

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083911.D
 Acq On : 16 Sep 2024 12:39
 Operator : JC\MD
 Sample : VN0916WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112375	51.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.260%
35) Dibromofluoromethane	8.165	113	79188	49.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	10.565	98	279194	50.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.847	95	105218	45.843	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	30723	18.328	ug/l	99
3) Chloromethane	2.365	50	31660	17.288	ug/l	99
4) Vinyl Chloride	2.518	62	32173	17.511	ug/l	98
5) Bromomethane	2.959	94	20954	19.863	ug/l	98
6) Chloroethane	3.124	64	21961	17.039	ug/l	92
7) Trichlorofluoromethane	3.501	101	54587	17.503	ug/l	100
8) Diethyl Ether	3.959	74	20277	19.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	30176	18.254	ug/l	99
10) Methyl Iodide	4.589	142	37174	17.682	ug/l	97
11) Tert butyl alcohol	5.506	59	33183	113.857	ug/l	98
12) 1,1-Dichloroethene	4.342	96	27754	17.778	ug/l	91
13) Acrolein	4.177	56	25811	89.759	ug/l	98
14) Allyl chloride	5.024	41	47505	17.077	ug/l	92
15) Acrylonitrile	5.718	53	81959	103.407	ug/l	99
16) Acetone	4.424	43	79091	90.651	ug/l	94
17) Carbon Disulfide	4.712	76	74047	16.956	ug/l	100
18) Methyl Acetate	5.030	43	39954	20.899	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	106493	18.851	ug/l	98
20) Methylene Chloride	5.277	84	32516	18.212	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	29368	17.553	ug/l #	92
22) Diisopropyl ether	6.671	45	110170	19.239	ug/l	99
23) Vinyl Acetate	6.600	43	417224	99.492	ug/l	98
24) 1,1-Dichloroethane	6.571	63	60165	18.237	ug/l	97
25) 2-Butanone	7.483	43	111439	97.180	ug/l	95
26) 2,2-Dichloropropane	7.489	77	53463	17.597	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	37585	18.924	ug/l	98
28) Bromochloromethane	7.812	49	29090	20.938	ug/l	95
29) Tetrahydrofuran	7.836	42	71238	105.062	ug/l	99
30) Chloroform	7.965	83	65240	18.627	ug/l	100
31) Cyclohexane	8.259	56	52445	16.673	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	59205	18.384	ug/l	98
36) 1,1-Dichloropropene	8.371	75	42396	17.504	ug/l	99
37) Ethyl Acetate	7.559	43	48767	22.182	ug/l	97
38) Carbon Tetrachloride	8.359	117	50121	18.240	ug/l	95
39) Methylcyclohexane	9.600	83	45470	16.493	ug/l	96
40) Benzene	8.606	78	133278	18.282	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26292	20.220	ug/l	98
42) 1,2-Dichloroethane	8.671	62	52802	19.384	ug/l	100
43) Isopropyl Acetate	8.683	43	83850	21.047	ug/l	100
44) Trichloroethene	9.353	130	31896	18.894	ug/l	95
45) 1,2-Dichloropropane	9.618	63	32826	18.630	ug/l	98
46) Dibromomethane	9.706	93	25280	20.484	ug/l	97
47) Bromodichloromethane	9.888	83	53427	20.003	ug/l	100
48) Methyl methacrylate	9.677	41	38223	20.222	ug/l	97
49) 1,4-Dioxane	9.694	88	14148	455.005	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	234712	108.228	ug/l	98
52) Toluene	10.630	92	80836	18.128	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	51711	19.101	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	52576	18.488	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	31953	19.194	ug/l	95
56) Ethyl methacrylate	10.871	69	52538	20.513	ug/l	96
57) 1,3-Dichloropropane	11.165	76	55355	19.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	112434	121.831	ug/l	98
59) 2-Hexanone	11.194	43	171414	106.852	ug/l	97
60) Dibromochloromethane	11.359	129	37602	20.183	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32712	19.703	ug/l	98
64) Tetrachloroethene	11.100	164	27086	18.291	ug/l	95
65) Chlorobenzene	11.888	112	88568	17.896	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	32019	18.663	ug/l	97
67) Ethyl Benzene	11.965	91	155848	17.727	ug/l	100
68) m/p-Xylenes	12.071	106	116730	35.763	ug/l	98
69) o-Xylene	12.394	106	56937	18.019	ug/l	99
70) Styrene	12.412	104	96213	18.554	ug/l	98
71) Bromoform	12.576	173	23847	20.627	ug/l #	98
73) Isopropylbenzene	12.694	105	146155	18.292	ug/l	99
74) N-amyl acetate	12.494	43	69179	20.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45967	19.580	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	59887	28.738	ug/l	61
77) Bromobenzene	12.976	156	34058	17.708	ug/l	98
78) n-propylbenzene	13.035	91	173146	18.625	ug/l	100
79) 2-Chlorotoluene	13.123	91	109153	18.410	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	124053	18.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14982	18.829	ug/l	94
82) 4-Chlorotoluene	13.218	91	110334	18.544	ug/l	100
83) tert-Butylbenzene	13.435	119	106637	18.093	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	124268	18.364	ug/l	100
85) sec-Butylbenzene	13.612	105	146423	18.733	ug/l	99
86) p-Isopropyltoluene	13.729	119	122563	18.706	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63920	17.610	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	65213	17.743	ug/l	99
89) n-Butylbenzene	14.053	91	104430	17.752	ug/l	98
90) Hexachloroethane	14.329	117	24065	18.271	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	63280	18.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9942	21.244	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	31705	16.866	ug/l	97
94) Hexachlorobutadiene	15.500	225	13928	17.447	ug/l	97
95) Naphthalene	15.641	128	101147	17.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30363	16.901	ug/l	99

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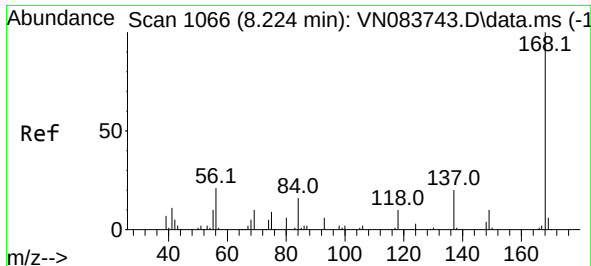
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

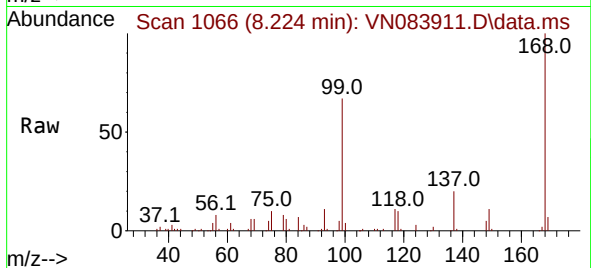
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Quant Title : SW846 8260
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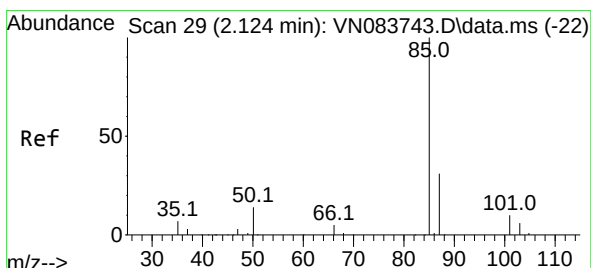
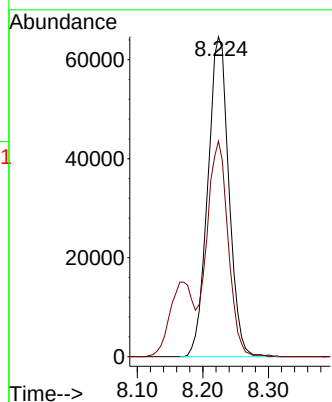
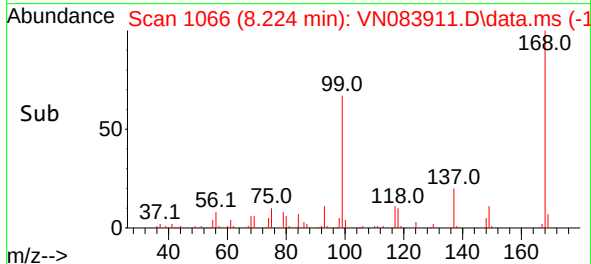


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083911.D
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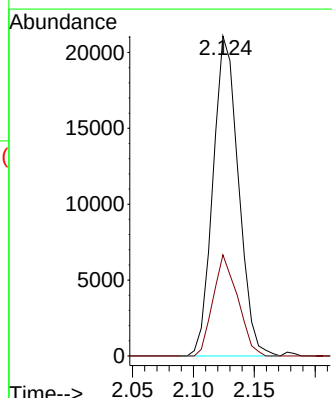
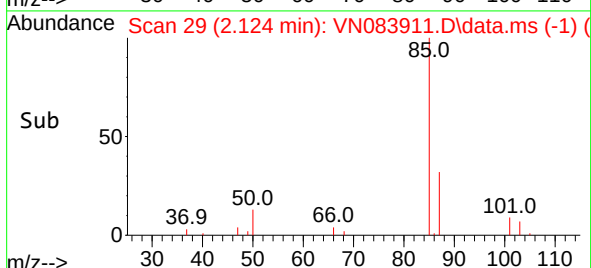
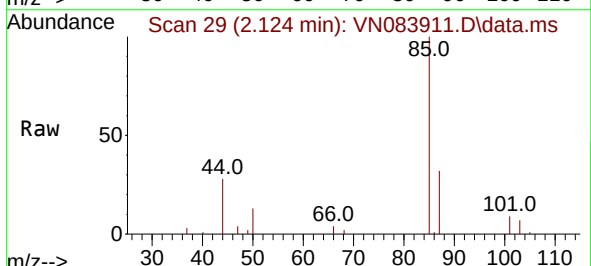


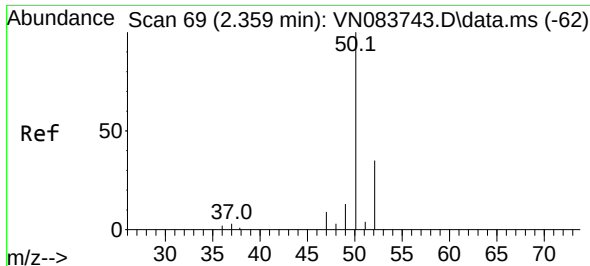
Tgt Ion:168 Resp: 144339
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 18.328 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 85 Resp: 30723
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

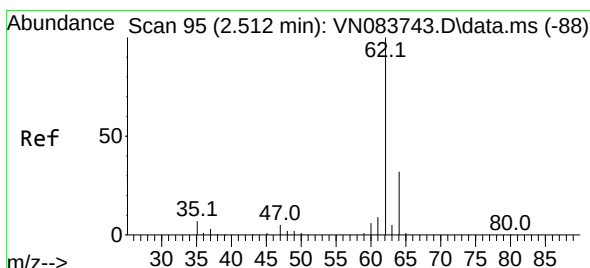
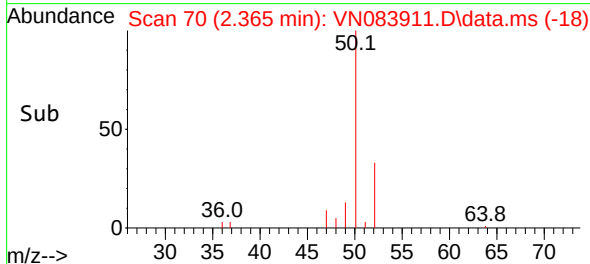
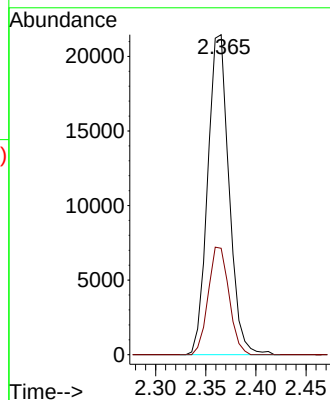
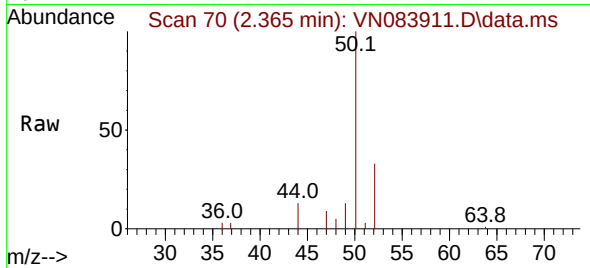




#3
Chloromethane
Concen: 17.288 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

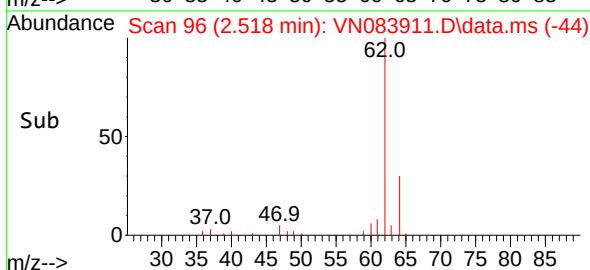
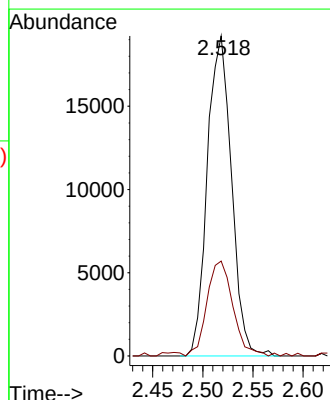
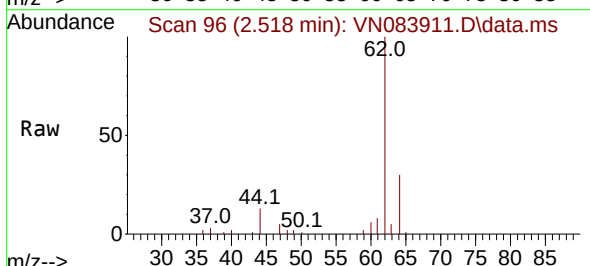
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MSVOA_N
ClientSampleId :

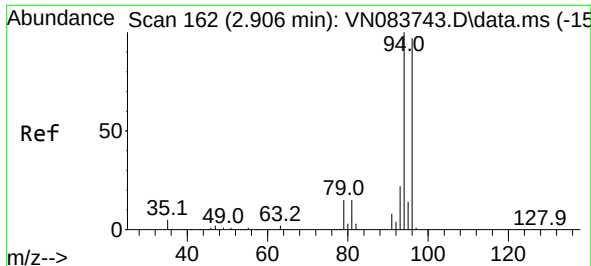
Tgt Ion: 50 Resp: 31660
Ion Ratio Lower Upper
50 100
52 33.3 27.2 40.8



#4
Vinyl Chloride
Concen: 17.511 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 62 Resp: 32173
Ion Ratio Lower Upper
62 100
64 29.6 24.7 37.1

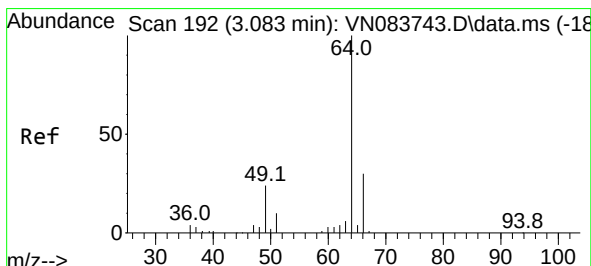
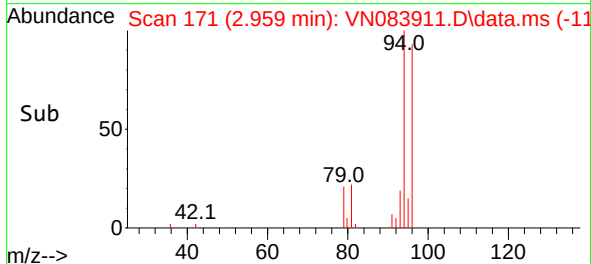
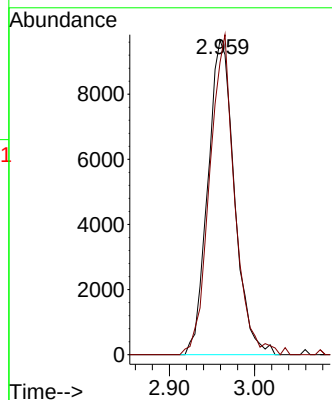
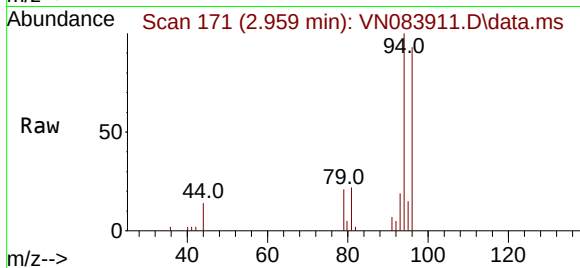




#5
Bromomethane
Concen: 19.863 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

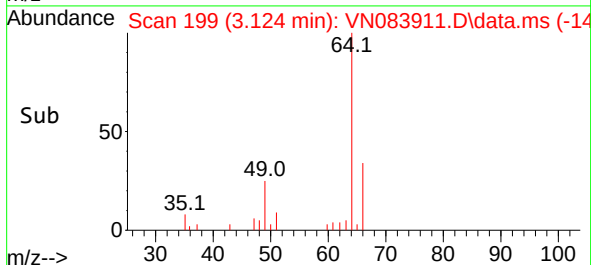
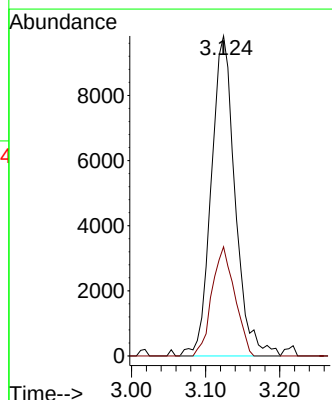
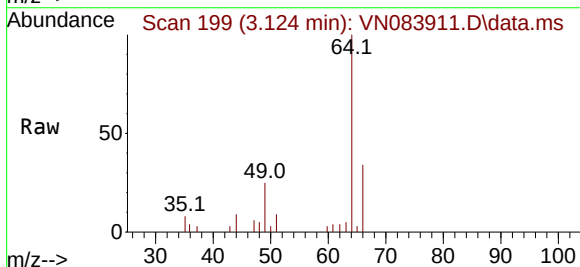
Instrument :
MSVOA_N
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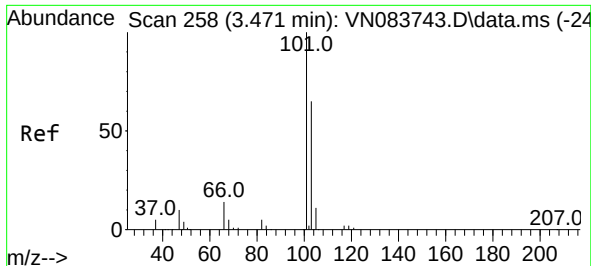
Tgt Ion: 94 Resp: 20954
Ion Ratio Lower Upper
94 100
96 93.0 76.0 114.0



#6
Chloroethane
Concen: 17.039 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 64 Resp: 21961
Ion Ratio Lower Upper
64 100
66 34.1 23.9 35.9

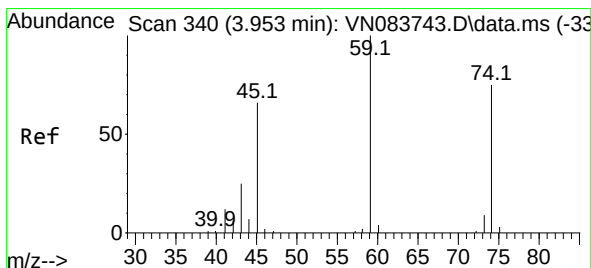
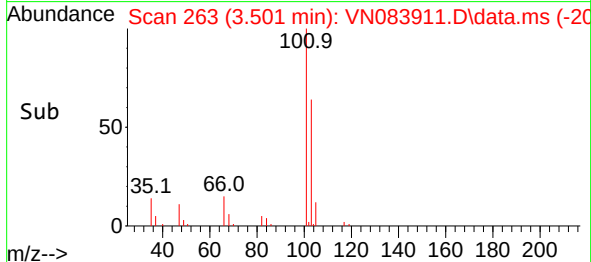
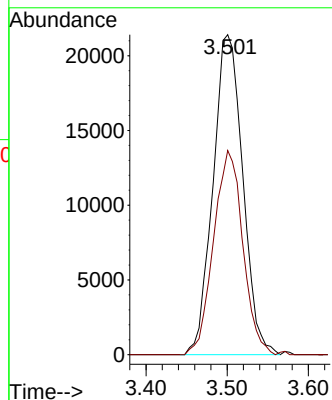
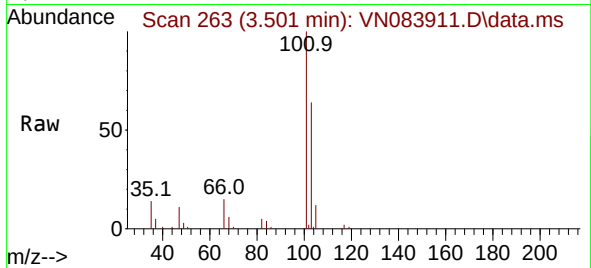




#7
Trichlorofluoromethane
Concen: 17.503 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

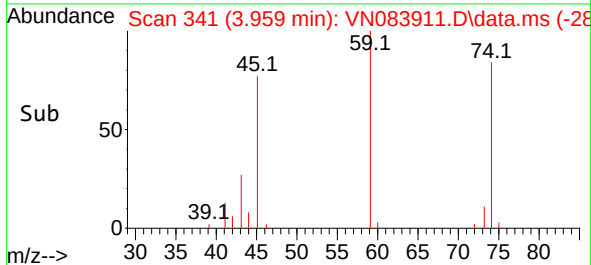
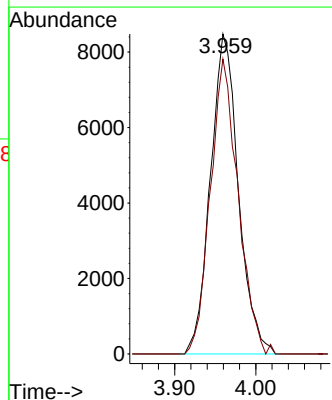
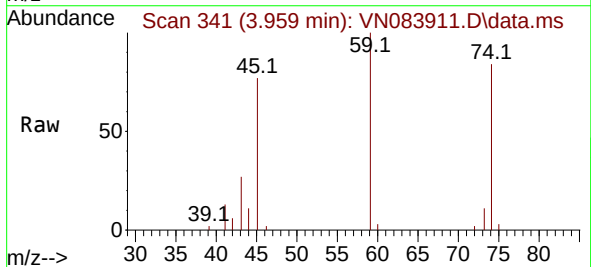
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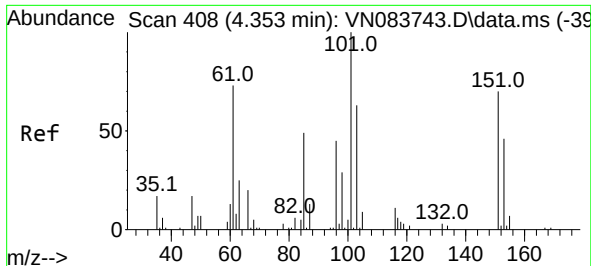
Tgt Ion:101 Resp: 54587
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 19.395 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 74 Resp: 20277
Ion Ratio Lower Upper
74 100
45 91.6 46.7 140.1

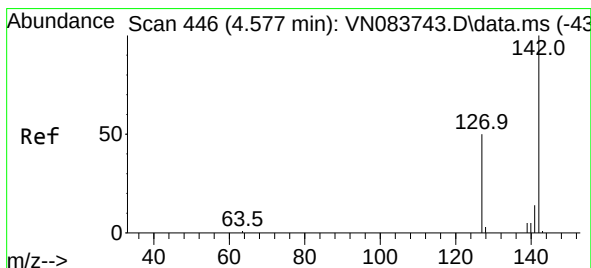
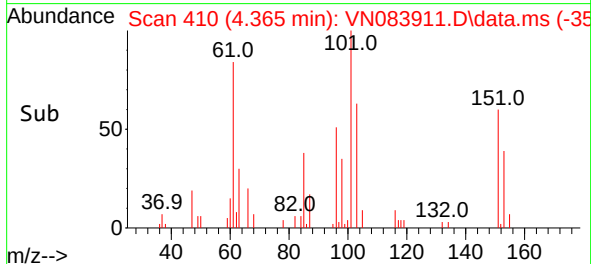
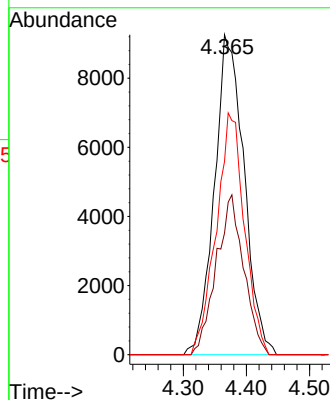
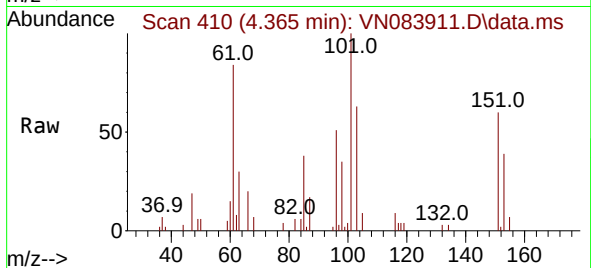




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.254 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN083911.D
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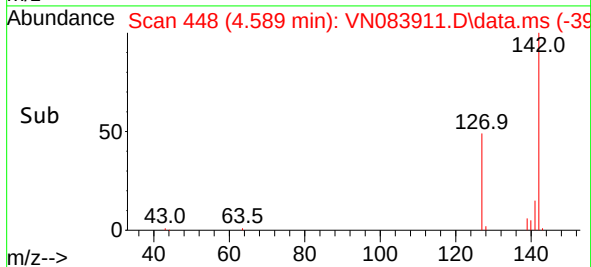
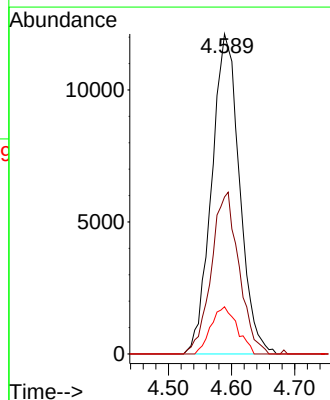
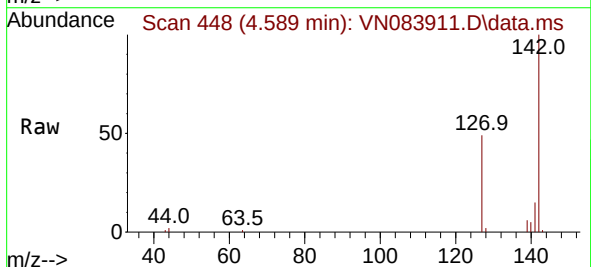
Instrument :
MSVOA_N
ClientSampleId :

