

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084099.D
 Acq On : 23 Sep 2024 10:31
 Operator : JC\MD
 Sample : VN0923WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 01:27:56 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	152976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119520	51.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.640%	
35) Dibromofluoromethane	8.171	113	88008	50.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	10.565	98	312901	52.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.847	95	116685	47.249	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29389	16.542	ug/l	95
3) Chloromethane	2.365	50	32426	16.642	ug/l	99
4) Vinyl Chloride	2.518	62	34224	17.575	ug/l	99
5) Bromomethane	2.965	94	21863	19.555	ug/l	85
6) Chloroethane	3.124	64	21995	16.102	ug/l	91
7) Trichlorofluoromethane	3.506	101	59356	17.957	ug/l	96
8) Diethyl Ether	3.959	74	20628	18.617	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	33801	19.293	ug/l	98
10) Methyl Iodide	4.595	142	38731	17.382	ug/l	90
11) Tert butyl alcohol	5.524	59	34942	113.124	ug/l	98
12) 1,1-Dichloroethene	4.348	96	29586	17.881	ug/l	99
13) Acrolein	4.183	56	43595	143.044	ug/l	97
14) Allyl chloride	5.018	41	52814	17.914	ug/l	98
15) Acrylonitrile	5.724	53	89607	106.673	ug/l	100
16) Acetone	4.430	43	97574	105.521	ug/l	97
17) Carbon Disulfide	4.712	76	73748	15.934	ug/l	99
18) Methyl Acetate	5.030	43	44999	22.329	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	115814	19.343	ug/l	95
20) Methylene Chloride	5.283	84	35614	18.821	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	31753	17.907	ug/l	88
22) Diisopropyl ether	6.671	45	120959	19.930	ug/l	98
23) Vinyl Acetate	6.606	43	437684	98.478	ug/l	98
24) 1,1-Dichloroethane	6.565	63	66785	19.100	ug/l	97
25) 2-Butanone	7.483	43	128787	105.967	ug/l	99
26) 2,2-Dichloropropane	7.489	77	60922	18.920	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	40665	19.319	ug/l	98
28) Bromochloromethane	7.812	49	32738	22.233	ug/l	95
29) Tetrahydrofuran	7.836	42	77048	107.215	ug/l	97
30) Chloroform	7.965	83	70693	19.044	ug/l	95
31) Cyclohexane	8.259	56	55052	16.513	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	64301	18.839	ug/l	99
36) 1,1-Dichloropropene	8.371	75	46005	17.653	ug/l	98
37) Ethyl Acetate	7.559	43	48286	20.412	ug/l	99
38) Carbon Tetrachloride	8.365	117	53961	18.251	ug/l	96
39) Methylcyclohexane	9.600	83	50220	16.930	ug/l	95
40) Benzene	8.606	78	144020	18.360	ug/l	98

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Quant Time: Sep 24 01:27:56 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)
41) Methacrylonitrile	7.777	41	28838	20.611	ug/l	98
42) 1,2-Dichloroethane	8.671	62	54354	18.544	ug/l	98
43) Isopropyl Acetate	8.688	43	96461	22.502	ug/l	98
44) Trichloroethene	9.347	130	33186	18.270	ug/l	96
45) 1,2-Dichloropropane	9.618	63	37476	19.767	ug/l	90
46) Dibromomethane	9.712	93	25914	19.515	ug/l	98
47) Bromodichloromethane	9.888	83	57137	19.881	ug/l	95
48) Methyl methacrylate	9.683	41	40941	20.130	ug/l	99
49) 1,4-Dioxane	9.694	88	13510	403.800	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	255320	109.416	ug/l	97
52) Toluene	10.630	92	87923	18.325	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	55742	19.135	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	60459	19.758	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34326	19.163	ug/l	96
56) Ethyl methacrylate	10.871	69	55953	20.303	ug/l	99
57) 1,3-Dichloropropane	11.165	76	61555	19.995	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	122877	123.743	ug/l	96
59) 2-Hexanone	11.194	43	187678	108.727	ug/l	98
60) Dibromochloromethane	11.359	129	41034	20.470	ug/l	98
61) 1,2-Dibromoethane	11.471	107	35002	19.594	ug/l	95
64) Tetrachloroethene	11.100	164	28231	18.017	ug/l	99
65) Chlorobenzene	11.888	112	96314	18.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34608	19.064	ug/l	98
67) Ethyl Benzene	11.959	91	171089	18.392	ug/l	98
68) m/p-Xylenes	12.071	106	128638	37.246	ug/l	100
69) o-Xylene	12.400	106	61080	18.269	ug/l	99
70) Styrene	12.412	104	105945	19.308	ug/l	99
71) Bromoform	12.576	173	26298	21.497	ug/l #	99
73) Isopropylbenzene	12.694	105	161184	19.008	ug/l	100
74) N-amyl acetate	12.494	43	72983	20.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	51325	20.600	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	65607	29.665	ug/l	63
77) Bromobenzene	12.982	156	36794	18.026	ug/l	93
78) n-propylbenzene	13.035	91	190030	19.260	ug/l	99
79) 2-Chlorotoluene	13.123	91	119717	19.026	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	135868	19.004	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16929	20.048	ug/l	95
82) 4-Chlorotoluene	13.218	91	119317	18.896	ug/l	99
83) tert-Butylbenzene	13.435	119	116927	18.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	136357	18.987	ug/l	100
85) sec-Butylbenzene	13.618	105	160869	19.393	ug/l	99
86) p-Isopropyltoluene	13.729	119	131767	18.949	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	69760	18.109	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	68874	17.657	ug/l	97
89) n-Butylbenzene	14.053	91	113675	18.207	ug/l	98
90) Hexachloroethane	14.335	117	25889	18.521	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	66391	17.858	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9992	20.118	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	33397	16.740	ug/l	97
94) Hexachlorobutadiene	15.500	225	15473	18.263	ug/l	99
95) Naphthalene	15.641	128	104289	17.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33634	17.640	ug/l	97

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ClientSampleId :

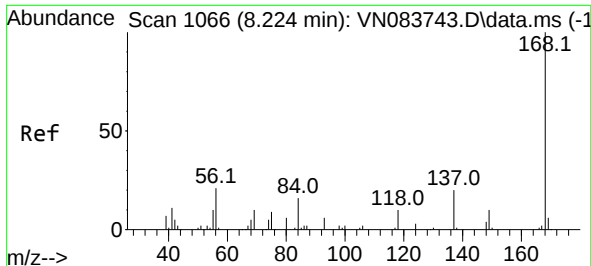
Quant Time: Sep 24 01:27:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

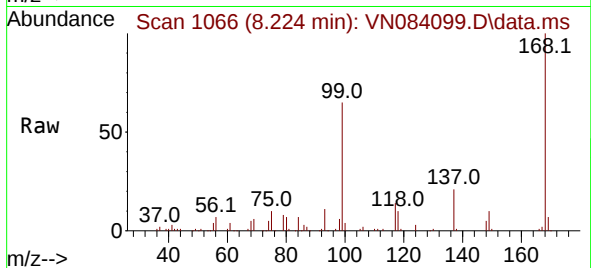
Quant Time: Sep 24 01:27:56 2024
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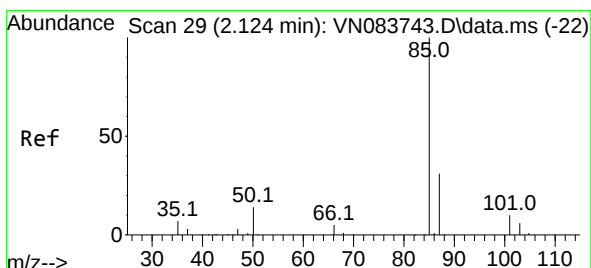
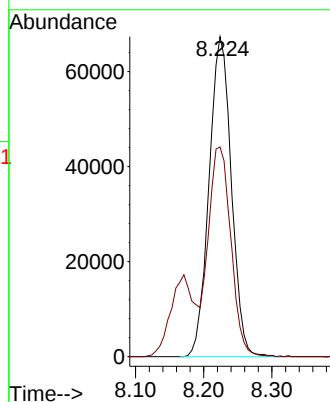
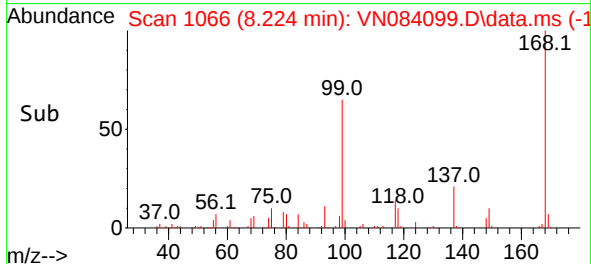


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084099.D
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MSVOA_N
ClientSampleId :

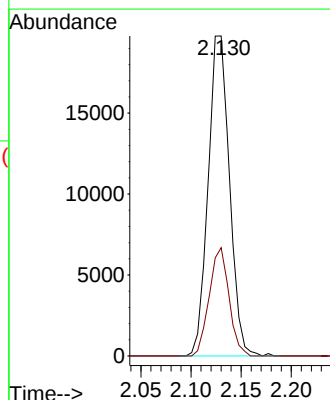
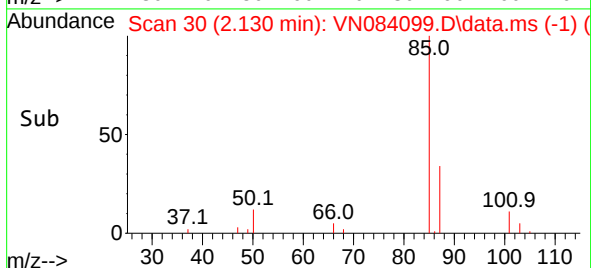
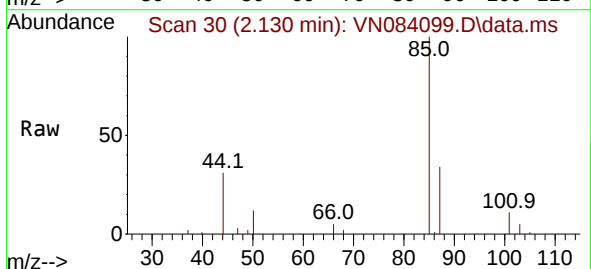


Tgt Ion:168 Resp: 152976
Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 16.542 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

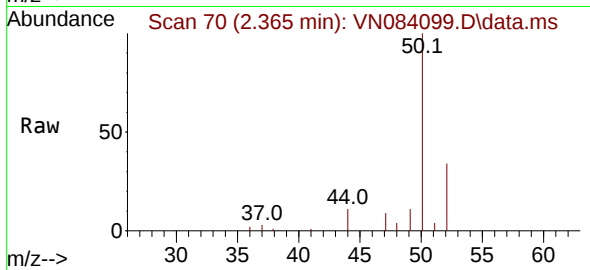
Tgt Ion: 85 Resp: 29389
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0



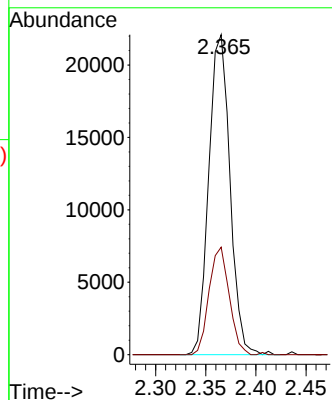
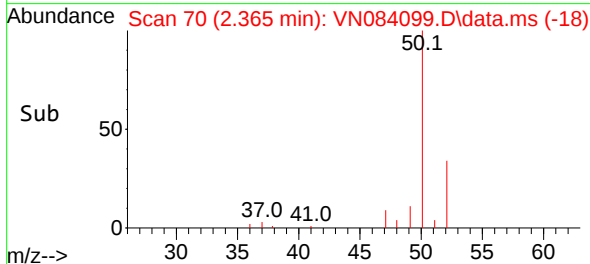


#3
Chloromethane
Concen: 16.642 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

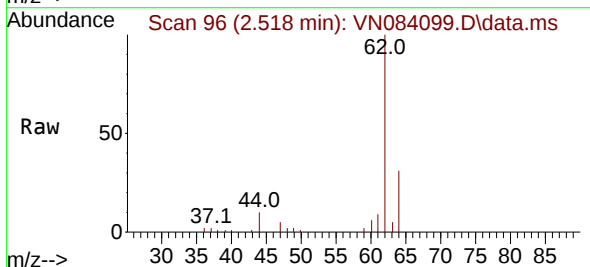
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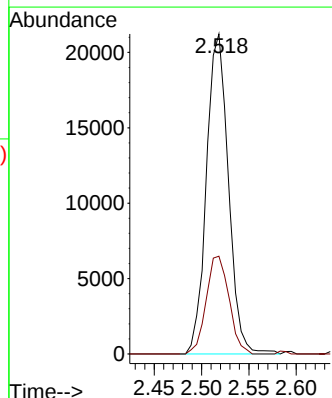
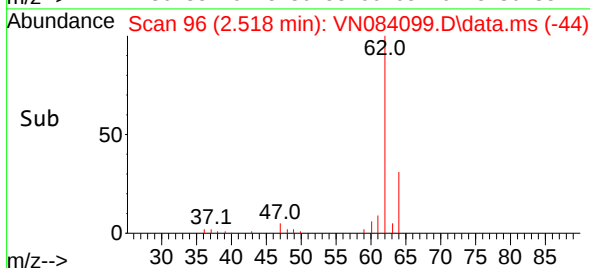
Tgt Ion: 50 Resp: 32426
Ion Ratio Lower Upper
50 100
52 33.6 27.2 40.8



#4
Vinyl Chloride
Concen: 17.575 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31



Tgt Ion: 62 Resp: 34224
Ion Ratio Lower Upper
62 100
64 30.5 24.7 37.1

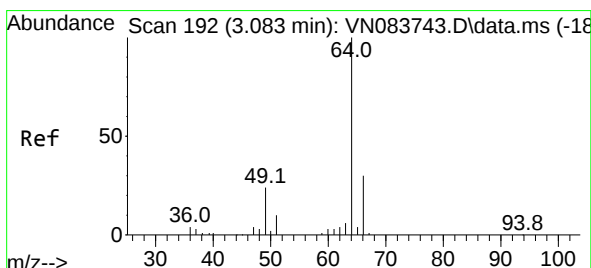
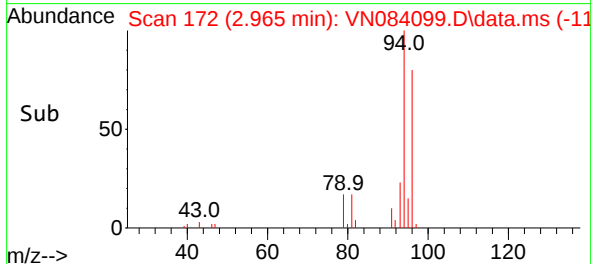
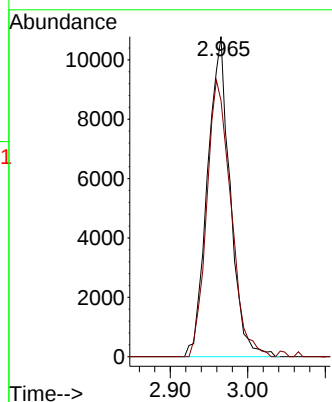
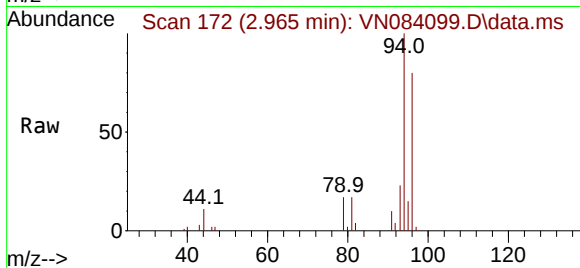




#5
Bromomethane
Concen: 19.555 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

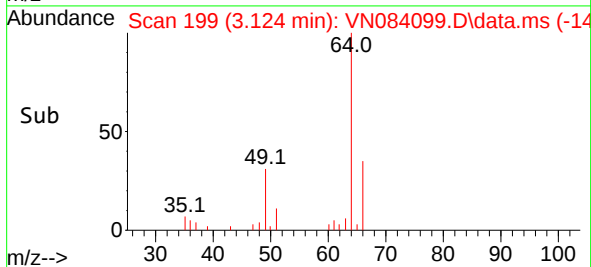
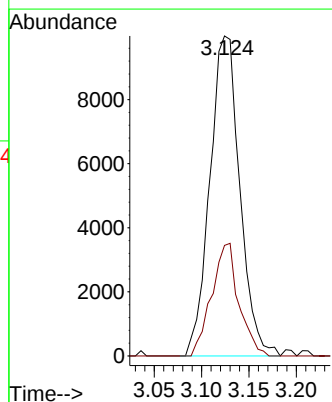
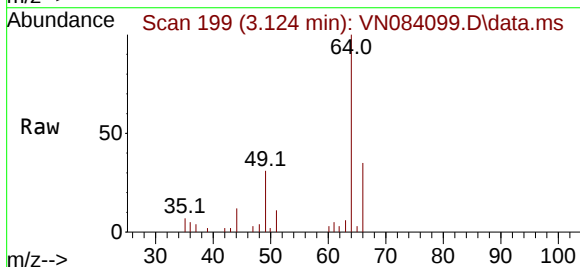
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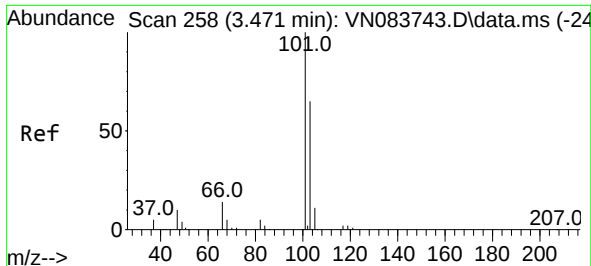
Tgt Ion: 94 Resp: 21863
Ion Ratio Lower Upper
94 100
96 80.0 76.0 114.0



