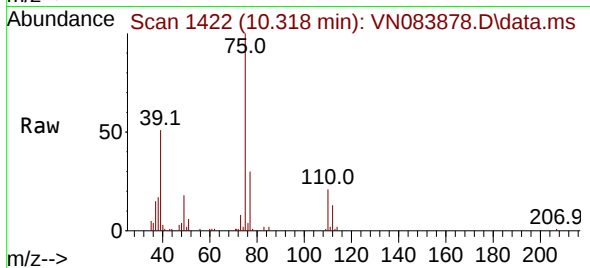
Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :



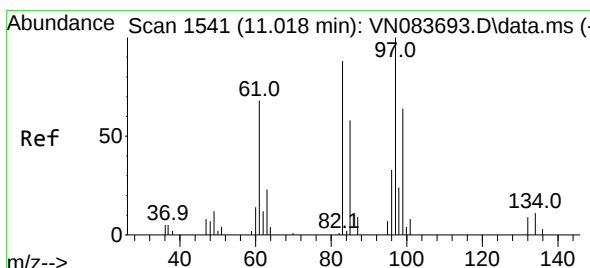
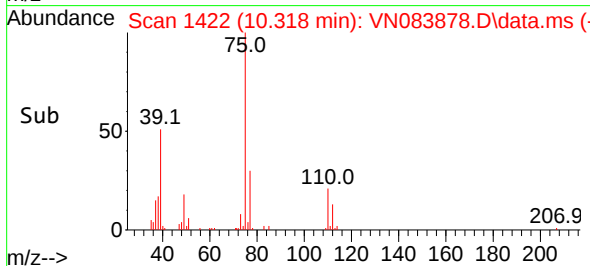
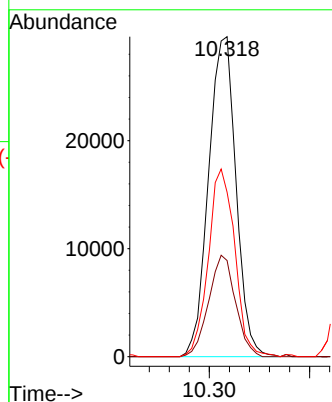
Tgt Ion: 75 Resp: 56381

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3

39 51.4 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 20.985 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Tgt Ion: 97 Resp: 33846

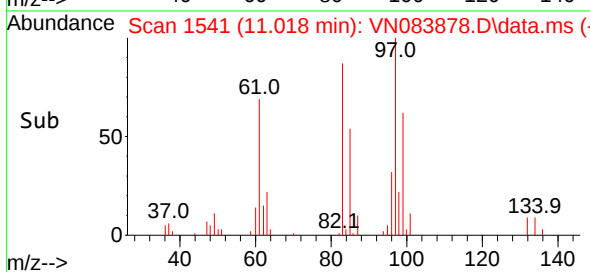
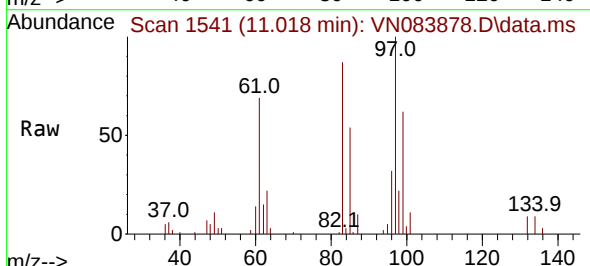
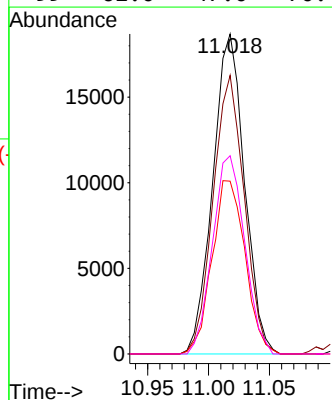
Ion Ratio Lower Upper

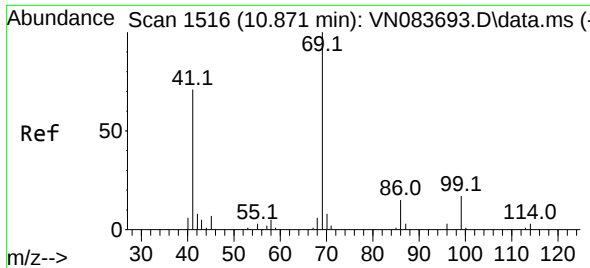
97 100

83 87.1 68.1 102.1

85 54.0 41.8 62.6

99 62.0 47.0 70.4

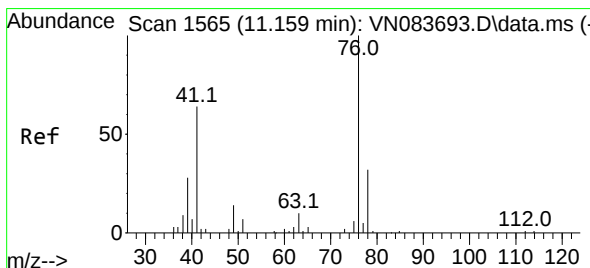
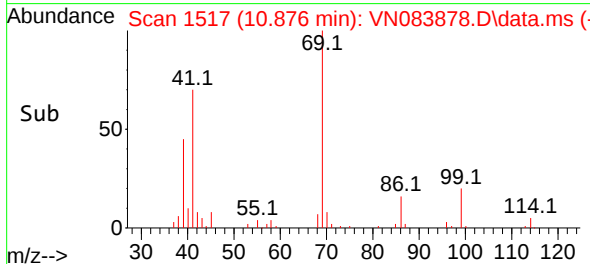
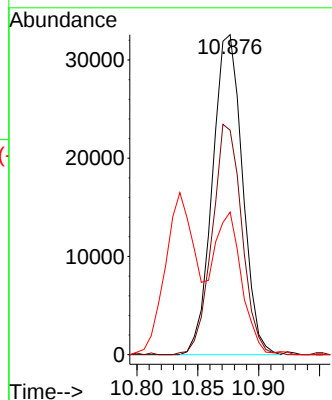
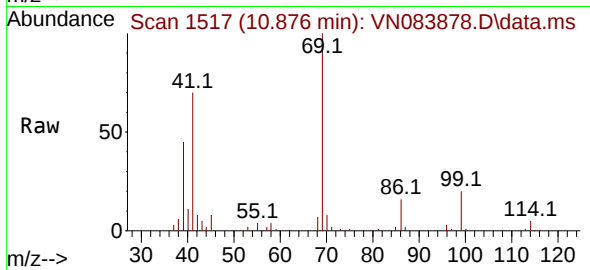




#51
Ethyl methacrylate
Concen: 20.242 ug/l
RT: 10.876 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

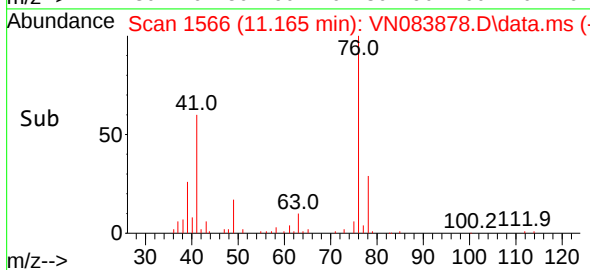
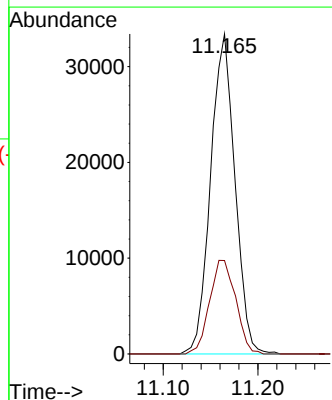
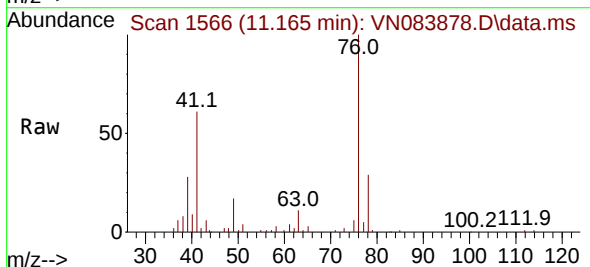
Instrument :
MSVOA_N
ClientSampleId :

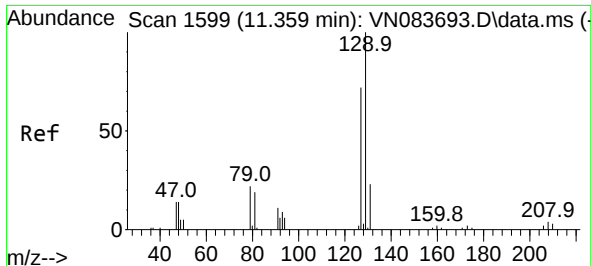
Tgt Ion: 69 Resp: 55777
Ion Ratio Lower Upper
69 100
41 69.6 25.5 76.5
39 43.6 16.0 47.9



#52
1,3-Dichloropropane
Concen: 20.475 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 76 Resp: 59637
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.8

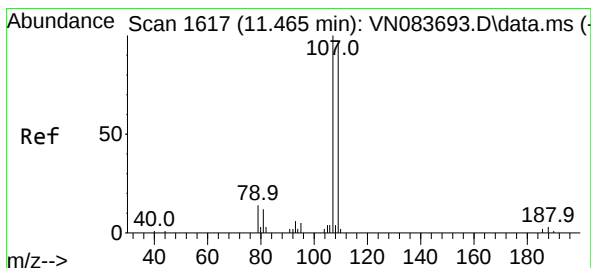
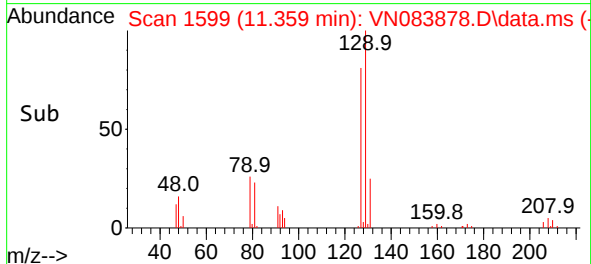
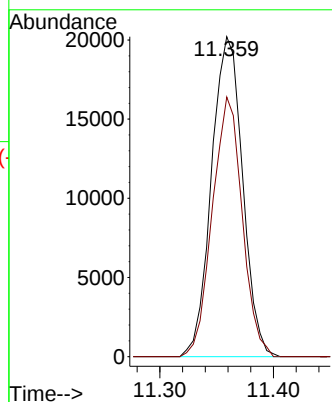
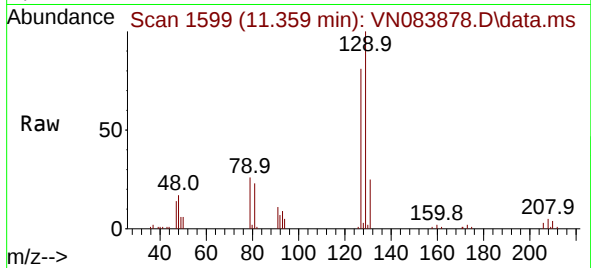




#53
 Dibromochloromethane
 Concen: 19.879 ug/l
 RT: 11.359 min Scan# 1599
 Delta R.T. 0.000 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

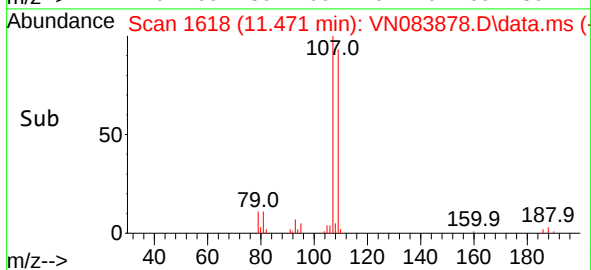
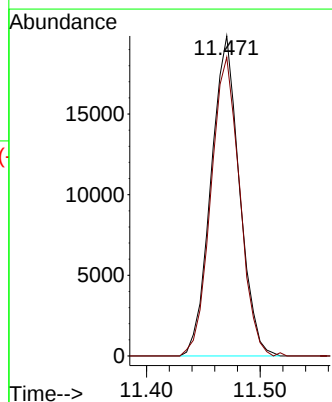
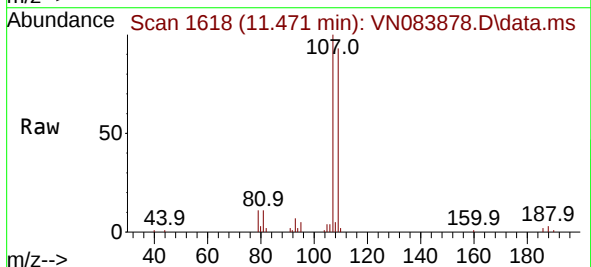
Instrument :
 MSVOA_N
 ClientSampleId :