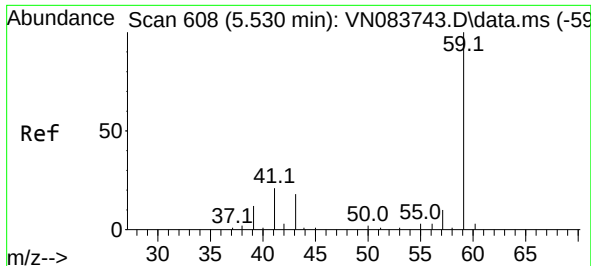
Tgt Ion:101 Resp: 30176
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 72.1 57.7 86.5



#10
Methyl Iodide
Concen: 17.682 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

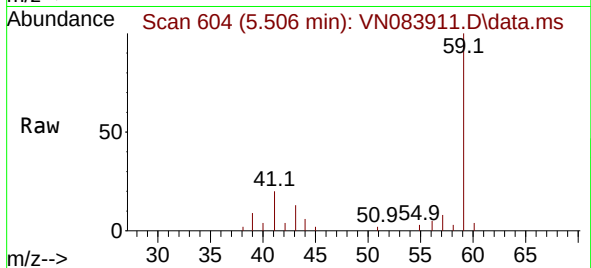
Tgt Ion:142 Resp: 37174
Ion Ratio Lower Upper
142 100
127 49.1 37.5 56.3
141 14.8 11.0 16.4



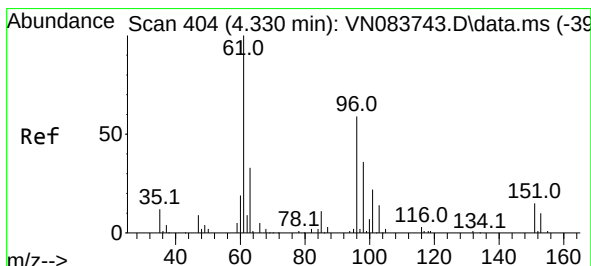
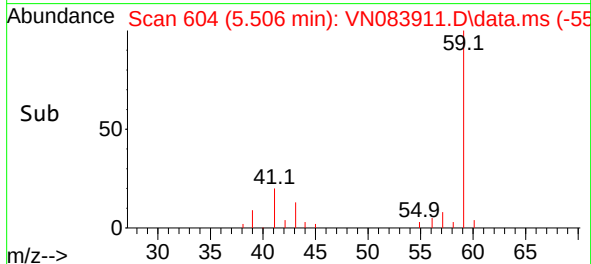
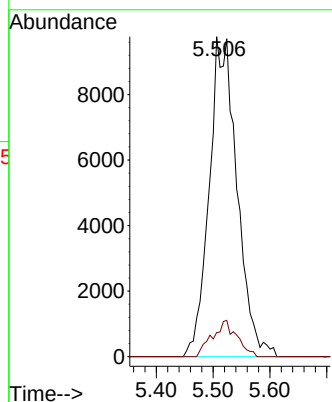


#11
Tert butyl alcohol
Concen: 113.857 ug/l
RT: 5.506 min Scan# 608
Delta R.T. -0.023 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :

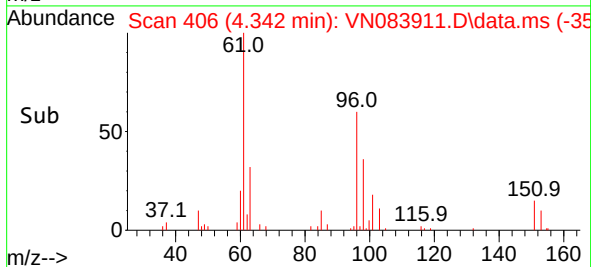
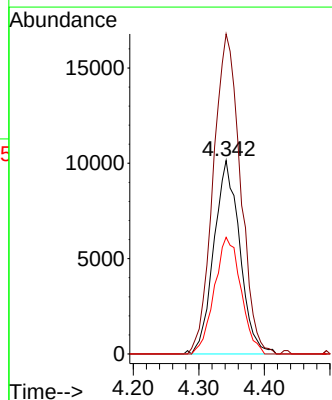
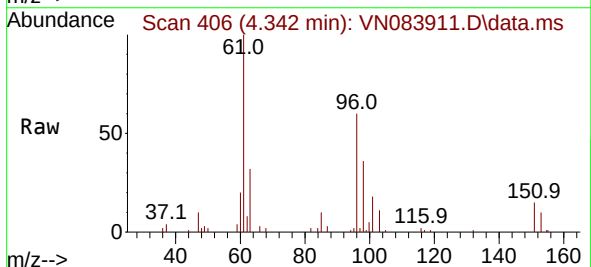


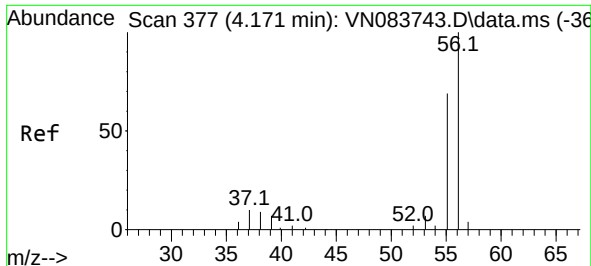
Tgt Ion: 59 Resp: 33183
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1



#12
1,1-Dichloroethene
Concen: 17.778 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 96 Resp: 27754
Ion Ratio Lower Upper
96 100
61 165.5 143.4 215.0
98 60.3 52.7 79.1





#13

Acrolein

Concen: 89.759 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

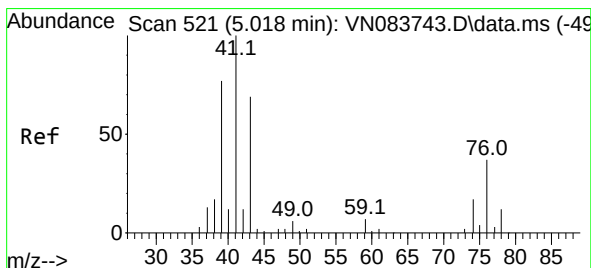
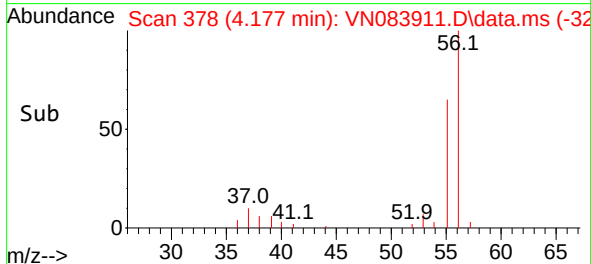
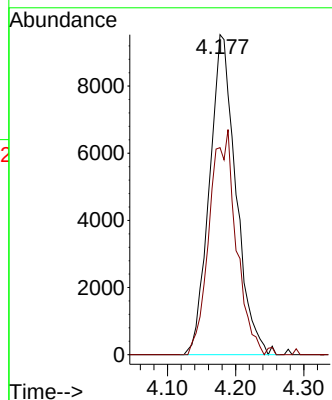
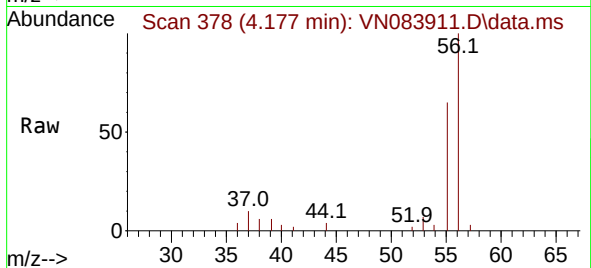
ClientSampleId :

Tgt Ion: 56 Resp: 25811

Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.2



#14

Allyl chloride

Concen: 17.077 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

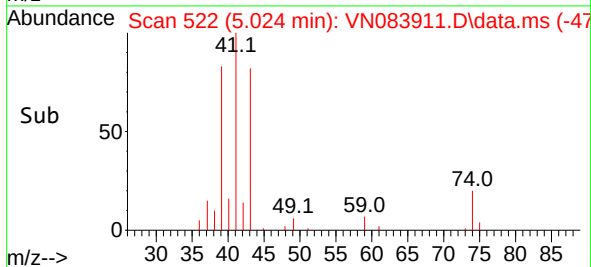
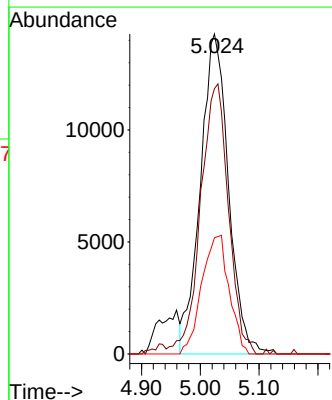
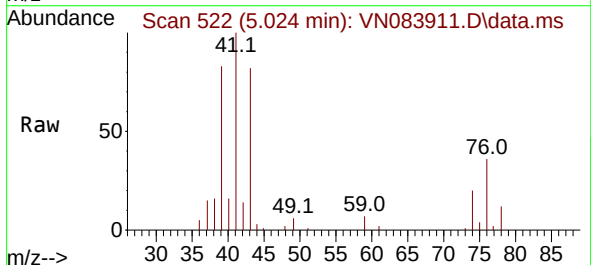
Tgt Ion: 41 Resp: 47505

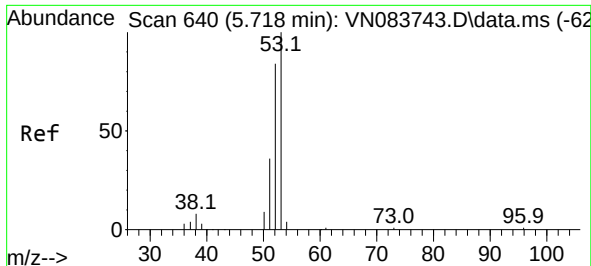
Ion Ratio Lower Upper

41 100

39 83.5 59.3 88.9

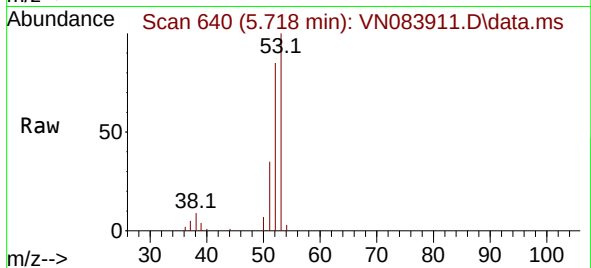
76 36.0 27.7 41.5



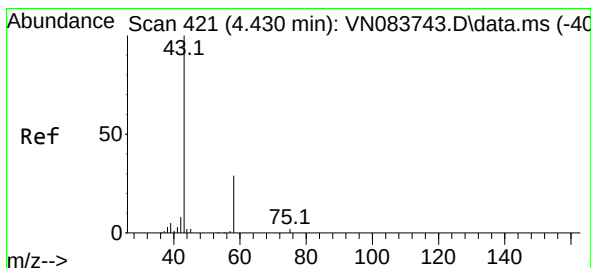
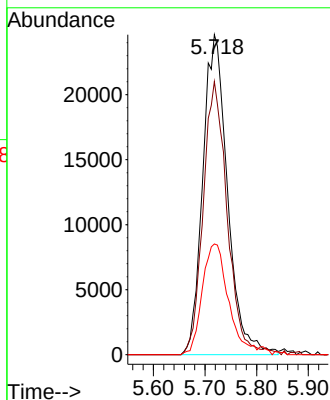
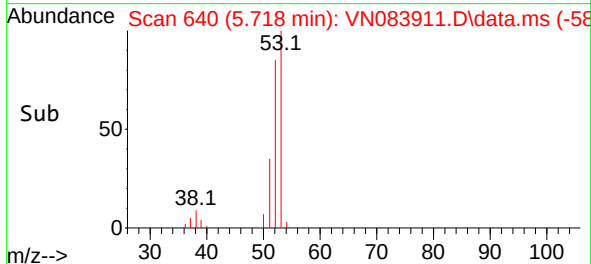


#15
Acrylonitrile
Concen: 103.407 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :

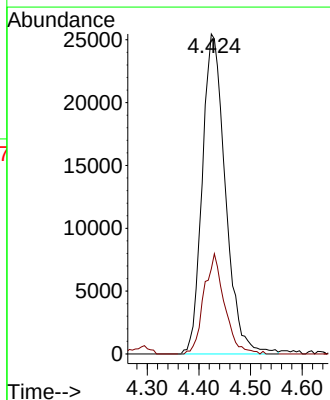
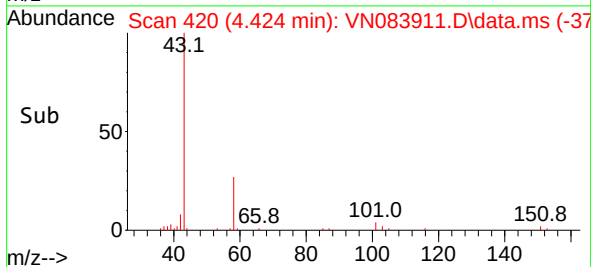
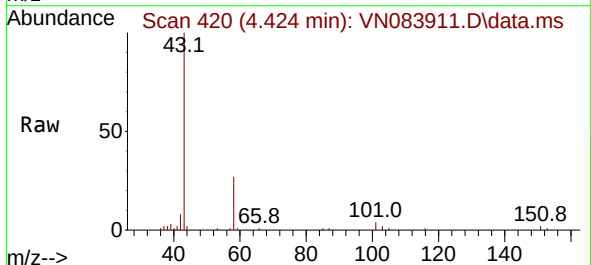


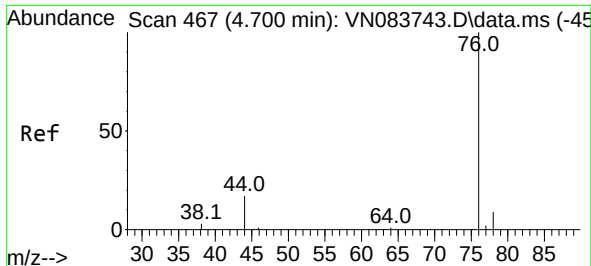
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.1	99.1
51	36.4	29.6	44.4



#16
Acetone
Concen: 90.651 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.6	23.7	35.5

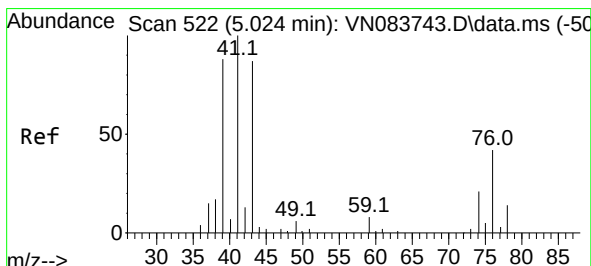
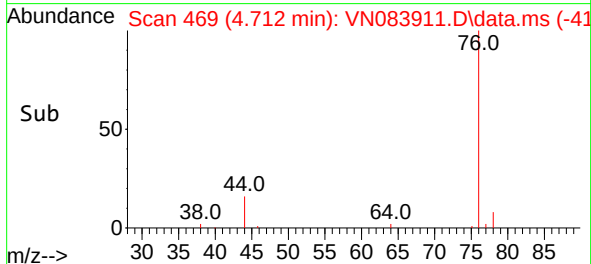
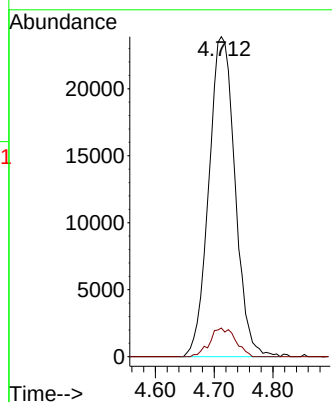
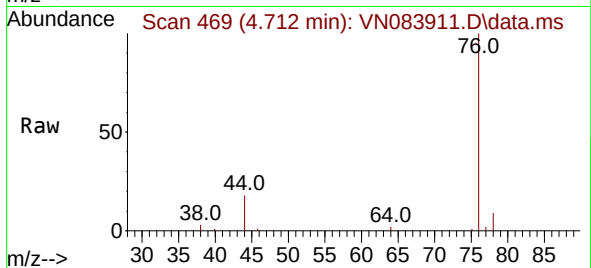




#17
Carbon Disulfide
Concen: 16.956 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

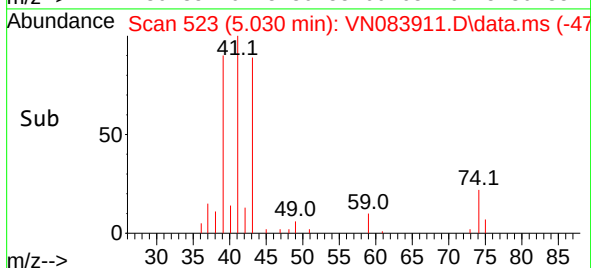
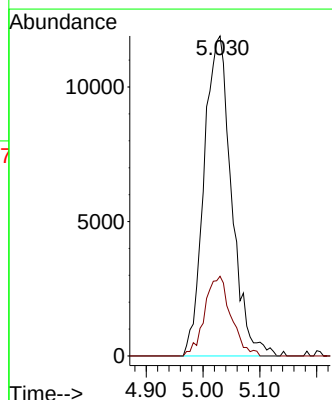
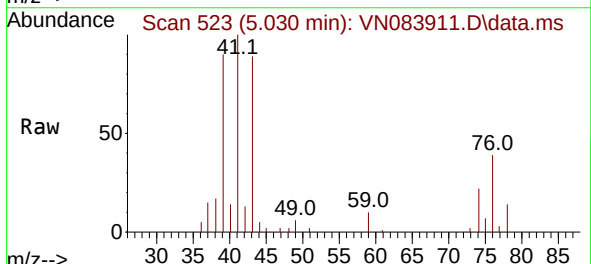
Instrument :
MSVOA_N
ClientSampleId :

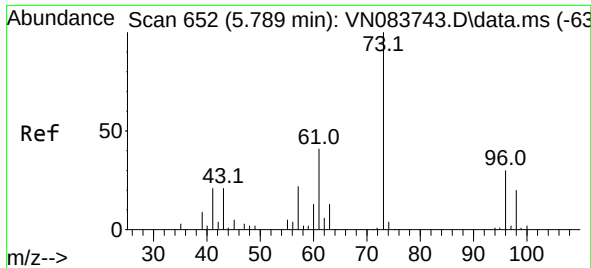
Tgt Ion: 76 Resp: 74047
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.899 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 43 Resp: 39954
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4

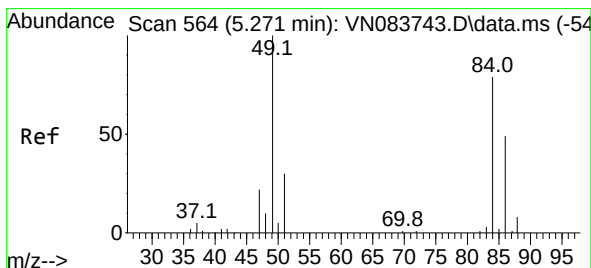
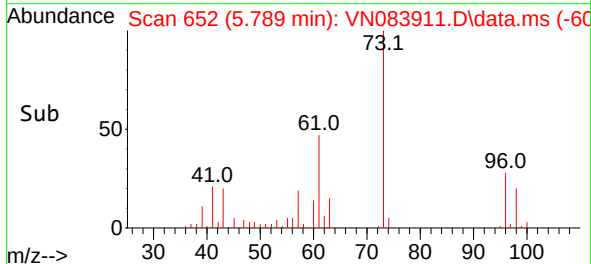
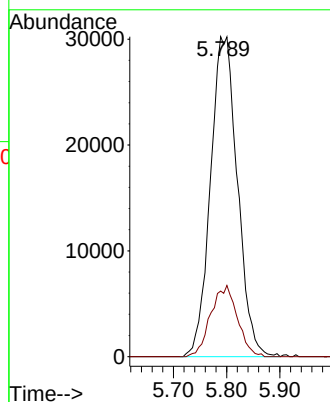
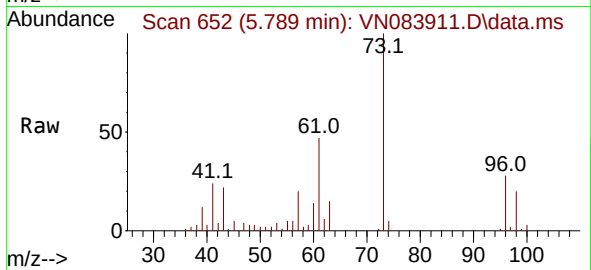




#19
Methyl tert-butyl Ether
Concen: 18.851 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

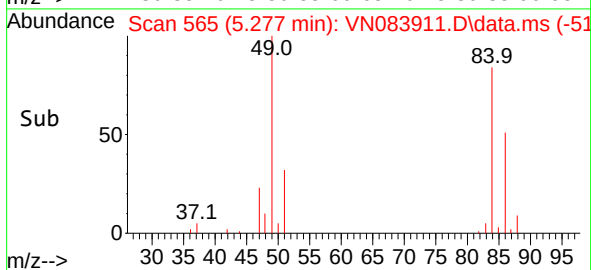
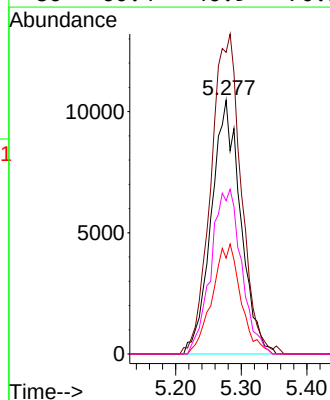
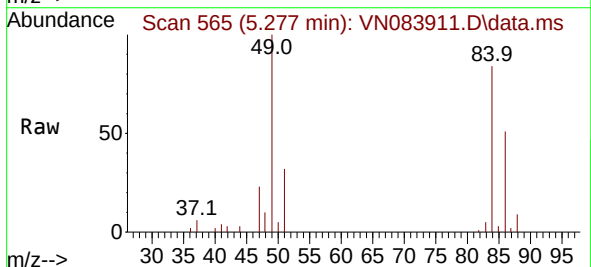
Instrument :
MSVOA_N
ClientSampleId :

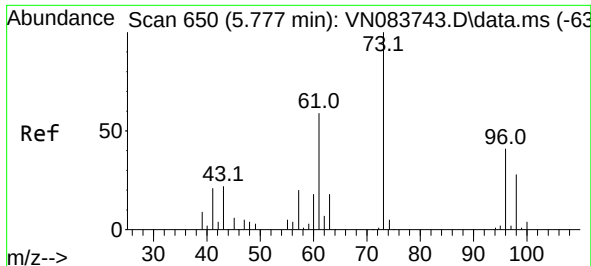
Tgt Ion: 73 Resp: 106493
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6



#20
Methylene Chloride
Concen: 18.212 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 84 Resp: 32516
Ion Ratio Lower Upper
84 100
49 118.9 93.4 140.0
51 37.8 29.2 43.8
86 60.4 46.9 70.3

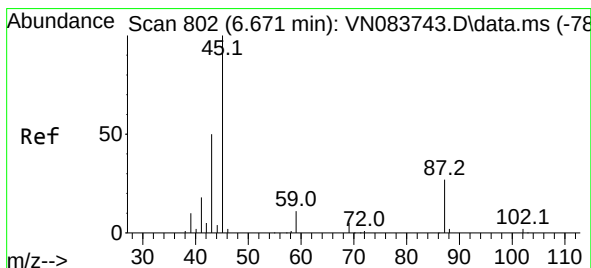
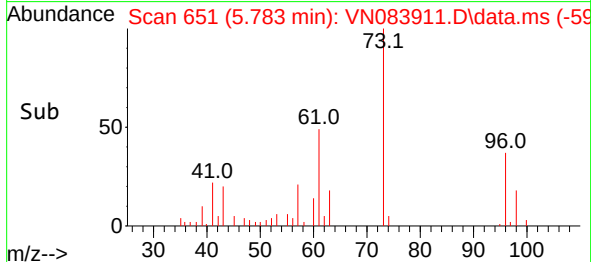
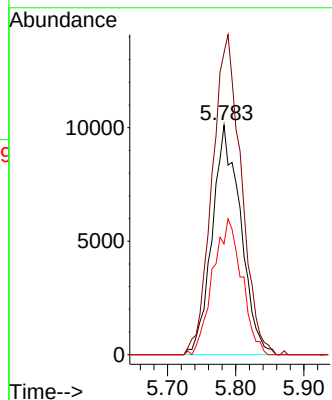
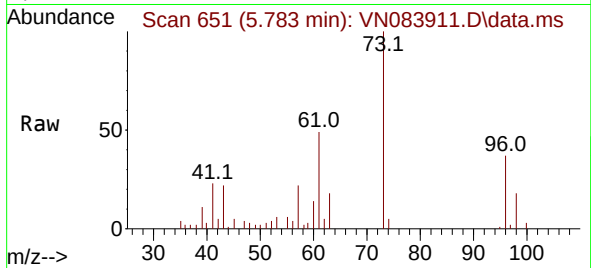




#21
trans-1,2-Dichloroethene
Concen: 17.553 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

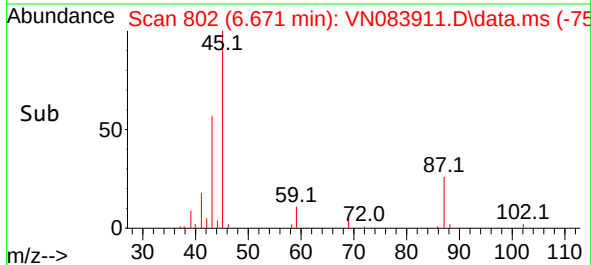
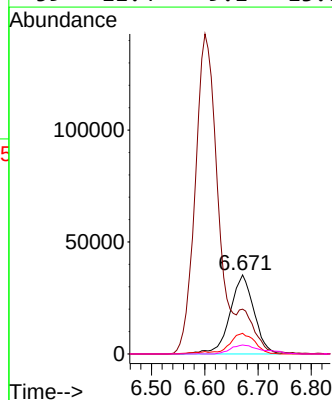
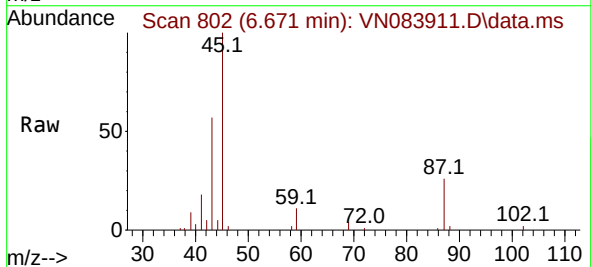
Instrument :
MSVOA_N
ClientSampleId :