#6
Chloroethane
Concen: 16.102 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 64 Resp: 21995
Ion Ratio Lower Upper
64 100
66 34.5 23.9 35.9

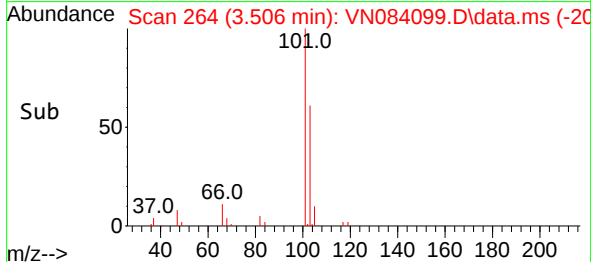
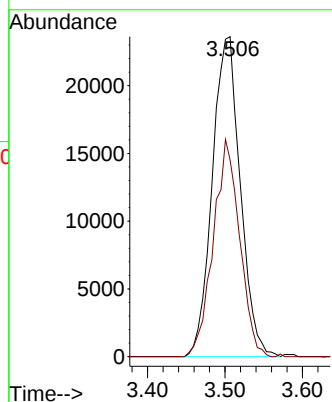
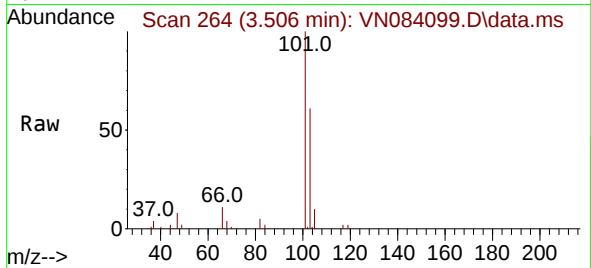




#7
 Trichlorofluoromethane
 Concen: 17.957 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.035 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

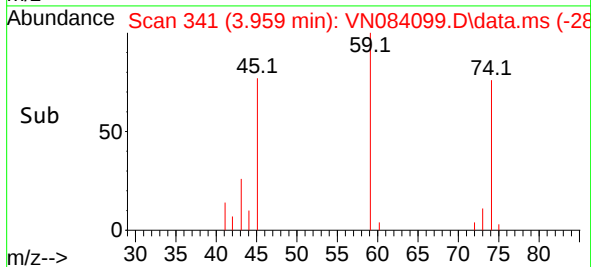
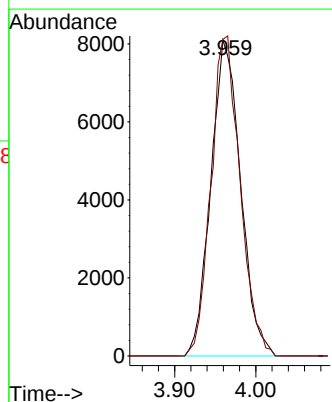
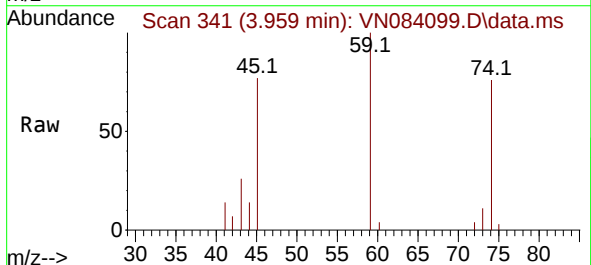
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 59356
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.617 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

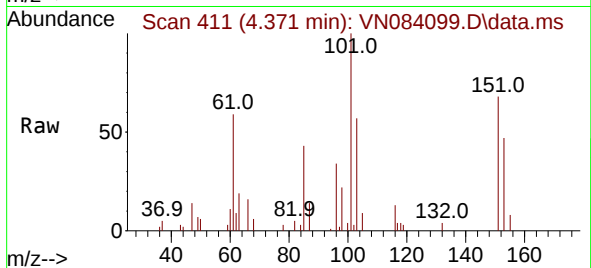
Tgt Ion: 74 Resp: 20628
 Ion Ratio Lower Upper
 74 100
 45 98.9 46.7 140.1



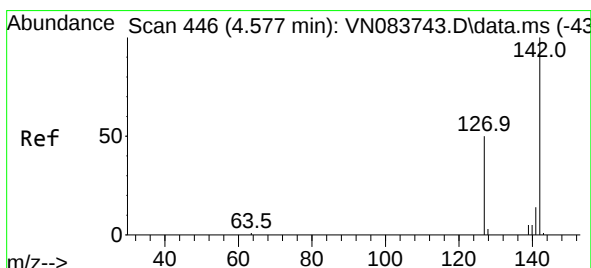
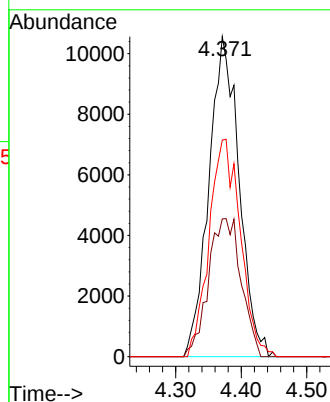
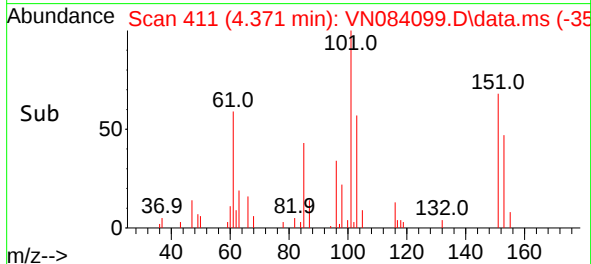


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.293 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

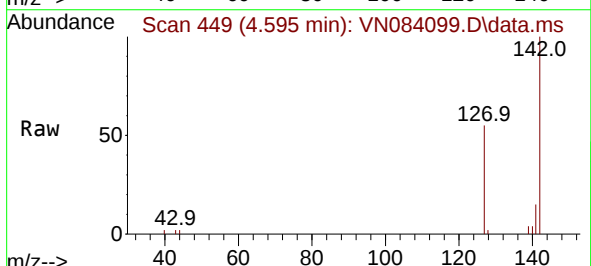
Instrument :
MSVOA_N
ClientSampleId :



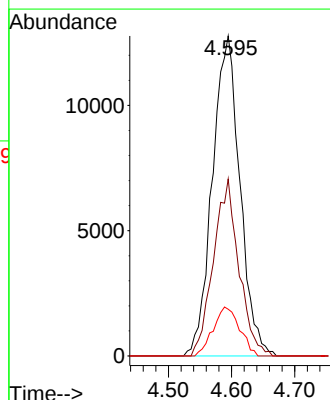
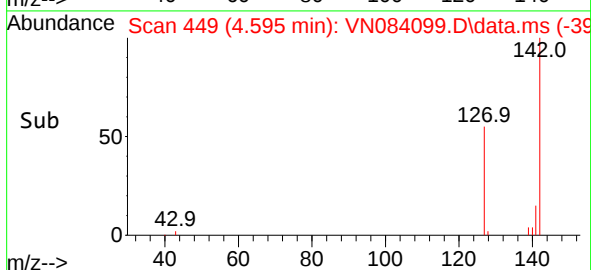
Tgt Ion:101 Resp: 33801
Ion Ratio Lower Upper
101 100
85 46.7 36.2 54.4
151 70.2 57.7 86.5



#10
Methyl Iodide
Concen: 17.382 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.018 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31



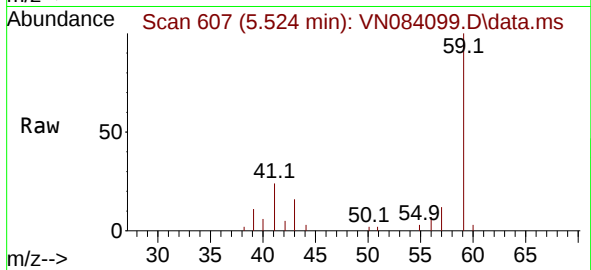
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Ion Ratio Lower Upper
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127 55.3 37.5 56.3
141 14.6 11.0 16.4



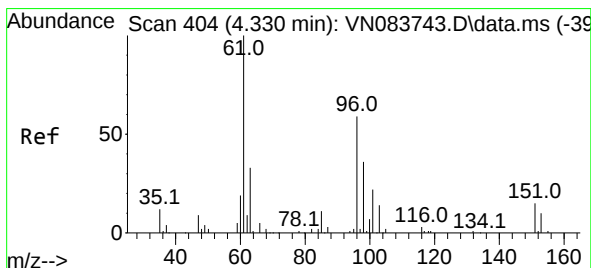
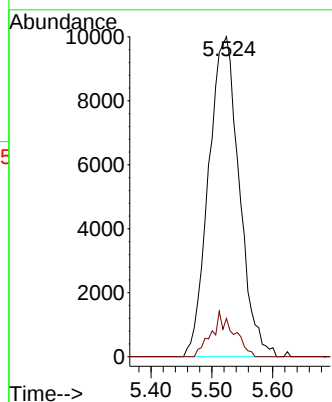
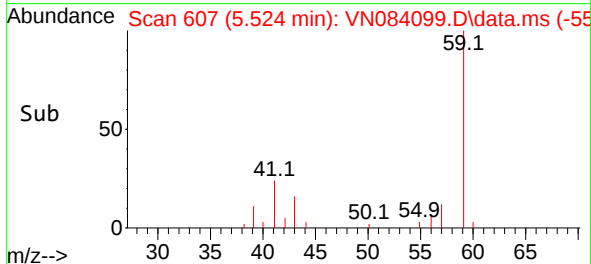


#11
Tert butyl alcohol
Concen: 113.124 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

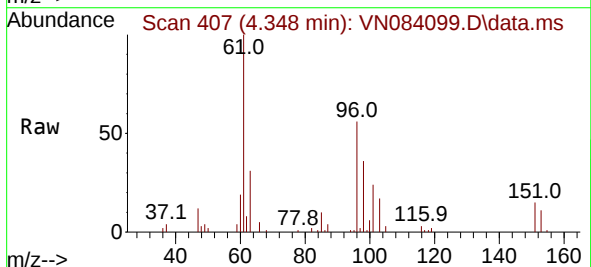
Instrument :
MSVOA_N
ClientSampleId :



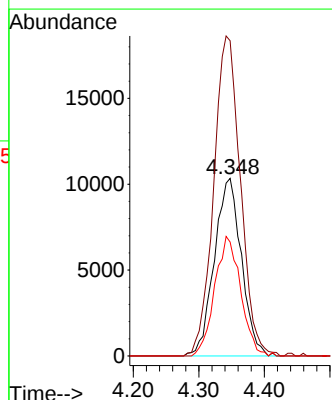
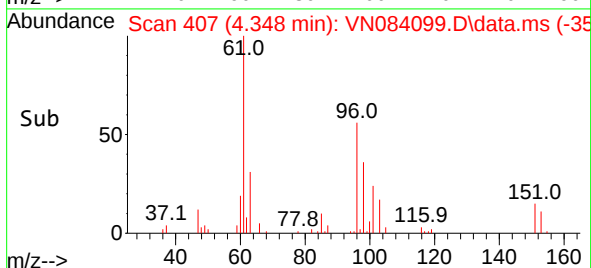
Tgt Ion: 59 Resp: 34942
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

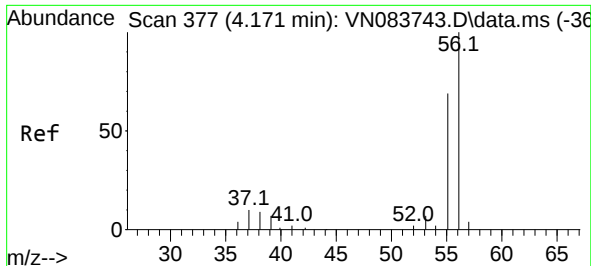


#12
1,1-Dichloroethene
Concen: 17.881 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31



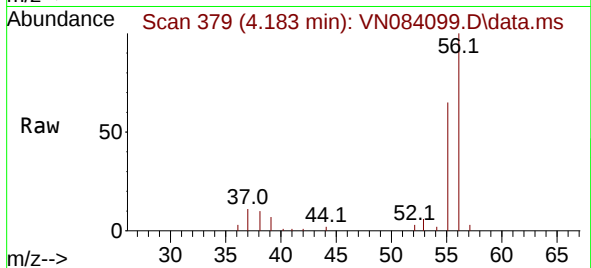
Tgt Ion: 96 Resp: 29586
Ion Ratio Lower Upper
96 100
61 177.5 143.4 215.0
98 64.2 52.7 79.1



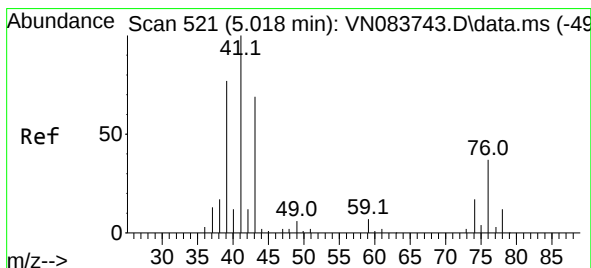
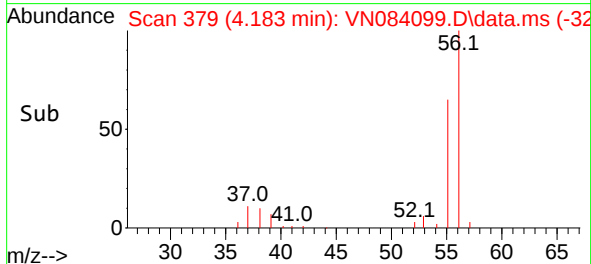
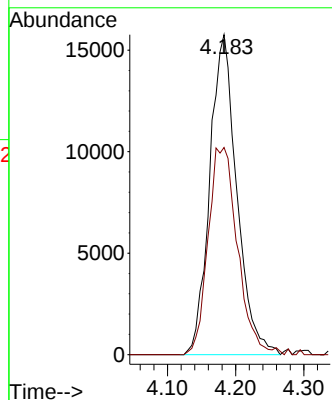


#13
Acrolein
Concen: 143.044 ug/l
RT: 4.183 min Scan# 377
Delta R.T. 0.012 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

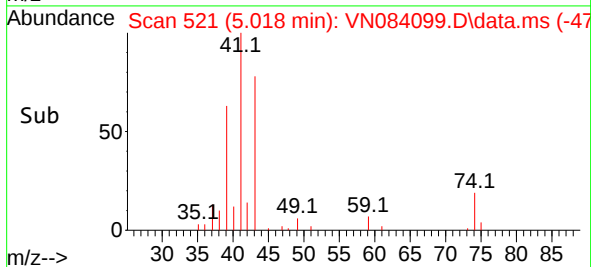
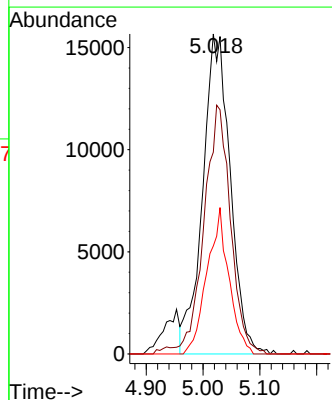
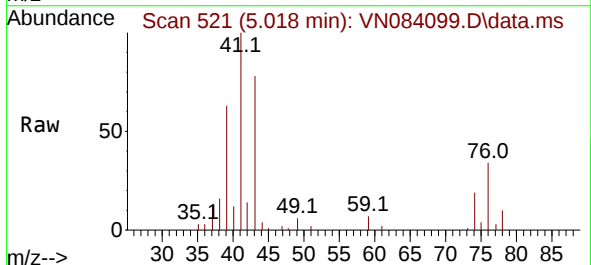


Tgt Ion: 56 Resp: 43595
Ion Ratio Lower Upper
56 100
55 70.4 58.2 87.2



#14
Allyl chloride
Concen: 17.914 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

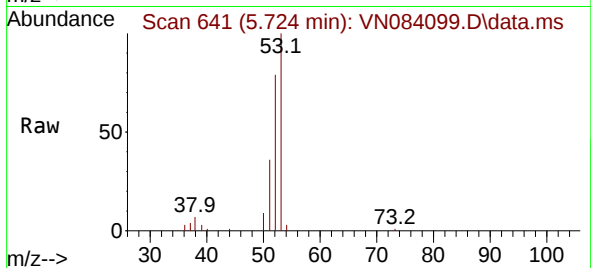
Tgt Ion: 41 Resp: 52814
Ion Ratio Lower Upper
41 100
39 75.4 59.3 88.9
76 36.3 27.7 41.5