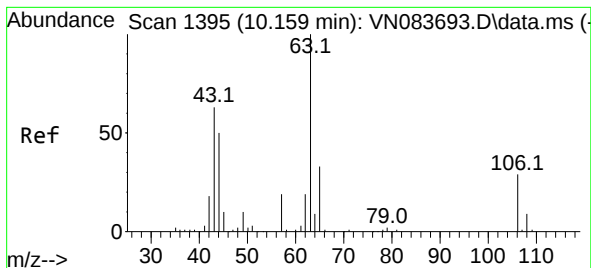
Tgt Ion:129 Resp: 38457
 Ion Ratio Lower Upper
 129 100
 127 77.9 39.4 118.1



#54
 1,2-Dibromoethane
 Concen: 20.680 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

Tgt Ion:107 Resp: 34505
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.7 112.1

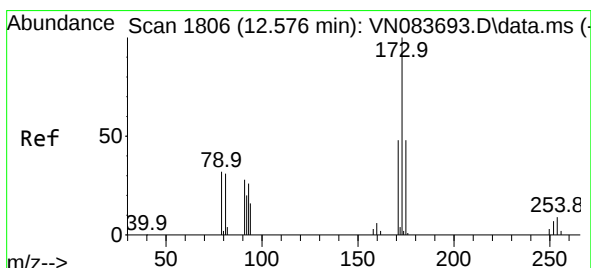
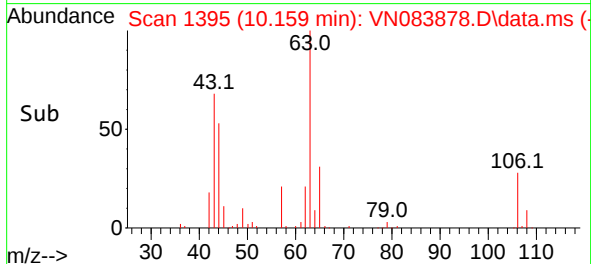
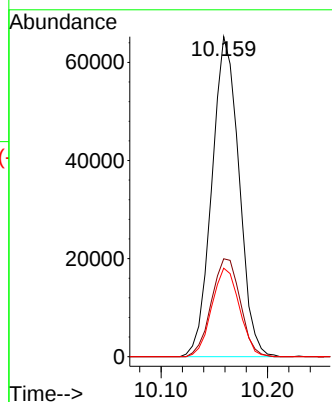
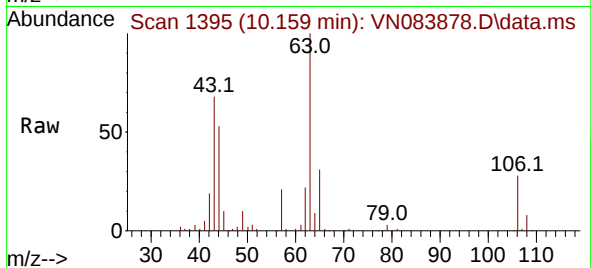




#55
2-Chloroethyl vinyl ether
Concen: 105.100 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

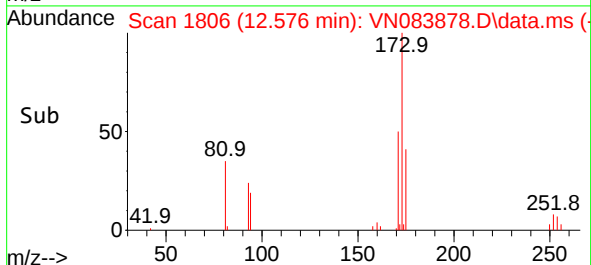
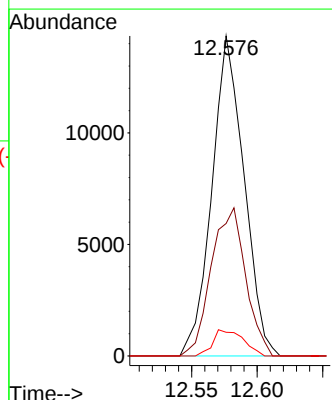
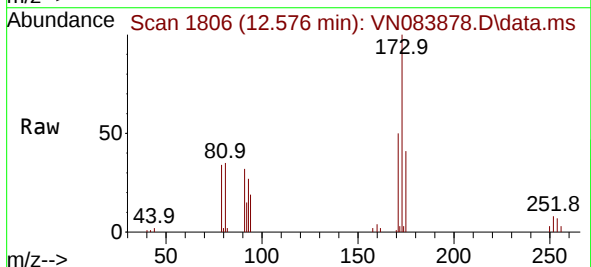
Instrument :
MSVOA_N
ClientSampleId :

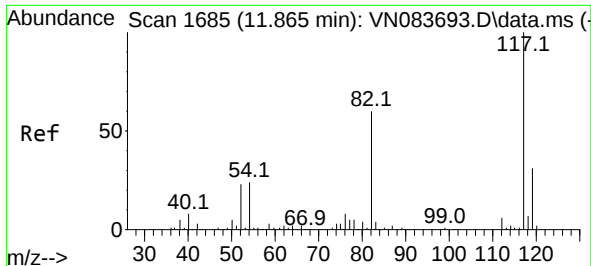
Tgt Ion: 63 Resp: 115416
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.2
106 28.2 23.8 35.8



#56
Bromoform
Concen: 19.877 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion:173 Resp: 24430
Ion Ratio Lower Upper
173 100
175 49.5 40.0 60.0
254 7.8 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

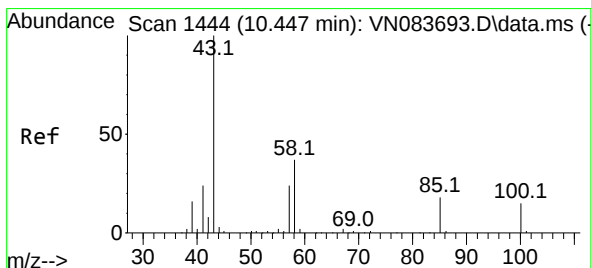
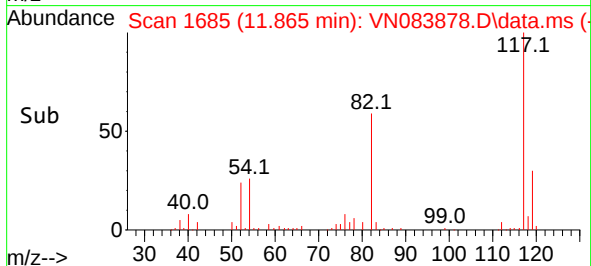
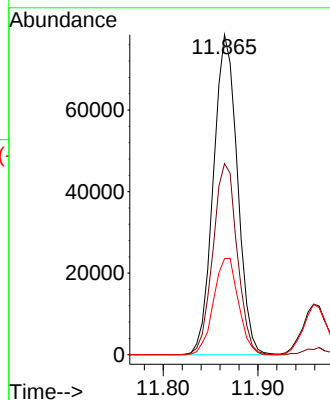
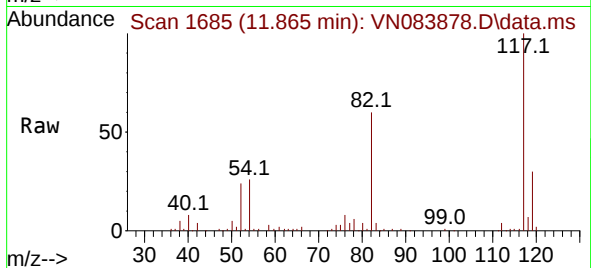
Tgt Ion:117 Resp: 138264

Ion Ratio Lower Upper

117 100

82 60.2 46.6 69.8

119 31.3 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 117.921 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

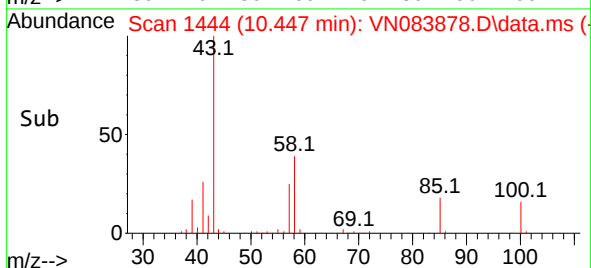
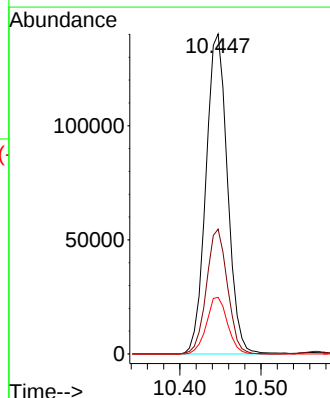
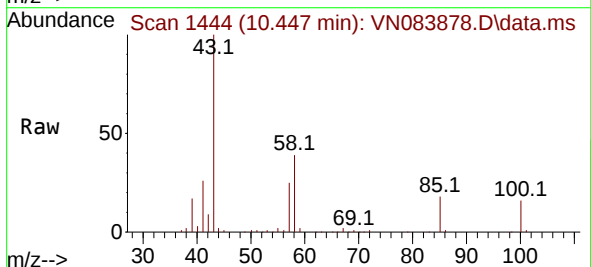
Tgt Ion: 43 Resp: 258523

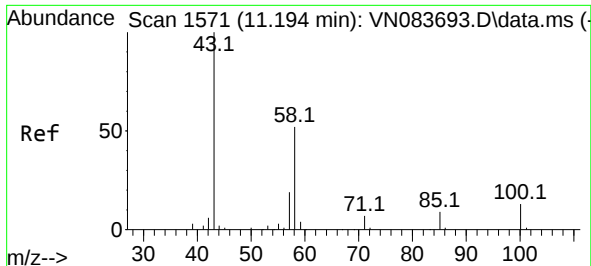
Ion Ratio Lower Upper

43 100

58 38.1 36.5 54.7

85 17.3 19.5 29.3#

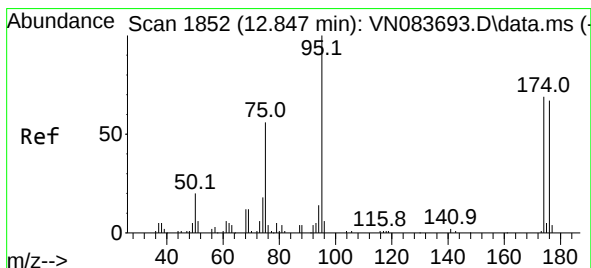
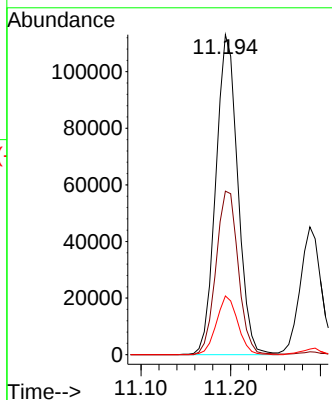
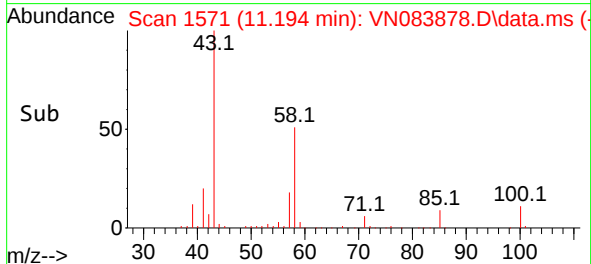
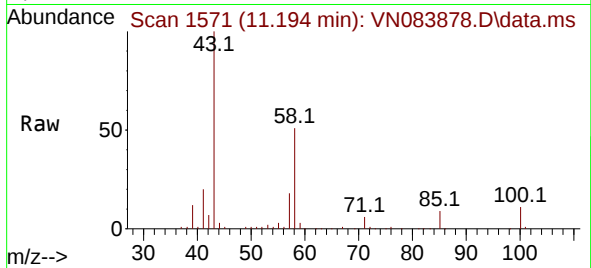