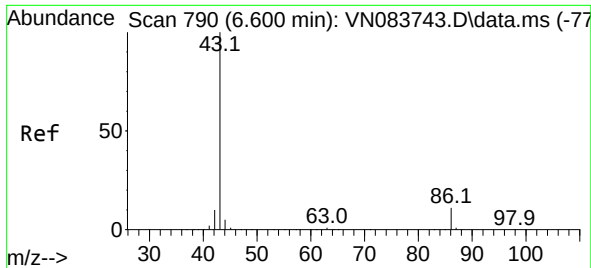
Tgt Ion: 96 Resp: 29368
Ion Ratio Lower Upper
96 100
61 131.7 106.0 159.0
98 48.3 52.2 78.2#



#22
Diisopropyl ether
Concen: 19.239 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 45 Resp: 110170
Ion Ratio Lower Upper
45 100
43 53.9 43.4 65.0
87 26.2 22.6 33.8
59 11.4 9.1 13.7

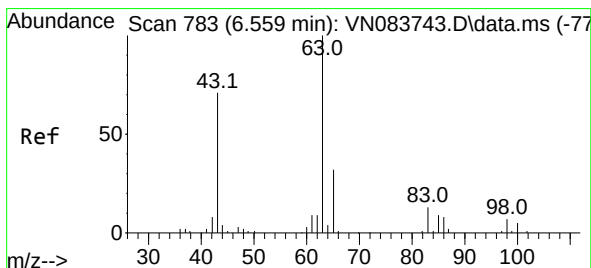
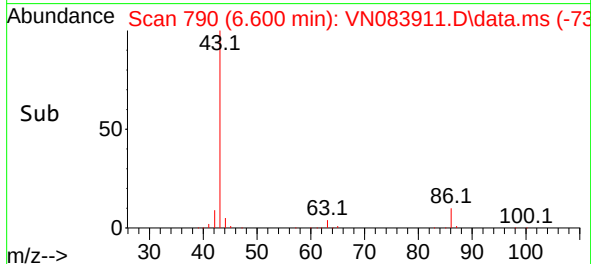
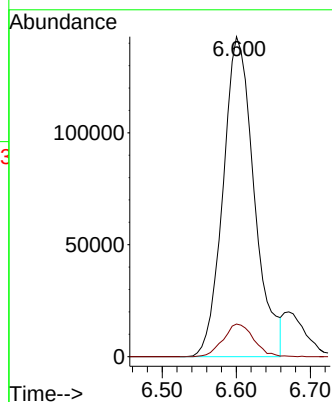
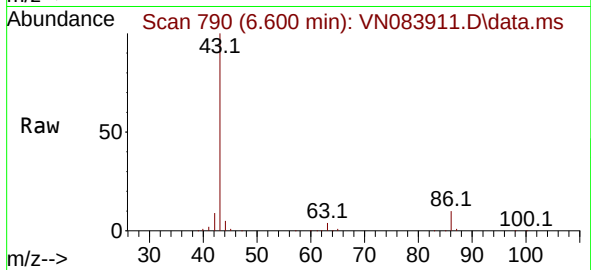




#23
 Vinyl Acetate
 Concen: 99.492 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

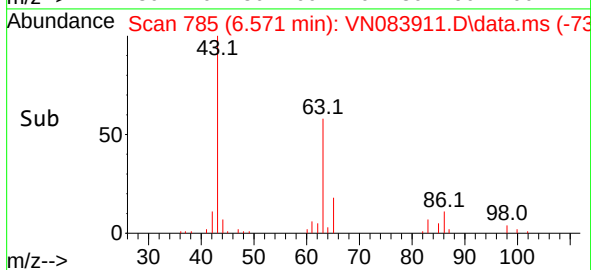
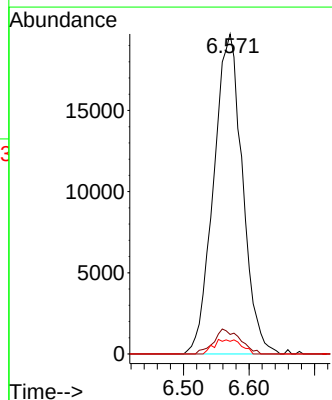
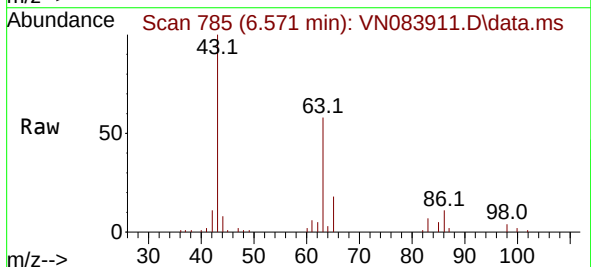
Instrument :
 MSVOA_N
 ClientSampleId :

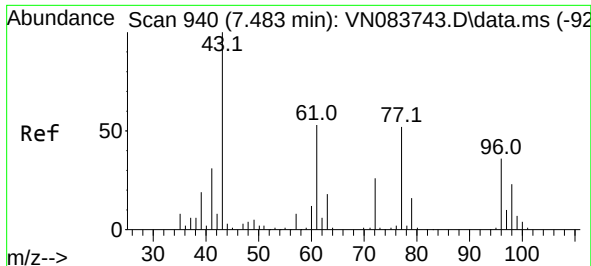
Tgt Ion: 43 Resp: 417224
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 18.237 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

Tgt Ion: 63 Resp: 60165
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 4.0 2.5 7.5





#25

2-Butanone

Concen: 97.180 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

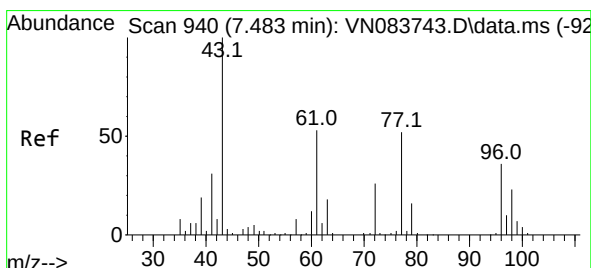
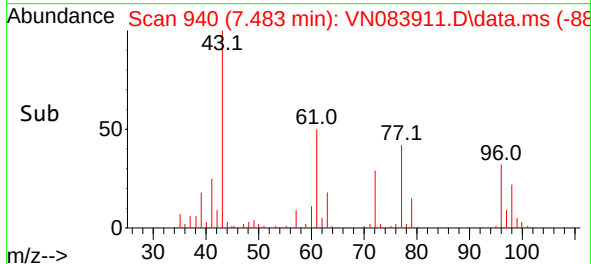
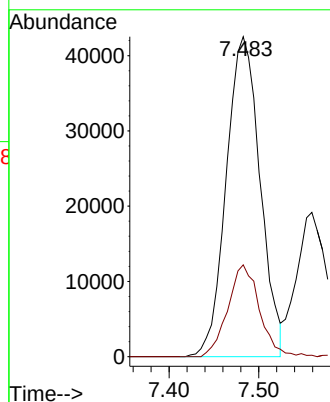
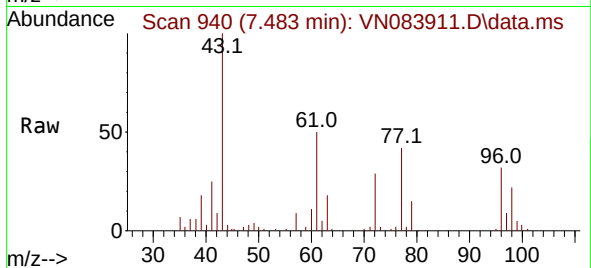
ClientSampleId :

Tgt Ion: 43 Resp: 111439

Ion Ratio Lower Upper

43 100

72 28.7 20.8 31.2



#26

2,2-Dichloropropane

Concen: 17.597 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083911.D

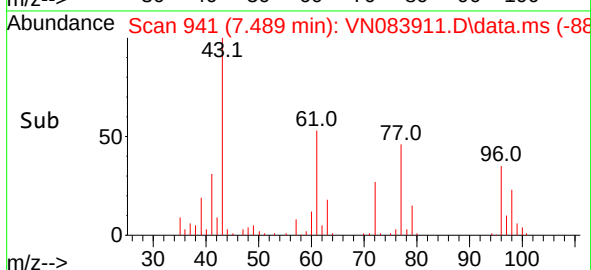
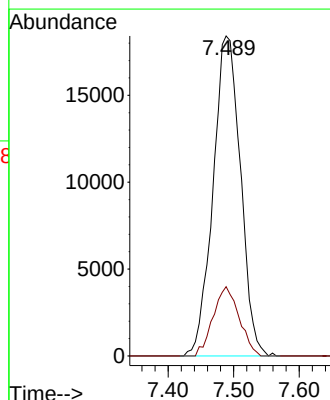
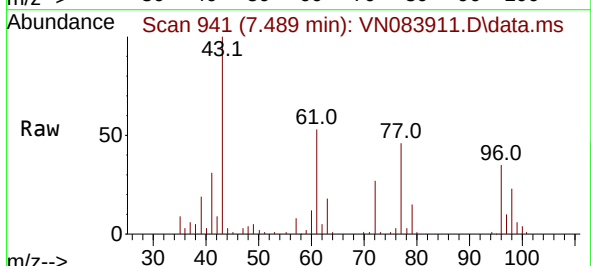
Acq: 16 Sep 2024 12:39

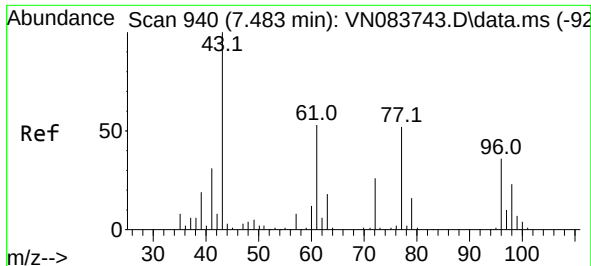
Tgt Ion: 77 Resp: 53463

Ion Ratio Lower Upper

77 100

97 20.5 10.2 30.4



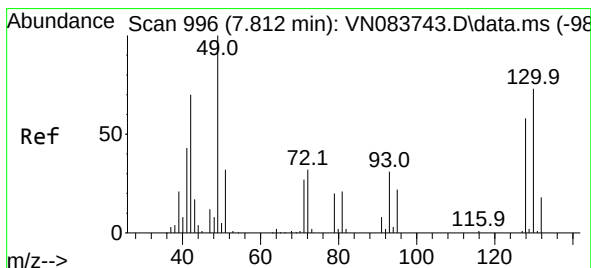
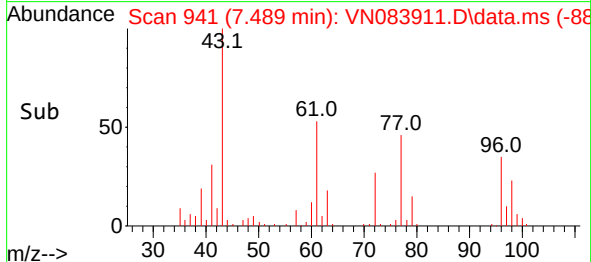
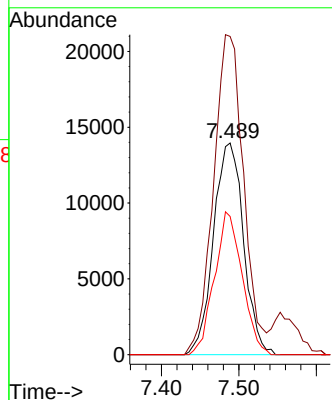
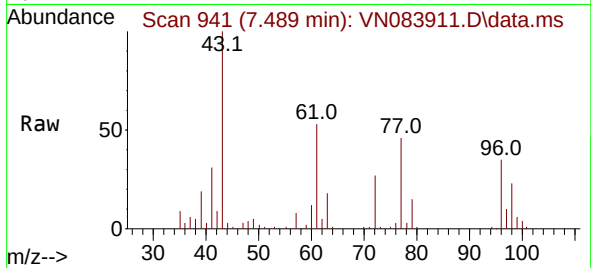


#27
 cis-1,2-Dichloroethene
 Concen: 18.924 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 37585

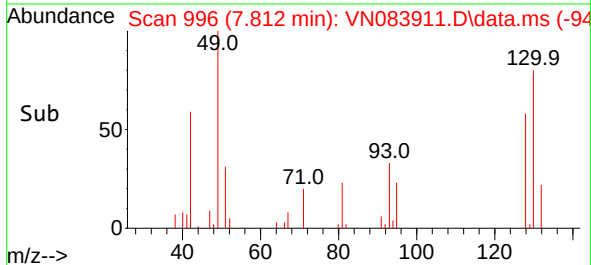
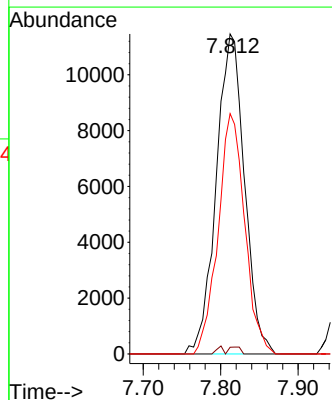
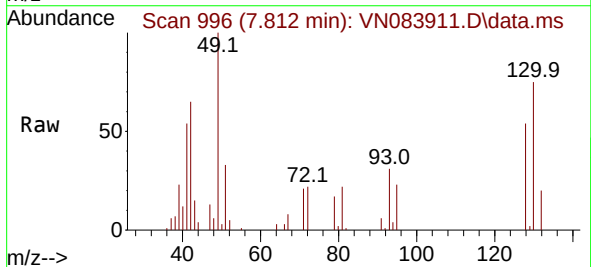
Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	306.2
98	62.4	0.0	128.6

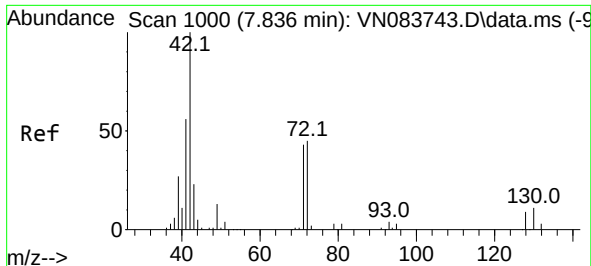


#28
 Bromochloromethane
 Concen: 20.938 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

Tgt Ion: 49 Resp: 29090

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	70.6	60.2	90.2

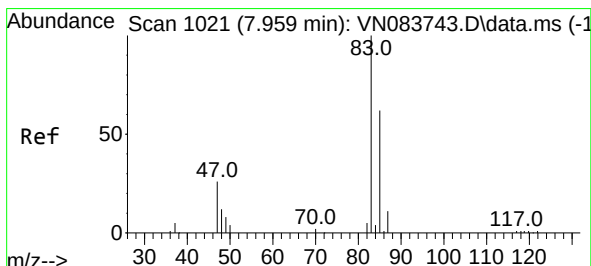
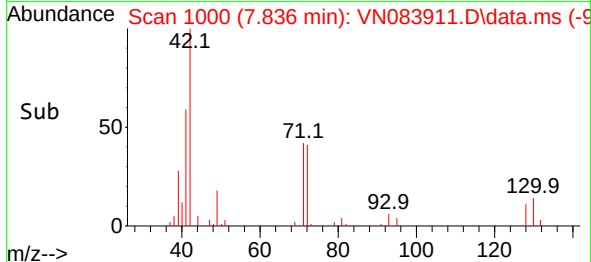
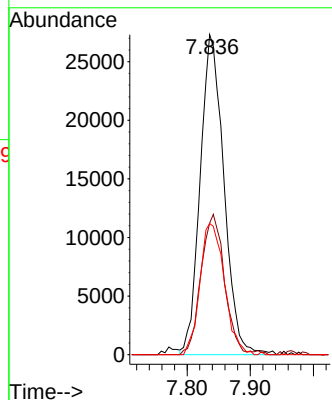
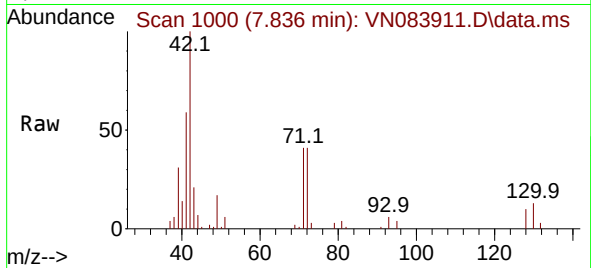




#29
Tetrahydrofuran
Concen: 105.062 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

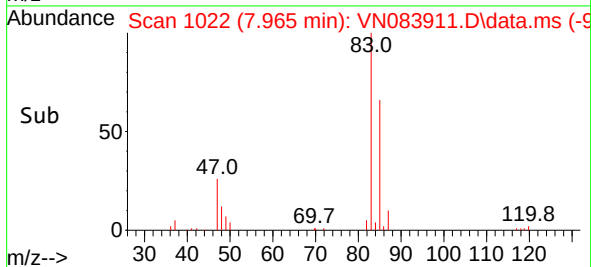
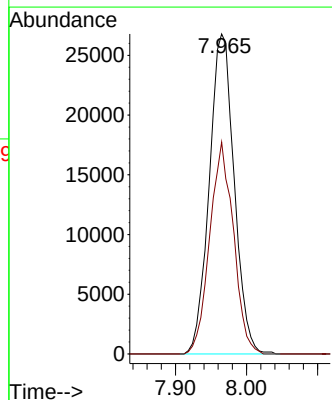
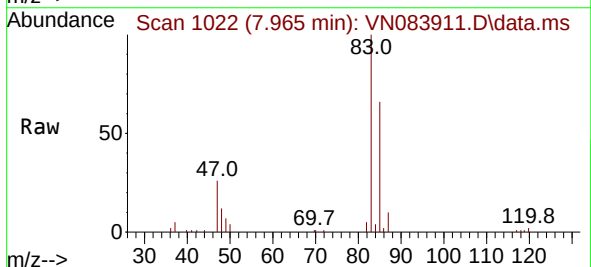
Instrument :
MSVOA_N
ClientSampleId :

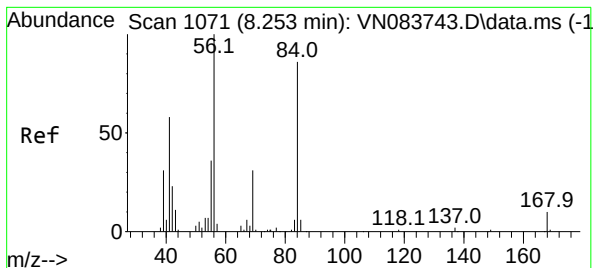
Tgt Ion:	42	Resp:	71238
Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.9	53.9
71	42.1	33.9	50.9



#30
Chloroform
Concen: 18.627 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:	83	Resp:	65240
Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.8	79.2





#31

Cyclohexane

Concen: 16.673 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

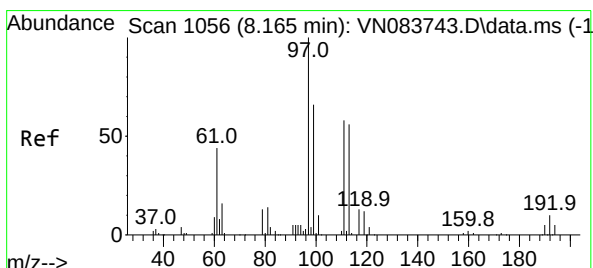
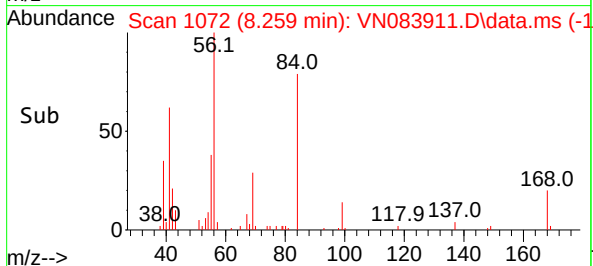
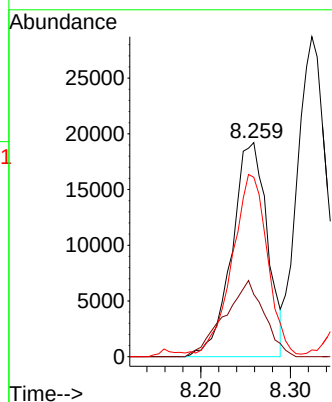
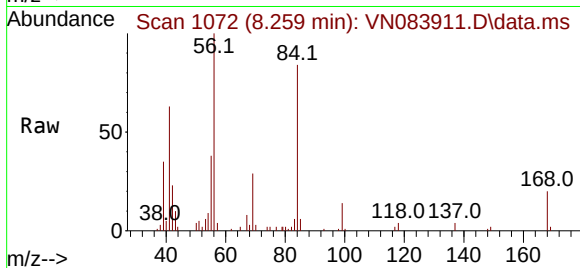
Tgt Ion: 56 Resp: 52445

Ion Ratio Lower Upper

56 100

69 29.1 26.9 40.3

84 81.8 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 18.384 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

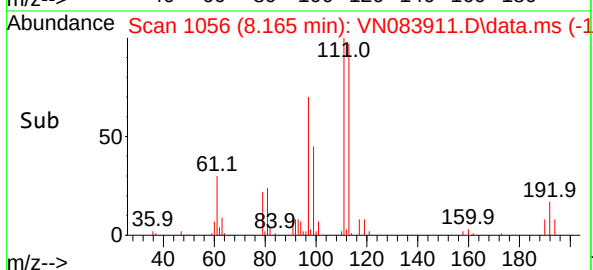
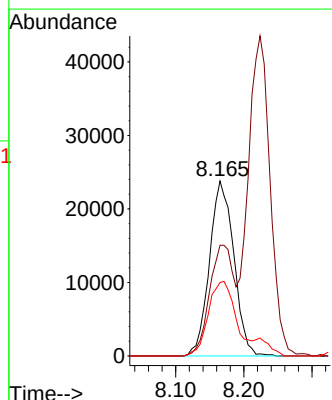
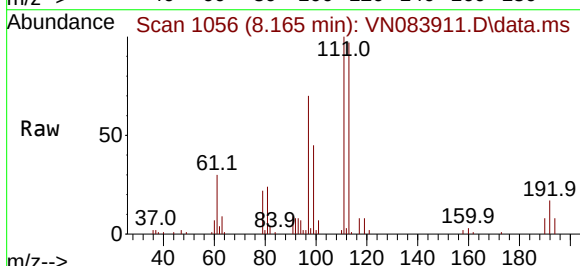
Tgt Ion: 97 Resp: 59205

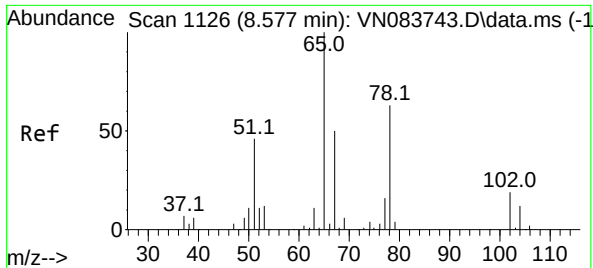
Ion Ratio Lower Upper

97 100

99 62.5 52.3 78.5

61 48.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.633 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

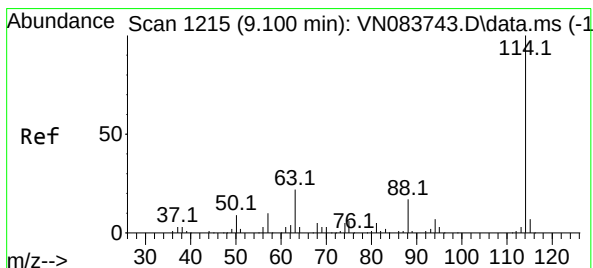
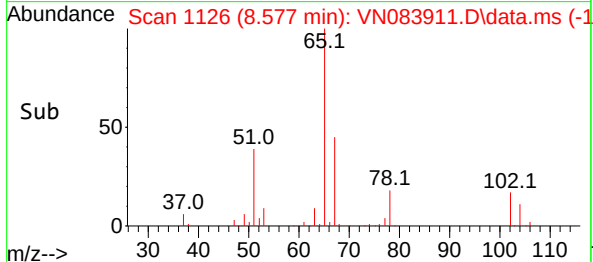
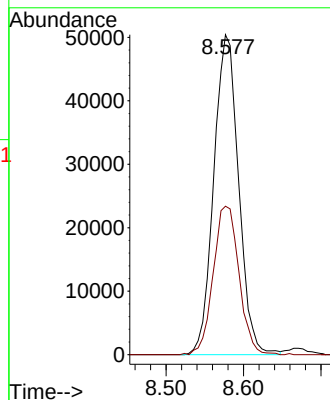
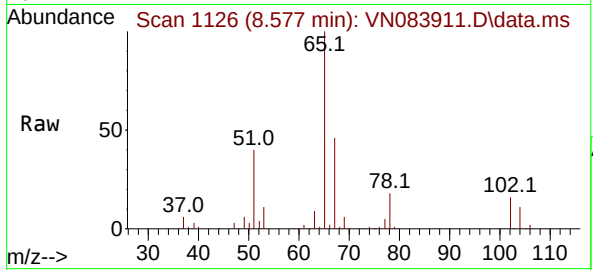
ClientSampleId :

Tgt Ion: 65 Resp: 112375

Ion Ratio Lower Upper

65 100

67 48.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

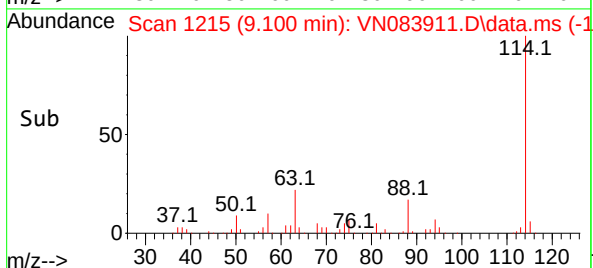
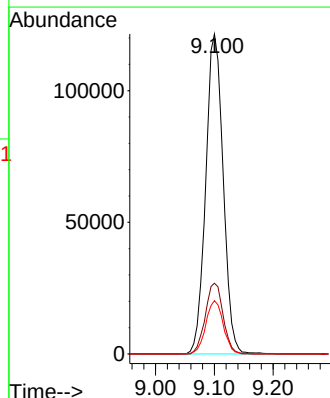
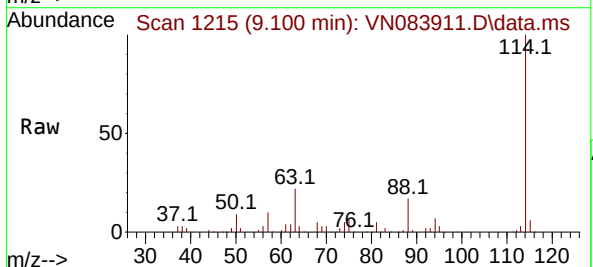
Tgt Ion: 114 Resp: 251360

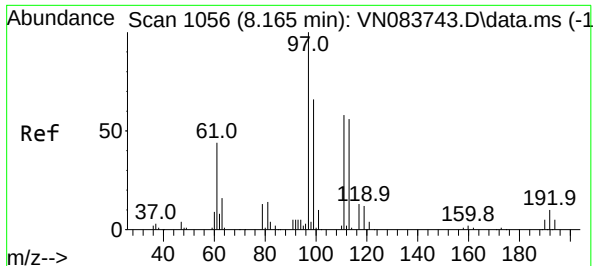
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.210 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083911.D