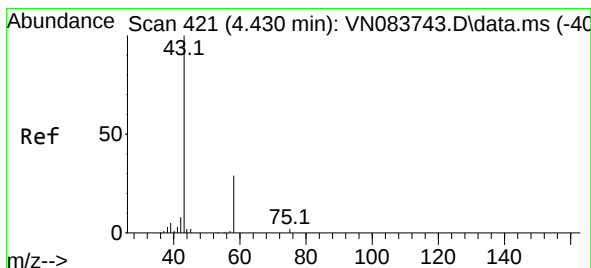
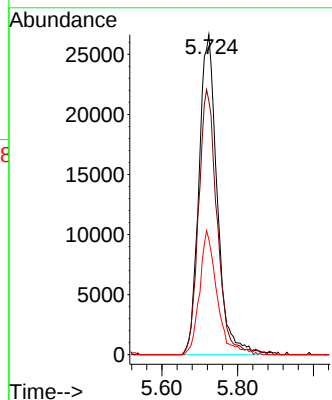
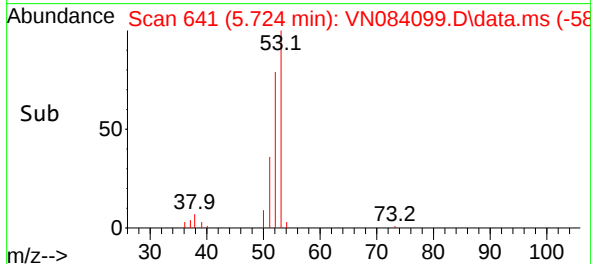


#15
Acrylonitrile
Concen: 106.673 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

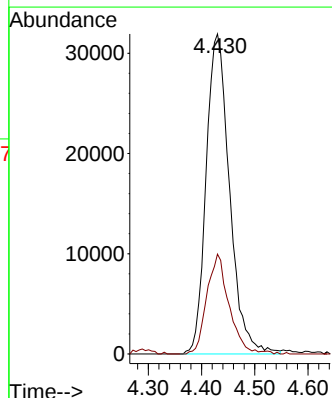
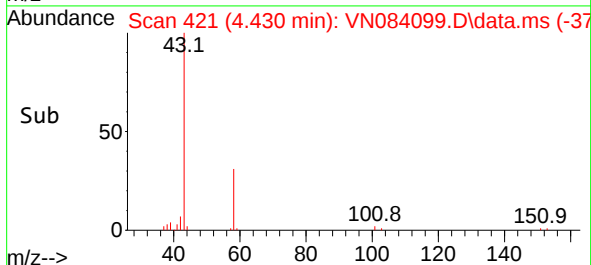
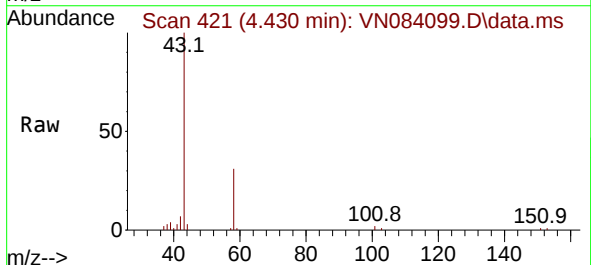


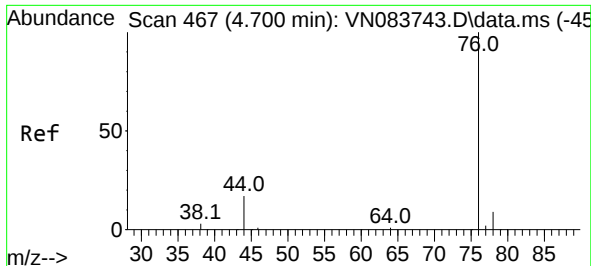
Tgt Ion: 53 Resp: 89607
Ion Ratio Lower Upper
53 100
52 83.2 66.1 99.1
51 37.1 29.6 44.4



#16
Acetone
Concen: 105.521 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 43 Resp: 97574
Ion Ratio Lower Upper
43 100
58 31.2 23.7 35.5

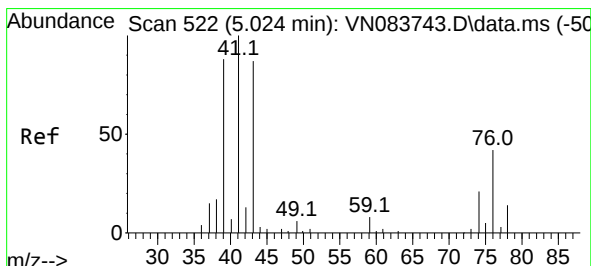
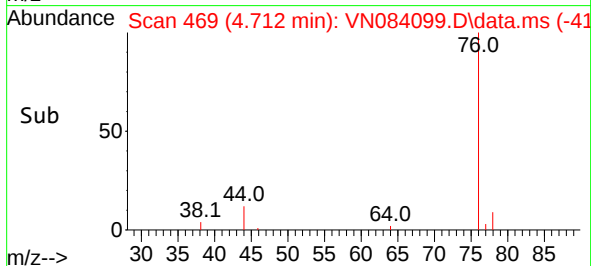
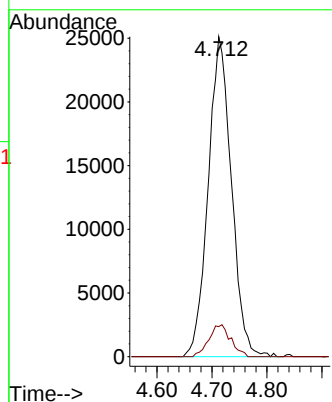
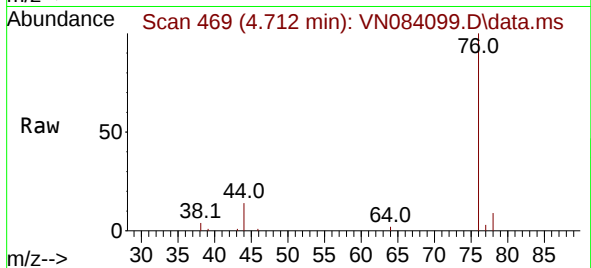




#17
Carbon Disulfide
Concen: 15.934 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

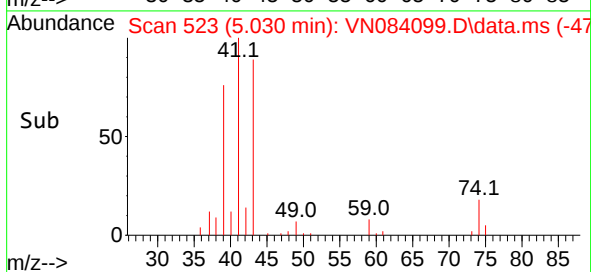
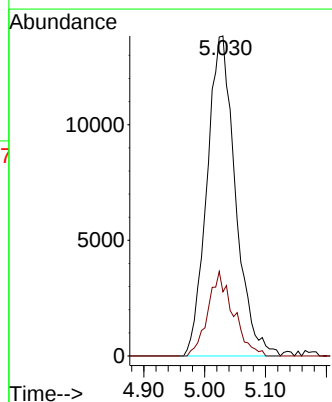
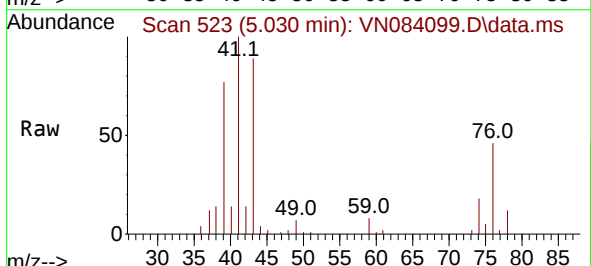
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 73748
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 22.329 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 43 Resp: 44999
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4

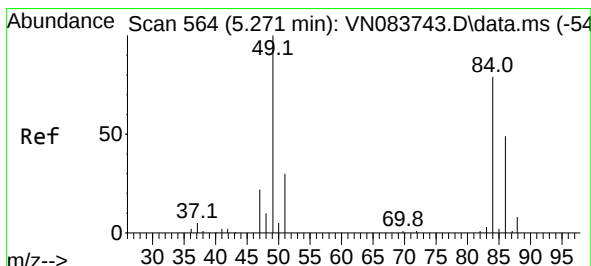
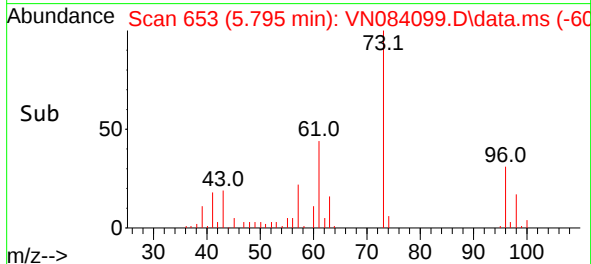
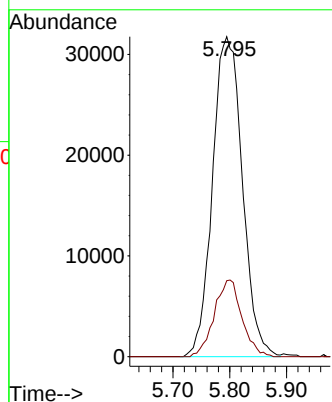
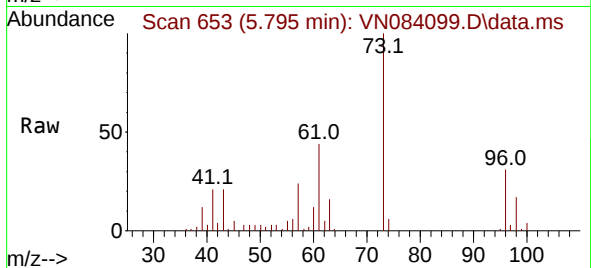




#19
Methyl tert-butyl Ether
Concen: 19.343 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

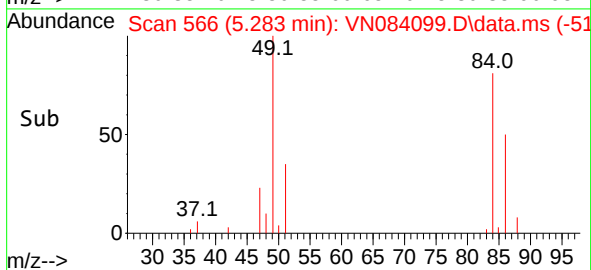
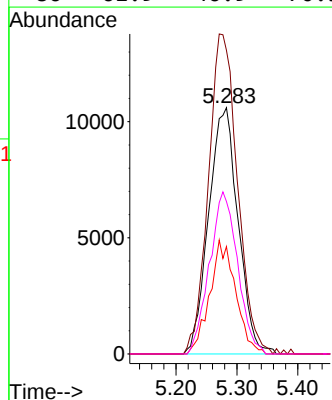
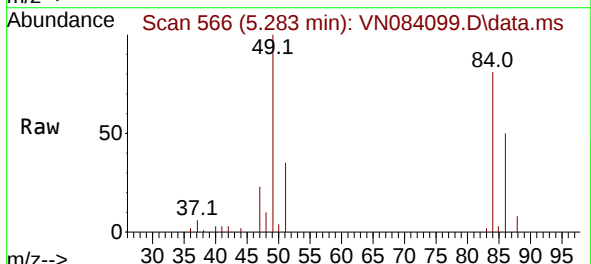
Instrument :
MSVOA_N
ClientSampleId :

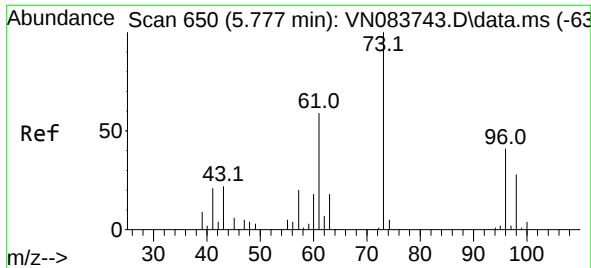
Tgt Ion: 73 Resp: 115814
Ion Ratio Lower Upper
73 100
57 23.7 17.0 25.6



#20
Methylene Chloride
Concen: 18.821 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

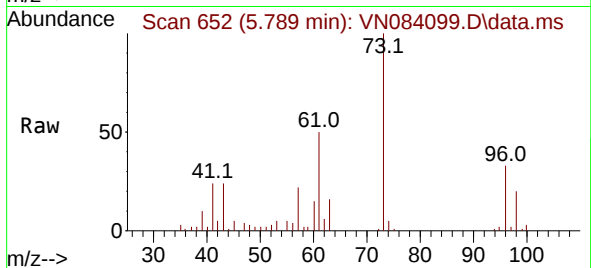
Tgt Ion: 84 Resp: 35614
Ion Ratio Lower Upper
84 100
49 123.3 93.4 140.0
51 43.6 29.2 43.8
86 61.9 46.9 70.3



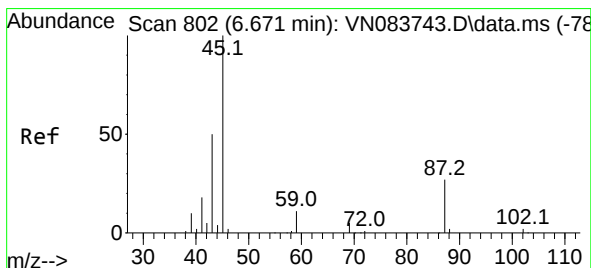
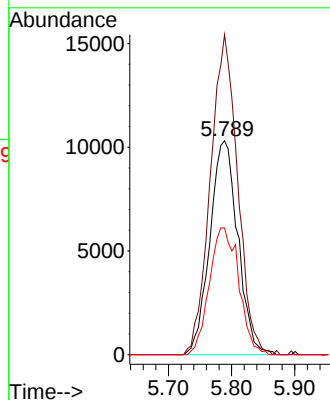
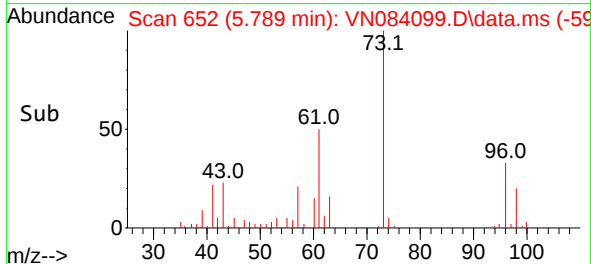


#21
trans-1,2-Dichloroethene
Concen: 17.907 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

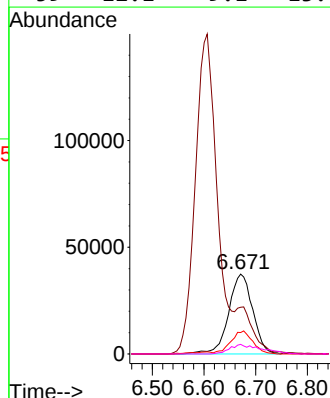
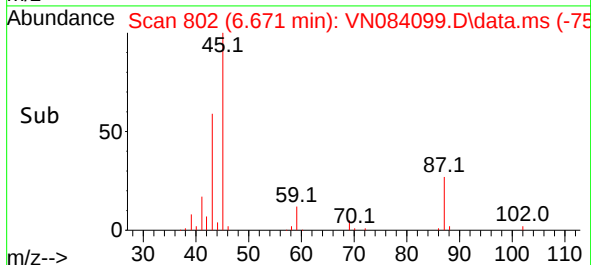
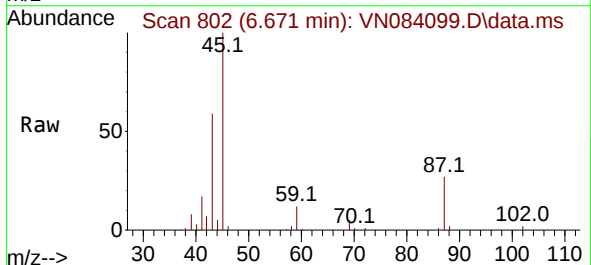


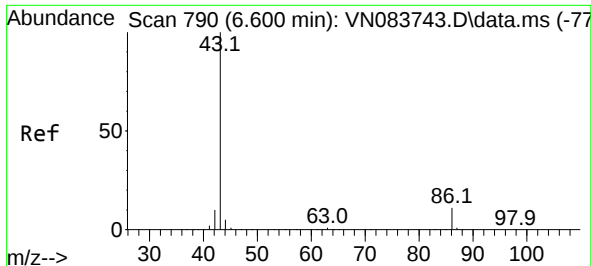
Tgt Ion: 96 Resp: 31753
Ion Ratio Lower Upper
96 100
61 149.6 106.0 159.0
98 59.2 52.2 78.2



#22
Diisopropyl ether
Concen: 19.930 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 45 Resp: 120959
Ion Ratio Lower Upper
45 100
43 55.8 43.4 65.0
87 26.9 22.6 33.8
59 12.1 9.1 13.7