#59
2-Hexanone
Concen: 115.958 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

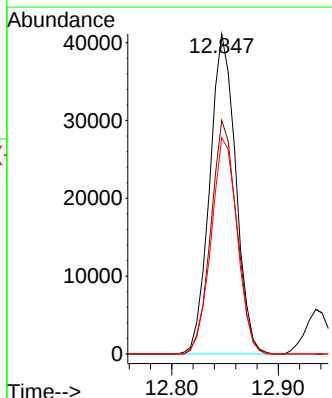
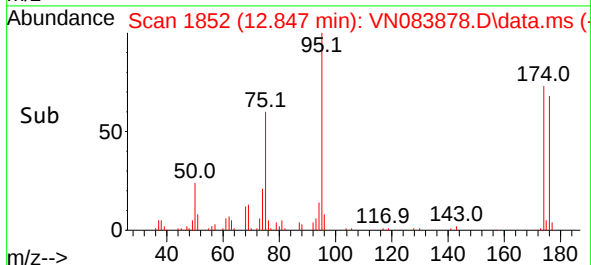
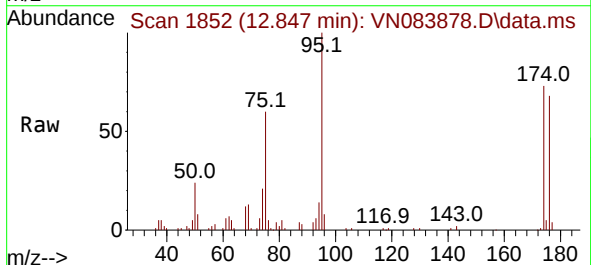
Instrument :
MSVOA_N
ClientSampleId :

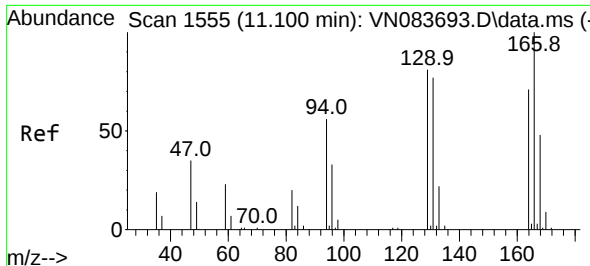
Tgt Ion: 43 Resp: 192092
Ion Ratio Lower Upper
43 100
58 51.8 50.4 75.6
57 17.9 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 29.196 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

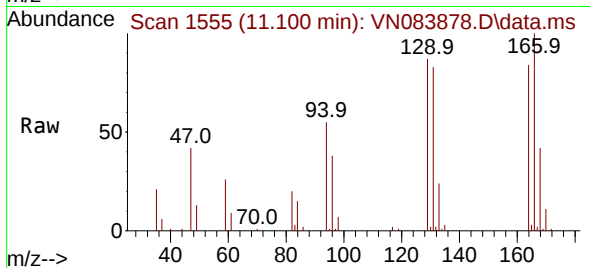
Tgt Ion: 95 Resp: 69572
Ion Ratio Lower Upper
95 100
174 72.5 60.5 90.7
176 67.9 57.8 86.6



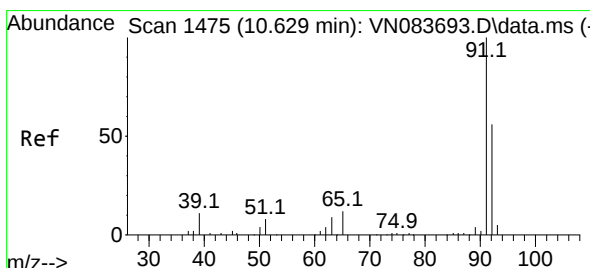
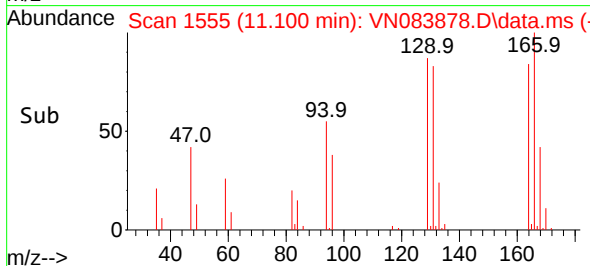
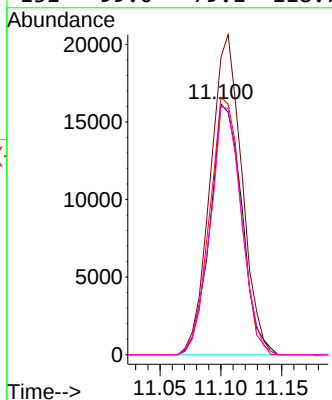


#61
Tetrachloroethene
Concen: 20.071 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

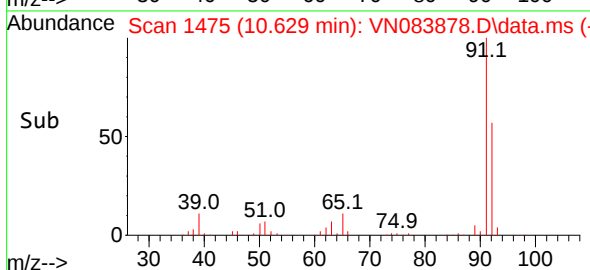
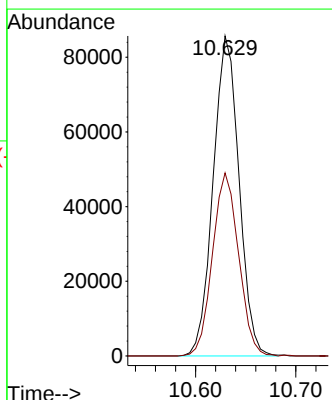
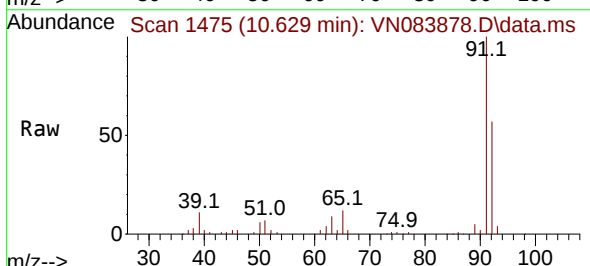


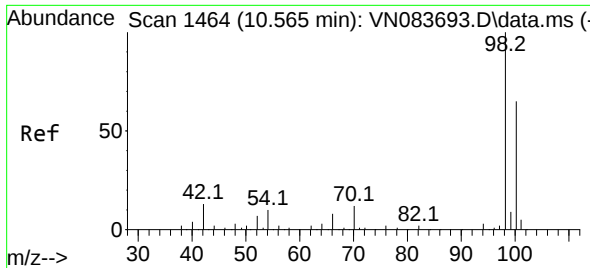
Tgt Ion:164 Resp: 29370
Ion Ratio Lower Upper
164 100
166 118.7 106.7 160.1
129 102.8 85.8 128.6
131 99.0 79.1 118.7



#62
Toluene
Concen: 19.328 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 91 Resp: 153605
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7

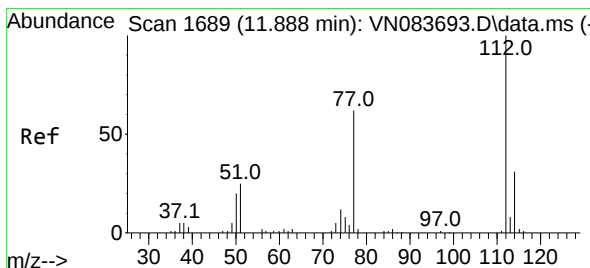
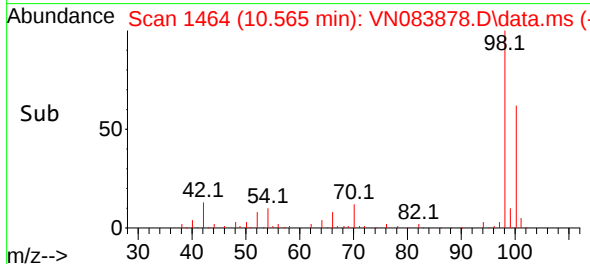
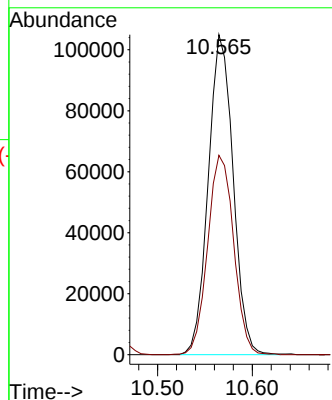
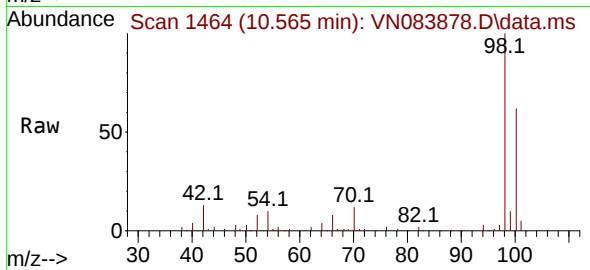




#63
Toluene-d8
Concen: 29.888 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

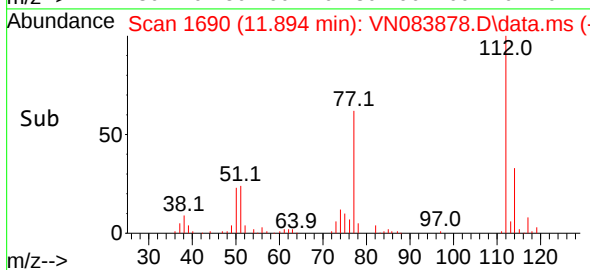
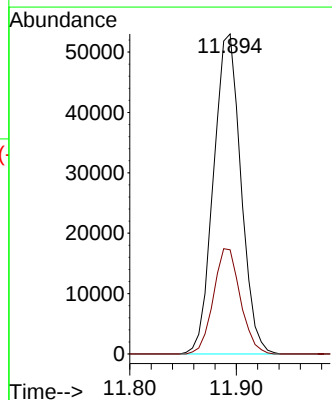
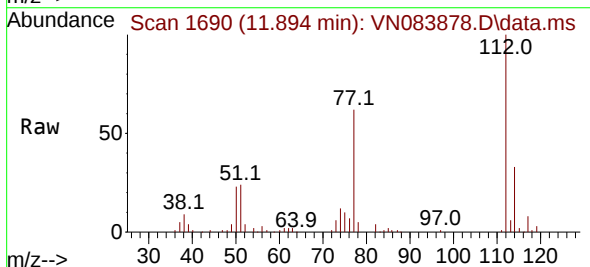
Instrument :
MSVOA_N
ClientSampleId :

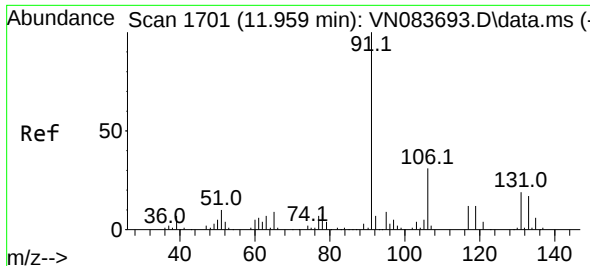
Tgt Ion: 98 Resp: 191346
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#64
Chlorobenzene
Concen: 19.228 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 112 Resp: 94611
Ion Ratio Lower Upper
112 100
114 32.6 26.6 39.8