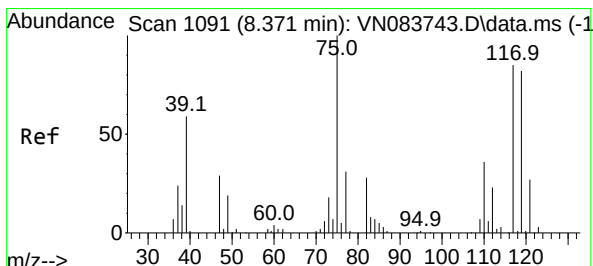
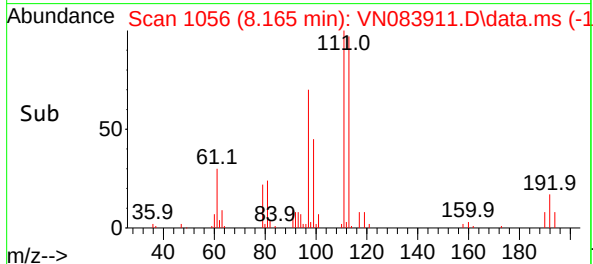
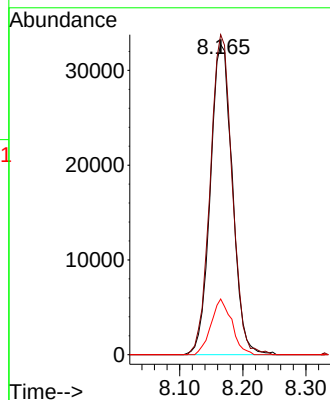
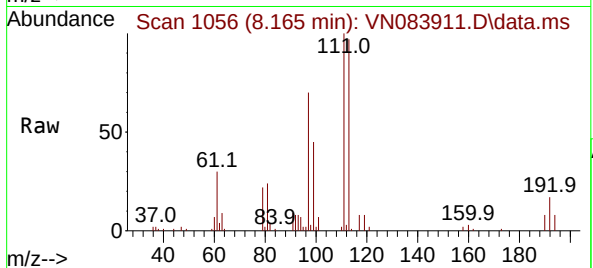
Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	79188
Ion Ratio	Lower	Upper
113	100	
111	102.9	82.6 124.0
192	16.9	14.3 21.5



#36

1,1-Dichloropropene

Concen: 17.504 ug/l

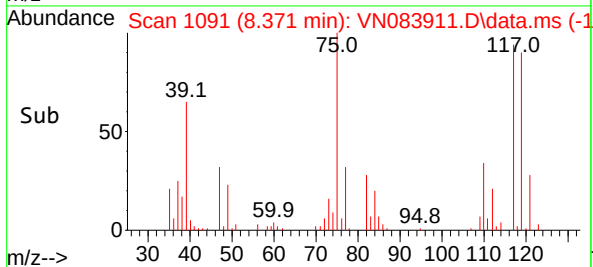
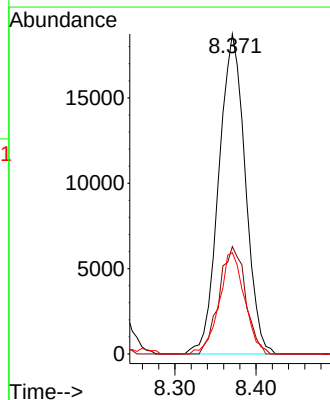
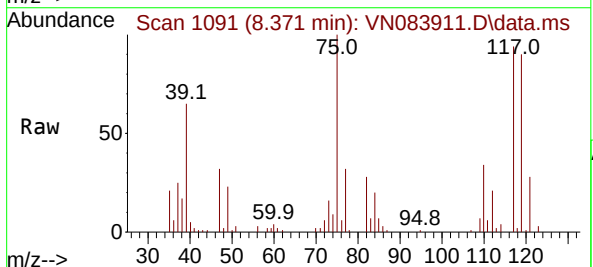
RT: 8.371 min Scan# 1091

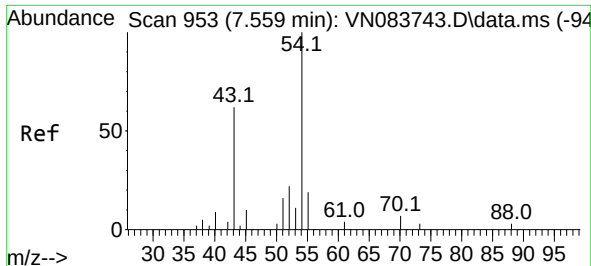
Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Tgt Ion: 75	Resp:	42396
Ion Ratio	Lower	Upper
75	100	
110	33.4	16.7 50.1
77	30.5	25.2 37.8

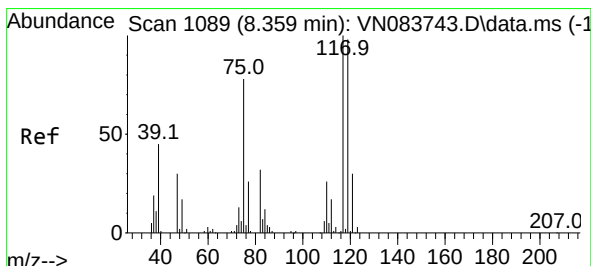
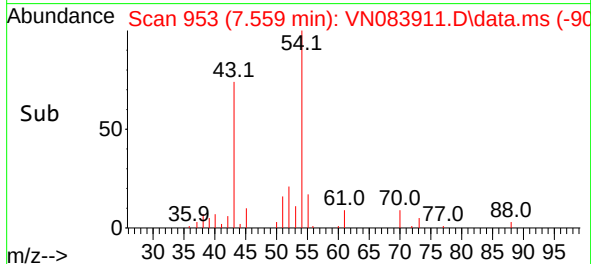
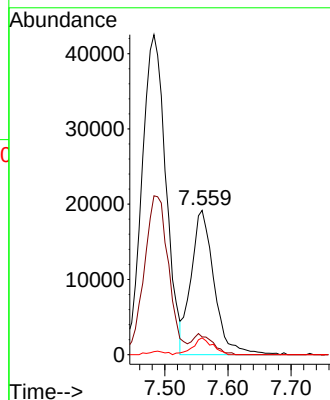
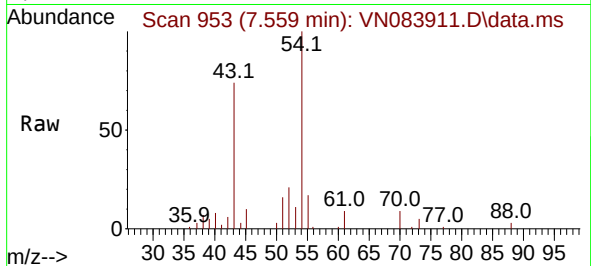




#37
Ethyl Acetate
Concen: 22.182 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

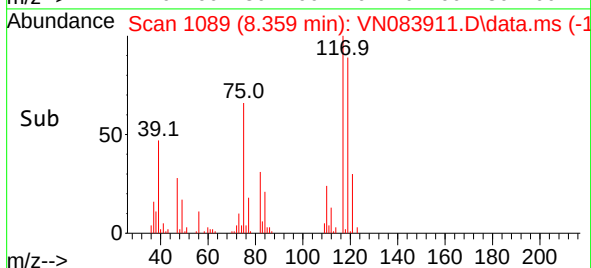
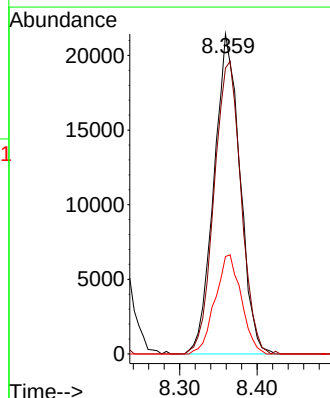
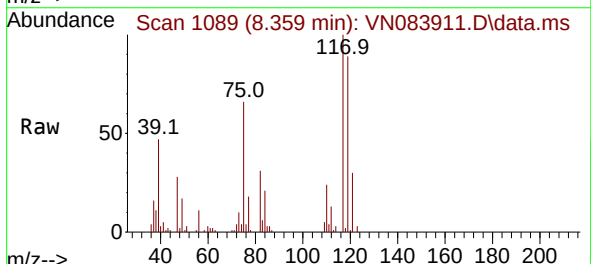
Instrument :
MSVOA_N
ClientSampleId :

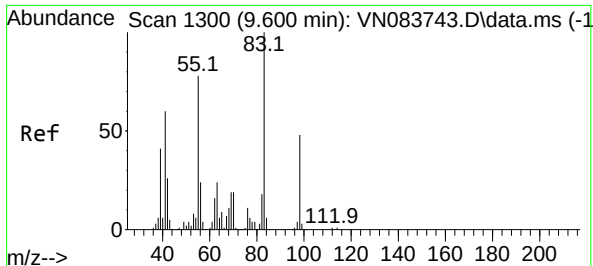
Tgt Ion: 43 Resp: 48767
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 9.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.240 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 117 Resp: 50121
Ion Ratio Lower Upper
117 100
119 89.4 76.1 114.1
121 30.5 24.1 36.1





#39

Methylcyclohexane

Concen: 16.493 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

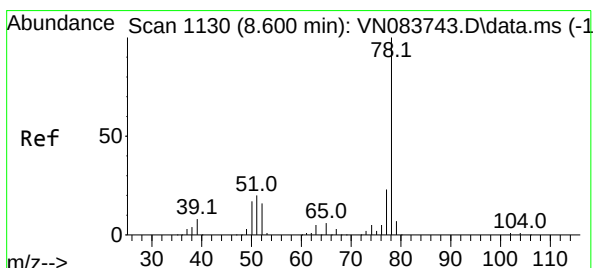
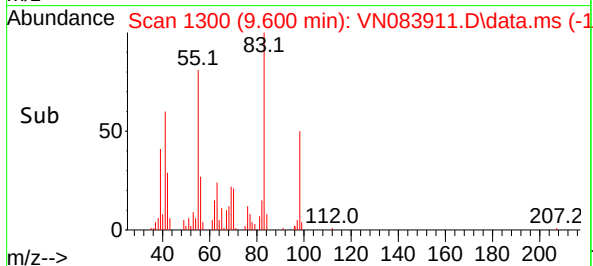
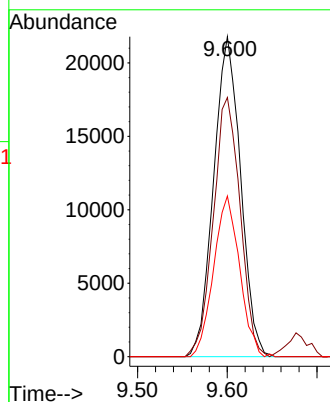
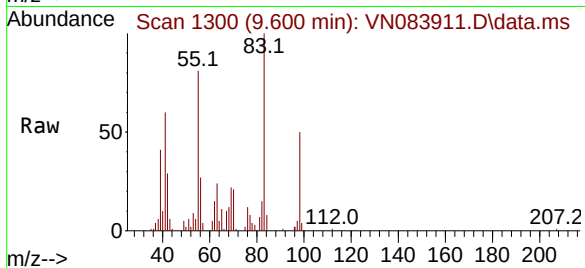
Tgt Ion: 83 Resp: 45470

Ion Ratio Lower Upper

83 100

55 81.0 62.2 93.4

98 50.2 37.6 56.4



#40

Benzene

Concen: 18.282 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083911.D

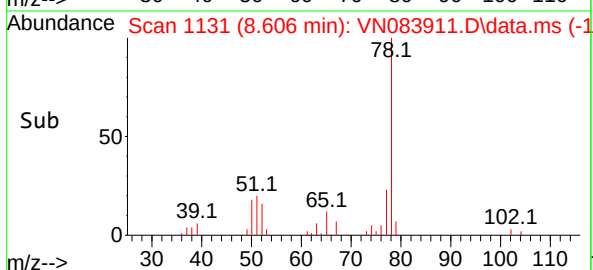
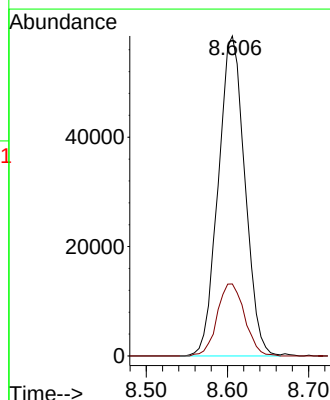
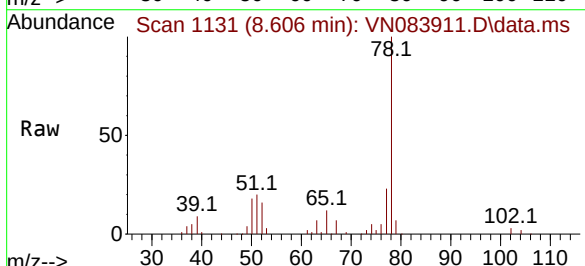
Acq: 16 Sep 2024 12:39

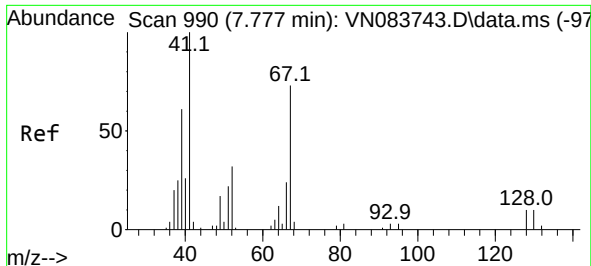
Tgt Ion: 78 Resp: 133278

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6

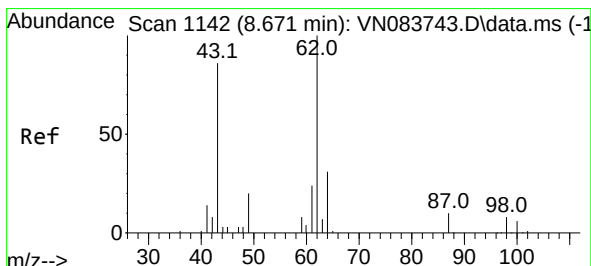
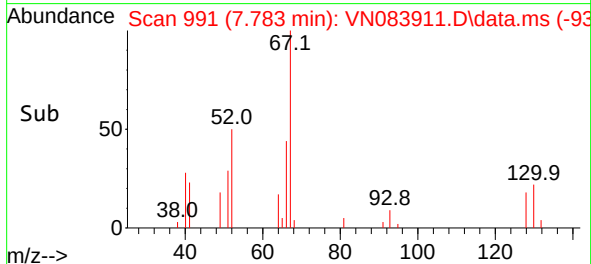
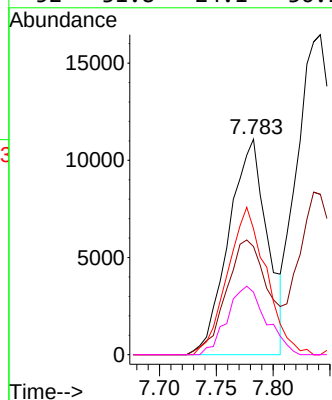
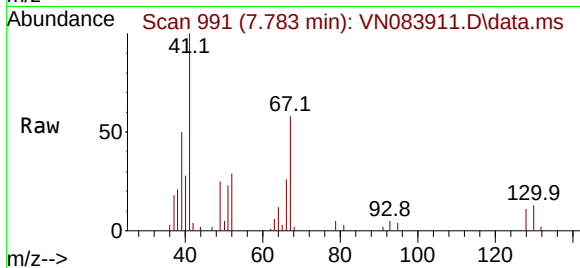




#41
Methacrylonitrile
Concen: 20.220 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

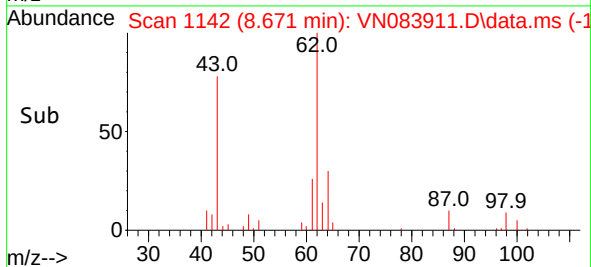
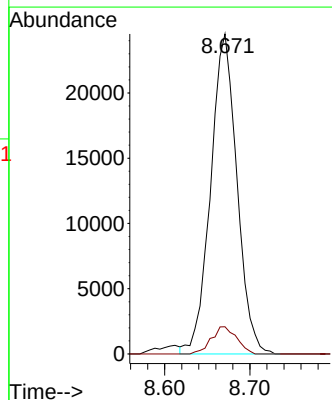
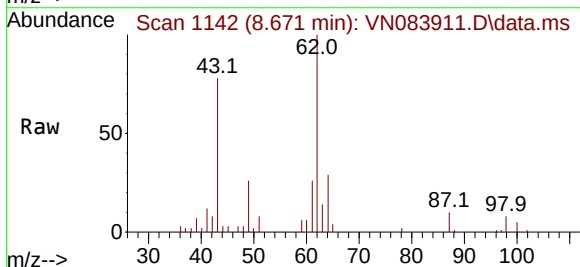
Instrument :
MSVOA_N
ClientSampleId :

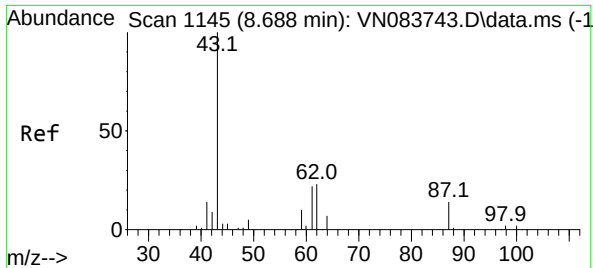
Tgt Ion:	41	Resp:	26292
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.4	68.2
67	68.5	55.9	83.9
52	31.8	24.1	36.1



#42
1,2-Dichloroethane
Concen: 19.384 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:	62	Resp:	52802
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

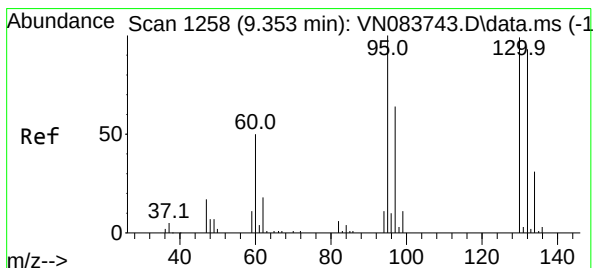
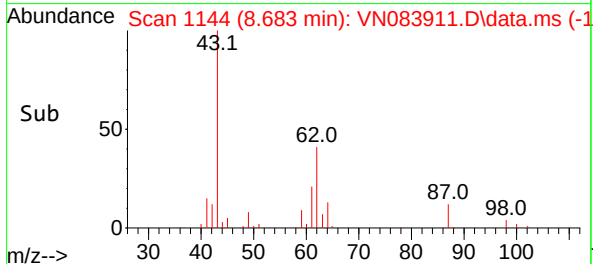
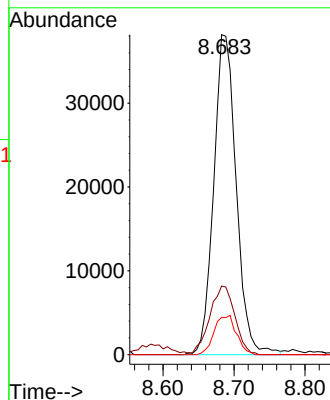
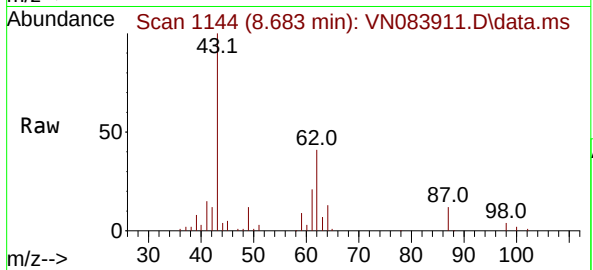




#43
Isopropyl Acetate
Concen: 21.047 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

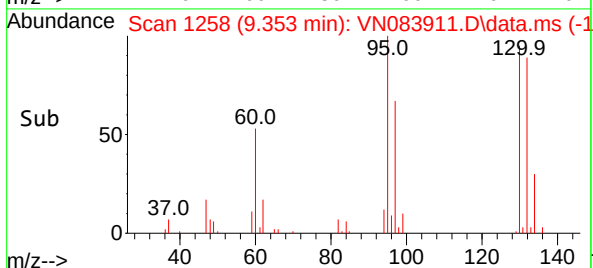
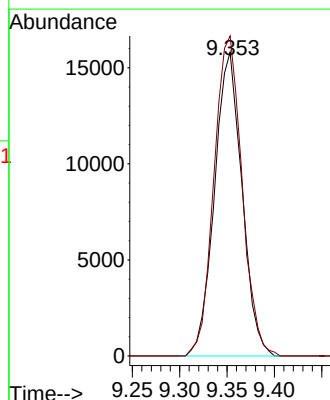
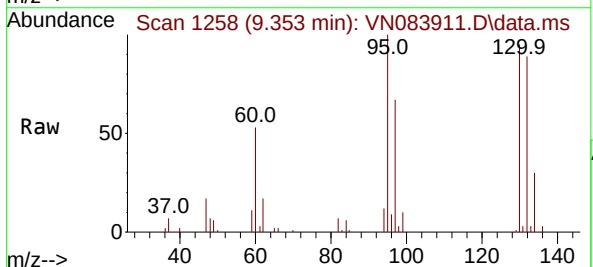
Instrument :
MSVOA_N
ClientSampleId :

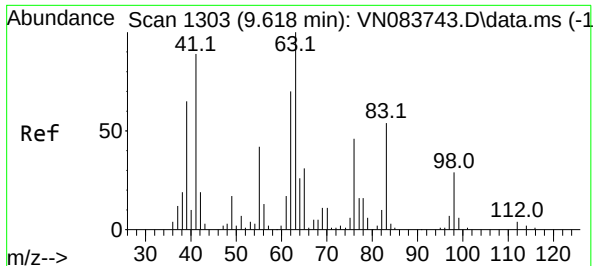
Tgt Ion: 43 Resp: 83850
Ion Ratio Lower Upper
43 100
61 23.9 19.4 29.0
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 18.894 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:130 Resp: 31896
Ion Ratio Lower Upper
130 100
95 105.3 0.0 200.4





#45

1,2-Dichloropropane

Concen: 18.630 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

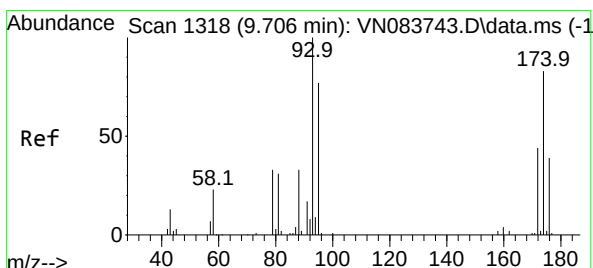
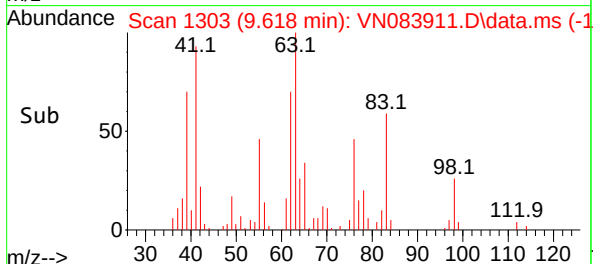
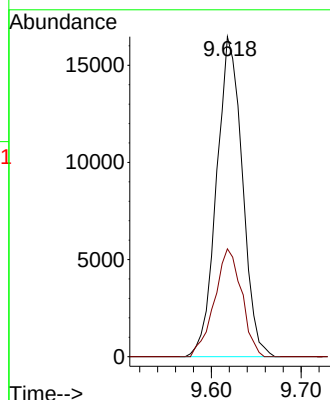
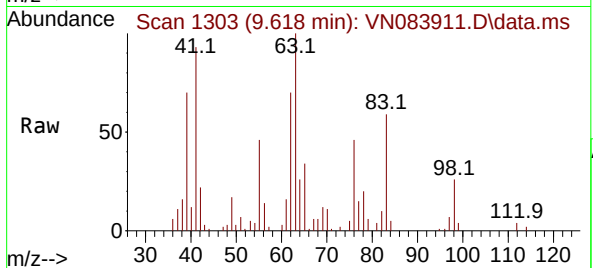
ClientSampleId :

Tgt Ion: 63 Resp: 32826

Ion Ratio Lower Upper

63 100

65 33.7 25.9 38.9



#46

Dibromomethane

Concen: 20.484 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

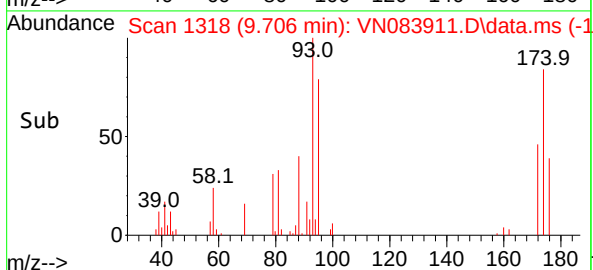
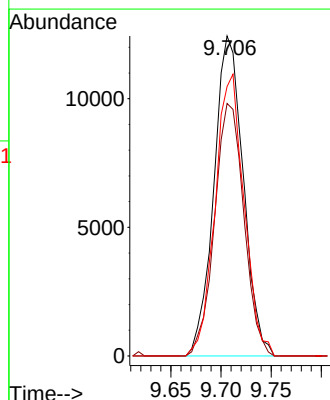
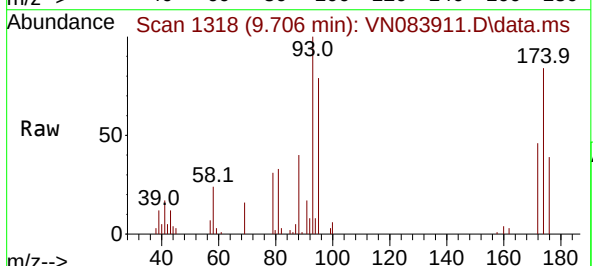
Tgt Ion: 93 Resp: 25280