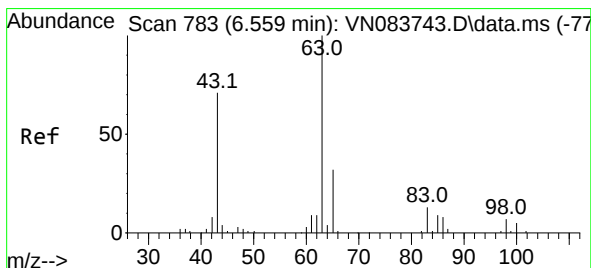
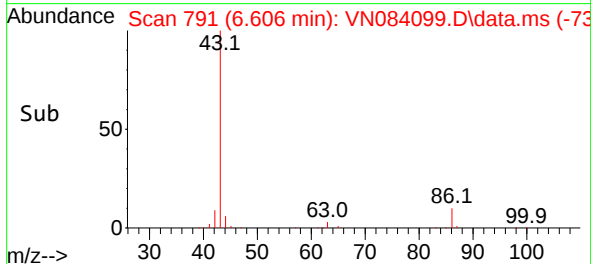
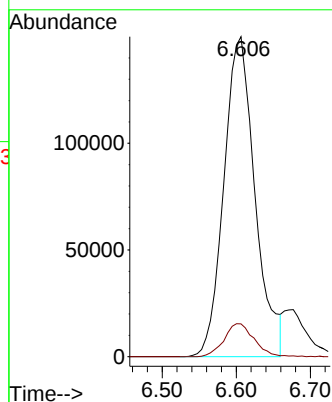
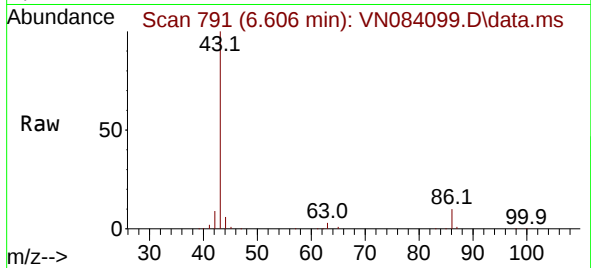




#23
 Vinyl Acetate
 Concen: 98.478 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

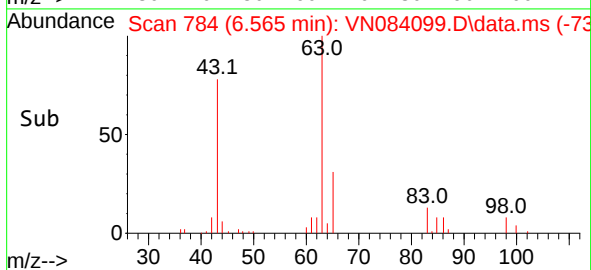
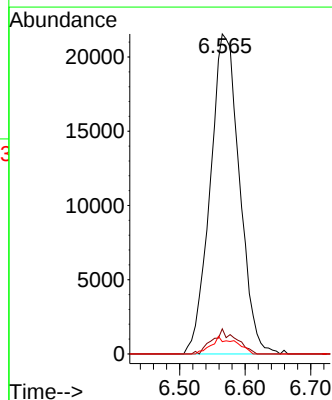
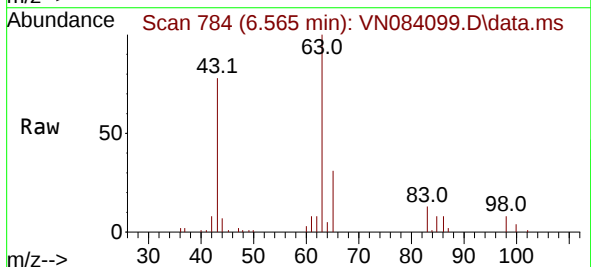
Instrument :
 MSVOA_N
 ClientSampleId :

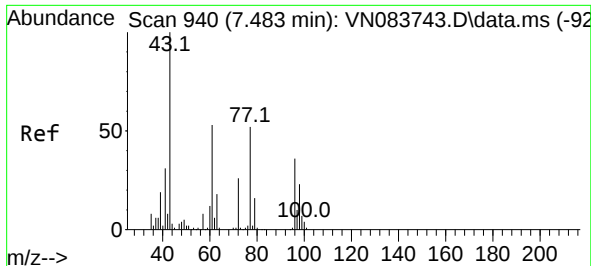
Tgt Ion: 43 Resp: 437684
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.100 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

Tgt Ion: 63 Resp: 66785
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 3.8 2.5 7.5

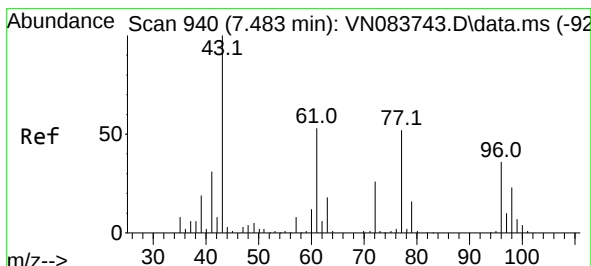
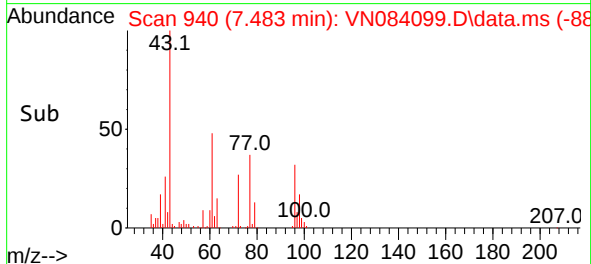
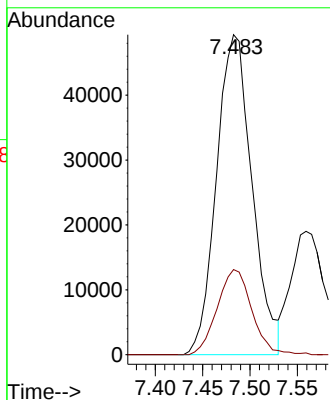
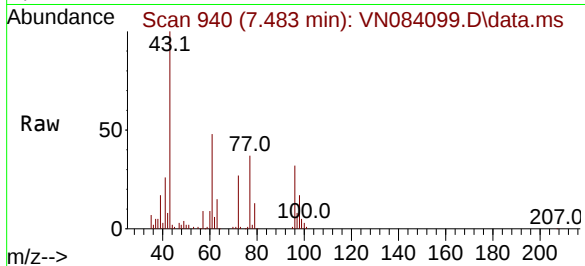




#25
2-Butanone
Concen: 105.967 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

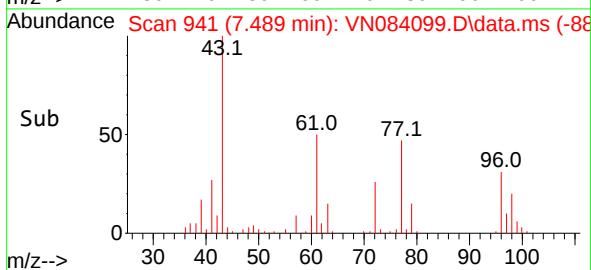
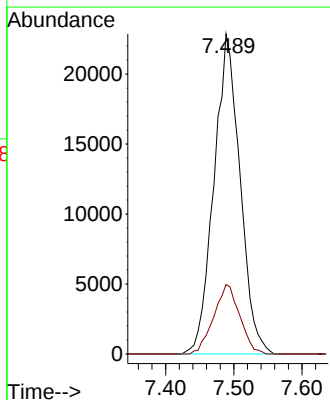
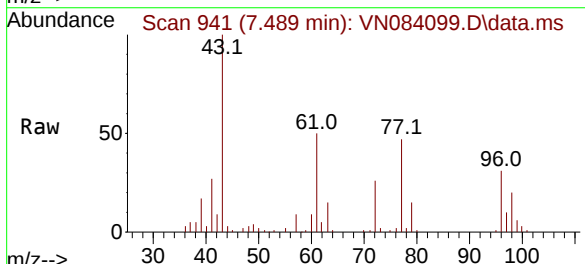
Instrument :
MSVOA_N
ClientSampleId :

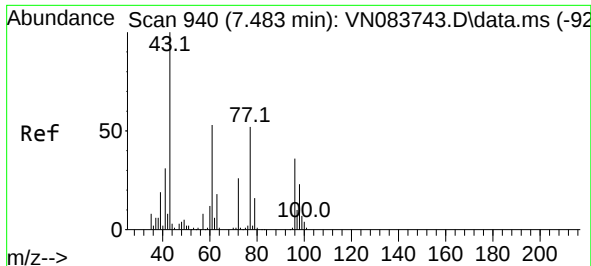
Tgt Ion: 43 Resp: 128787
Ion Ratio Lower Upper
43 100
72 26.6 20.8 31.2



#26
2,2-Dichloropropane
Concen: 18.920 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 77 Resp: 60922
Ion Ratio Lower Upper
77 100
97 21.6 10.2 30.4

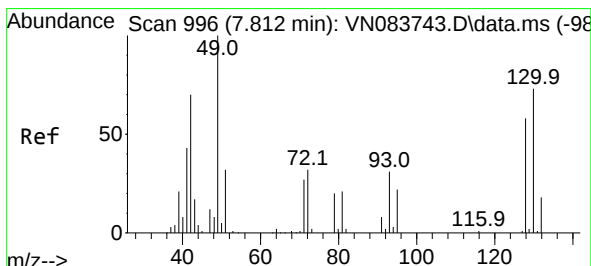
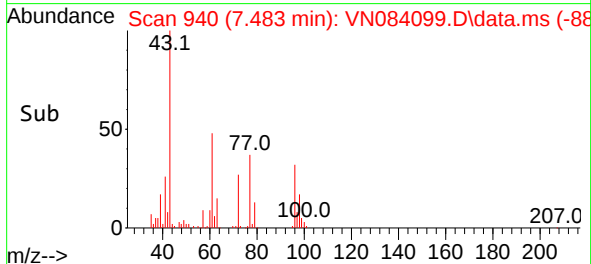
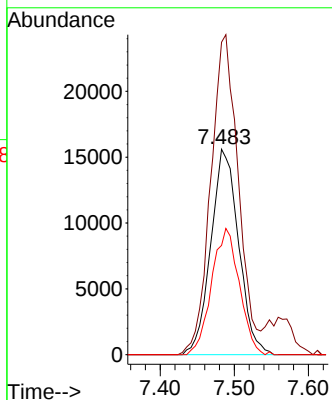
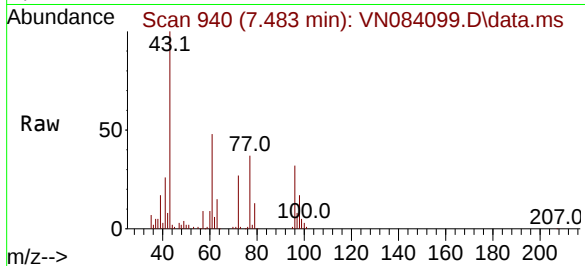




#27
 cis-1,2-Dichloroethene
 Concen: 19.319 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

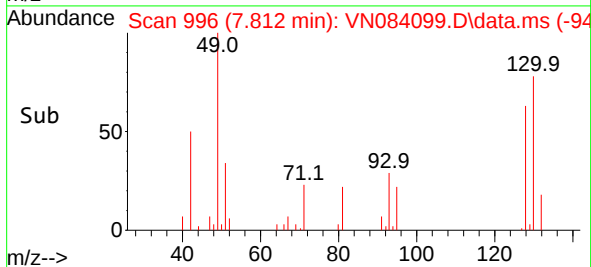
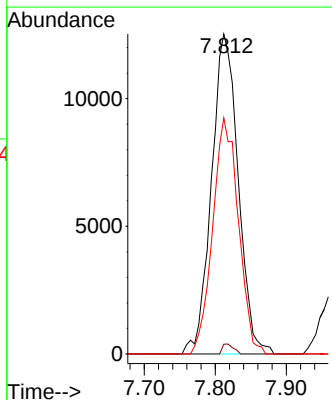
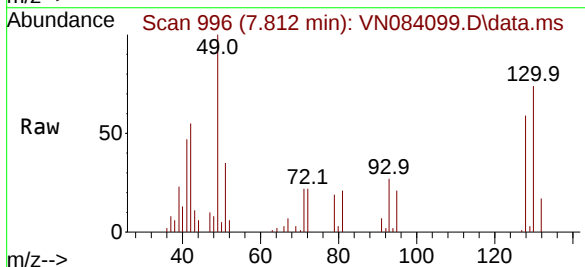
Instrument :
 MSVOA_N
 ClientSampleId :

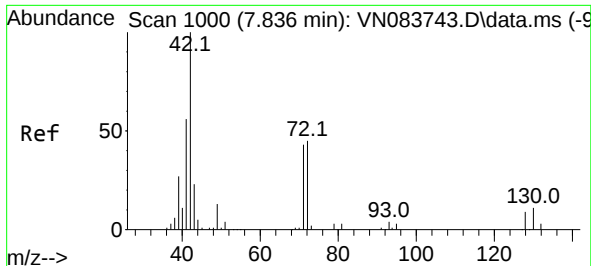
Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	306.2
98	61.3	0.0	128.6



#28
 Bromochloromethane
 Concen: 22.233 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	70.7	60.2	90.2





#29

Tetrahydrofuran

Concen: 107.215 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084099.D

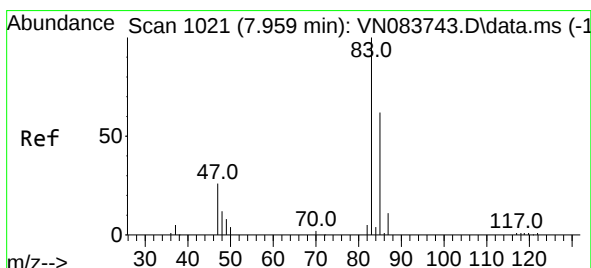
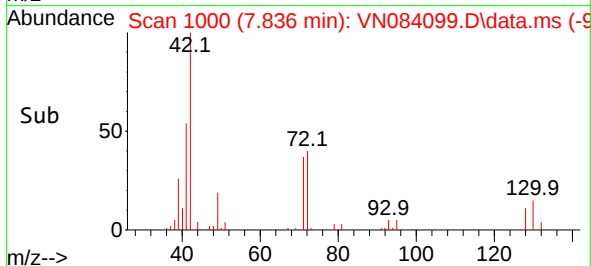
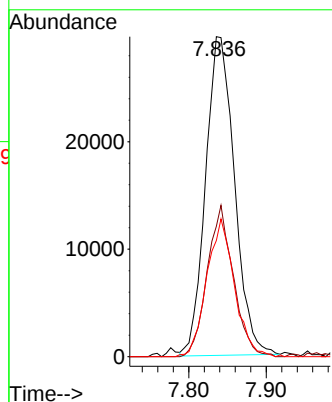
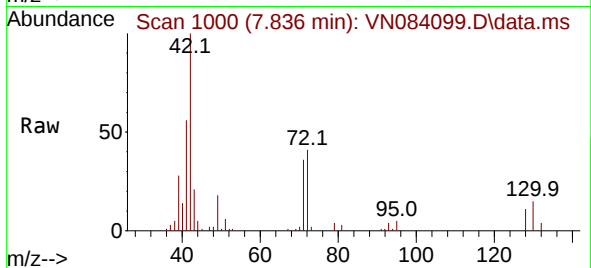
Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	77048
Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.9	53.9
71	41.2	33.9	50.9



#30

Chloroform

Concen: 19.044 ug/l

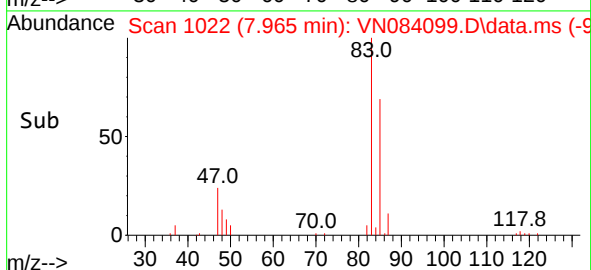
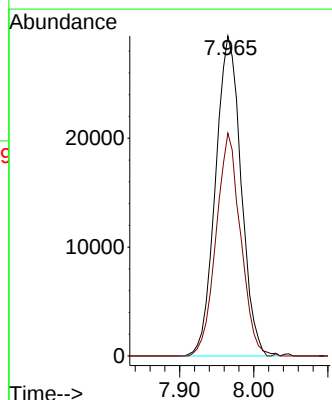
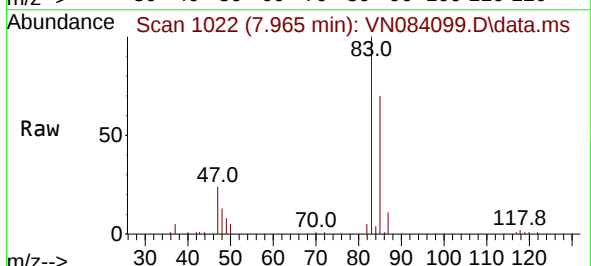
RT: 7.965 min Scan# 1022

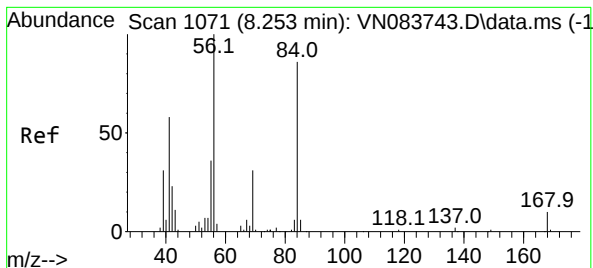
Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Tgt Ion:	83	Resp:	70693
Ion	Ratio	Lower	Upper
83	100		
85	69.6	52.8	79.2