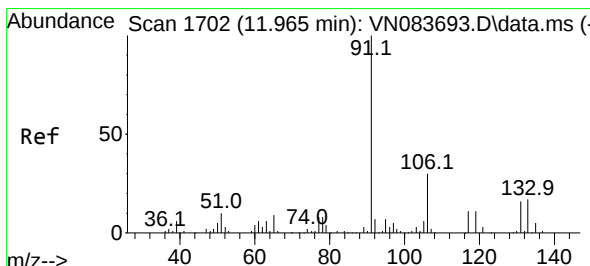
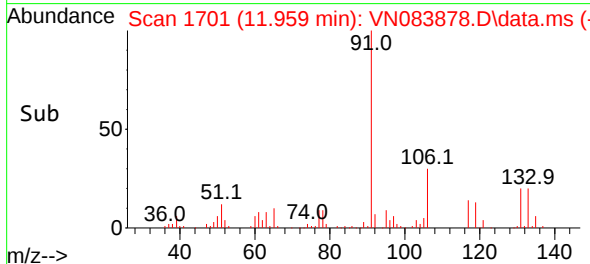
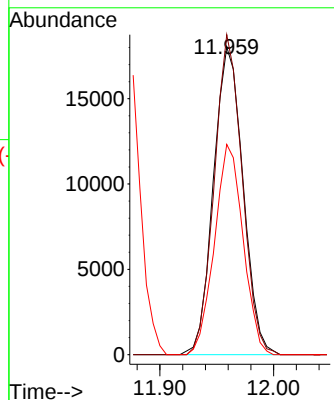
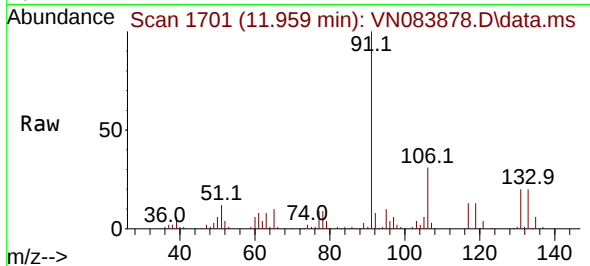




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.034 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

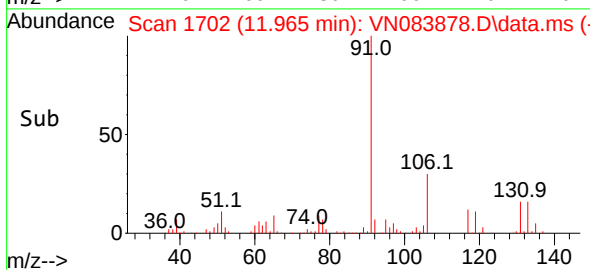
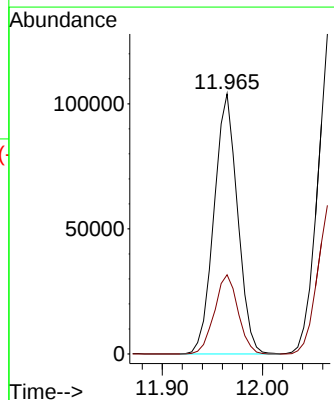
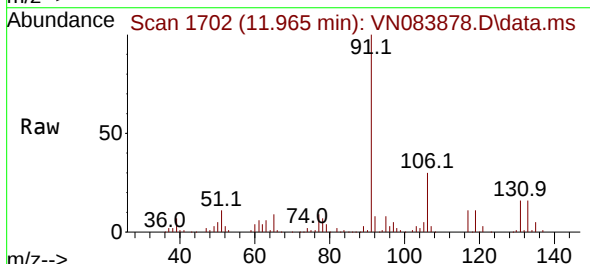
Instrument :
 MSVOA_N
 ClientSampleId :

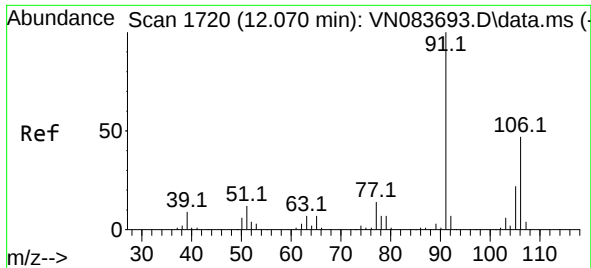
Tgt Ion:131 Resp: 32626
 Ion Ratio Lower Upper
 131 100
 133 98.0 0.0 188.0
 119 66.0 0.0 122.8



#66
 Ethyl Benzene
 Concen: 18.729 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

Tgt Ion: 91 Resp: 169263
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.4 36.6

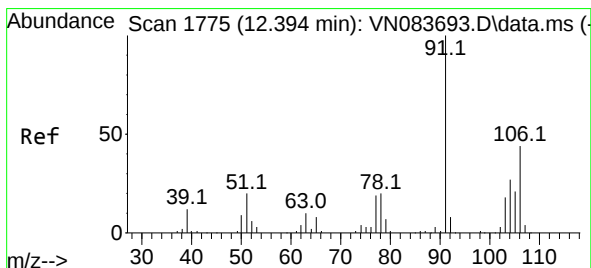
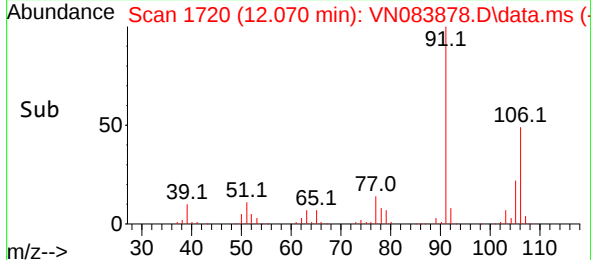
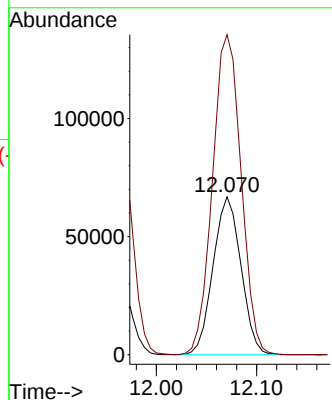
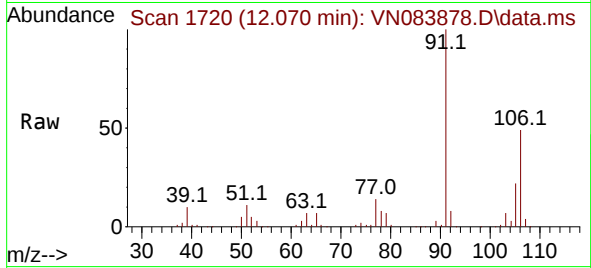




#67
m/p-Xylenes
Concen: 38.753 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

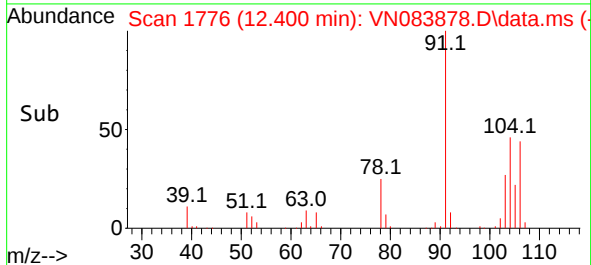
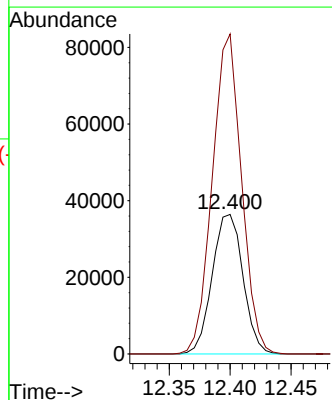
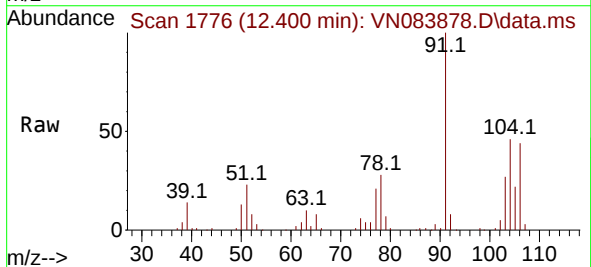
Instrument :
MSVOA_N
ClientSampleId :

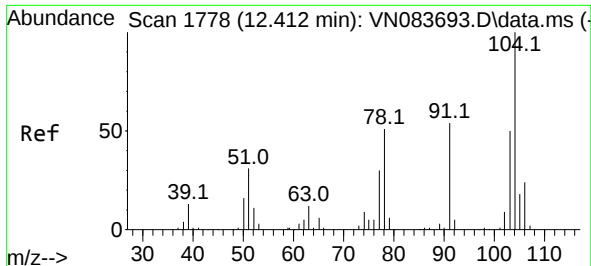
Tgt Ion:106 Resp: 128854
Ion Ratio Lower Upper
106 100
91 208.3 166.6 249.8



#68
o-Xylene
Concen: 19.883 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion:106 Resp: 63984
Ion Ratio Lower Upper
106 100
91 217.5 110.0 330.0

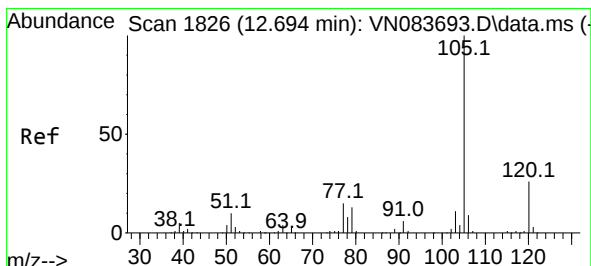
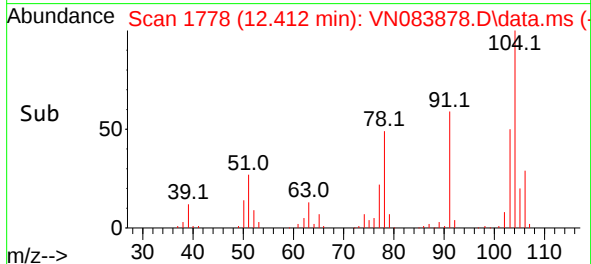
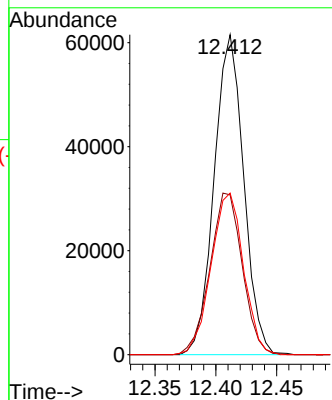
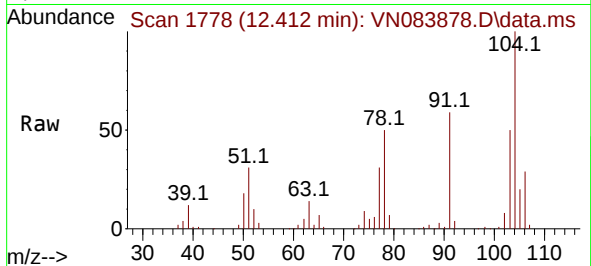




#69
Styrene
Concen: 19.115 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

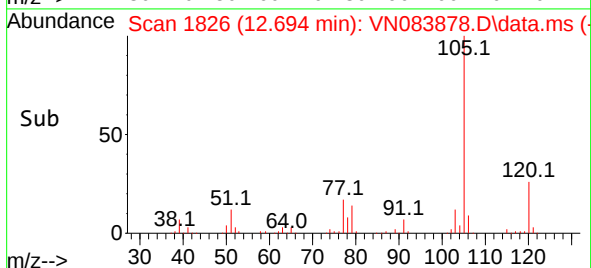
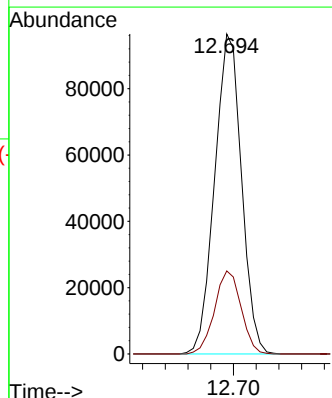
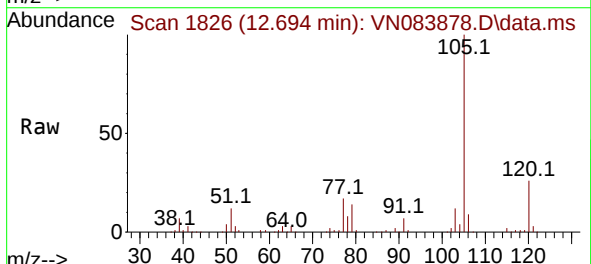
Instrument :
MSVOA_N
ClientSampleId :