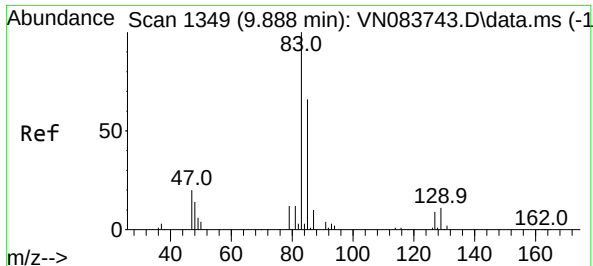
Ion Ratio Lower Upper

93 100

95 78.8 65.3 97.9

174 86.7 71.0 106.4

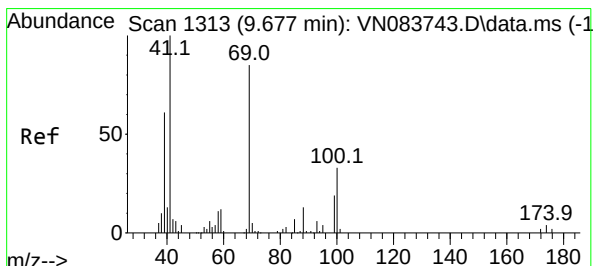
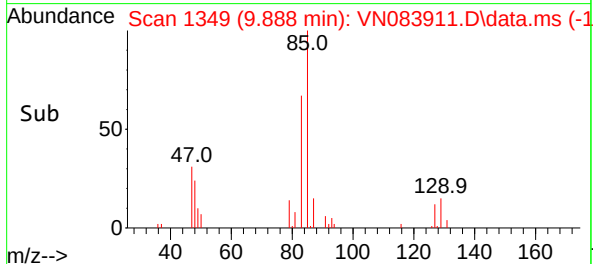
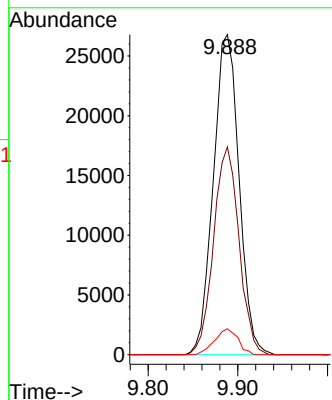
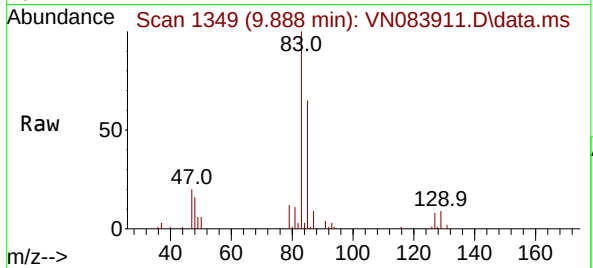




#47
Bromodichloromethane
Concen: 20.003 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

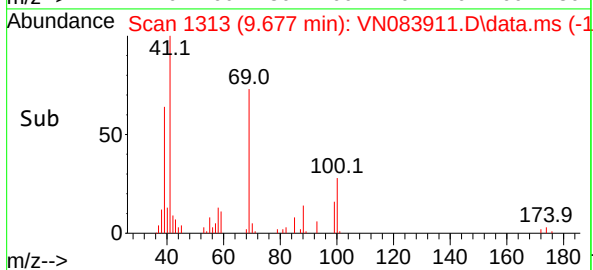
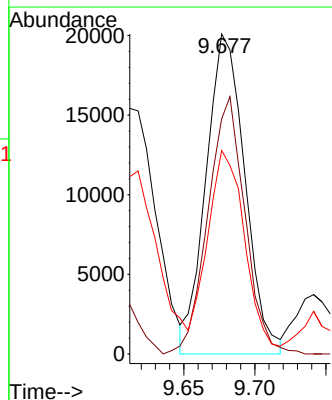
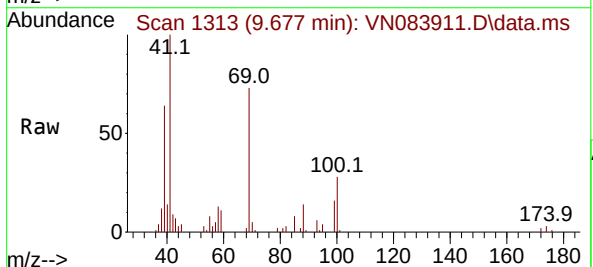
Instrument :
MSVOA_N
ClientSampleId :

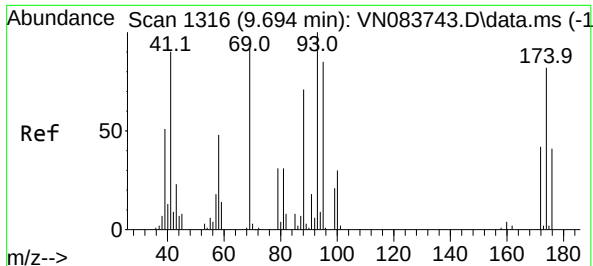
Tgt Ion: 83 Resp: 53427
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 20.222 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 41 Resp: 38223
Ion Ratio Lower Upper
41 100
69 76.6 64.3 96.5
39 61.5 48.9 73.3





#49

1,4-Dioxane

Concen: 455.005 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

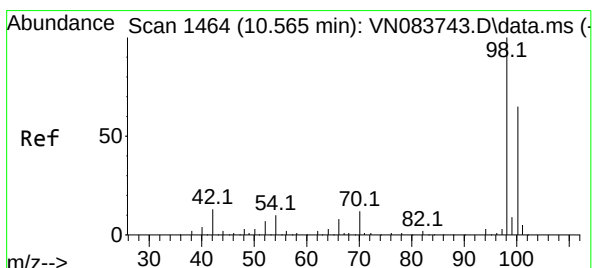
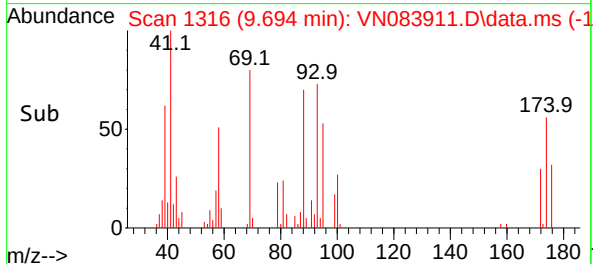
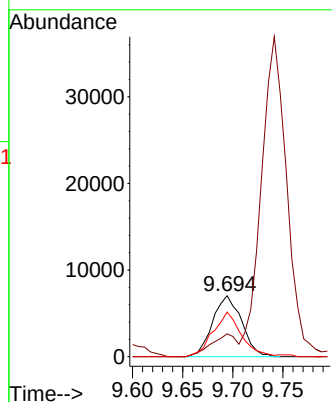
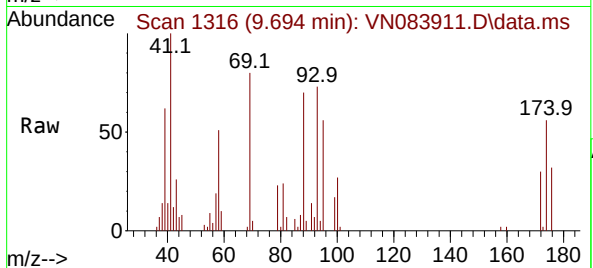
Tgt Ion: 88 Resp: 14148

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 72.8 57.1 85.7



#50

Toluene-d8

Concen: 50.188 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083911.D

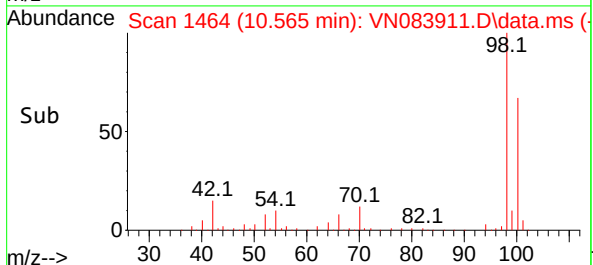
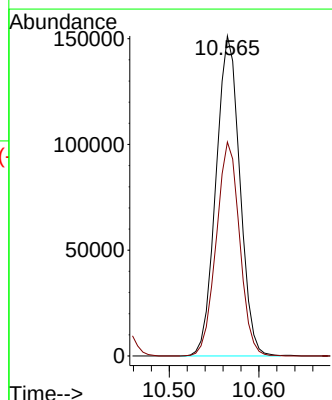
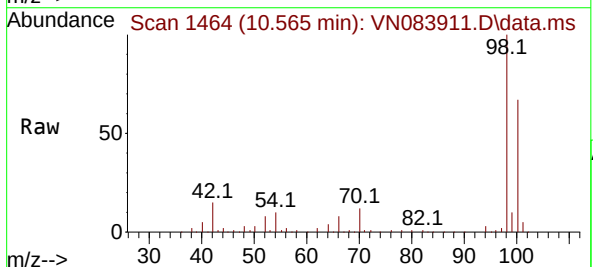
Acq: 16 Sep 2024 12:39

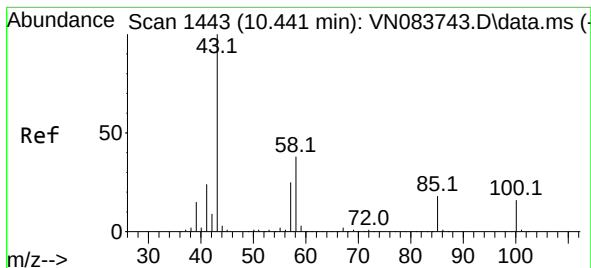
Tgt Ion: 98 Resp: 279194

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

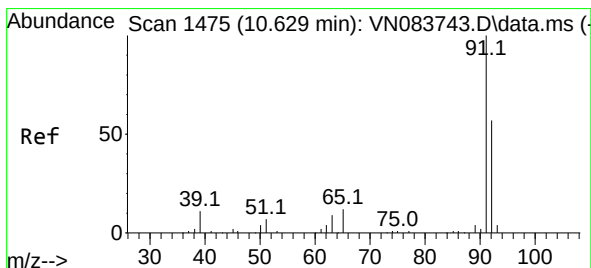
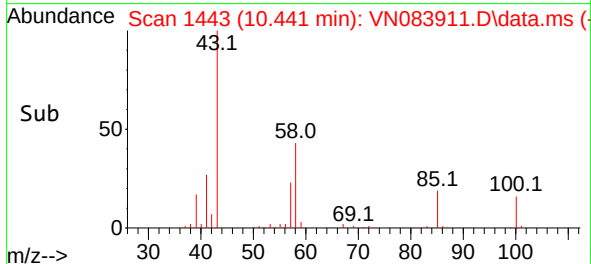
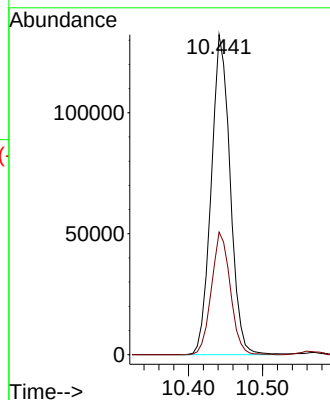
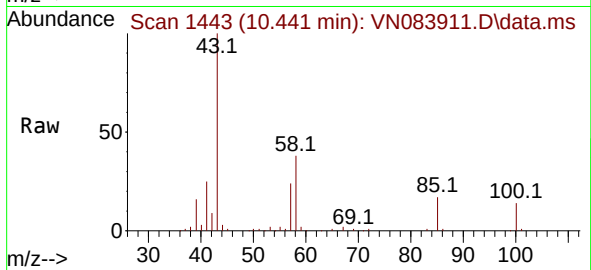




#51
4-Methyl-2-Pentanone
Concen: 108.228 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

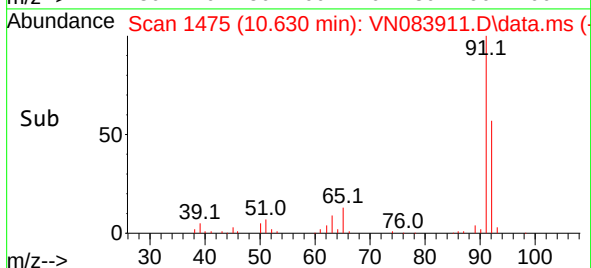
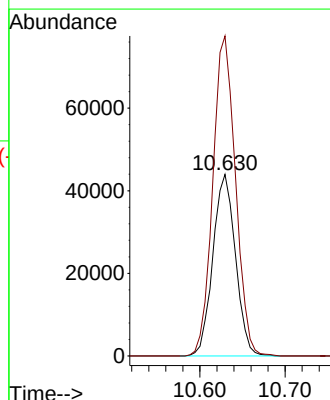
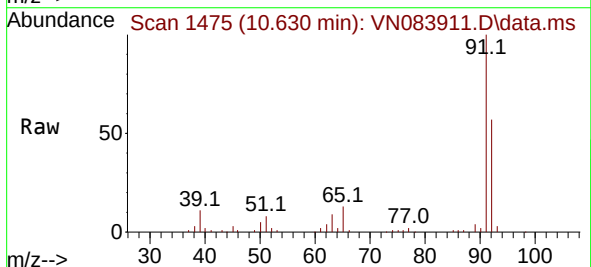
Instrument :
MSVOA_N
ClientSampleId :

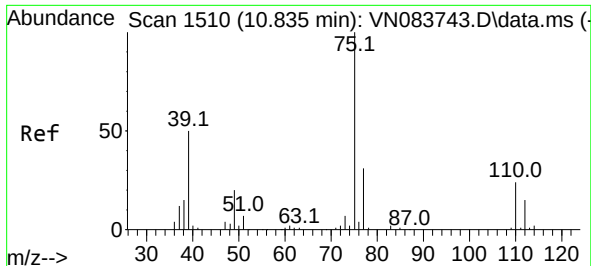
Tgt Ion: 43 Resp: 234712
Ion Ratio Lower Upper
43 100
58 38.1 31.6 47.4



#52
Toluene
Concen: 18.128 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 92 Resp: 80836
Ion Ratio Lower Upper
92 100
91 177.2 134.7 202.1

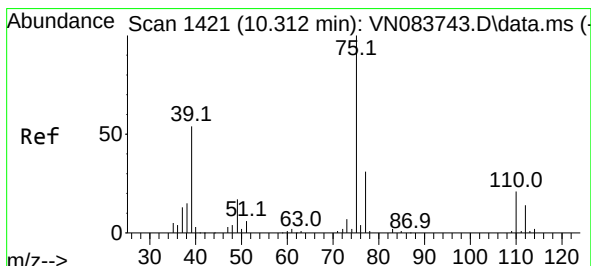
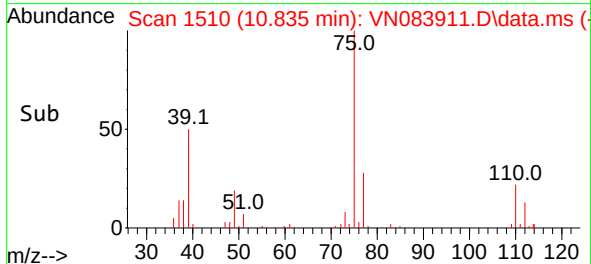
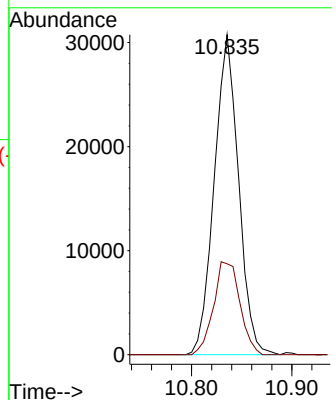
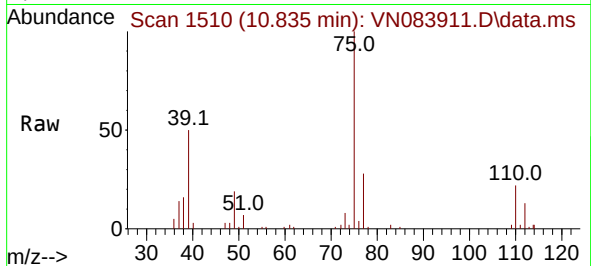




#53
 t-1,3-Dichloropropene
 Concen: 19.101 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

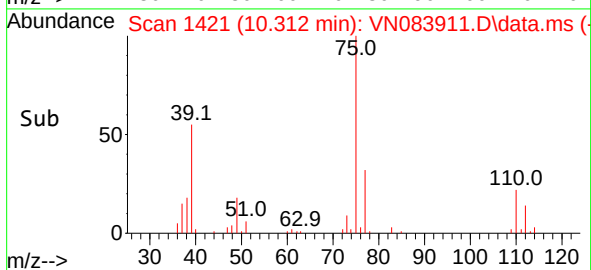
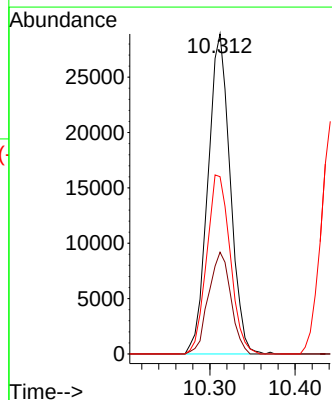
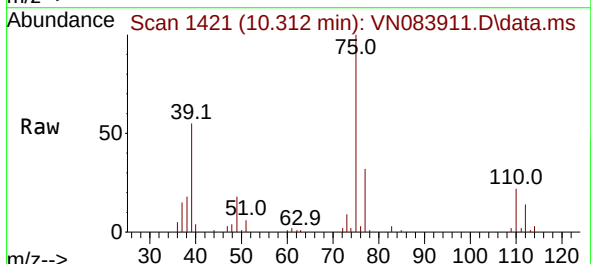
Instrument :
 MSVOA_N
 ClientSampleId :

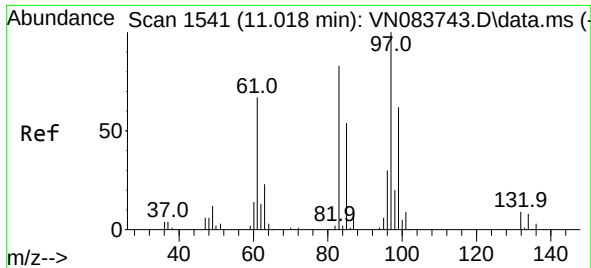
Tgt Ion: 75 Resp: 51711
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.488 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

Tgt Ion: 75 Resp: 52576
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 55.4 42.6 64.0

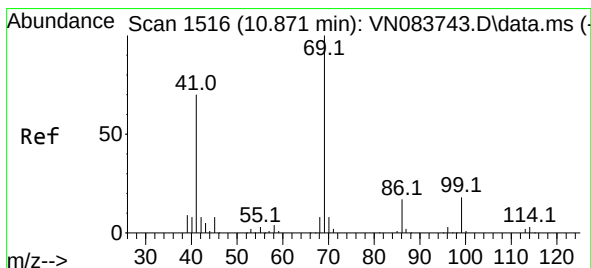
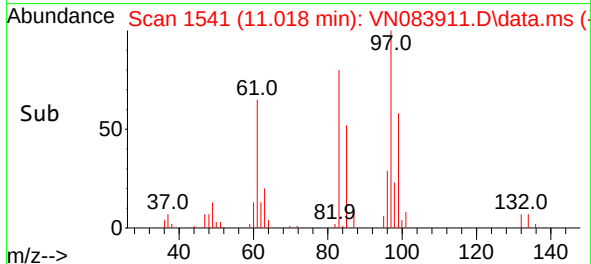
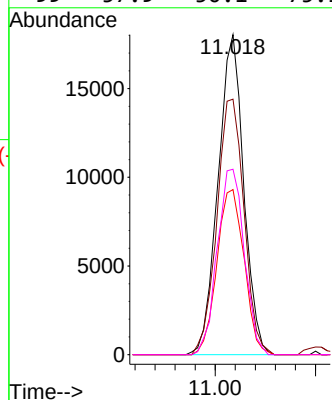
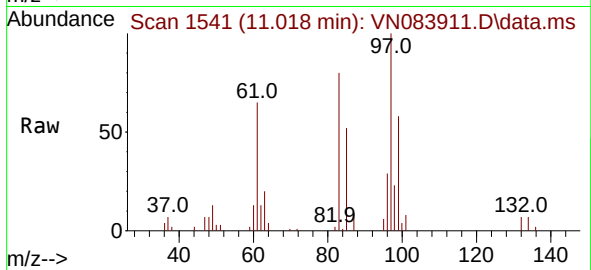




#55
1,1,2-Trichloroethane
Concen: 19.194 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

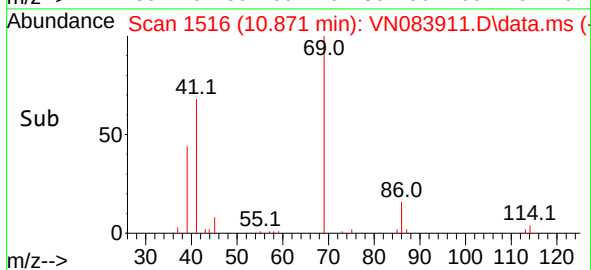
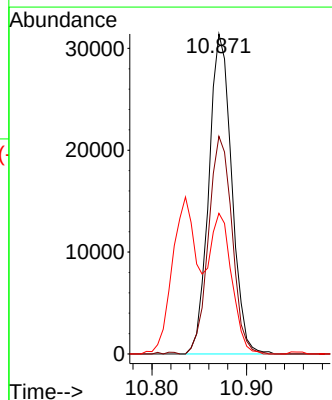
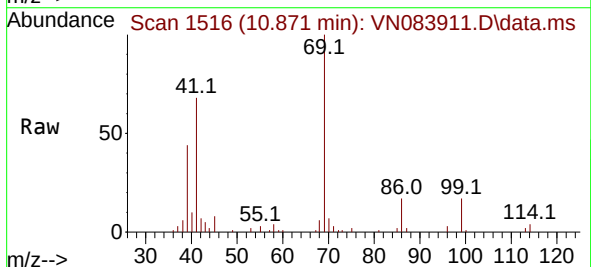
Instrument :
MSVOA_N
ClientSampleId :

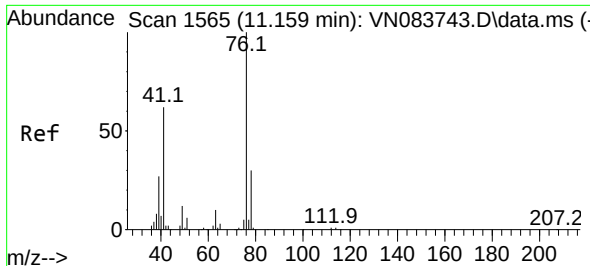
Tgt Ion: 97	Resp: 31953
Ion Ratio	Lower Upper
97 100	
83 79.9	67.5 101.3
85 51.6	44.2 66.2
99 57.9	50.1 75.1



#56
Ethyl methacrylate
Concen: 20.513 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 69	Resp: 52538
Ion Ratio	Lower Upper
69 100	
41 70.2	53.9 80.9
39 43.1	32.6 48.8





#57

1,3-Dichloropropane

Concen: 19.347 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

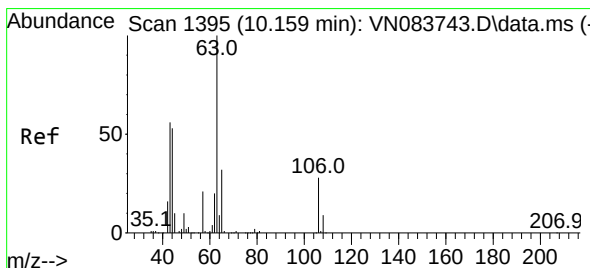
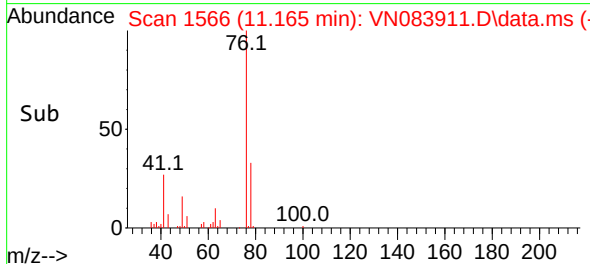
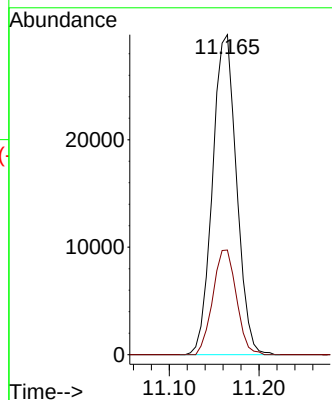
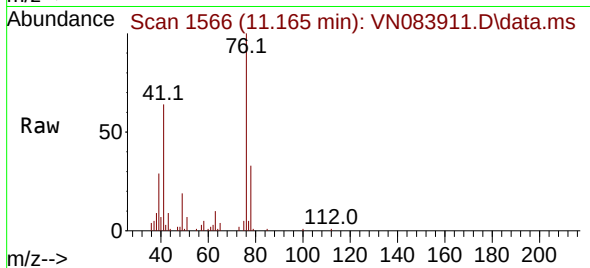
ClientSampleId :

Tgt Ion: 76 Resp: 55355

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 121.831 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083911.D

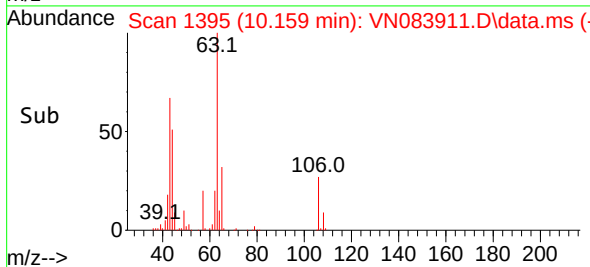
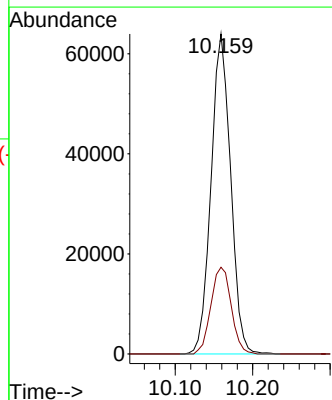
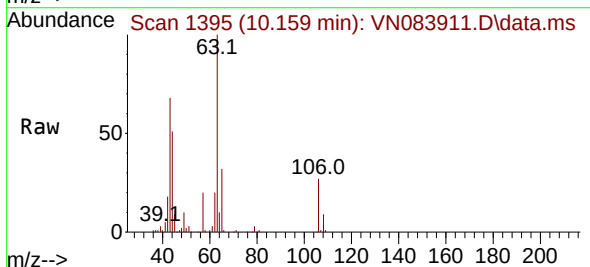
Acq: 16 Sep 2024 12:39