#31

Cyclohexane

Concen: 16.513 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

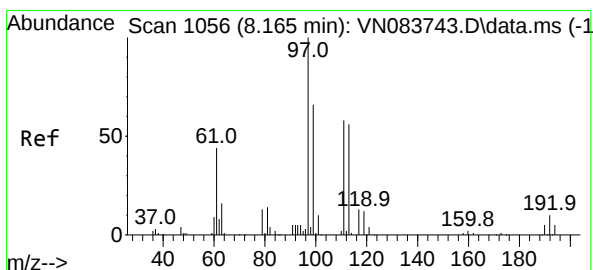
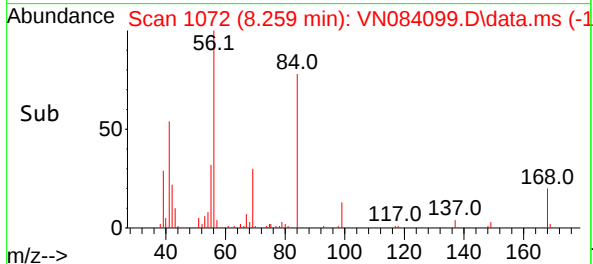
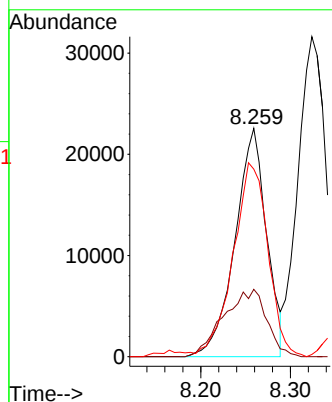
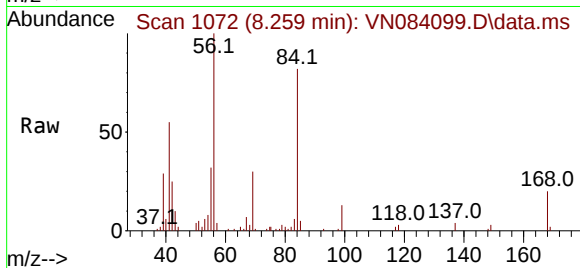
Tgt Ion: 56 Resp: 55052

Ion Ratio Lower Upper

56 100

69 29.5 26.9 40.3

84 80.2 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 18.839 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

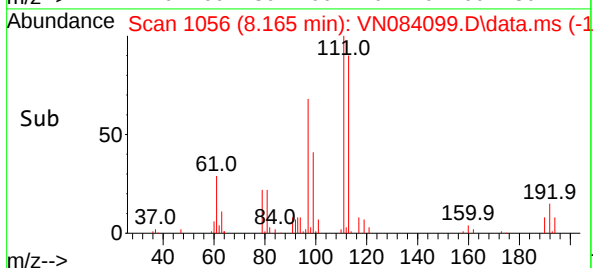
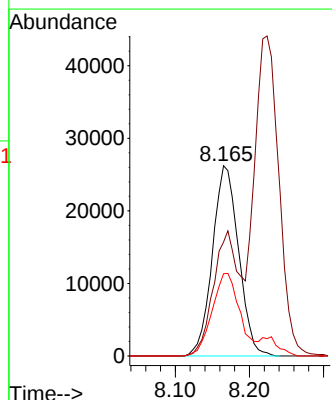
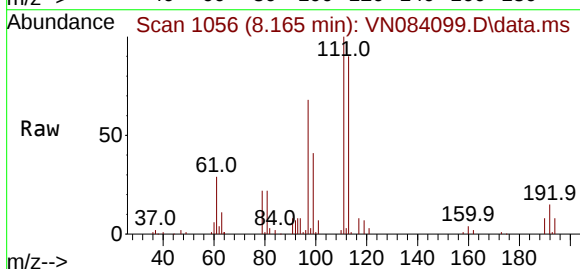
Tgt Ion: 97 Resp: 64301

Ion Ratio Lower Upper

97 100

99 66.5 52.3 78.5

61 46.7 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.815 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

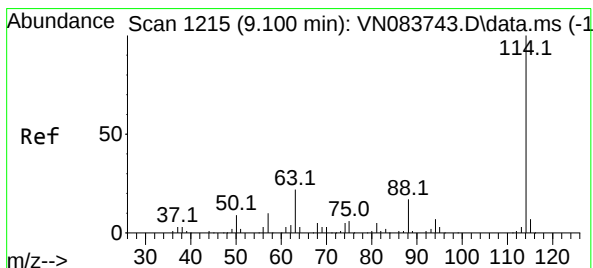
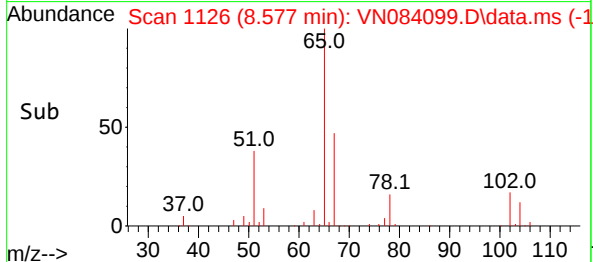
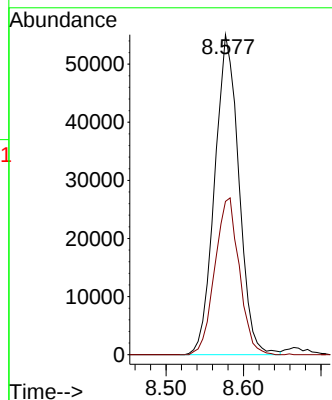
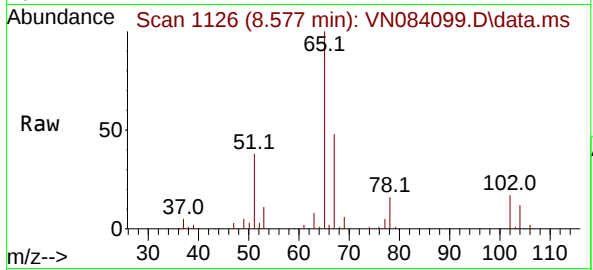
ClientSampleId :

Tgt Ion: 65 Resp: 119520

Ion Ratio Lower Upper

65 100

67 49.5 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: VN084099.D

Acq: 23 Sep 2024 10:31

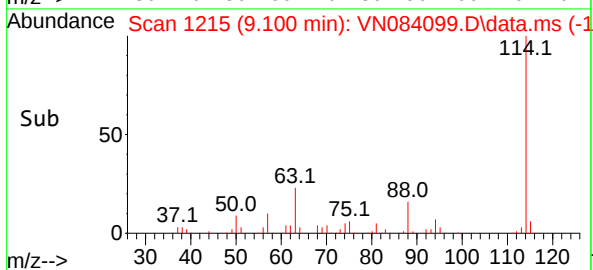
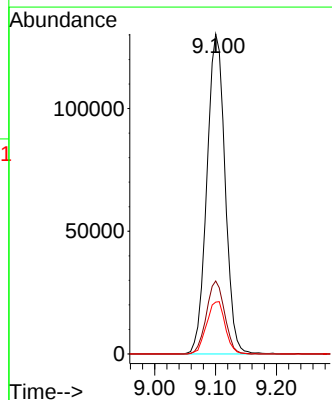
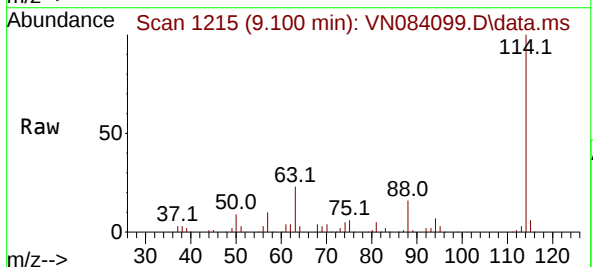
Tgt Ion: 114 Resp: 270462

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

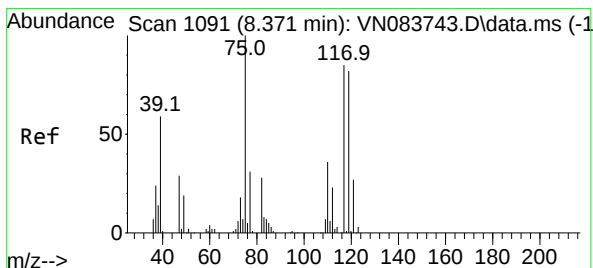
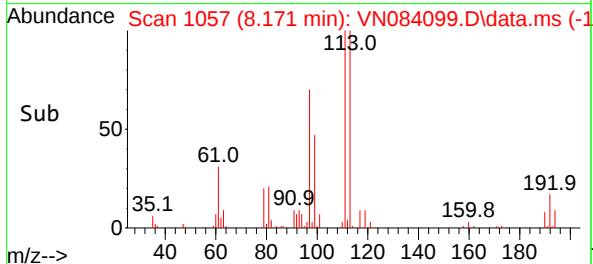
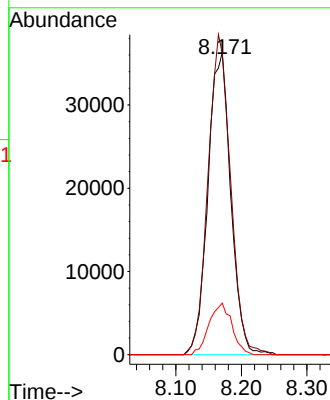
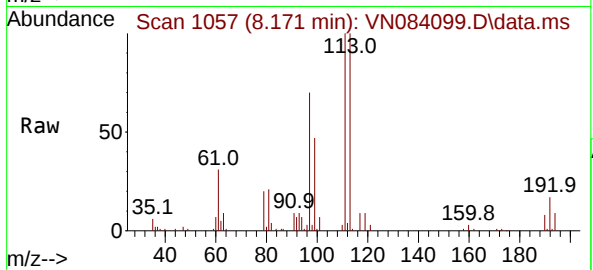
Tgt Ion:113 Resp: 88008

Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 17.653 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

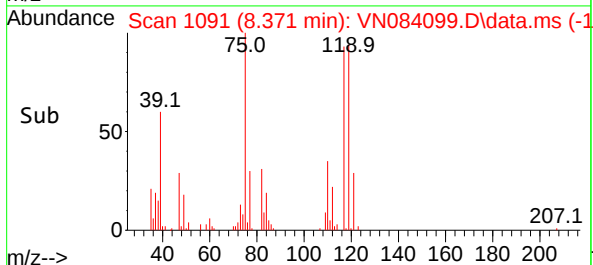
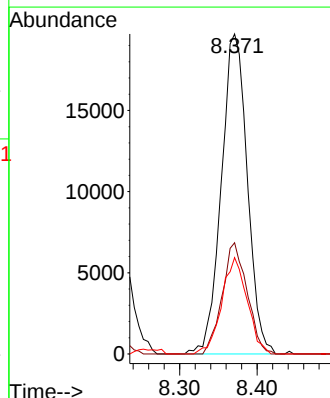
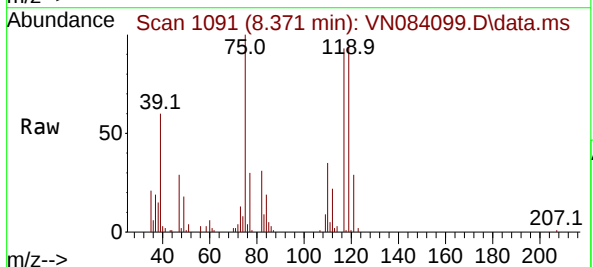
Tgt Ion: 75 Resp: 46005

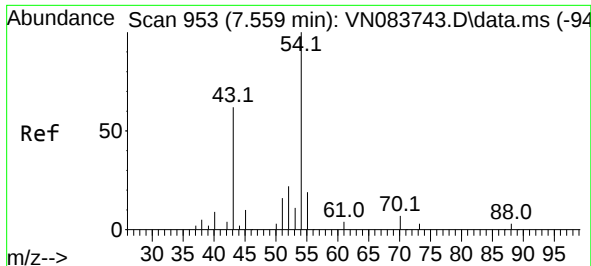
Ion Ratio Lower Upper

75 100

110 33.2 16.7 50.1

77 29.5 25.2 37.8





#37

Ethyl Acetate

Concen: 20.412 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084099.D

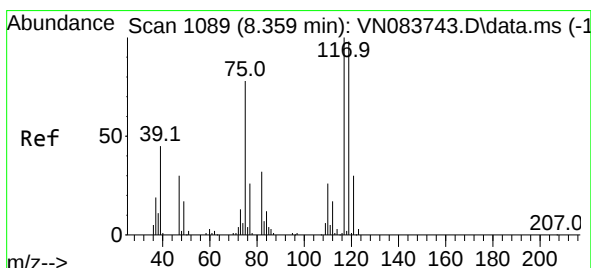
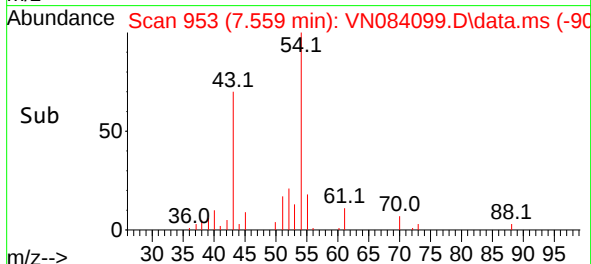
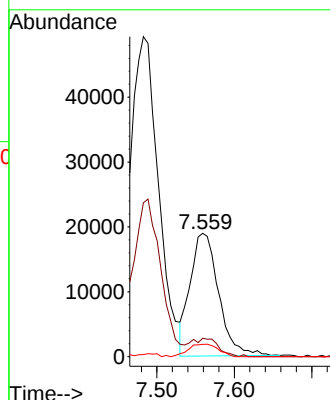
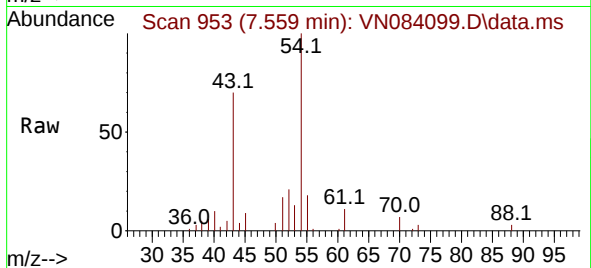
Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	48286
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.7	8.8	13.2



#38

Carbon Tetrachloride

Concen: 18.251 ug/l

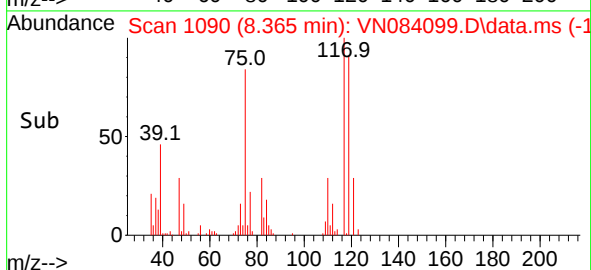
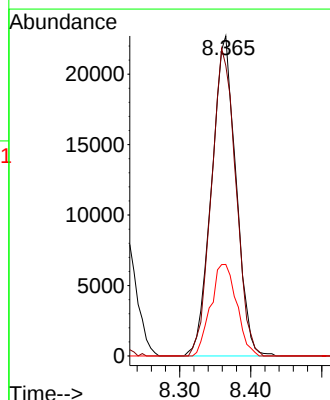
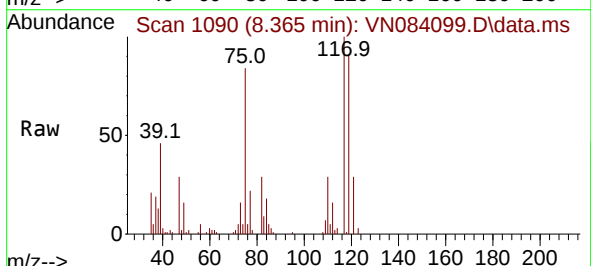
RT: 8.365 min Scan# 1090

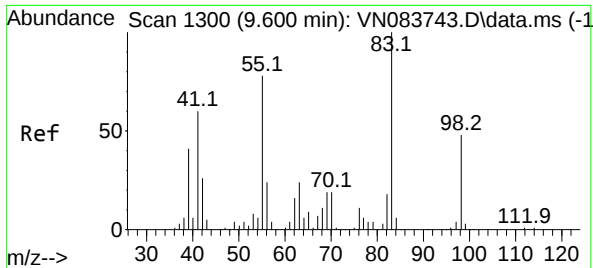
Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Tgt Ion:	117	Resp:	53961
Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.1	114.1
121	28.6	24.1	36.1





#39

Methylcyclohexane

Concen: 16.930 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

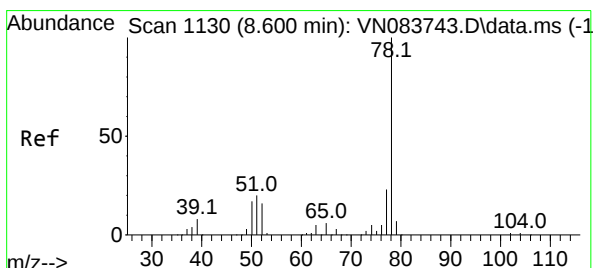
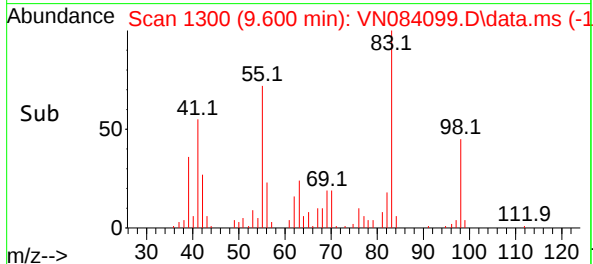
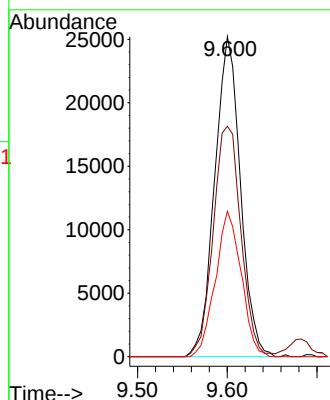
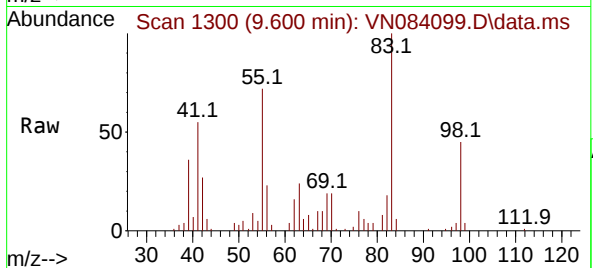
Tgt Ion: 83 Resp: 50220