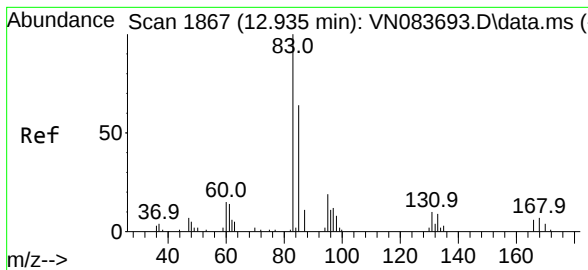
Tgt Ion:104 Resp: 103935
Ion Ratio Lower Upper
104 100
78 55.4 42.6 64.0
103 55.3 43.7 65.5



#70
Isopropylbenzene
Concen: 18.627 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion:105 Resp: 158185
Ion Ratio Lower Upper
105 100
120 25.6 17.8 33.1

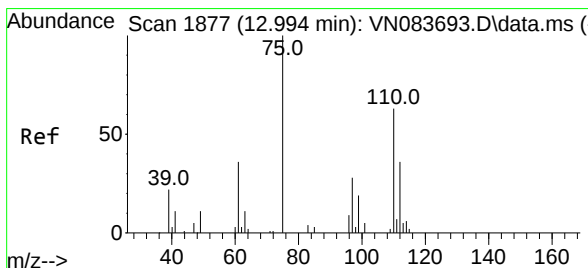
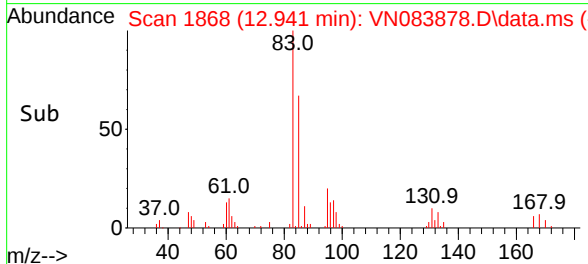
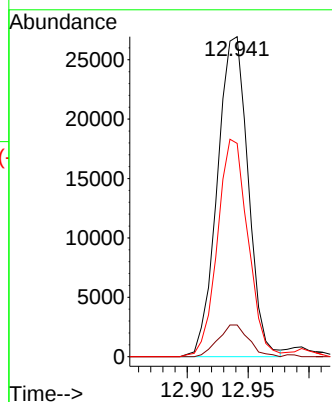
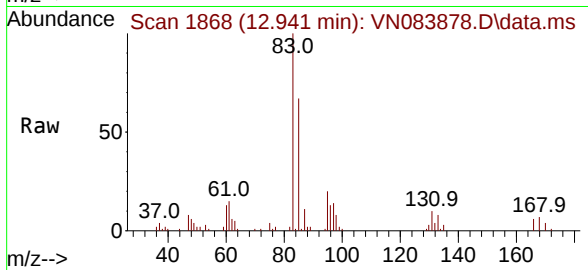




#71
1,1,2,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

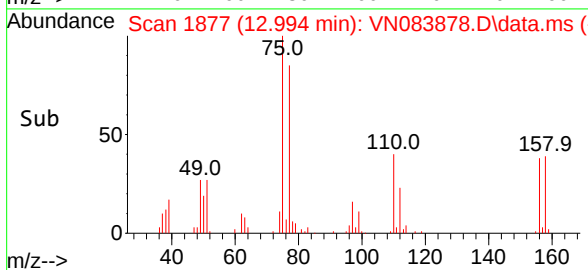
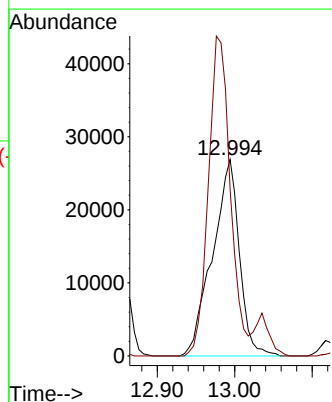
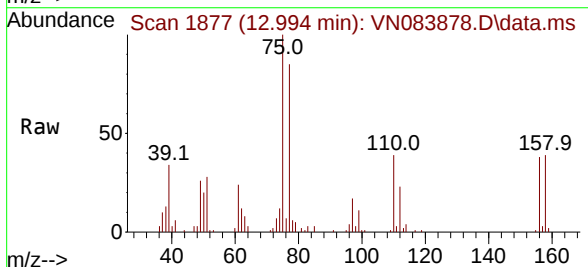
Instrument :
MSVOA_N
ClientSampleId :

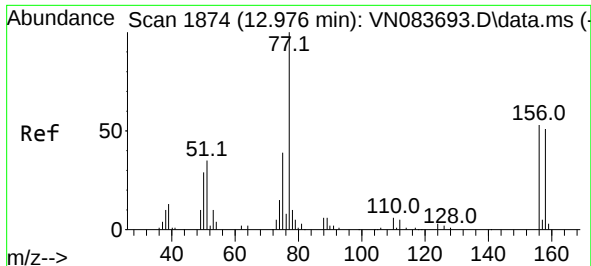
Tgt Ion: 83 Resp: 47477
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 67.1 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 31.902 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 75 Resp: 64876
Ion Ratio Lower Upper
75 100
77 132.4 0.0 367.6

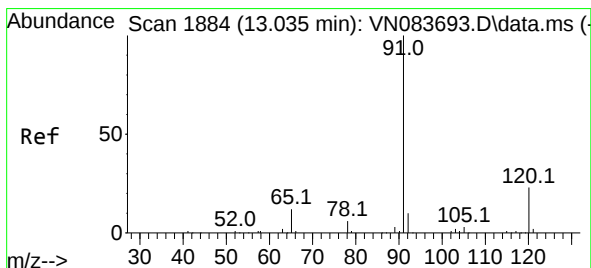
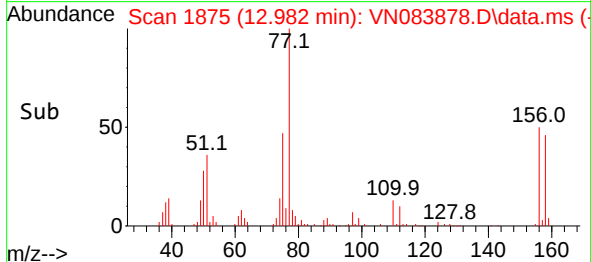
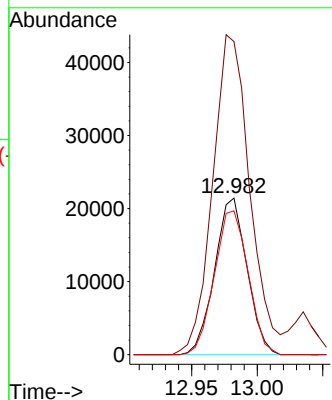
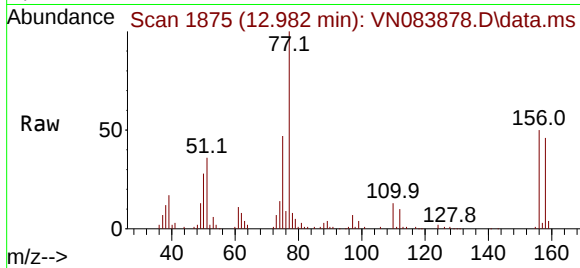




#73
Bromobenzene
Concen: 18.861 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

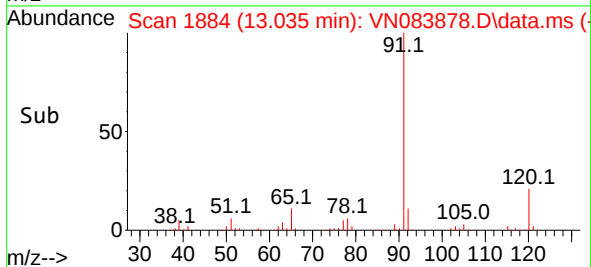
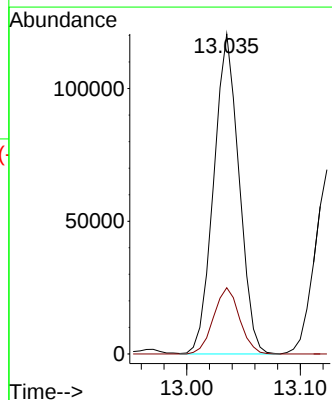
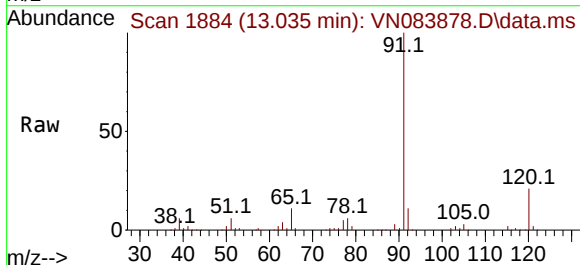
Instrument :
MSVOA_N
ClientSampleId :

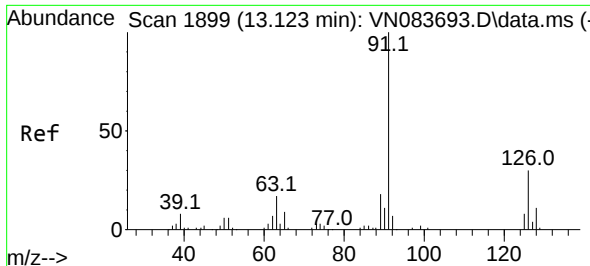
Tgt Ion:156 Resp: 36790
Ion Ratio Lower Upper
156 100
77 233.5 0.0 437.6
158 95.6 0.0 203.8



#74
n-propylbenzene
Concen: 18.758 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 91 Resp: 186472
Ion Ratio Lower Upper
91 100
120 21.2 0.0 43.8

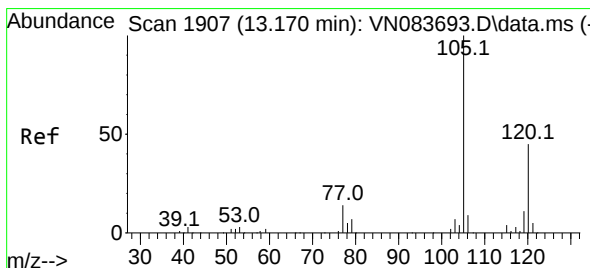
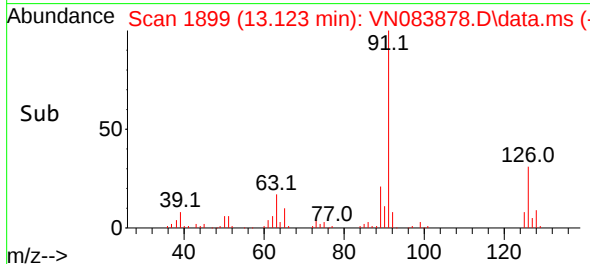
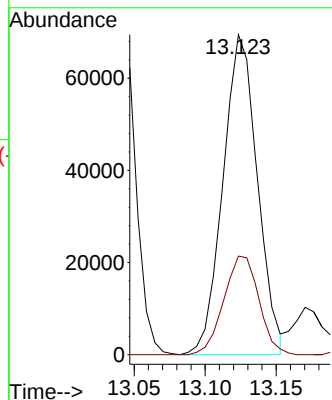
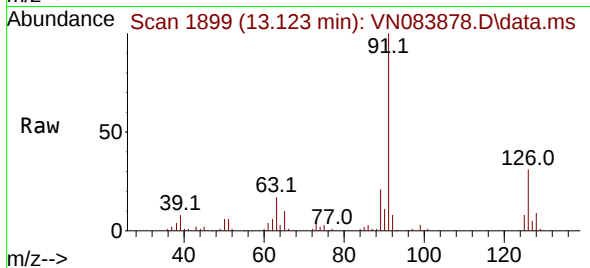




#75
2-Chlorotoluene
Concen: 18.852 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