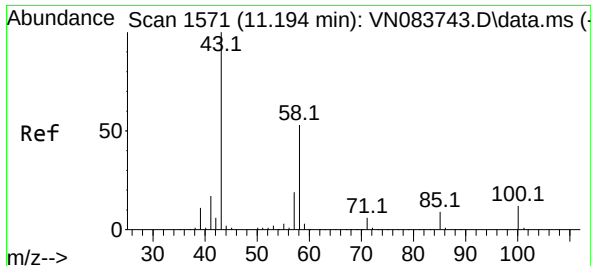
Tgt Ion: 63 Resp: 112434

Ion Ratio Lower Upper

63 100

106 28.1 23.3 34.9

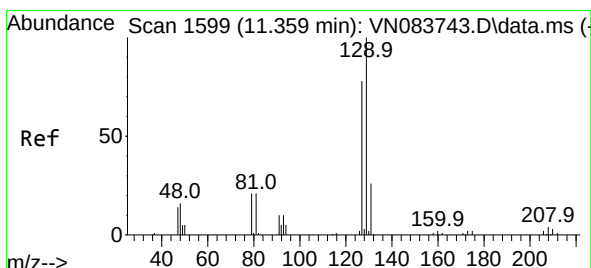
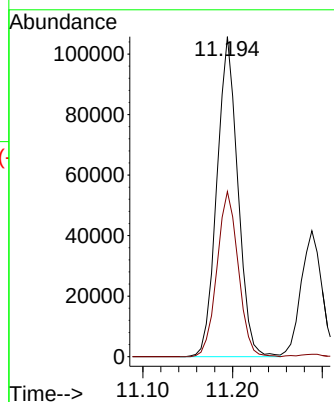
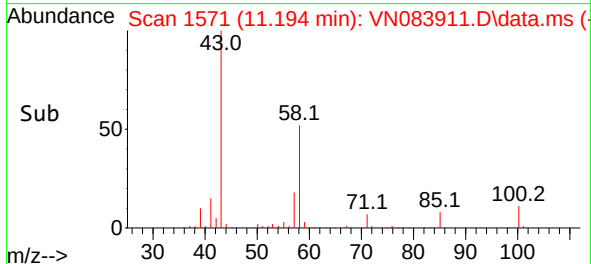
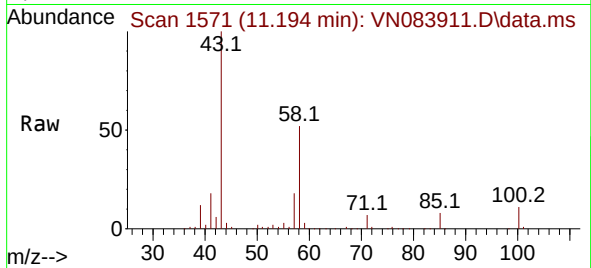




#59
2-Hexanone
Concen: 106.852 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

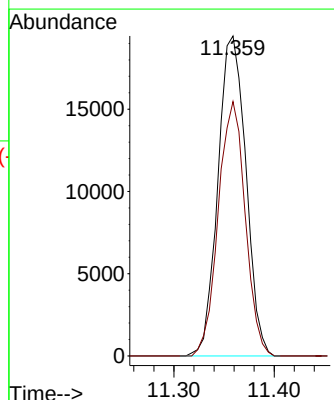
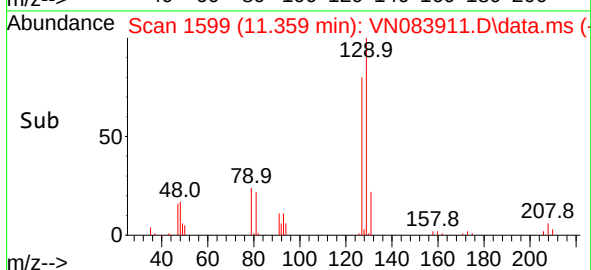
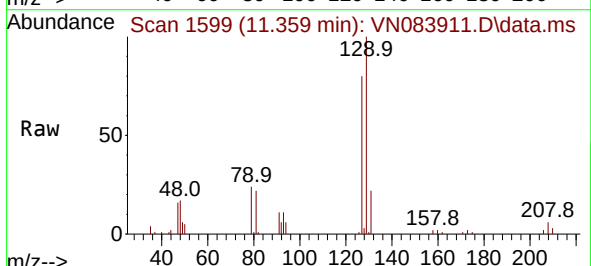
Instrument :
MSVOA_N
ClientSampleId :

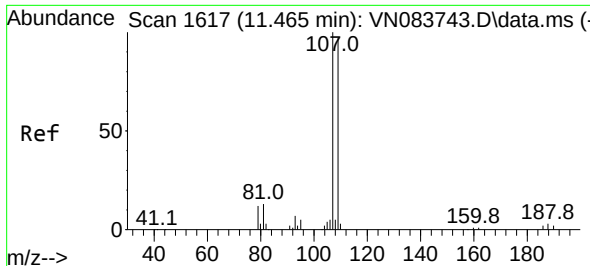
Tgt Ion: 43 Resp: 171414
Ion Ratio Lower Upper
43 100
58 52.3 27.2 81.5



#60
Dibromochloromethane
Concen: 20.183 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:129 Resp: 37602
Ion Ratio Lower Upper
129 100
127 76.6 39.0 116.9

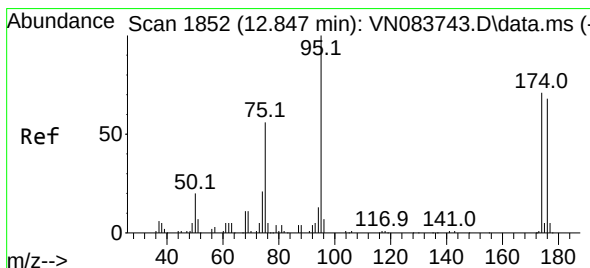
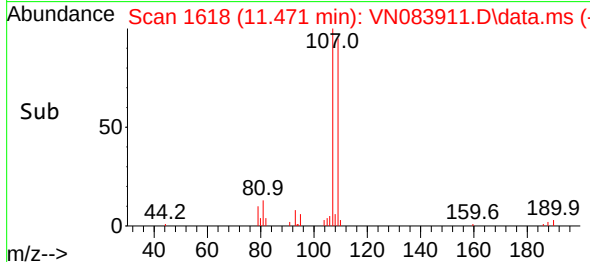
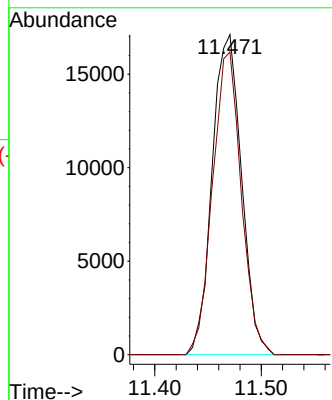
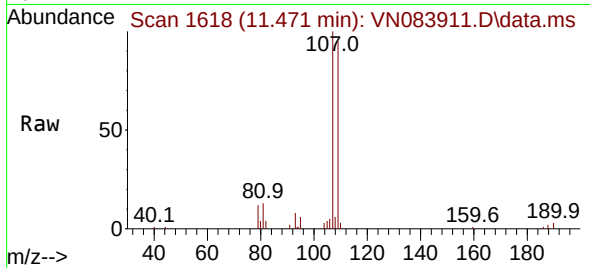




#61
1,2-Dibromoethane
Concen: 19.703 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

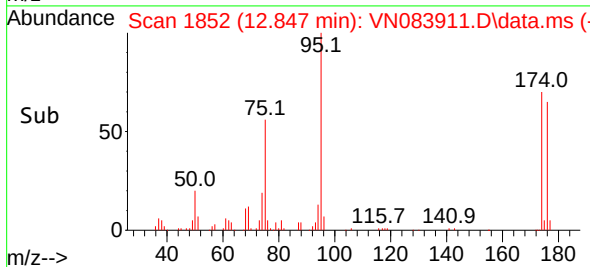
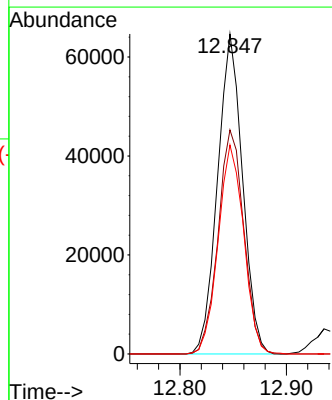
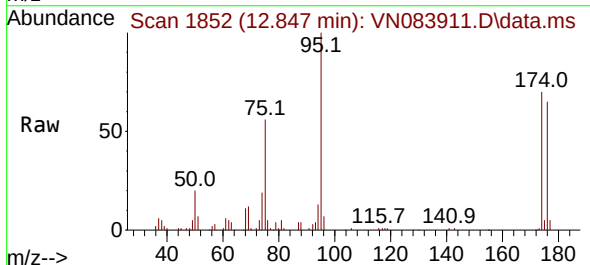
Instrument :
MSVOA_N
ClientSampleId :

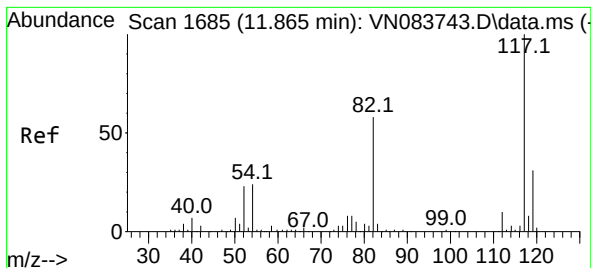
Tgt Ion:107 Resp: 32712
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.843 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 95 Resp: 105218
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 66.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

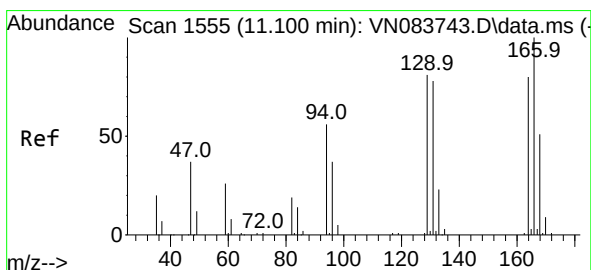
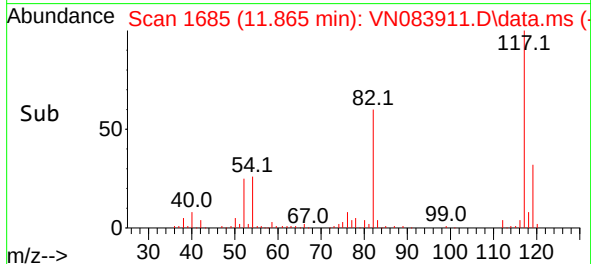
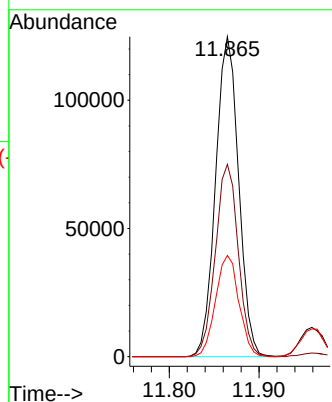
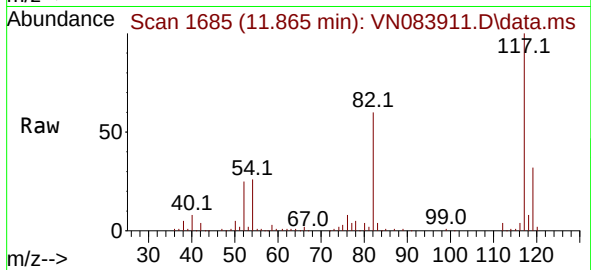
Tgt Ion:117 Resp: 222671

Ion Ratio Lower Upper

117 100

82 60.1 47.4 71.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 18.291 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Tgt Ion:164 Resp: 27086

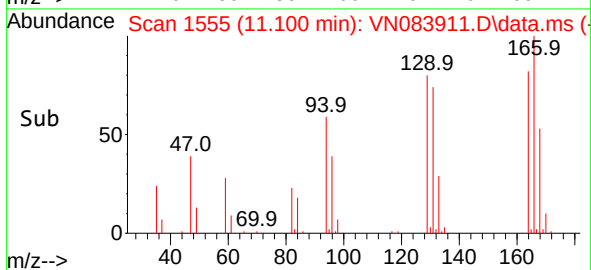
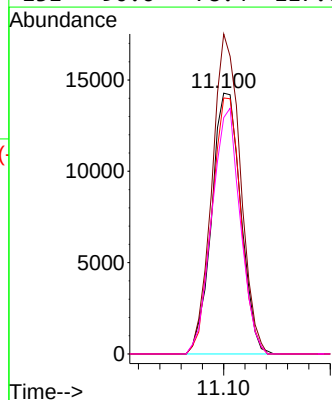
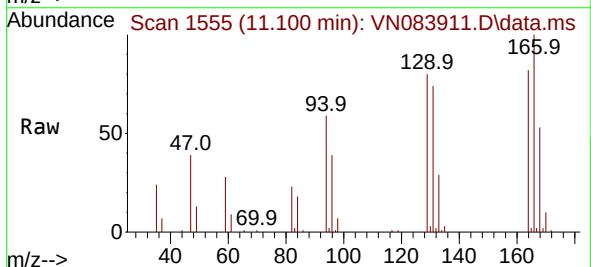
Ion Ratio Lower Upper

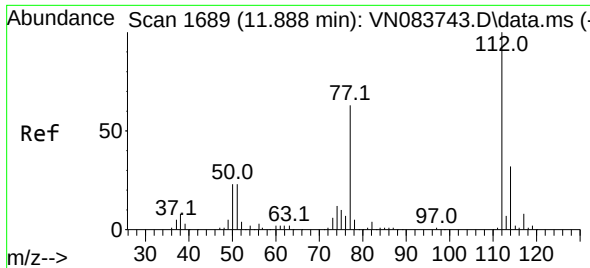
164 100

166 122.7 103.7 155.5

129 98.1 79.9 119.9

131 90.6 78.4 117.6

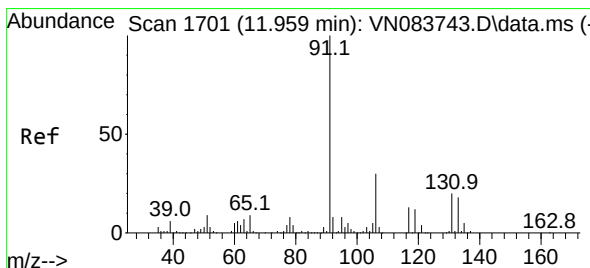
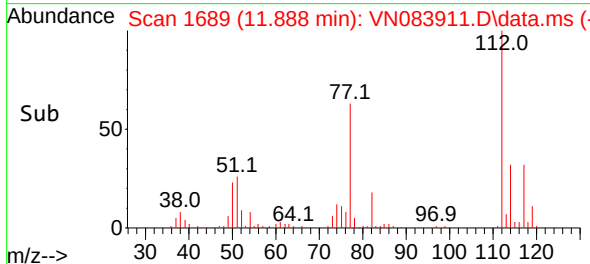
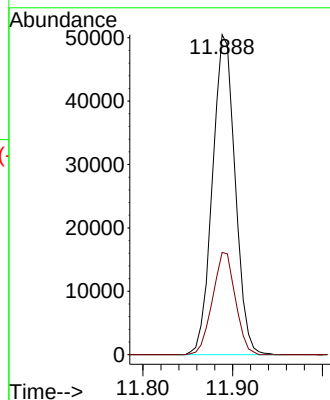
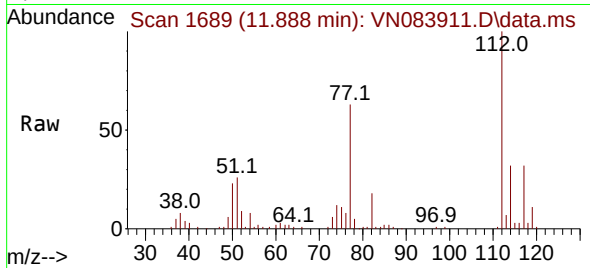




#65
Chlorobenzene
Concen: 17.896 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

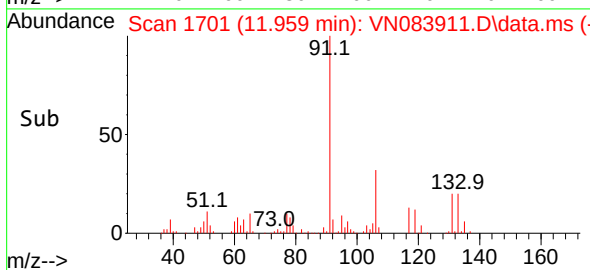
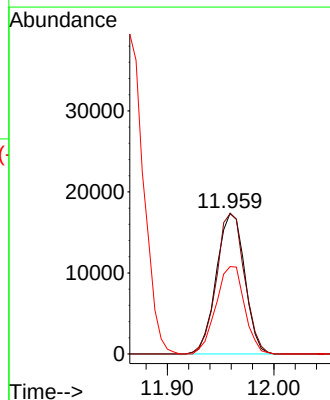
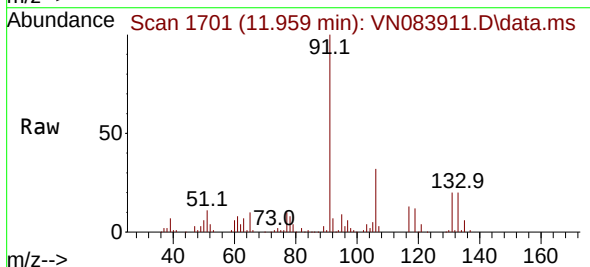
Instrument :
MSVOA_N
ClientSampleId :

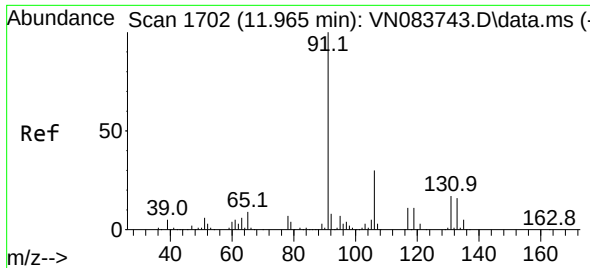
Tgt Ion:112 Resp: 88568
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.663 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:131 Resp: 32019
Ion Ratio Lower Upper
131 100
133 99.2 47.5 142.6
119 62.7 31.6 94.8

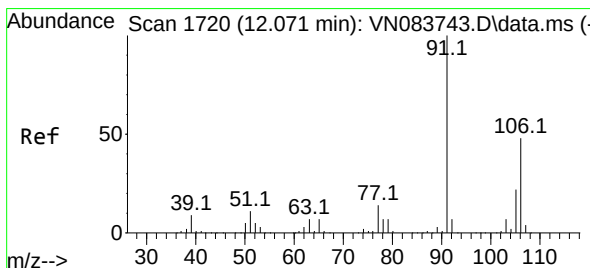
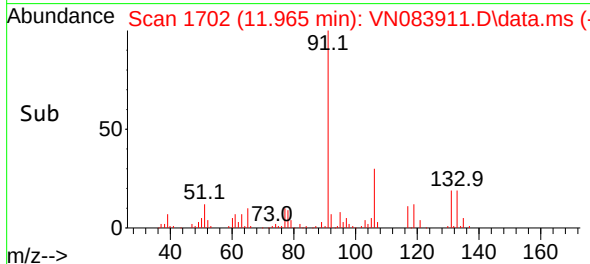
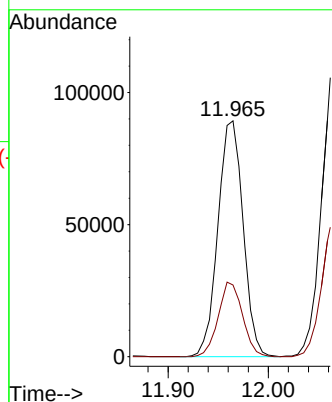
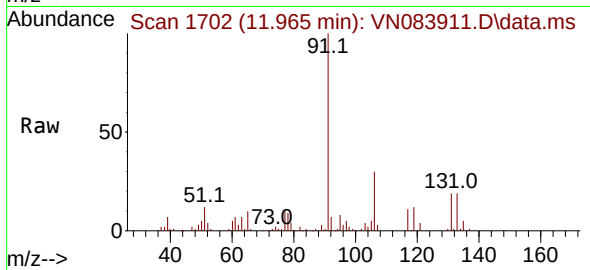




#67
Ethyl Benzene
Concen: 17.727 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

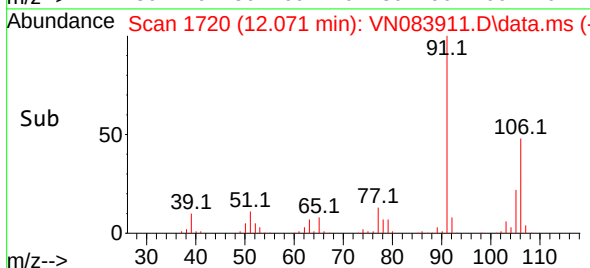
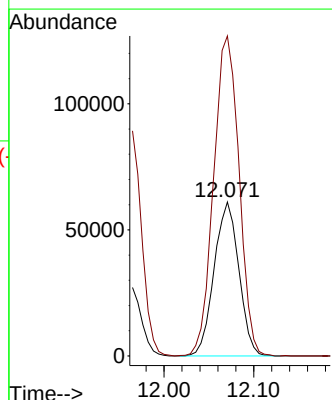
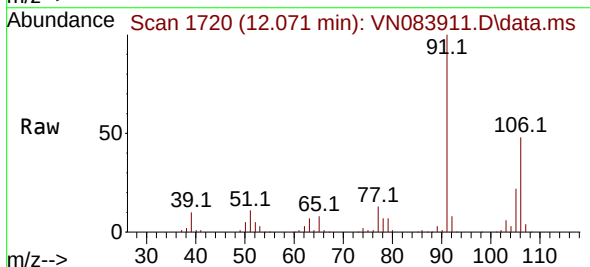
Instrument :
MSVOA_N
ClientSampleId :

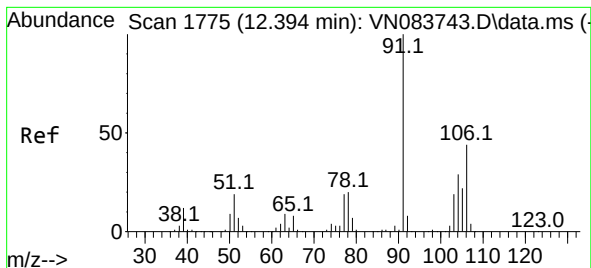
Tgt Ion: 91 Resp: 155848
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 35.763 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:106 Resp: 116730
Ion Ratio Lower Upper
106 100
91 214.0 169.2 253.8





#69

o-Xylene

Concen: 18.019 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

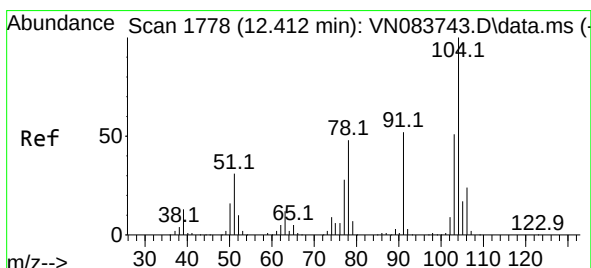
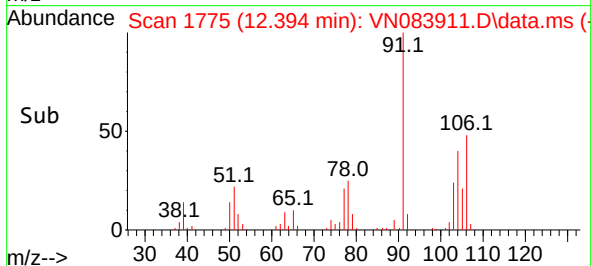
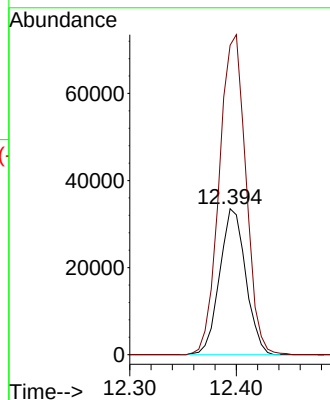
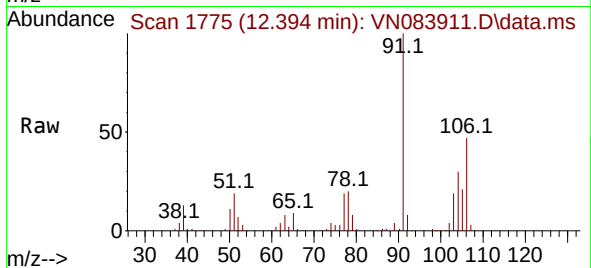
ClientSampleId :

Tgt Ion:106 Resp: 56937

Ion Ratio Lower Upper

106 100

91 224.1 112.9 338.6



#70

Styrene

Concen: 18.554 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

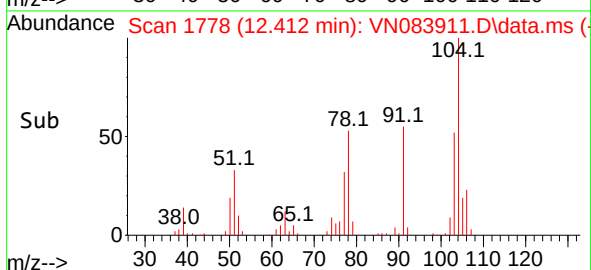
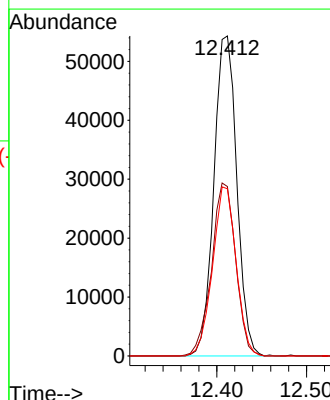
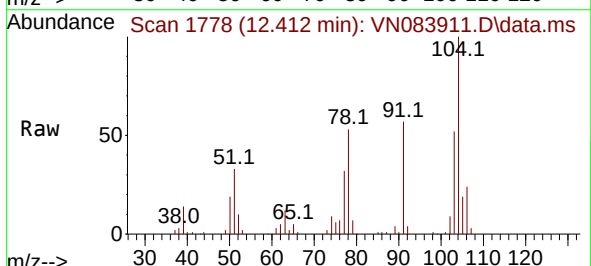
Tgt Ion:104 Resp: 96213

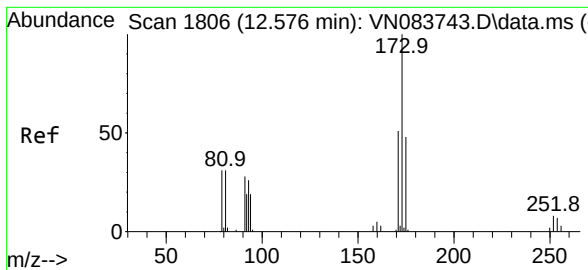
Ion Ratio Lower Upper

104 100

78 56.9 43.3 64.9

103 54.4 43.4 65.2

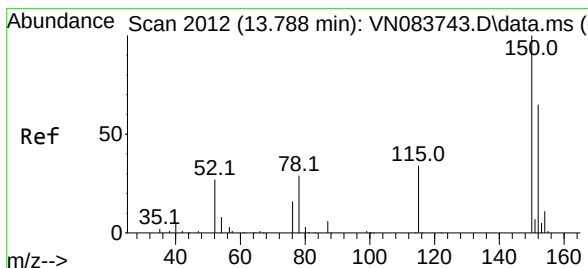
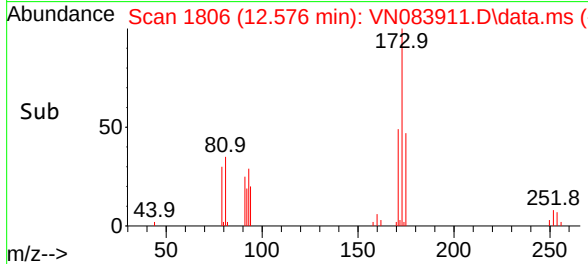
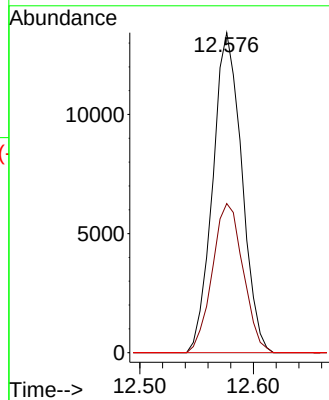
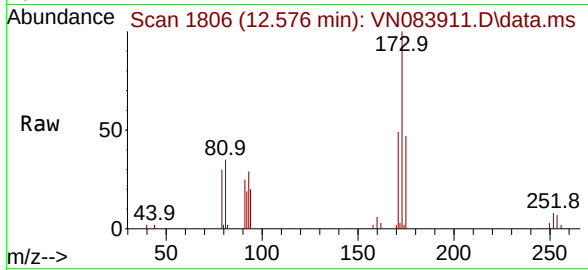