Ion Ratio Lower Upper

83 100

55 72.0 62.2 93.4

98 45.5 37.6 56.4



#40

Benzene

Concen: 18.360 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084099.D

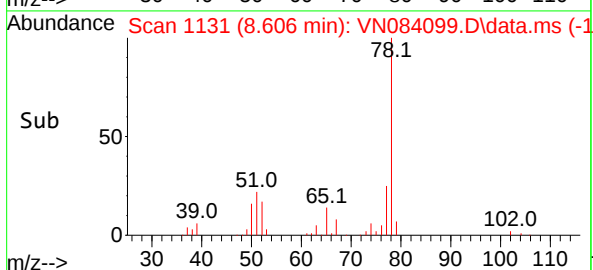
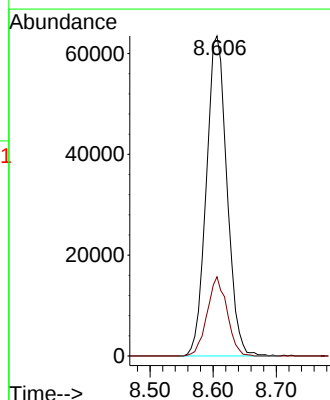
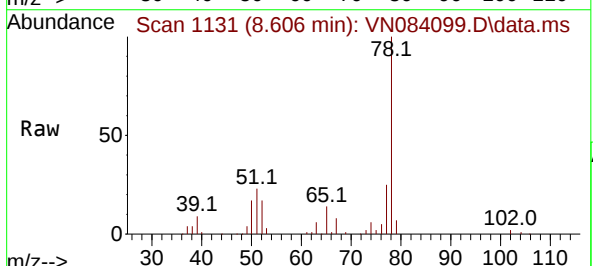
Acq: 23 Sep 2024 10:31

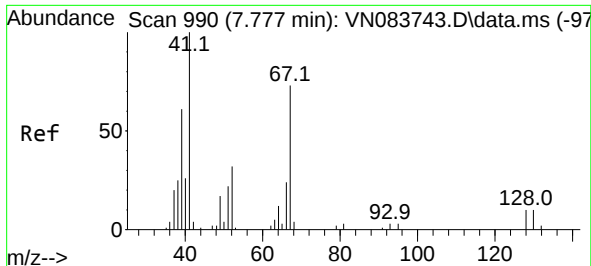
Tgt Ion: 78 Resp: 144020

Ion Ratio Lower Upper

78 100

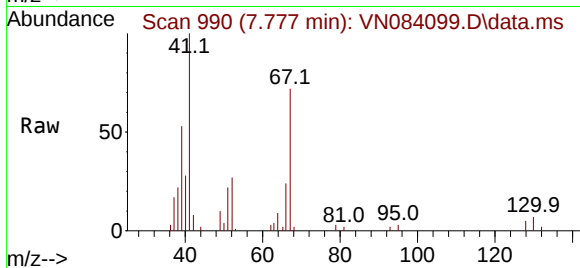
77 24.7 19.0 28.6



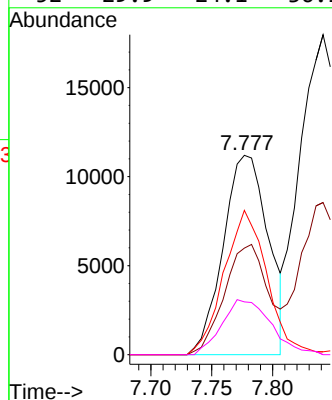
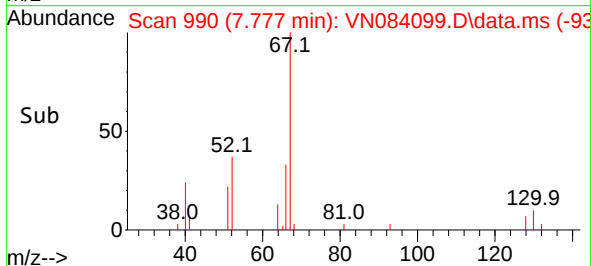


#41
Methacrylonitrile
Concen: 20.611 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

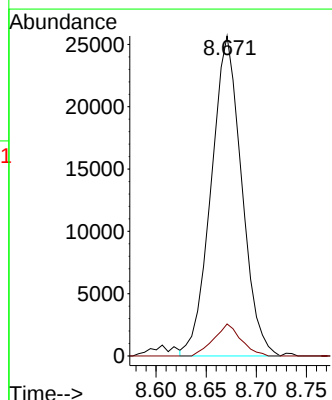
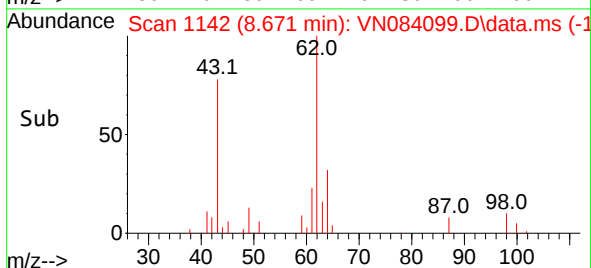
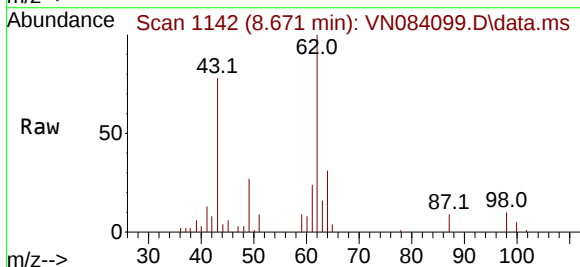


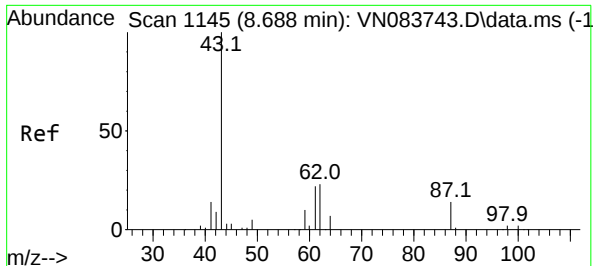
Tgt Ion: 41	Resp: 28838
Ion Ratio	Lower Upper
41 100	
39 53.7	45.4 68.2
67 69.4	55.9 83.9
52 29.9	24.1 36.1



#42
1,2-Dichloroethane
Concen: 18.544 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 62	Resp: 54354
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 16.6

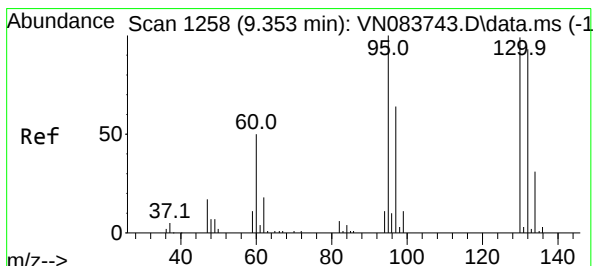
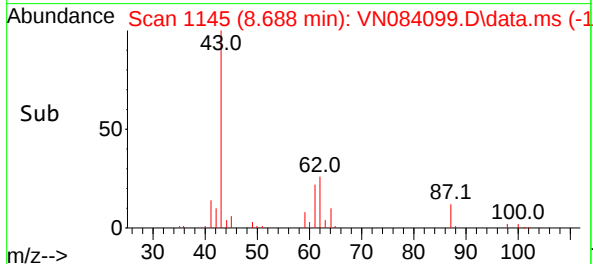
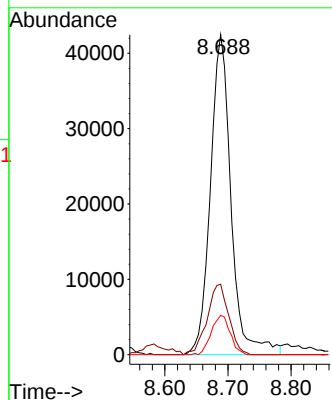
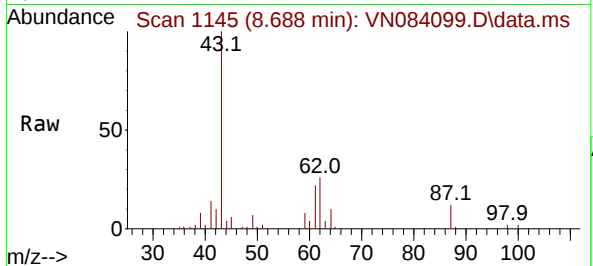




#43
Isopropyl Acetate
Concen: 22.502 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

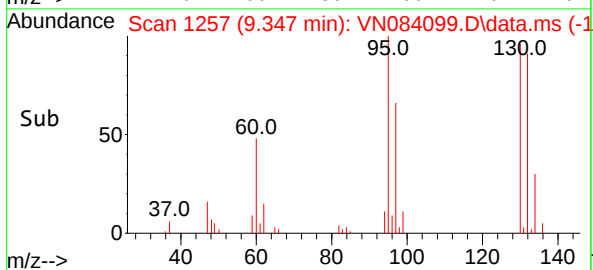
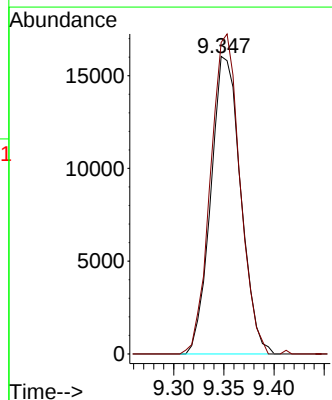
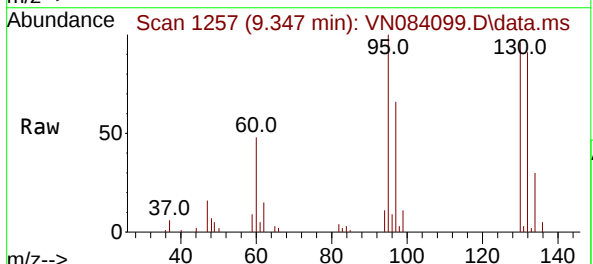
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 96461
Ion Ratio Lower Upper
43 100
61 23.0 19.4 29.0
87 11.2 9.8 14.6



#44
Trichloroethene
Concen: 18.270 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion:130 Resp: 33186
Ion Ratio Lower Upper
130 100
95 104.7 0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.767 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

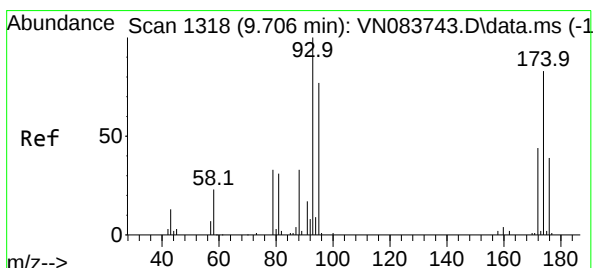
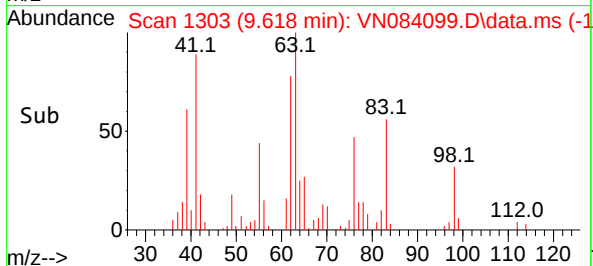
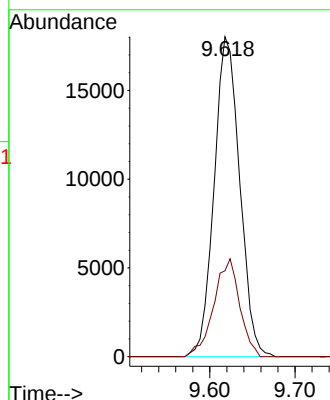
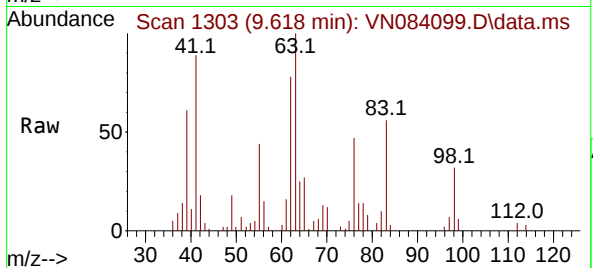
ClientSampleId :

Tgt Ion: 63 Resp: 37476

Ion Ratio Lower Upper

63 100

65 26.8 25.9 38.9



#46

Dibromomethane

Concen: 19.515 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

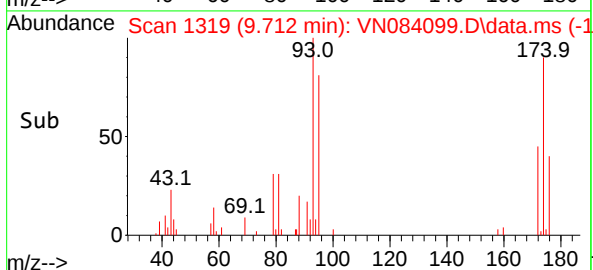
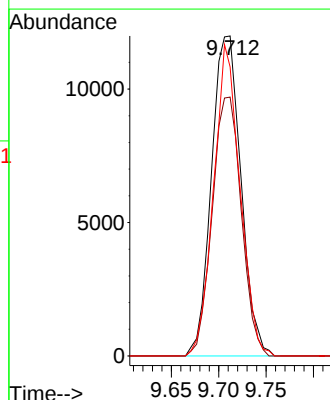
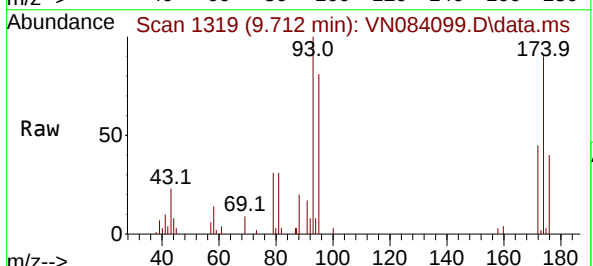
Tgt Ion: 93 Resp: 25914

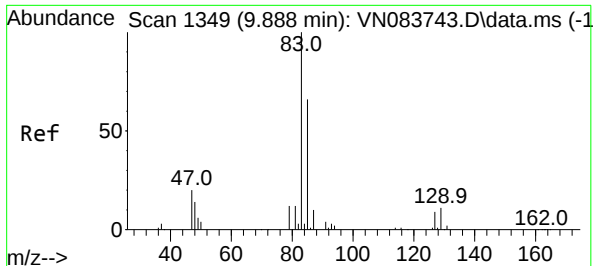
Ion Ratio Lower Upper

93 100

95 79.9 65.3 97.9

174 87.3 71.0 106.4

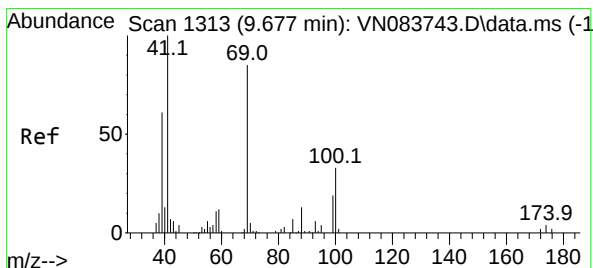
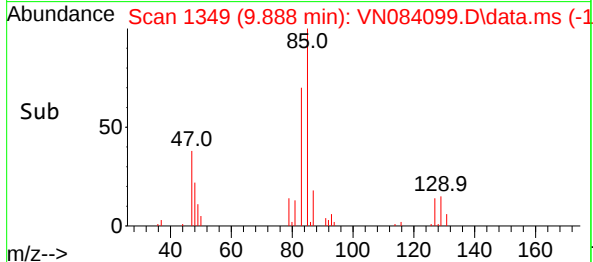
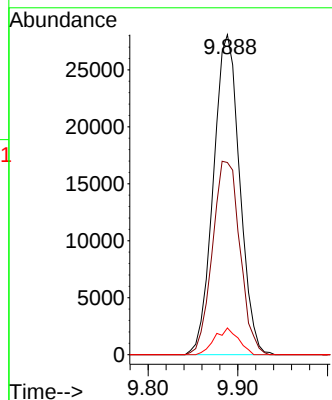
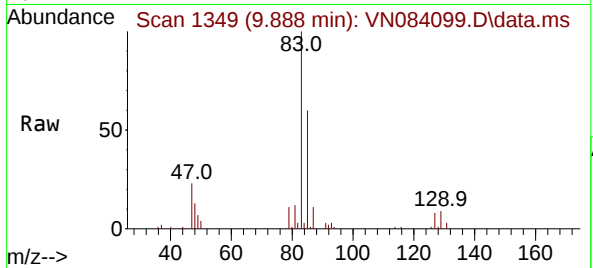