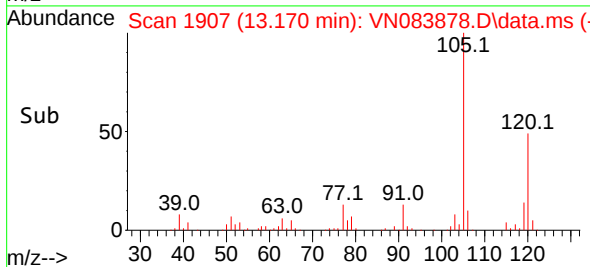
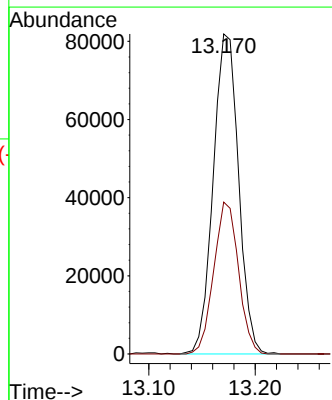
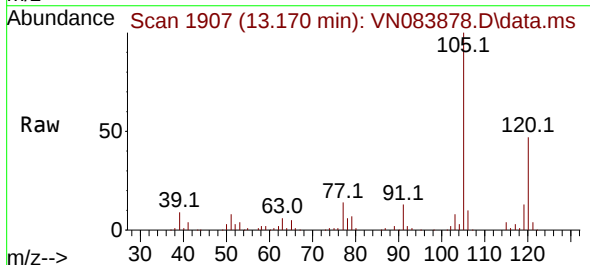
Instrument :
MSVOA_N
ClientSampleId :

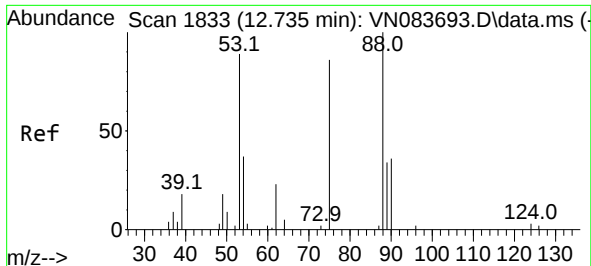
Tgt Ion: 91 Resp: 116966
Ion Ratio Lower Upper
91 100
126 31.4 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.047 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion: 105 Resp: 135115
Ion Ratio Lower Upper
105 100
120 46.2 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.987 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

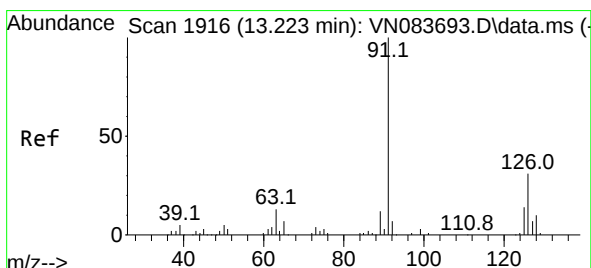
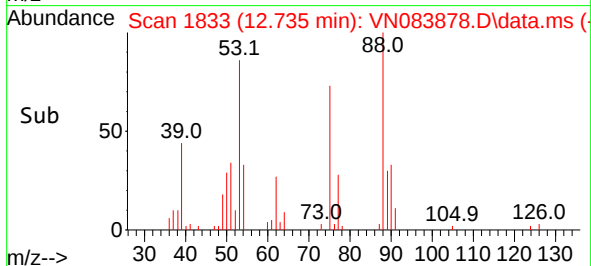
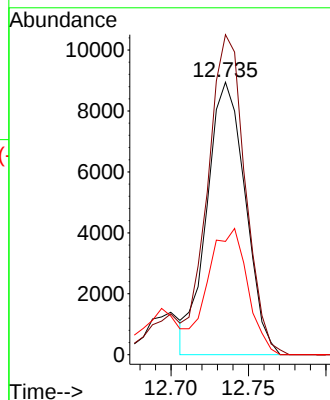
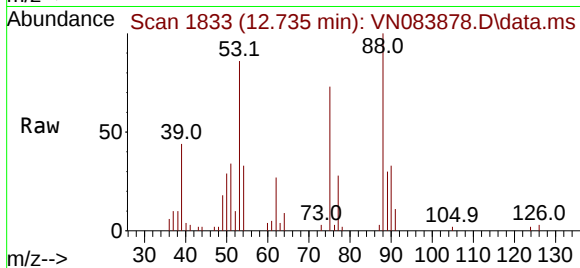
Tgt Ion: 75 Resp: 15461

Ion Ratio Lower Upper

75 100

53 115.7 45.9 137.7

89 41.6 25.9 77.7



#78

4-Chlorotoluene

Concen: 18.490 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN083878.D

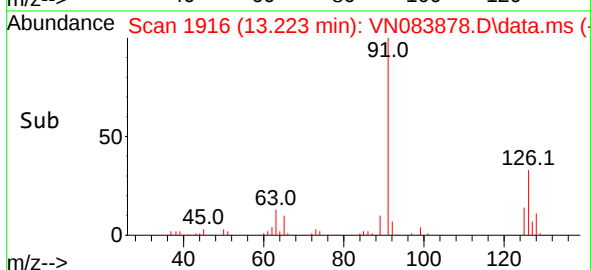
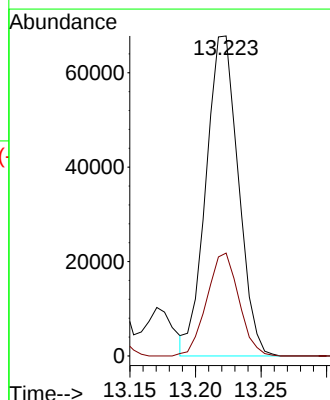
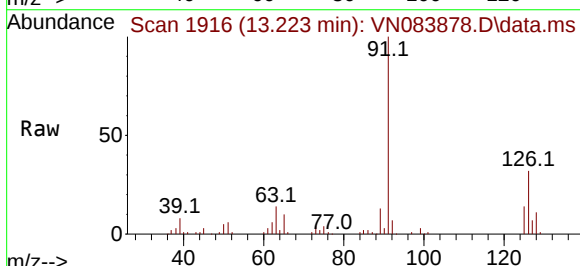
Acq: 13 Sep 2024 18:31

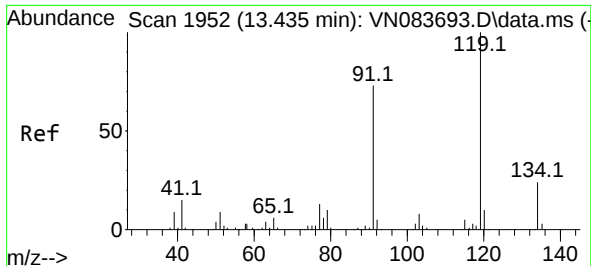
Tgt Ion: 91 Resp: 116344

Ion Ratio Lower Upper

91 100

126 31.9 0.0 62.8





#79

tert-butylbenzene

Concen: 18.646 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN083878.D

Acq: 13 Sep 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

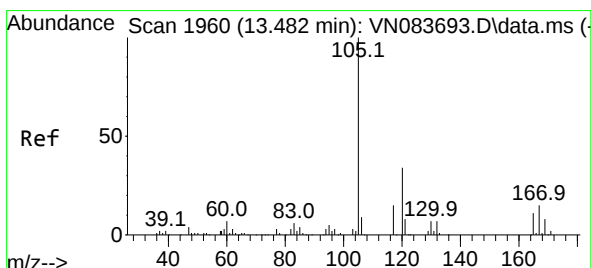
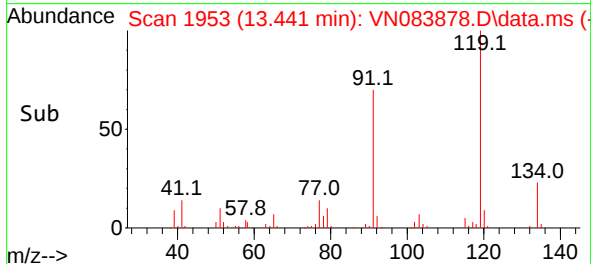
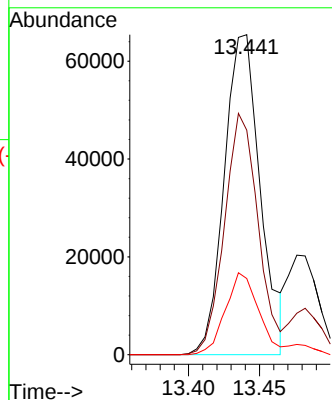
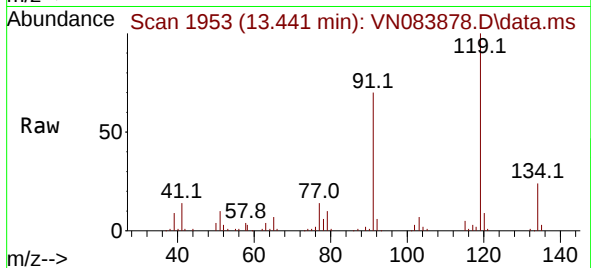
Tgt Ion:119 Resp: 115663

Ion Ratio Lower Upper

119 100

91 70.5 0.0 138.8

134 23.5 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 18.768 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083878.D

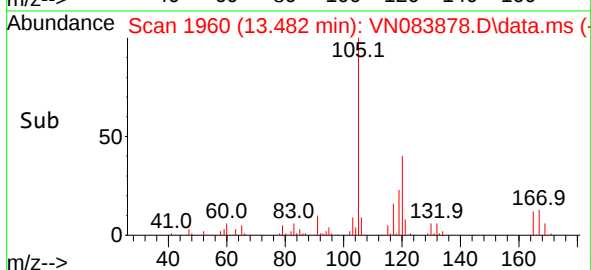
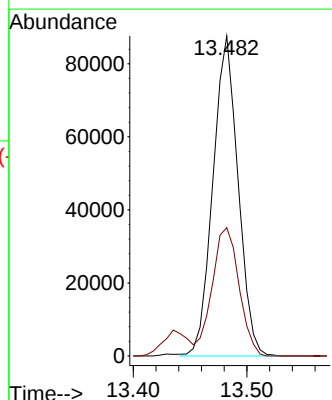
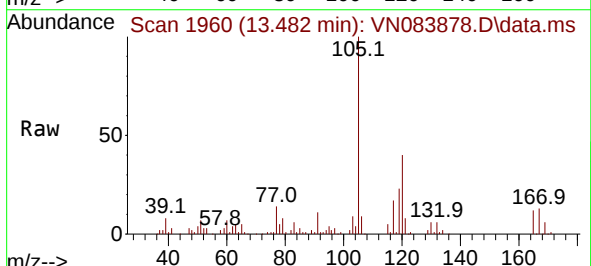
Acq: 13 Sep 2024 18:31