#71
Bromoform
Concen: 20.627 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

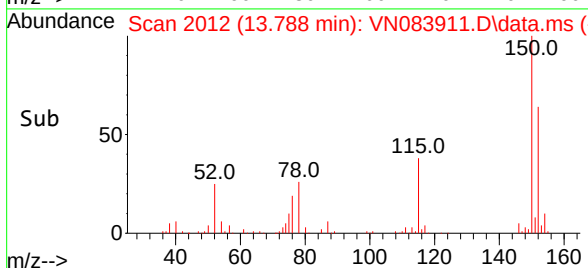
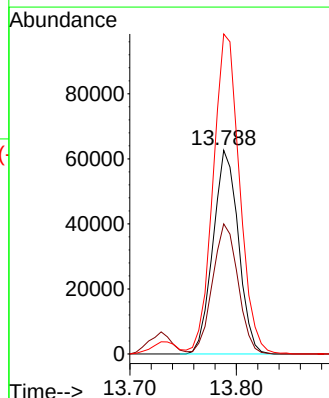
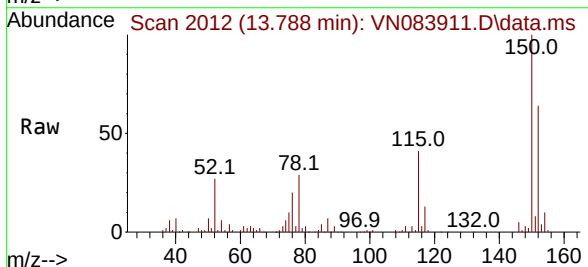
Instrument :
MSVOA_N
ClientSampleId :

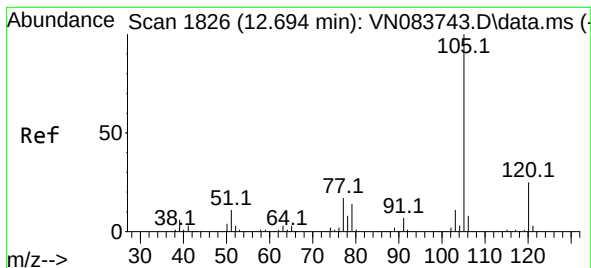
Tgt Ion:173 Resp: 23847
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:152 Resp: 103277
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 164.6 0.0 348.6





#73

Isopropylbenzene

Concen: 18.292 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

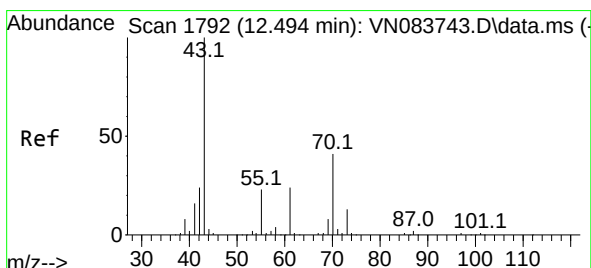
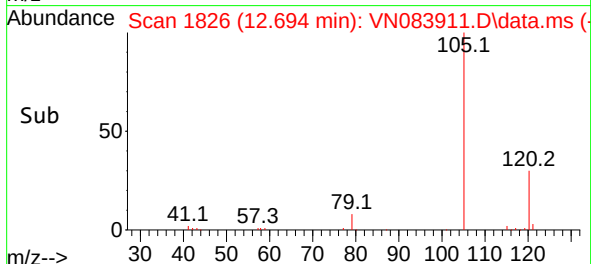
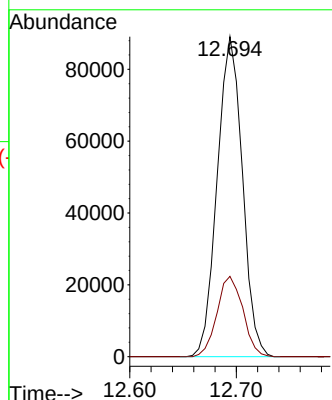
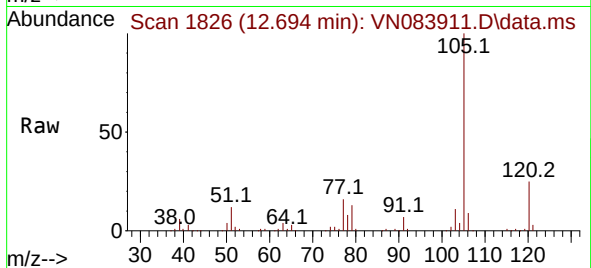
ClientSampleId :

Tgt Ion:105 Resp: 146155

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 20.293 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Tgt Ion: 43 Resp: 69179

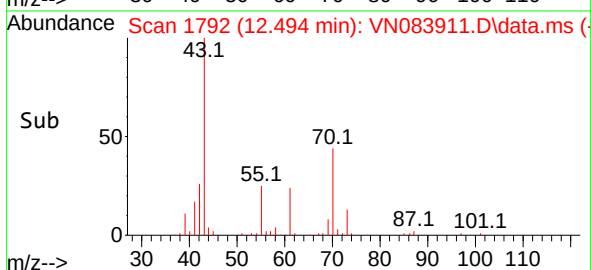
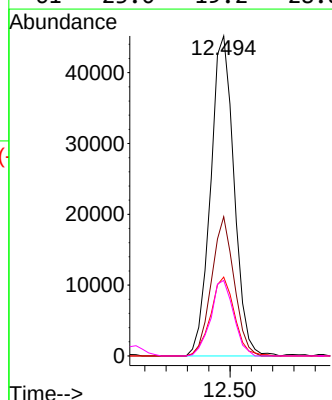
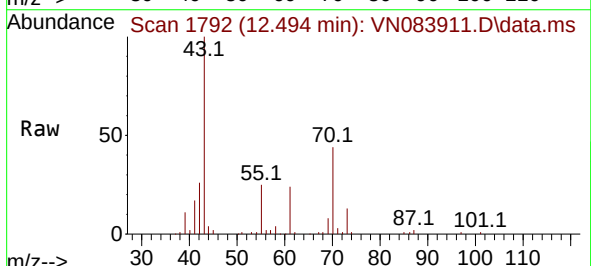
Ion Ratio Lower Upper

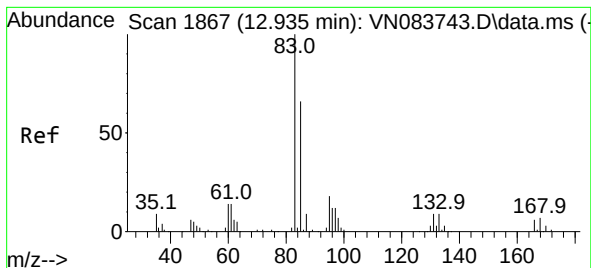
43 100

70 41.7 34.5 51.7

55 25.0 18.6 28.0

61 23.0 19.2 28.8

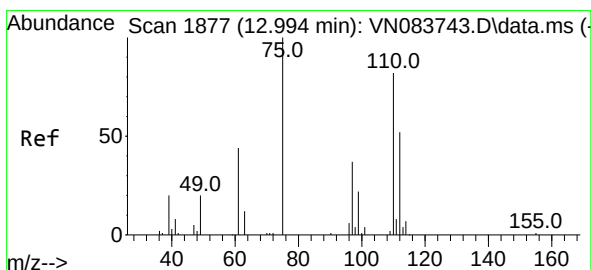
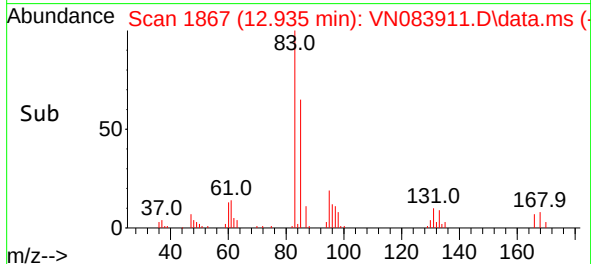
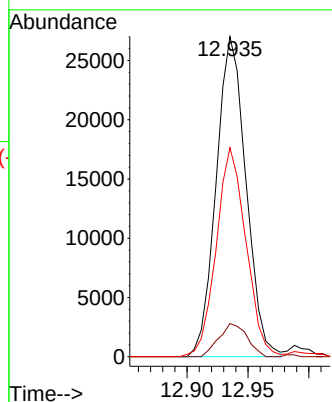
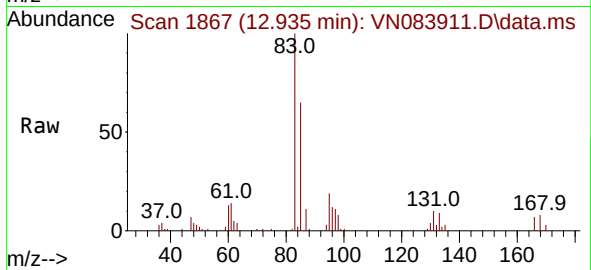




#75
1,1,2,2-Tetrachloroethane
Concen: 19.580 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

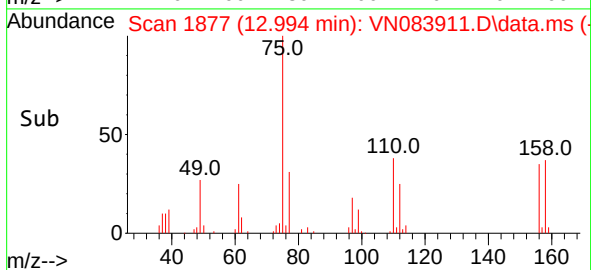
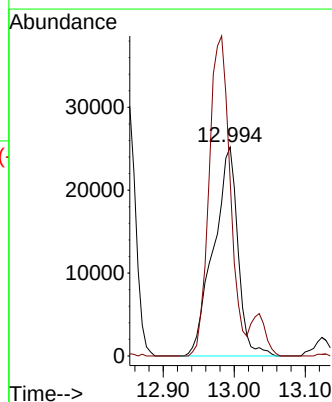
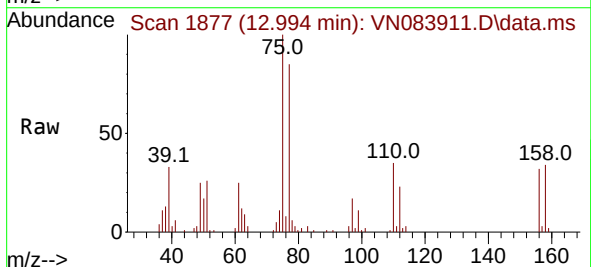
Instrument :
MSVOA_N
ClientSampleId :

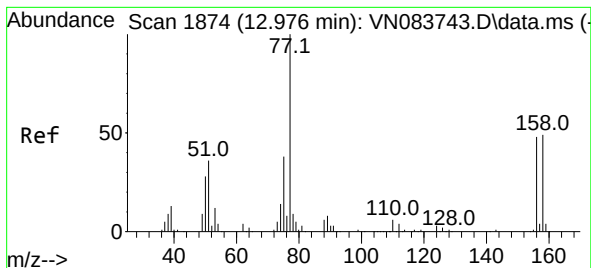
Tgt Ion: 83 Resp: 45967
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 64.9 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 28.738 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 75 Resp: 59887
Ion Ratio Lower Upper
75 100
77 132.7 95.2 285.6





#77

Bromobenzene

Concen: 17.708 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

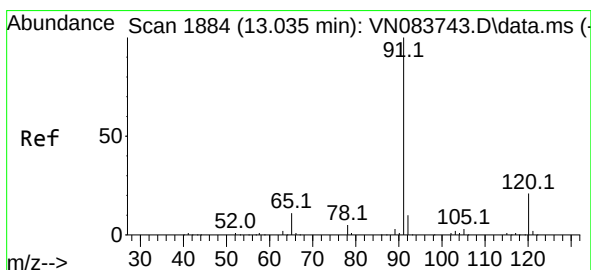
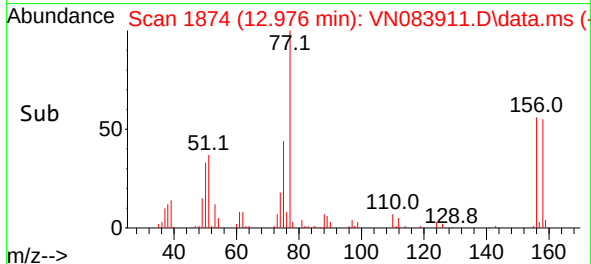
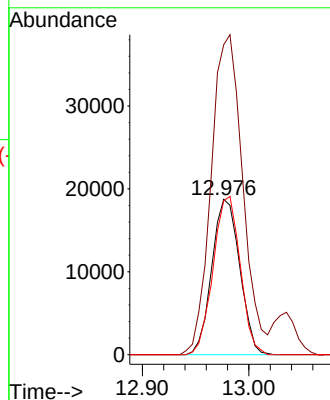
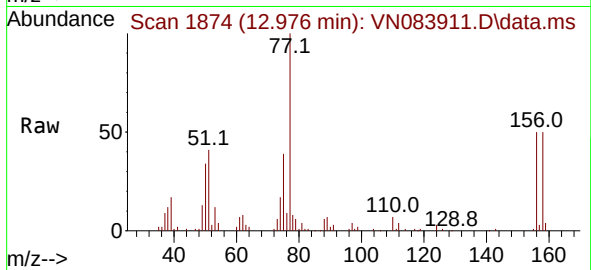
Tgt Ion:156 Resp: 34058

Ion Ratio Lower Upper

156 100

77 233.4 114.3 343.1

158 99.0 48.9 146.7



#78

n-propylbenzene

Concen: 18.625 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083911.D

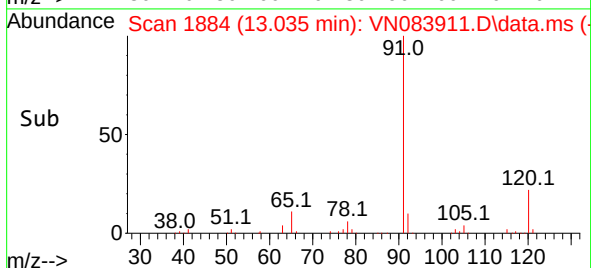
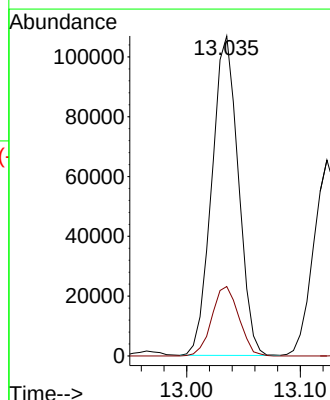
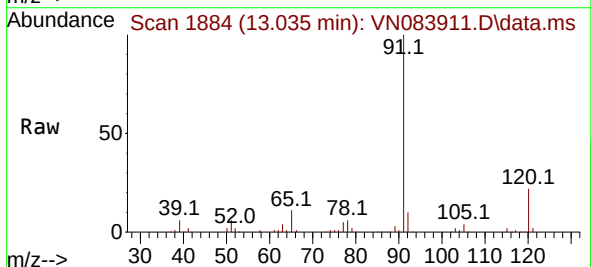
Acq: 16 Sep 2024 12:39

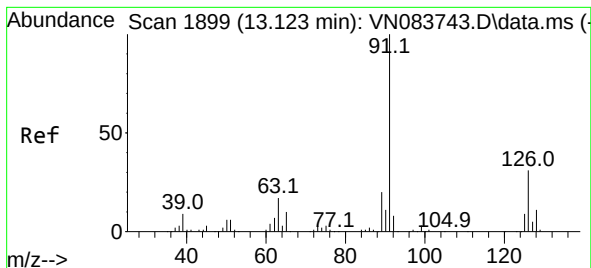
Tgt Ion: 91 Resp: 173146

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.410 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

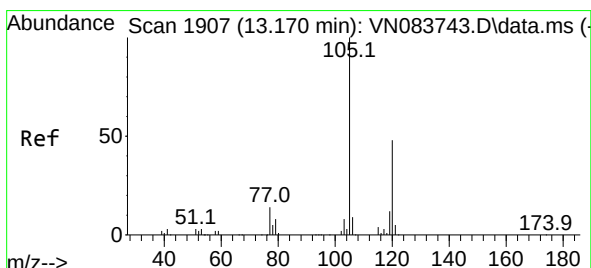
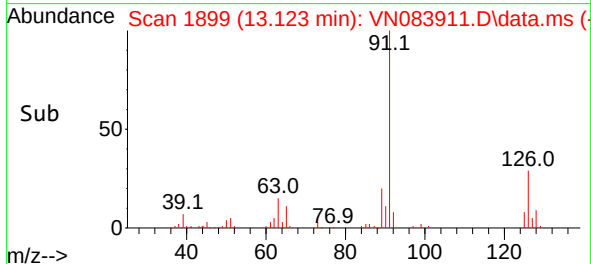
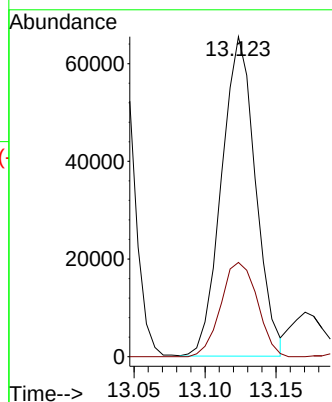
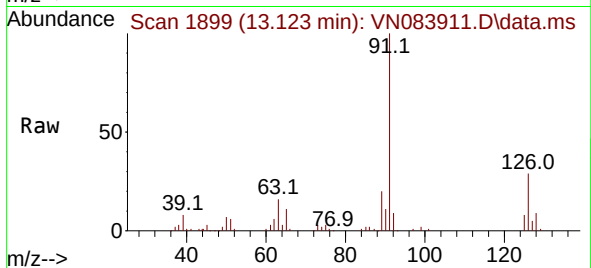
ClientSampleId :

Tgt Ion: 91 Resp: 109153

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 18.415 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083911.D

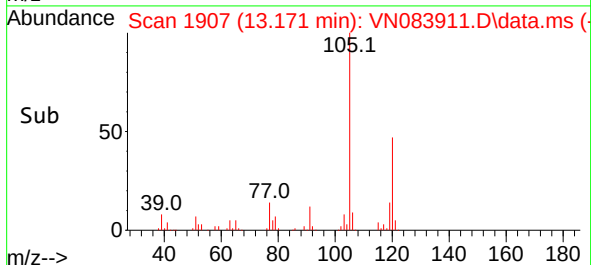
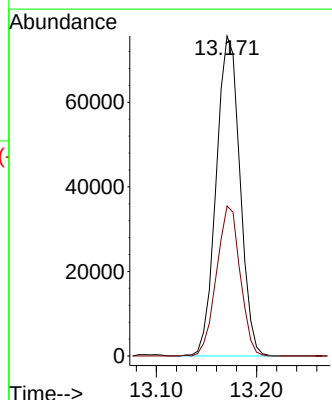
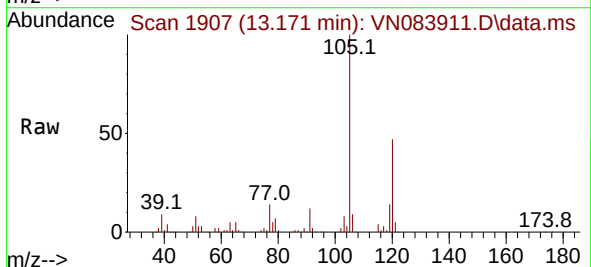
Acq: 16 Sep 2024 12:39

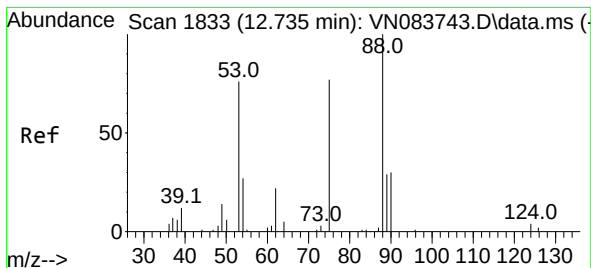
Tgt Ion:105 Resp: 124053

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.3

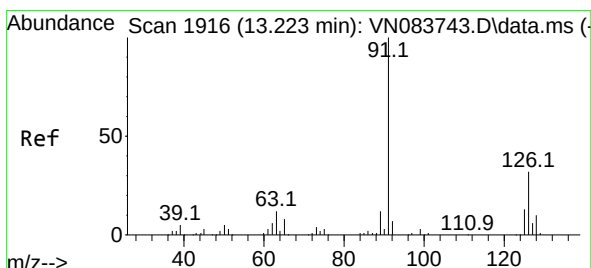
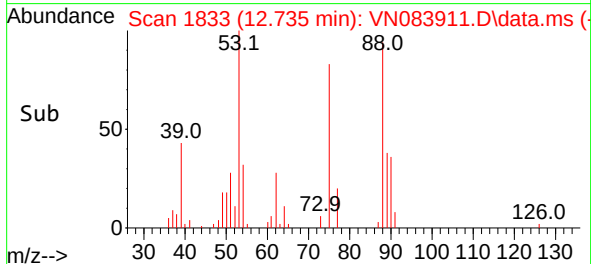
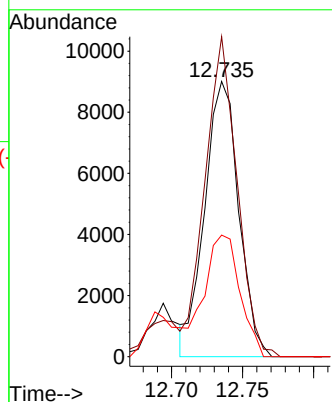
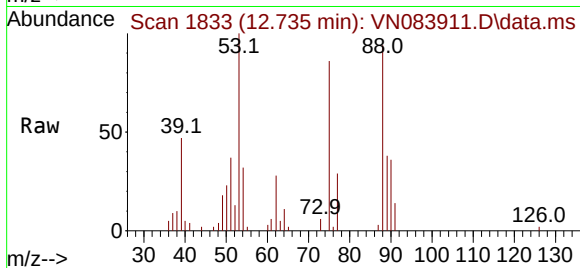




#81
trans-1,4-Dichloro-2-butene
Concen: 18.829 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

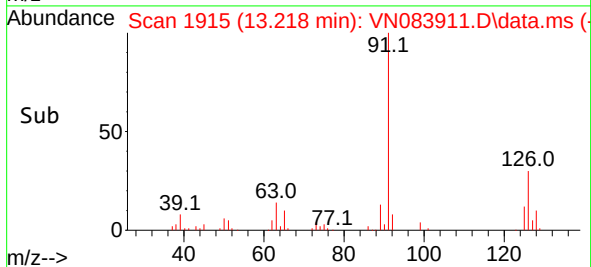
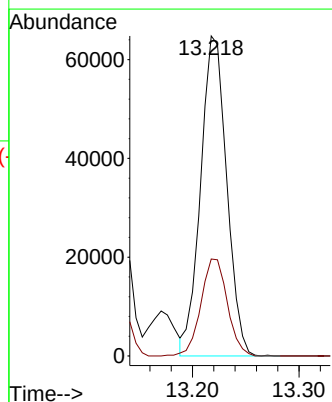
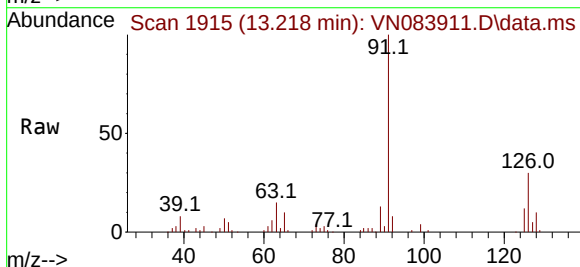
Instrument :
MSVOA_N
ClientSampleId :

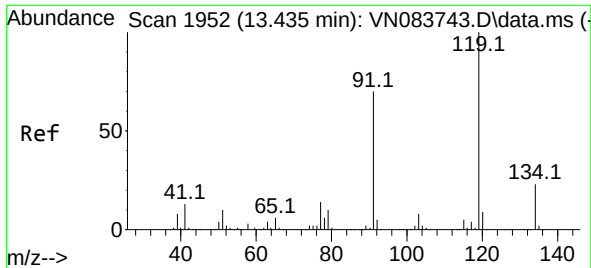
Tgt Ion: 75 Resp: 14982
Ion Ratio Lower Upper
75 100
53 109.9 81.2 121.8
89 45.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 18.544 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 91 Resp: 110334
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

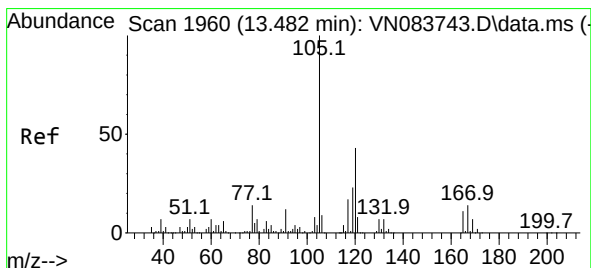
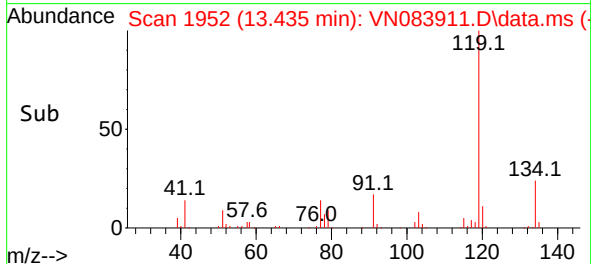
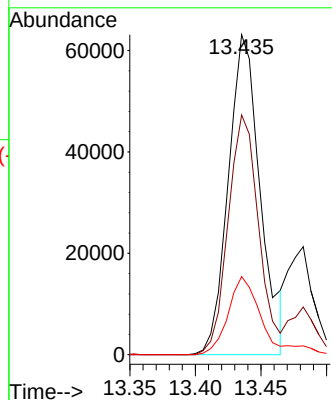
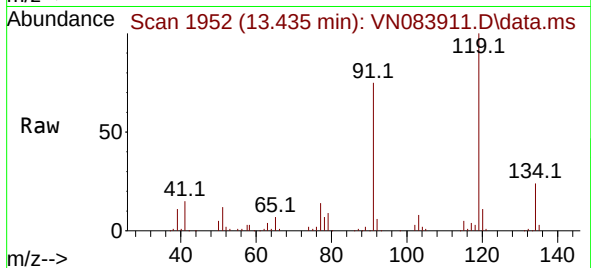