#47
Bromodichloromethane
Concen: 19.881 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

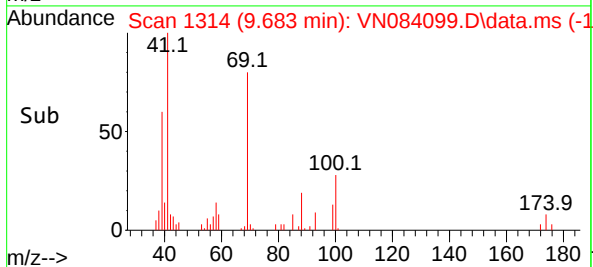
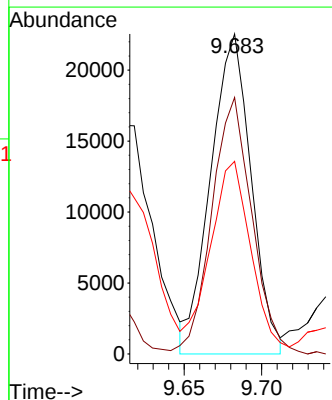
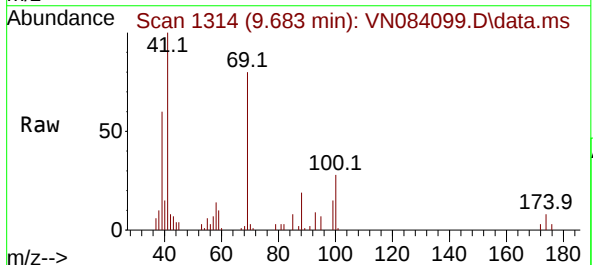
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 57137
Ion Ratio Lower Upper
83 100
85 60.0 51.8 77.8
127 8.3 6.6 9.8



#48
Methyl methacrylate
Concen: 20.130 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 41 Resp: 40941
Ion Ratio Lower Upper
41 100
69 79.7 64.3 96.5
39 61.5 48.9 73.3





#49

1,4-Dioxane

Concen: 403.800 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

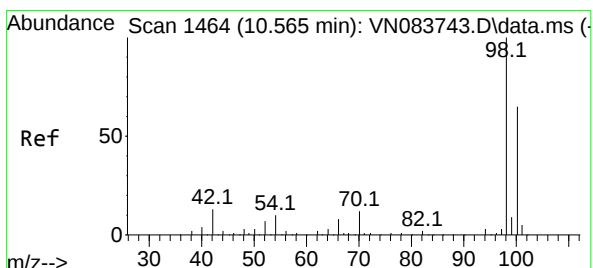
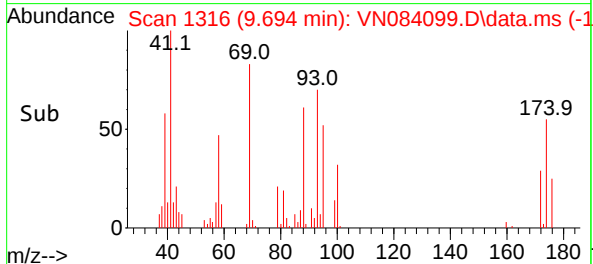
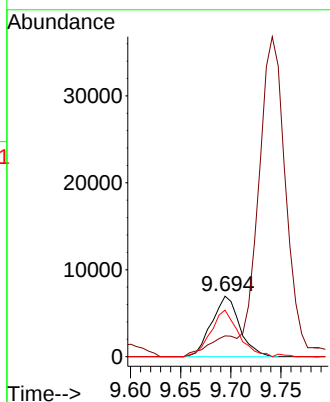
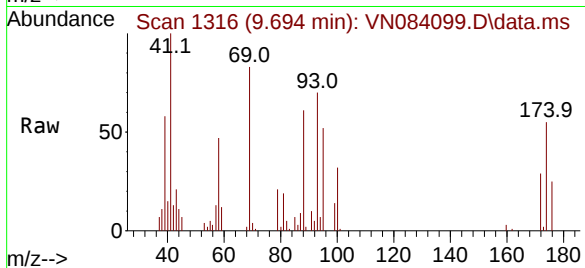
Tgt Ion: 88 Resp: 13510

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.2 57.1 85.7



#50

Toluene-d8

Concen: 52.274 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084099.D

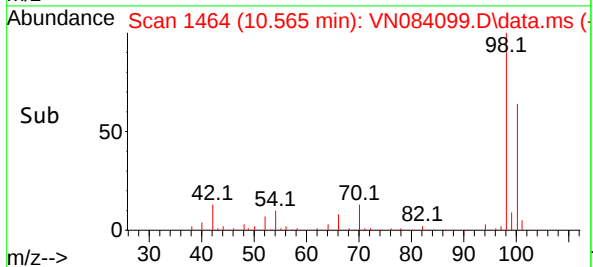
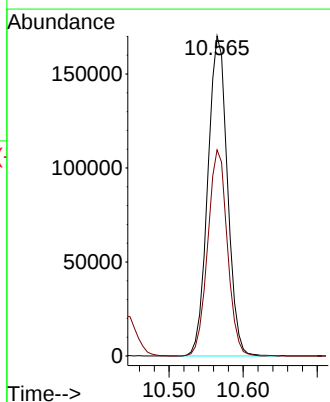
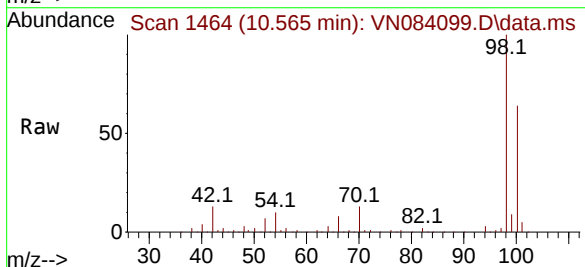
Acq: 23 Sep 2024 10:31

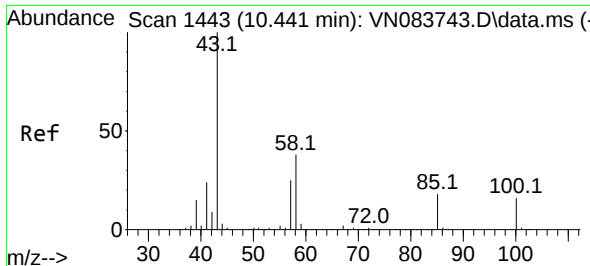
Tgt Ion: 98 Resp: 312901

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

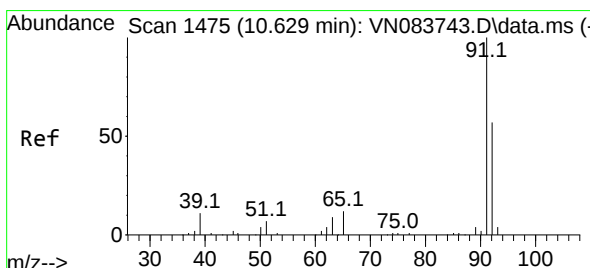
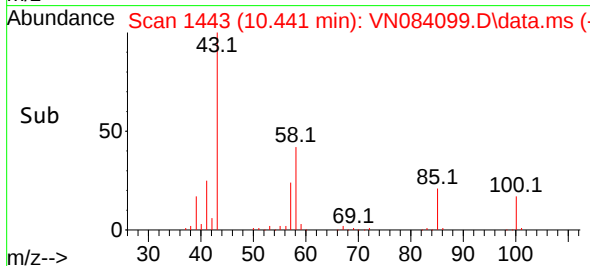
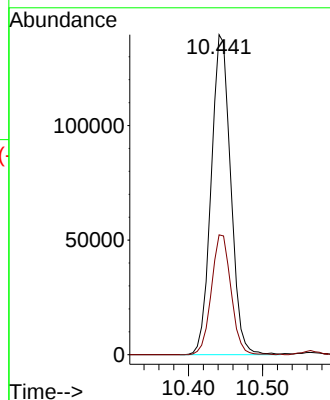
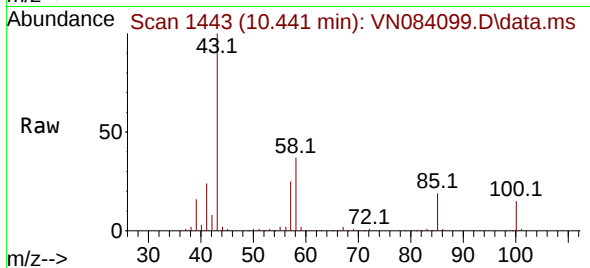




#51
4-Methyl-2-Pentanone
Concen: 109.416 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

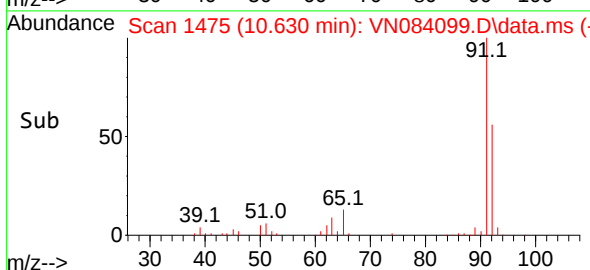
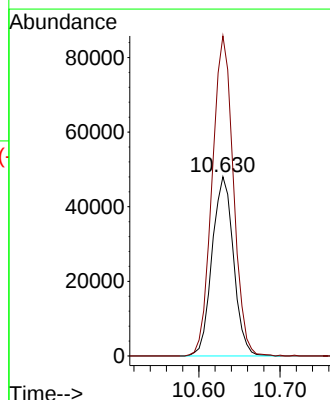
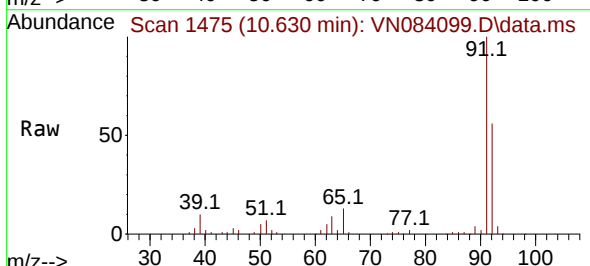
Instrument :
MSVOA_N
ClientSampleId :

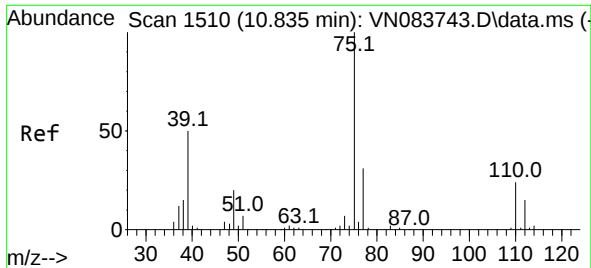
Tgt Ion: 43 Resp: 255320
Ion Ratio Lower Upper
43 100
58 37.6 31.6 47.4



#52
Toluene
Concen: 18.325 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 92 Resp: 87923
Ion Ratio Lower Upper
92 100
91 177.3 134.7 202.1

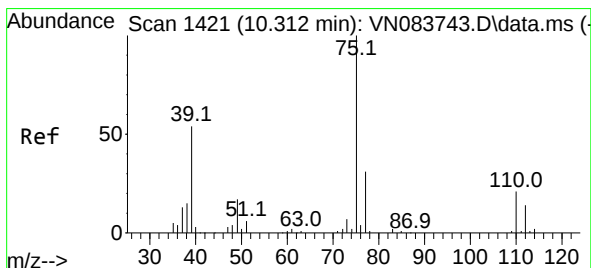
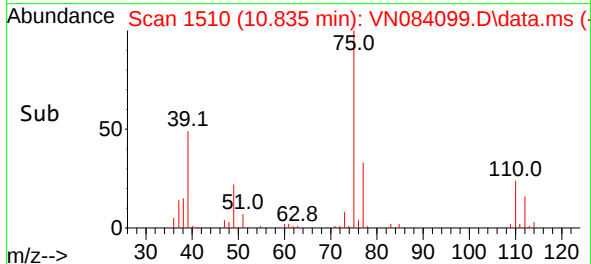
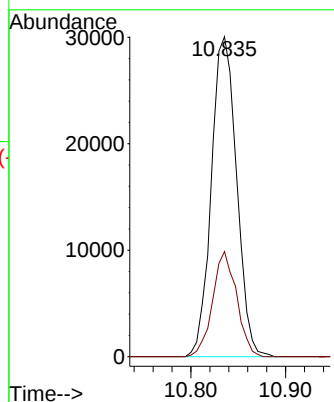
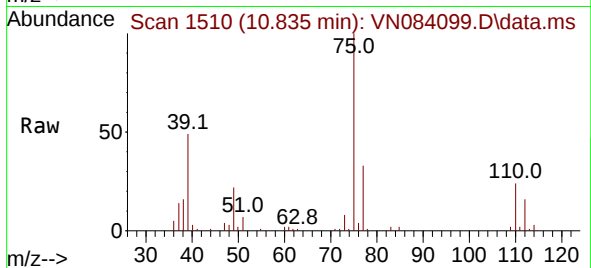




#53
 t-1,3-Dichloropropene
 Concen: 19.135 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

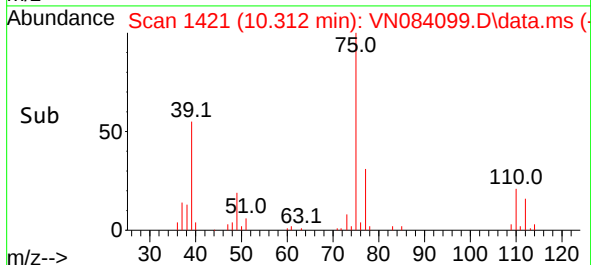
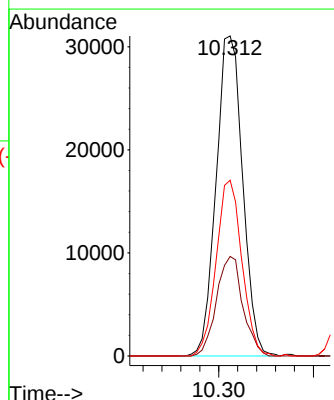
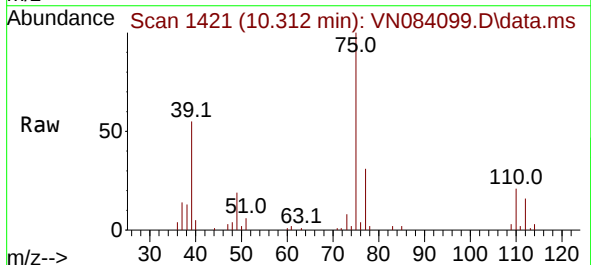
Instrument :
 MSVOA_N
 ClientSampleId :

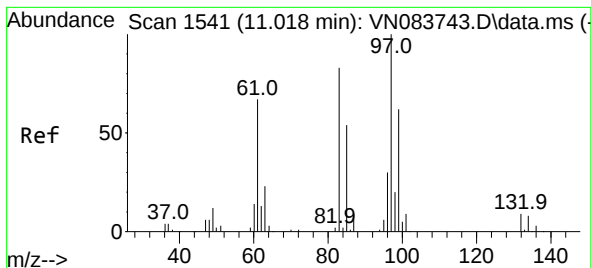
Tgt Ion: 75 Resp: 55742
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.758 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084099.D
 Acq: 23 Sep 2024 10:31

Tgt Ion: 75 Resp: 60459
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6
 39 54.9 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 19.163 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 34326

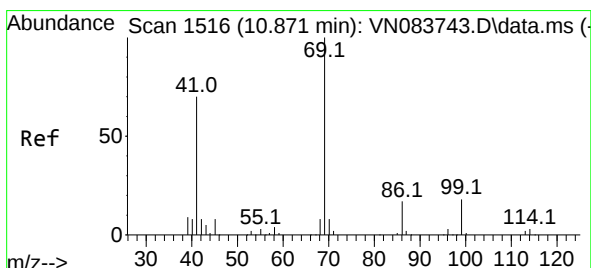
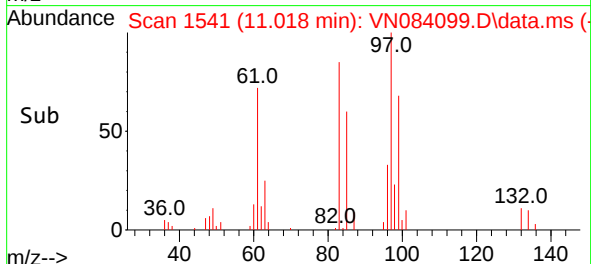
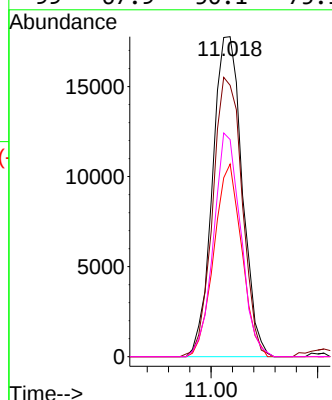
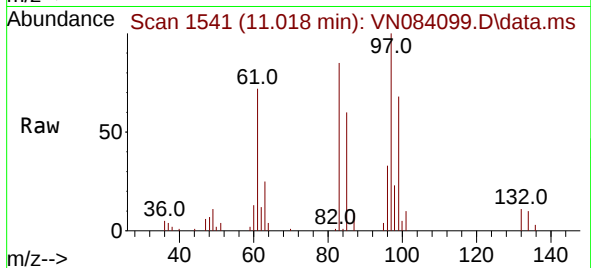
Ion Ratio Lower Upper