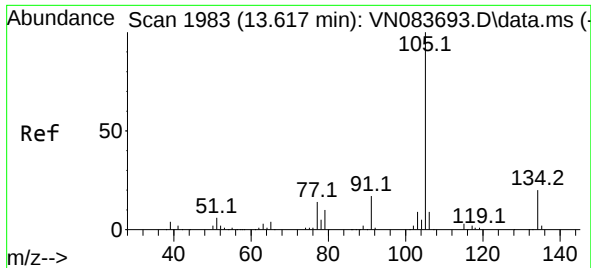
Tgt Ion:105 Resp: 134542

Ion Ratio Lower Upper

105 100

120 43.0 0.0 86.8

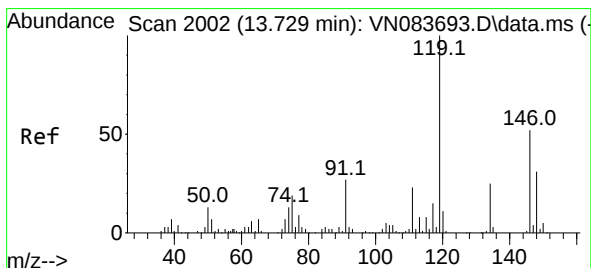
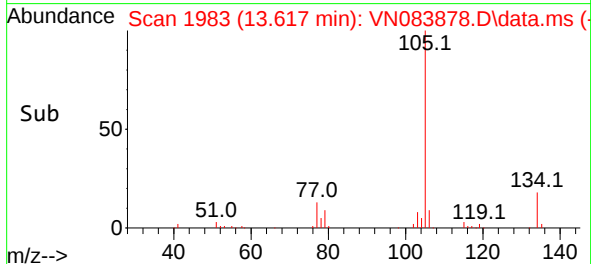
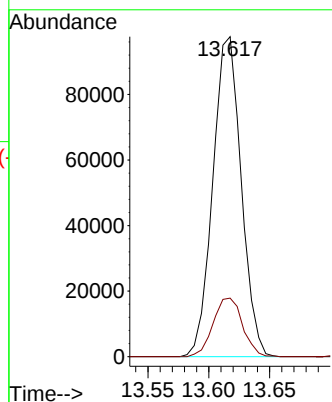
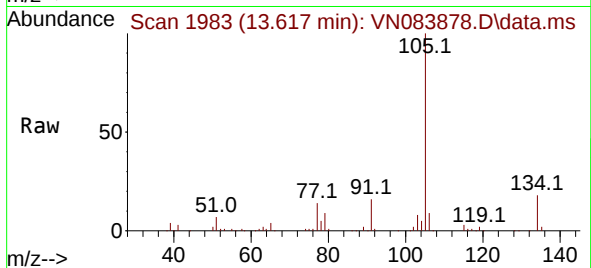




#81
 sec-Butylbenzene
 Concen: 18.674 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

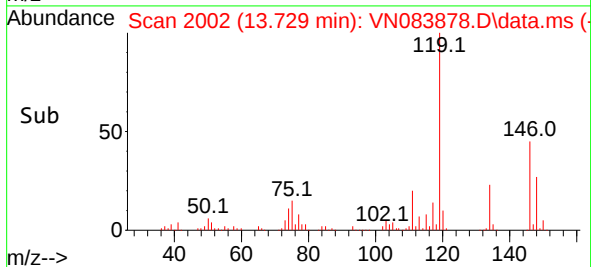
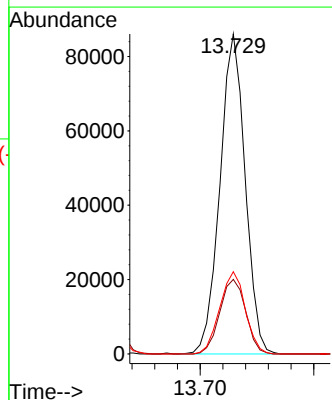
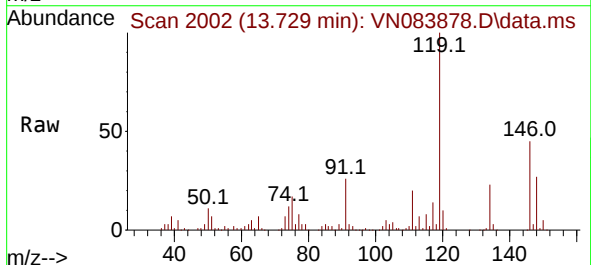
Instrument :
 MSVOA_N
 ClientSampleId :

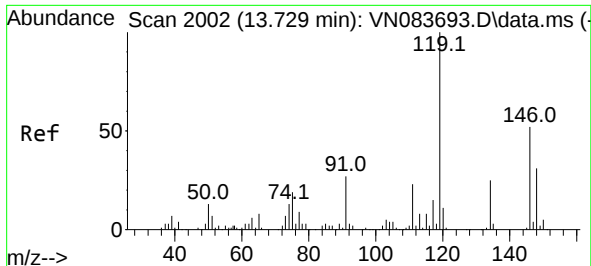
Tgt Ion:105 Resp: 158244
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.599 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083878.D
 Acq: 13 Sep 2024 18:31

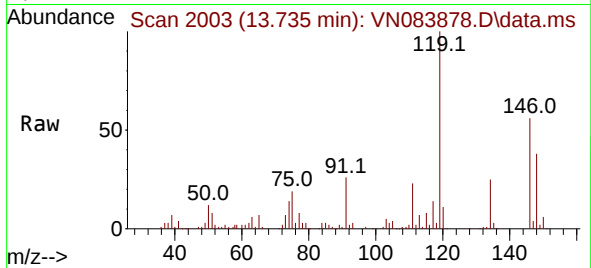
Tgt Ion:119 Resp: 132603
 Ion Ratio Lower Upper
 119 100
 134 23.9 0.0 49.2
 91 26.0 0.0 48.8



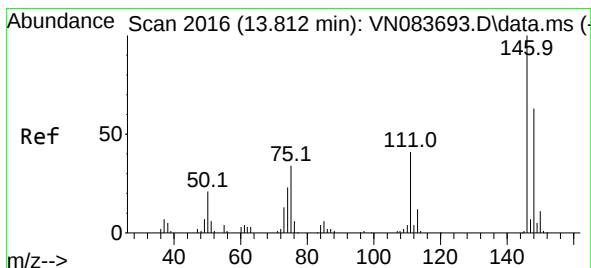
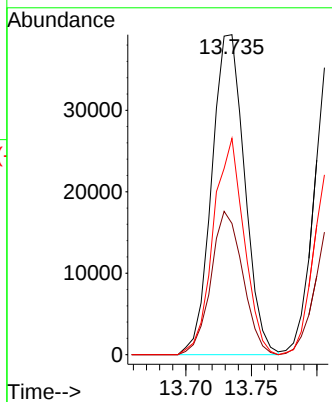
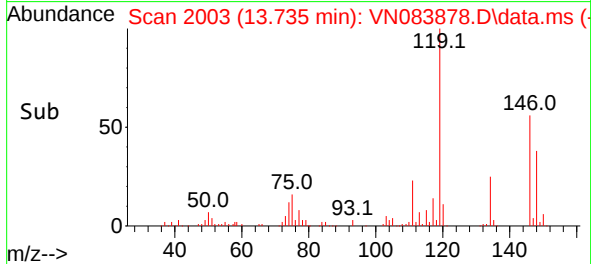


#83
1,3-Dichlorobenzene
Concen: 18.232 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

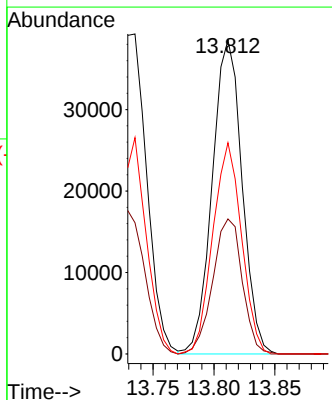
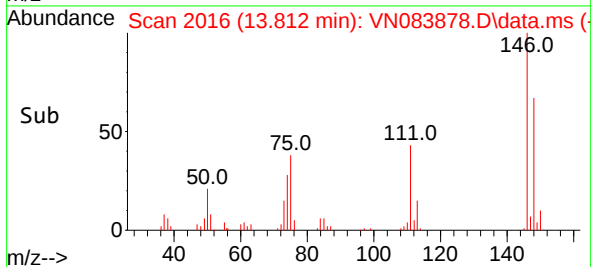
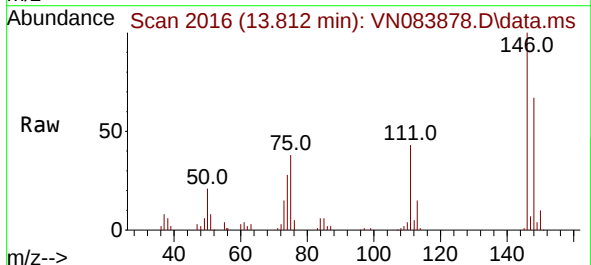


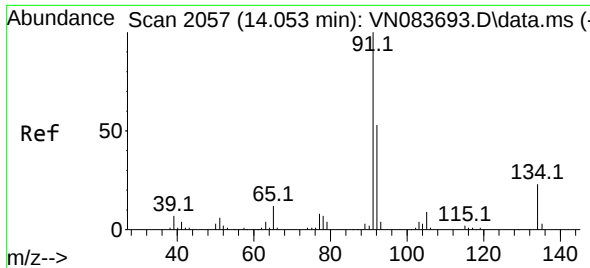
Tgt Ion:146 Resp: 68447
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 63.3 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 17.506 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion:146 Resp: 65703
Ion Ratio Lower Upper
146 100
111 42.7 21.3 63.9
148 64.8 31.9 95.5

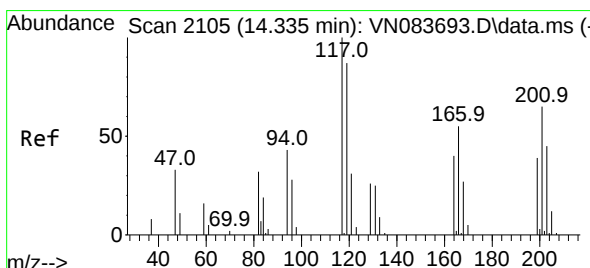
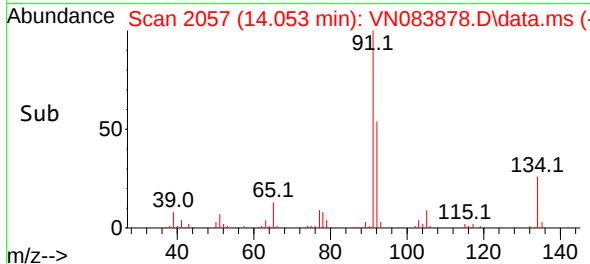
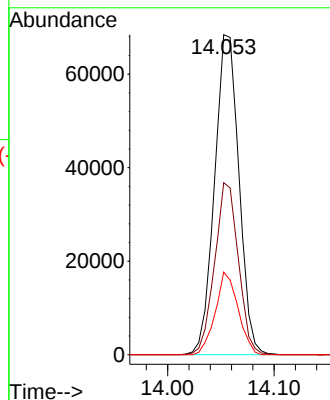
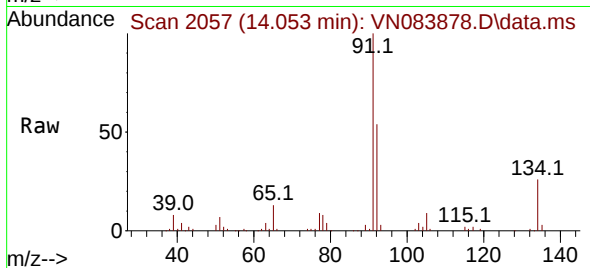




#85
n-Butylbenzene
Concen: 17.293 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

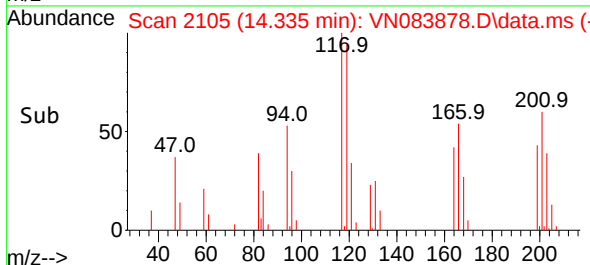
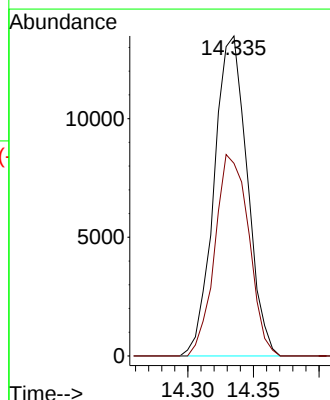
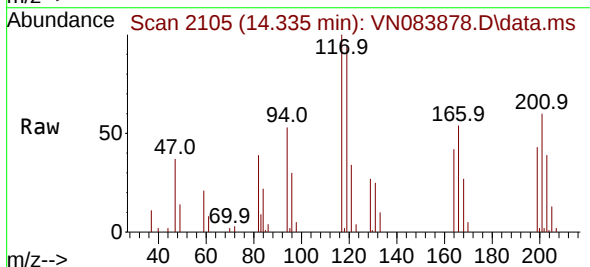
Instrument :
MSVOA_N
ClientSampleId :