#83
tert-Butylbenzene
Concen: 18.093 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

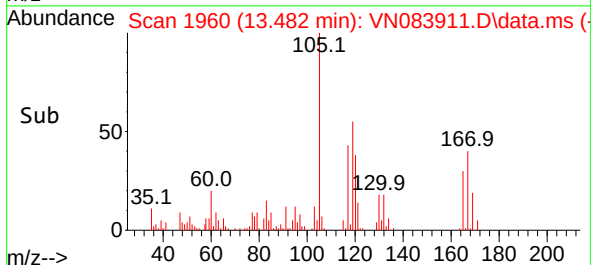
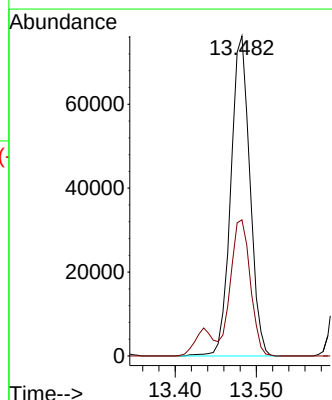
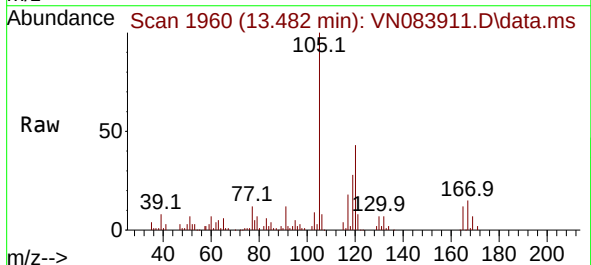
Instrument :
MSVOA_N
ClientSampleId :

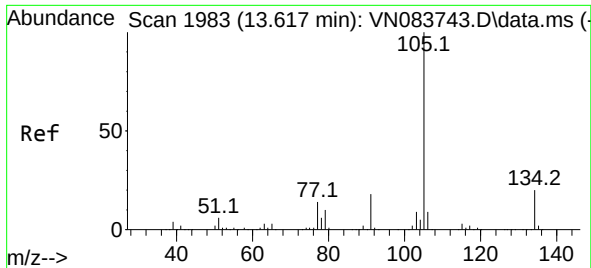
Tgt Ion:119 Resp: 106637
Ion Ratio Lower Upper
119 100
91 71.8 34.5 103.6
134 26.0 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 18.364 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:105 Resp: 124268
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.4

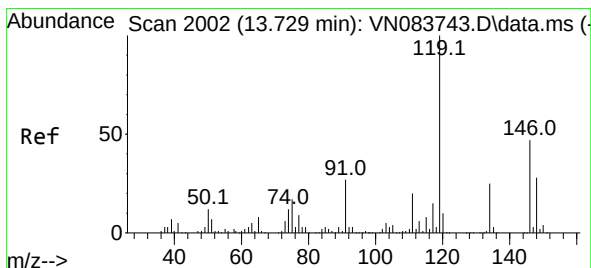
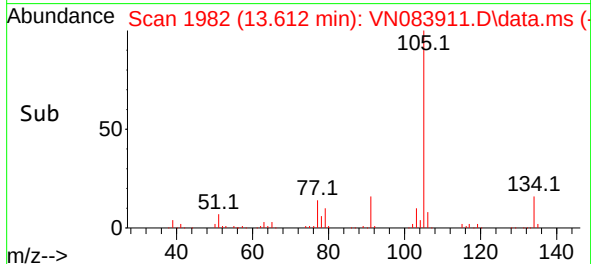
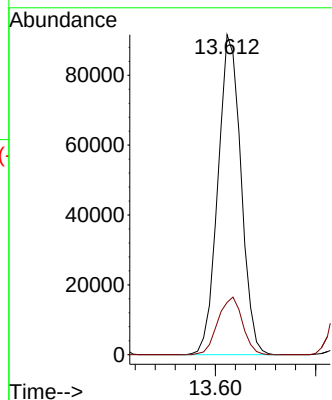
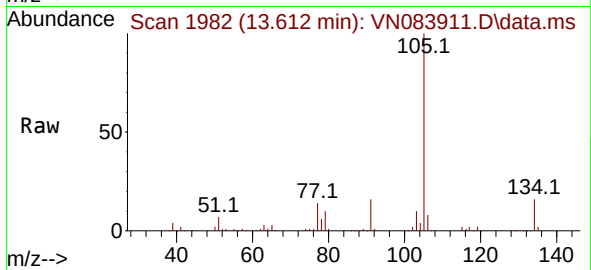




#85
 sec-Butylbenzene
 Concen: 18.733 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

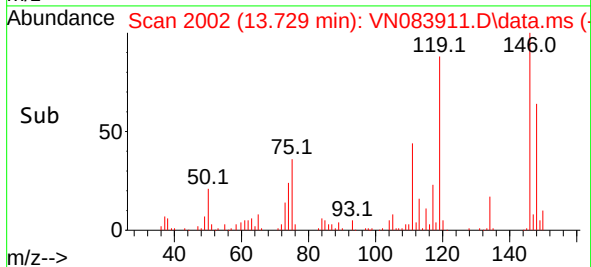
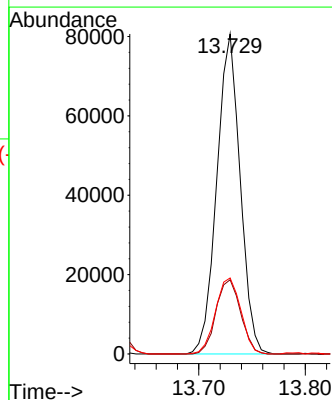
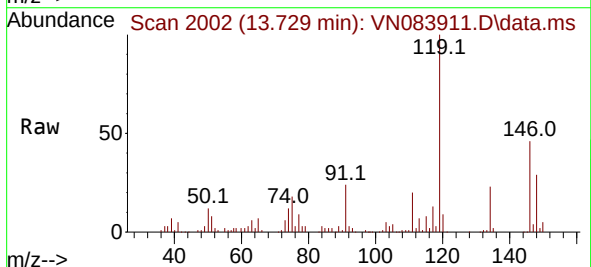
Instrument :
 MSVOA_N
 ClientSampleId :

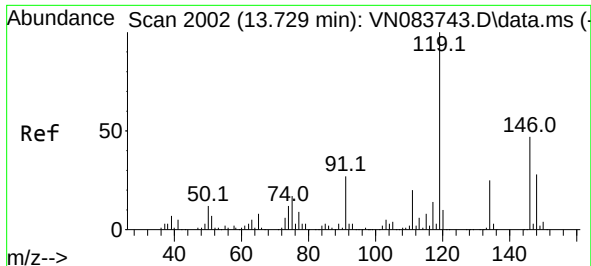
Tgt Ion:105 Resp: 146423
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.706 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

Tgt Ion:119 Resp: 122563
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 25.6 12.9 38.7

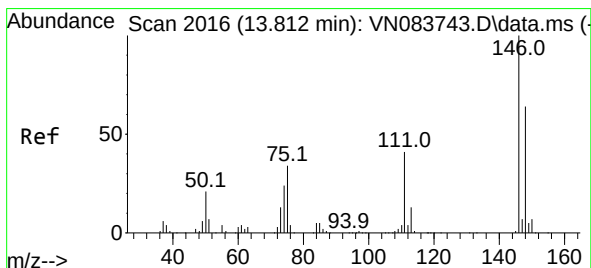
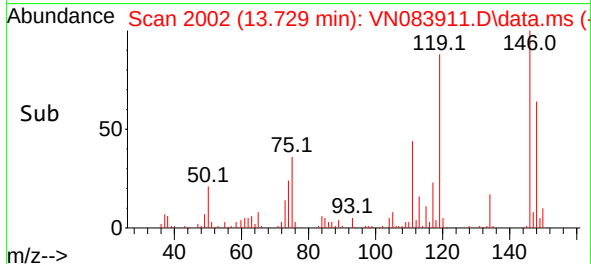
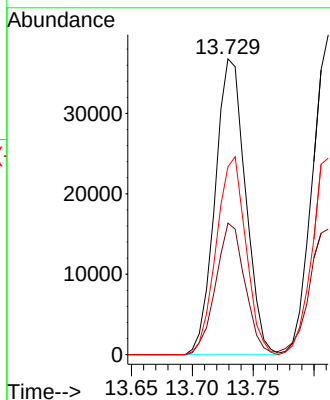
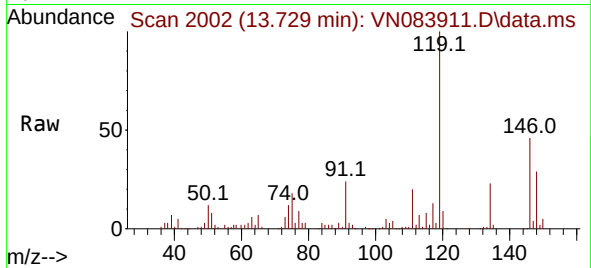




#87
1,3-Dichlorobenzene
Concen: 17.610 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

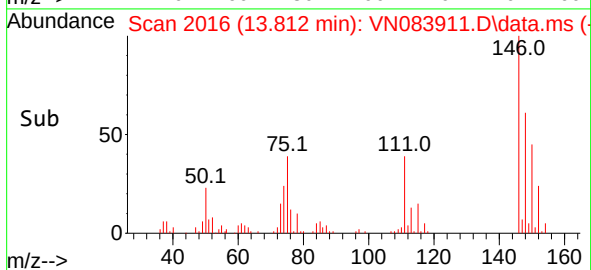
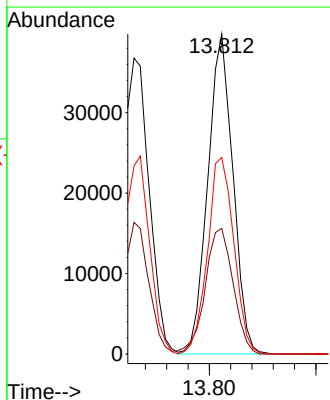
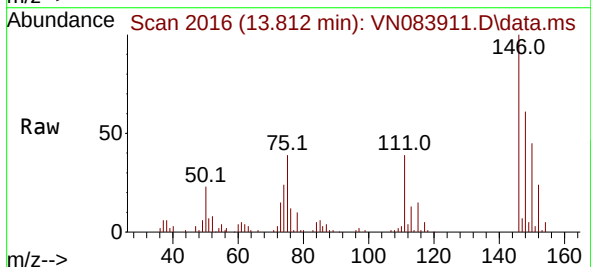
Instrument :
MSVOA_N
ClientSampleId :

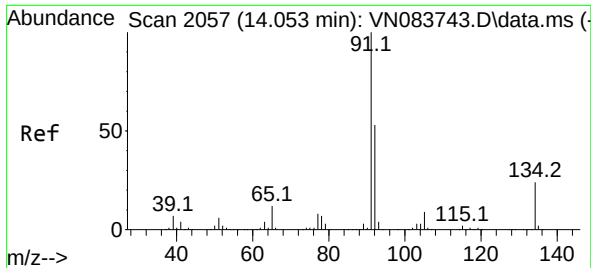
Tgt Ion:146 Resp: 63920
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 65.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 17.743 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion:146 Resp: 65213
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 64.3 32.0 96.2

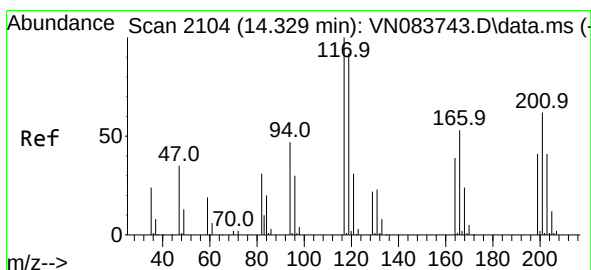
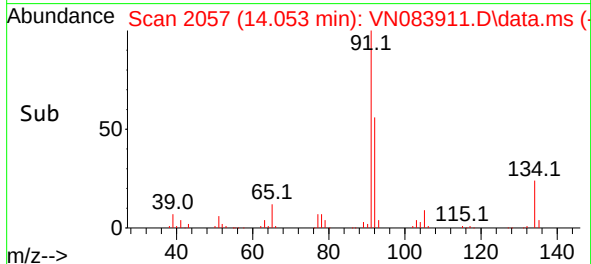
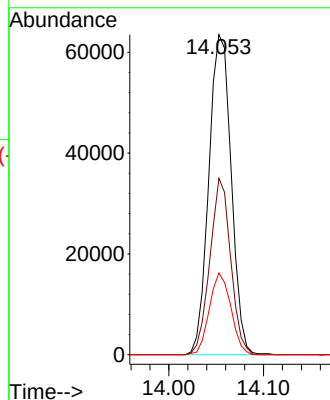
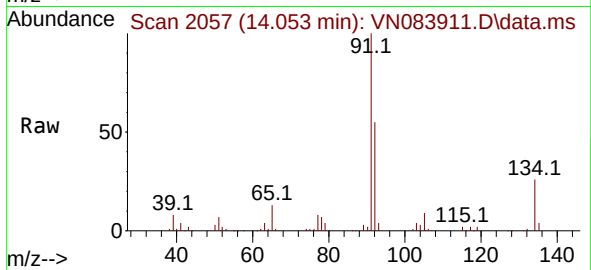




#89
n-Butylbenzene
Concen: 17.752 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

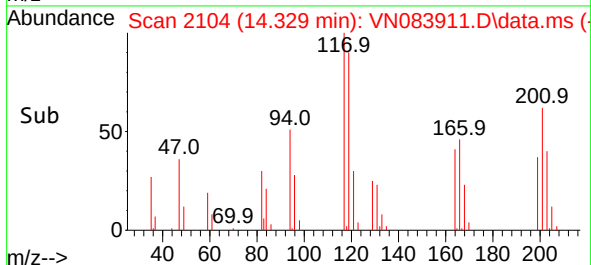
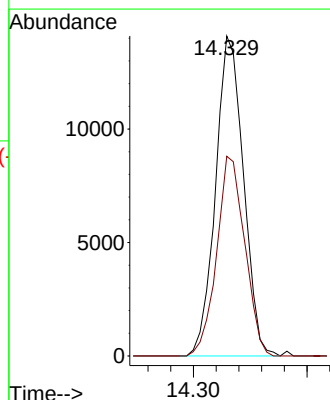
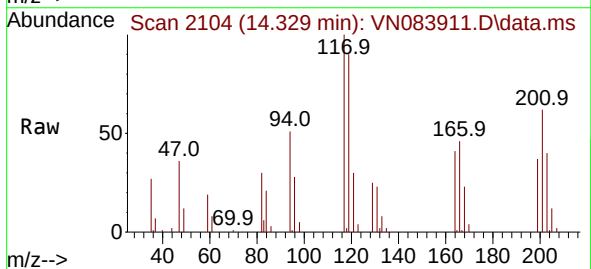
Instrument :
MSVOA_N
ClientSampleId :

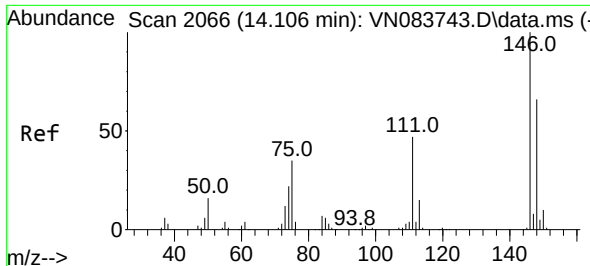
Tgt Ion: 91 Resp: 104430
Ion Ratio Lower Upper
91 100
92 51.2 26.7 80.1
134 24.5 12.2 36.4



#90
Hexachloroethane
Concen: 18.271 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 117 Resp: 24065
Ion Ratio Lower Upper
117 100
201 62.7 32.8 98.3

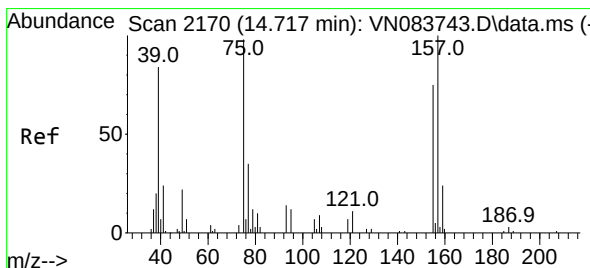
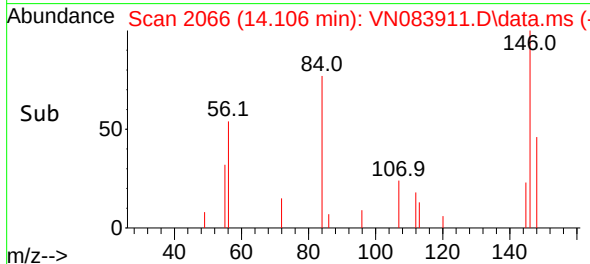
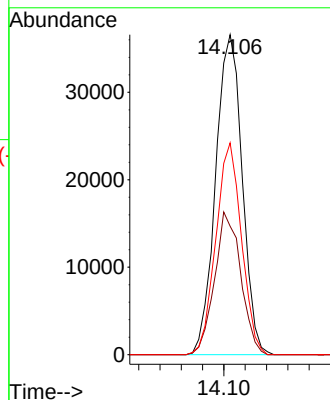
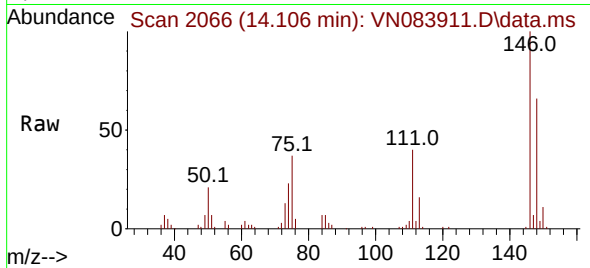




#91
1,2-Dichlorobenzene
Concen: 18.064 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

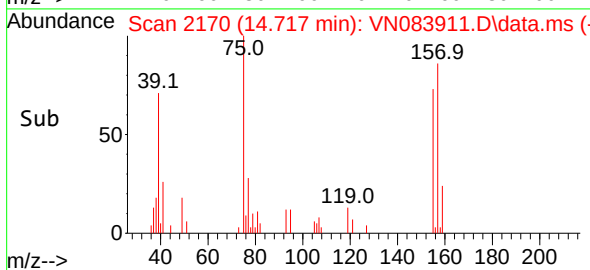
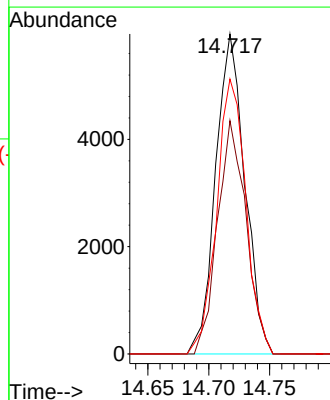
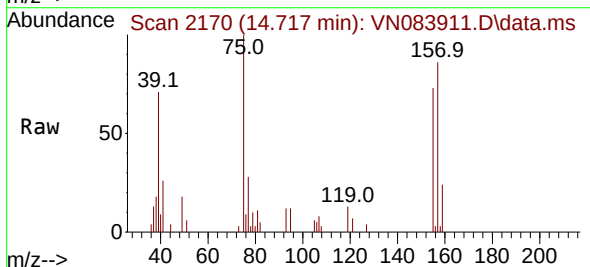
Instrument :
MSVOA_N
ClientSampleId :

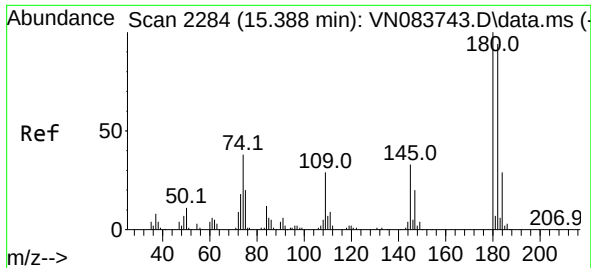
Tgt Ion:146 Resp: 63280
Ion Ratio Lower Upper
146 100
111 43.9 22.8 68.3
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.244 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083911.D
Acq: 16 Sep 2024 12:39

Tgt Ion: 75 Resp: 9942
Ion Ratio Lower Upper
75 100
155 71.4 35.9 107.7
157 85.9 47.5 142.5

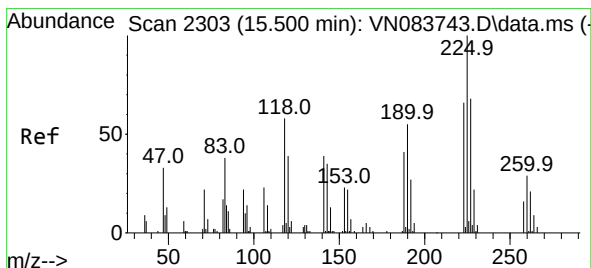
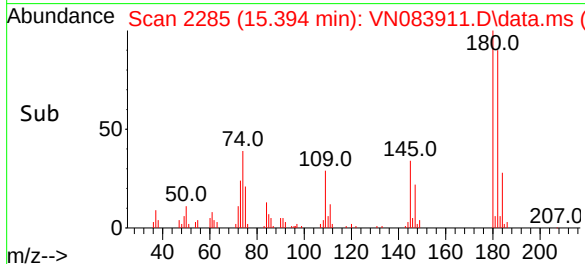
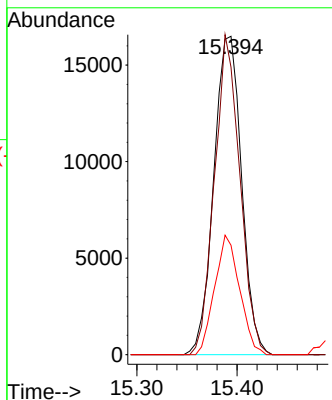
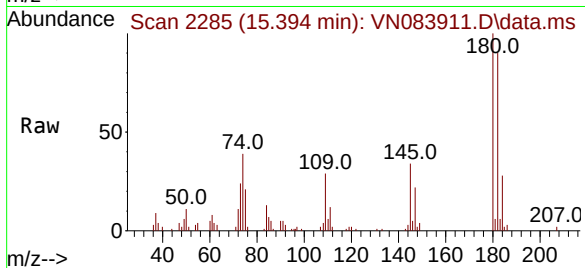




#93
 1,2,4-Trichlorobenzene
 Concen: 16.866 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

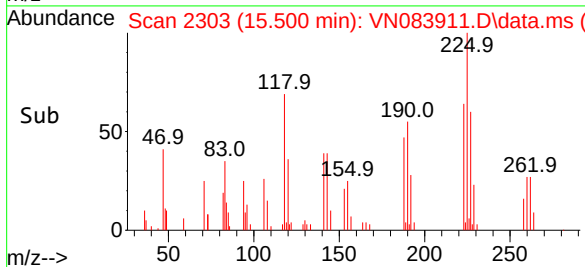
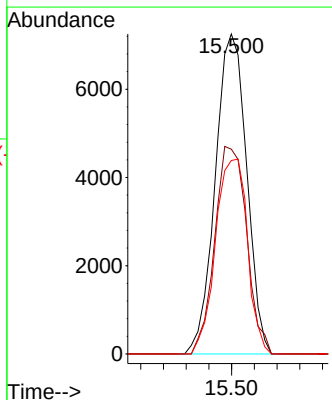
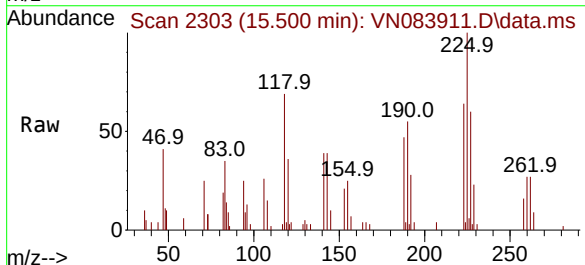
Instrument :
 MSVOA_N
 ClientSampleId :

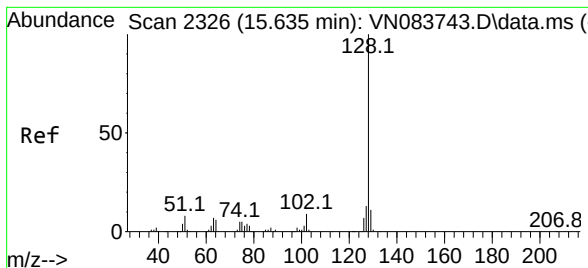
Tgt Ion:180 Resp: 31705
 Ion Ratio Lower Upper
 180 100
 182 92.0 48.1 144.3
 145 33.7 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 17.447 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083911.D
 Acq: 16 Sep 2024 12:39

Tgt Ion:225 Resp: 13928
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.9 95.5
 227 61.8 32.0 96.2





#95

Naphthalene

Concen: 17.686 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

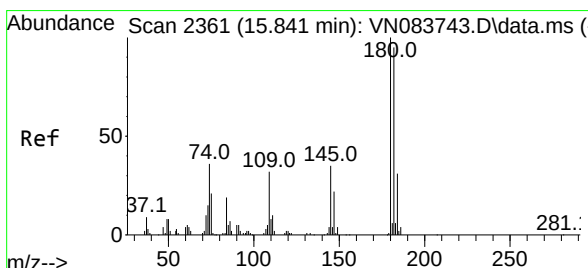
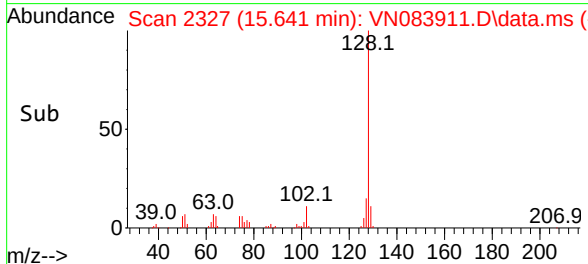
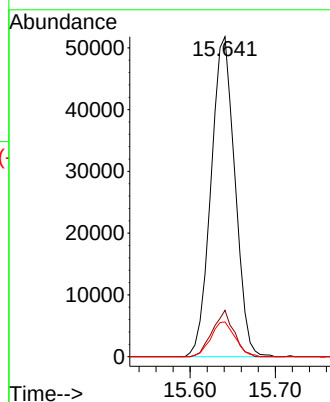
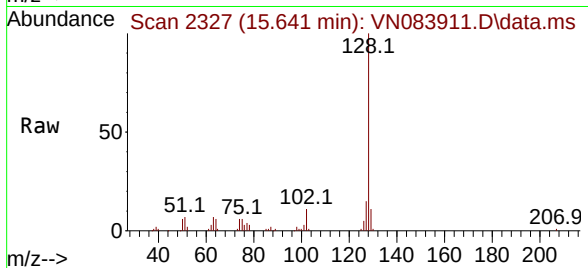
Tgt Ion:128 Resp: 101147

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.901 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083911.D

Acq: 16 Sep 2024 12:39

Tgt Ion:180 Resp: 30363

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.4

145 36.7 17.8 53.5