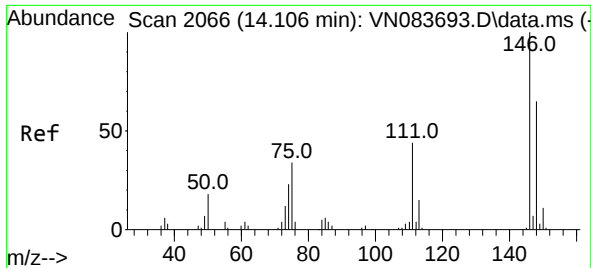
Tgt Ion: 91 Resp: 108805
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.0
134 24.1 0.0 51.8



#86
Hexachloroethane
Concen: 17.529 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

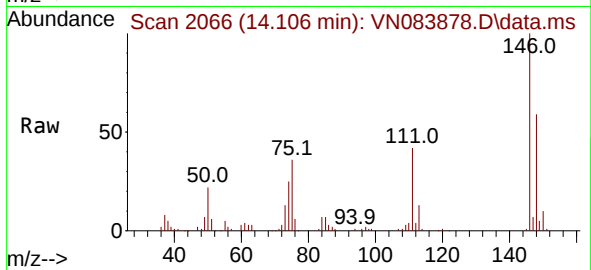
Tgt Ion: 117 Resp: 23684
Ion Ratio Lower Upper
117 100
201 64.4 38.0 114.0



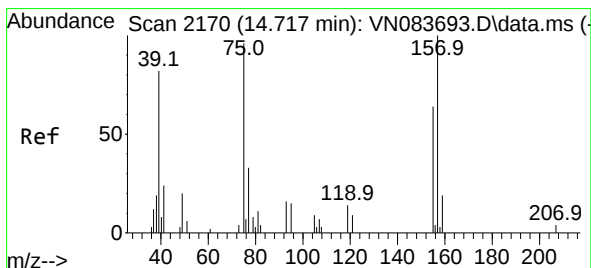
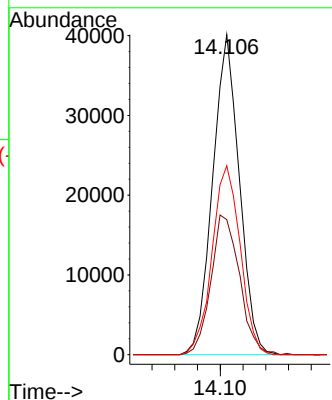
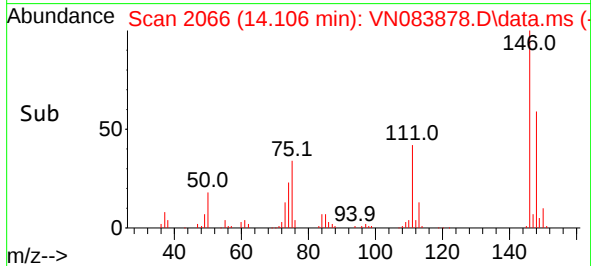


#87
1,2-Dichlorobenzene
Concen: 17.964 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

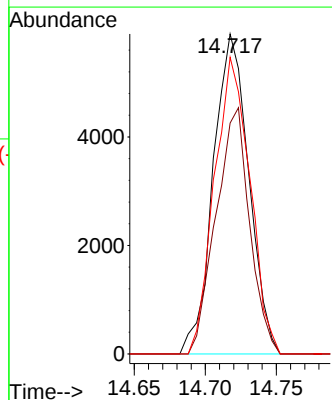
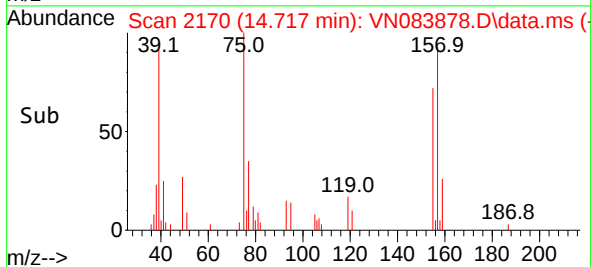
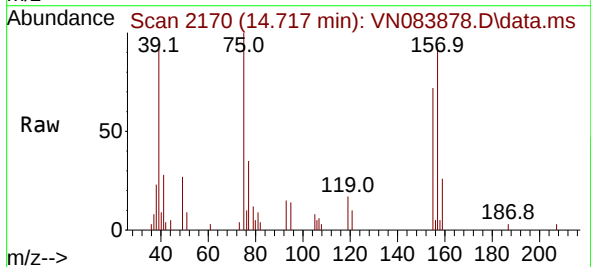


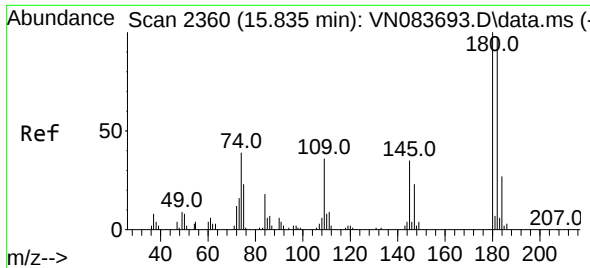
Tgt Ion:146 Resp: 65451
Ion Ratio Lower Upper
146 100
111 46.8 22.6 67.8
148 62.2 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.052 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

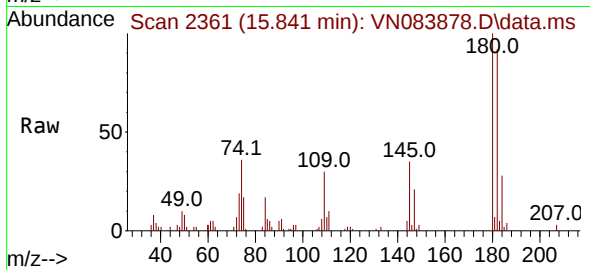
Tgt Ion: 75 Resp: 10221
Ion Ratio Lower Upper
75 100
155 73.3 61.7 92.5
157 92.8 83.6 125.4



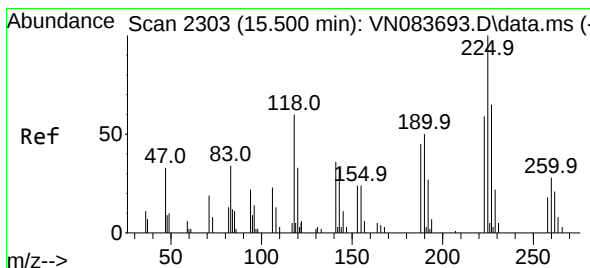
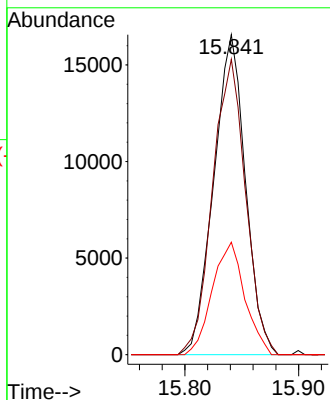
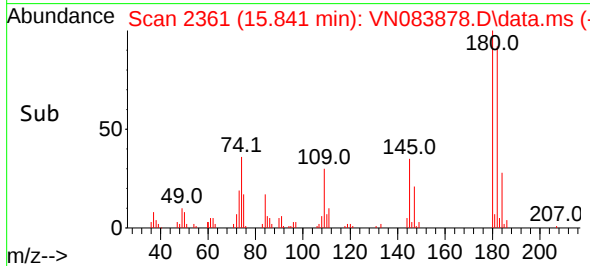


#89
1,2,4-Trichlorobenzene
Concen: 16.096 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

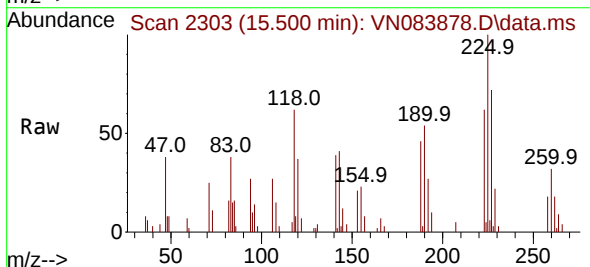
Instrument :
MSVOA_N
ClientSampleId :



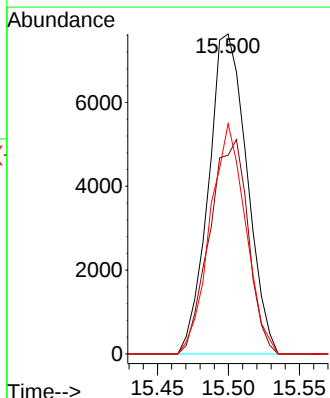
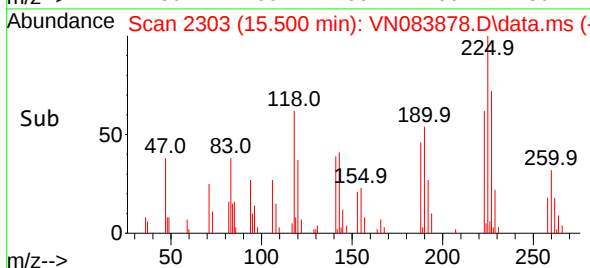
Tgt Ion:180 Resp: 32129
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 35.9 28.4 42.6

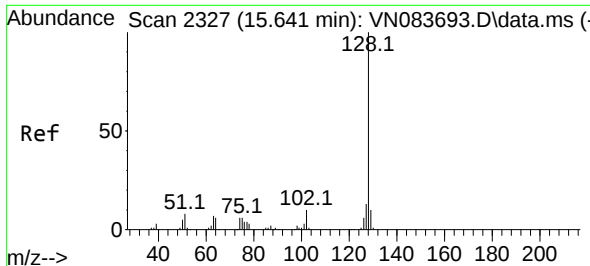


#90
Hexachlorobutadiene
Concen: 17.366 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31



Tgt Ion:225 Resp: 14347
Ion Ratio Lower Upper
225 100
223 67.2 0.0 126.6
227 66.8 0.0 126.6

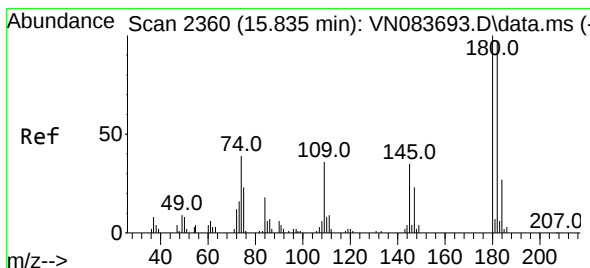
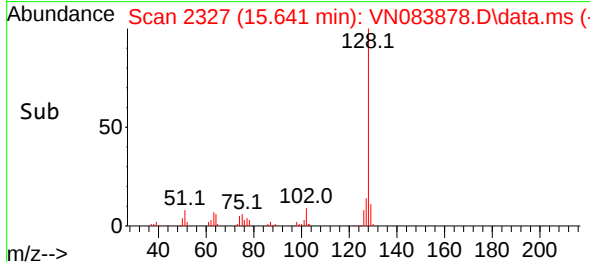
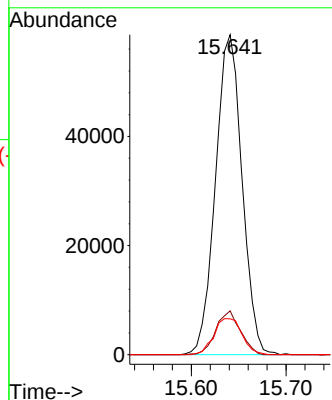
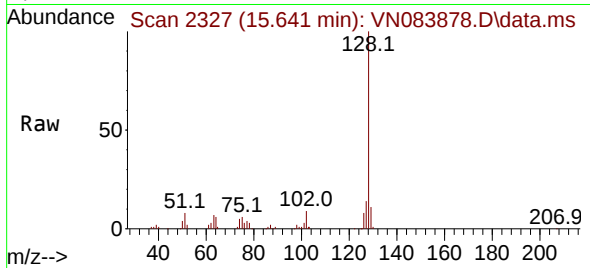




#91
Naphthalene
Concen: 17.516 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 114300
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.9 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 16.096 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083878.D
Acq: 13 Sep 2024 18:31

Tgt Ion:180 Resp: 32129
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.0
145 35.9 0.0 71.0