97 100

83 84.8 67.5 101.3

85 60.2 44.2 66.2

99 67.9 50.1 75.1



#56

Ethyl methacrylate

Concen: 20.303 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

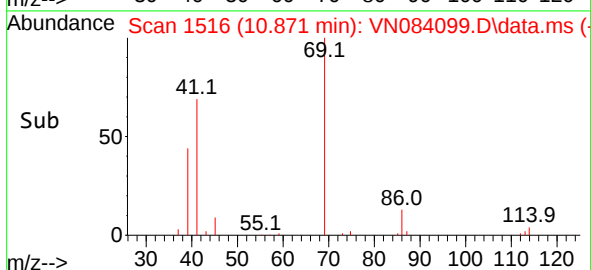
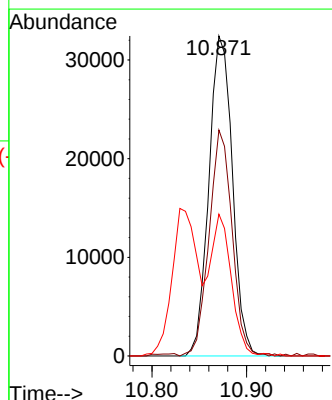
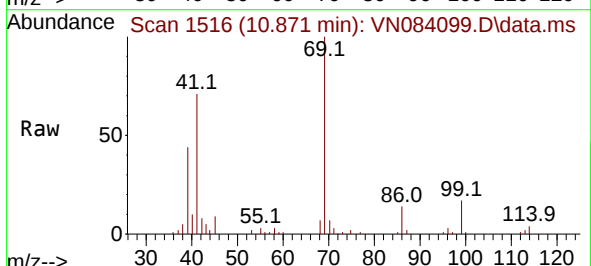
Tgt Ion: 69 Resp: 55953

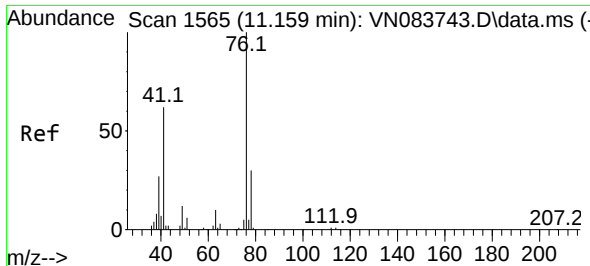
Ion Ratio Lower Upper

69 100

41 69.0 53.9 80.9

39 40.5 32.6 48.8





#57

1,3-Dichloropropane

Concen: 19.995 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

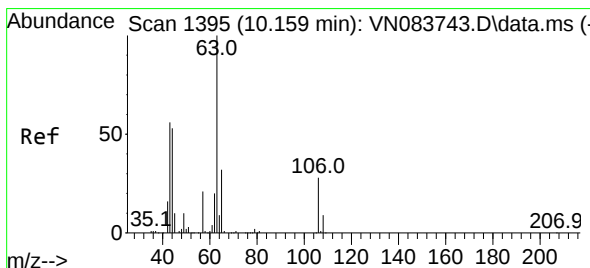
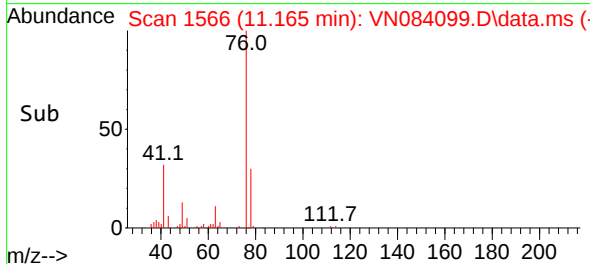
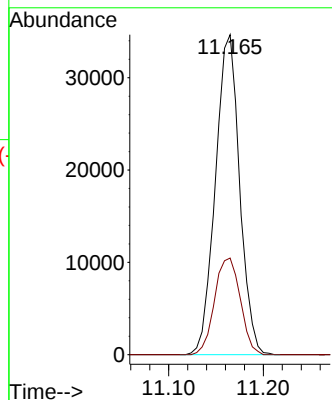
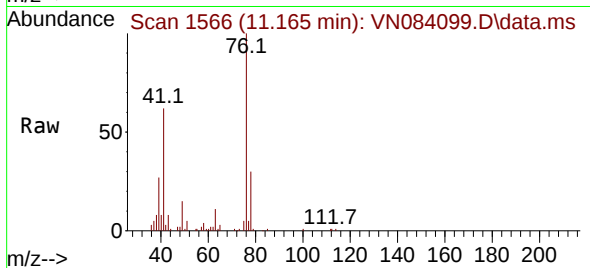
ClientSampleId :

Tgt Ion: 76 Resp: 61555

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 123.743 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084099.D

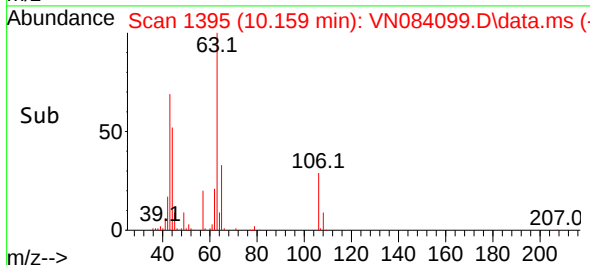
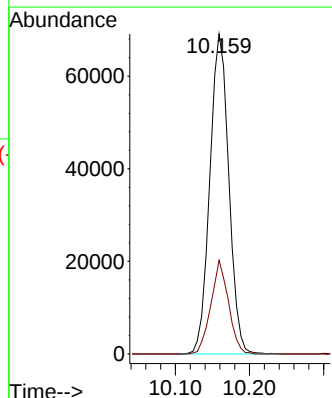
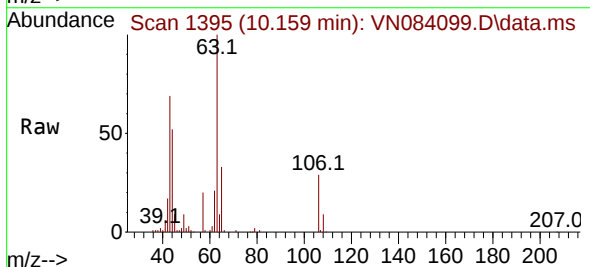
Acq: 23 Sep 2024 10:31

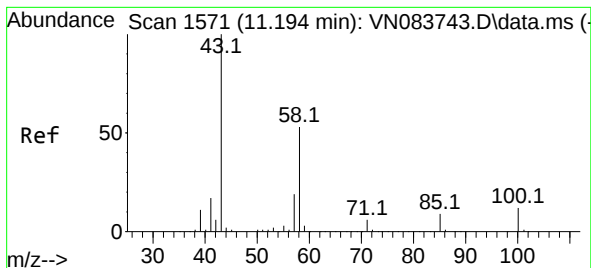
Tgt Ion: 63 Resp: 122877

Ion Ratio Lower Upper

63 100

106 27.2 23.3 34.9





#59

2-Hexanone

Concen: 108.727 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

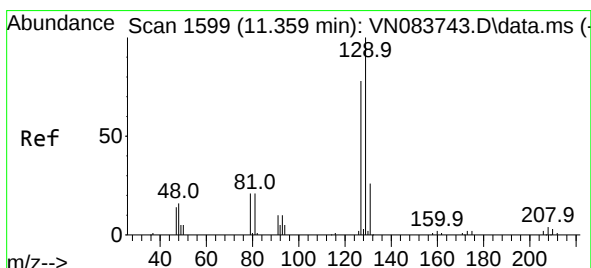
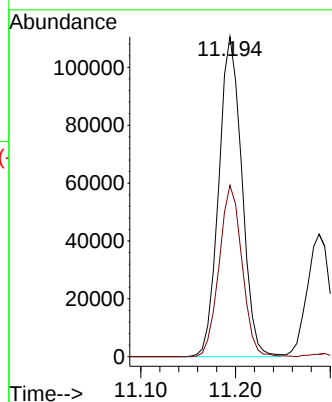
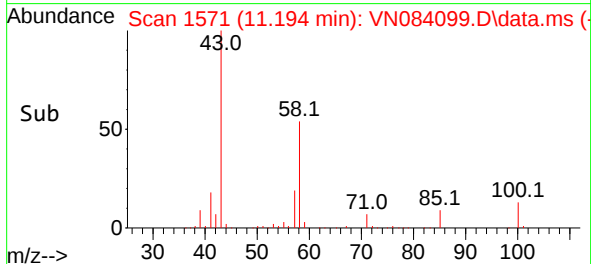
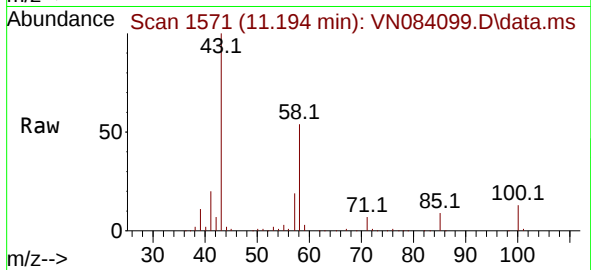
ClientSampleId :

Tgt Ion: 43 Resp: 187678

Ion Ratio Lower Upper

43 100

58 53.0 27.2 81.5



#60

Dibromochloromethane

Concen: 20.470 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084099.D

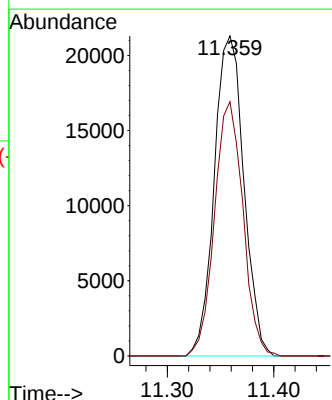
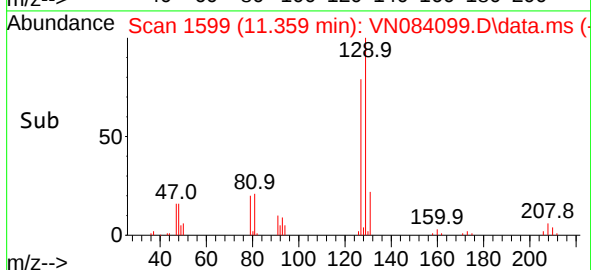
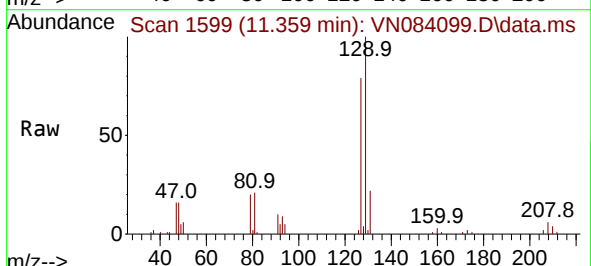
Acq: 23 Sep 2024 10:31

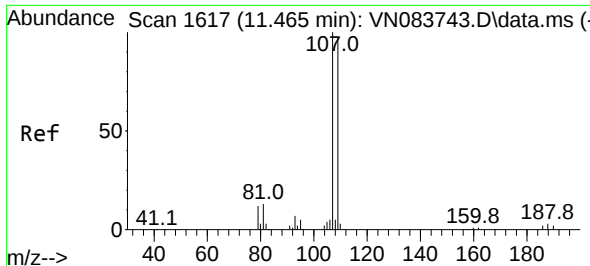
Tgt Ion:129 Resp: 41034

Ion Ratio Lower Upper

129 100

127 76.4 39.0 116.9

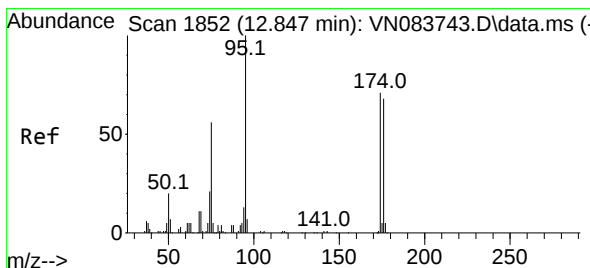
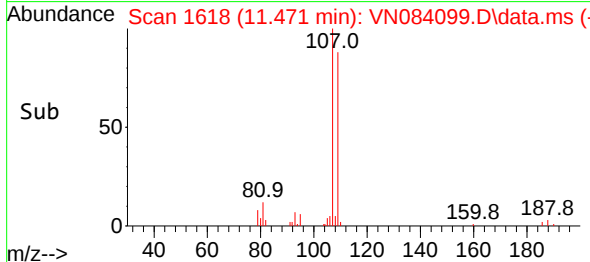
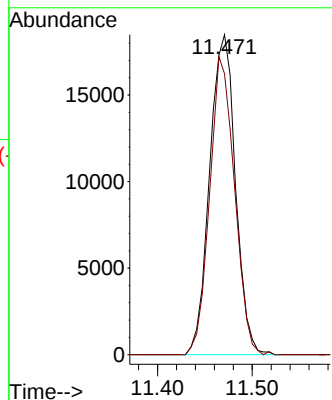
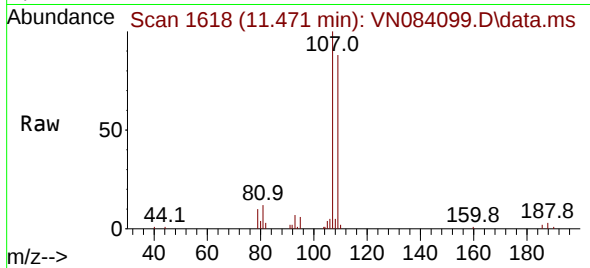




#61
1,2-Dibromoethane
Concen: 19.594 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

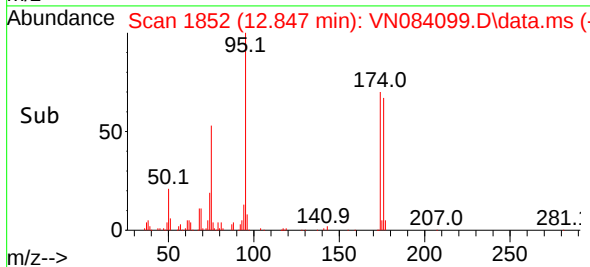
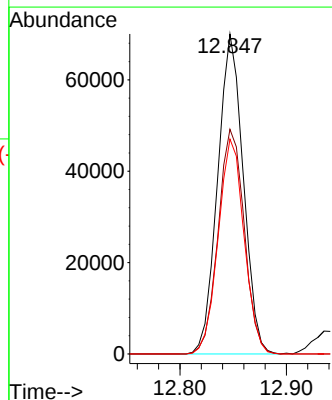
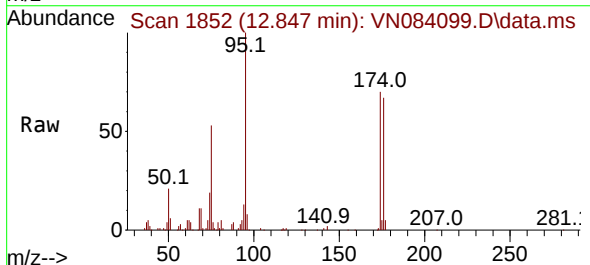
Instrument :
MSVOA_N
ClientSampleId :

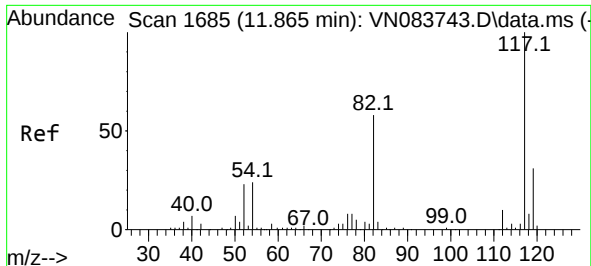
Tgt Ion:107 Resp: 35002
Ion Ratio Lower Upper
107 100
109 89.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.249 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 95 Resp: 116685
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.0 0.0 131.4

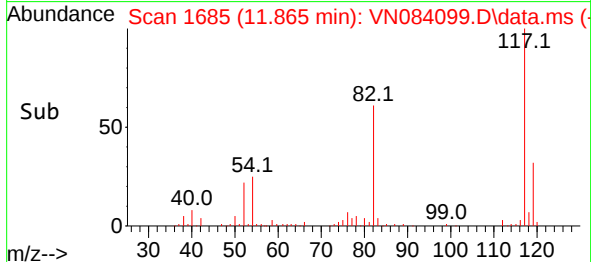
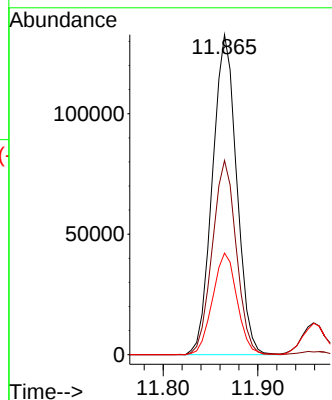
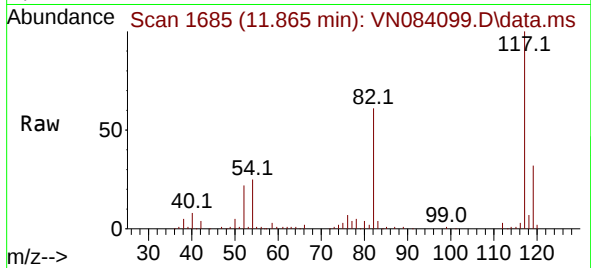




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

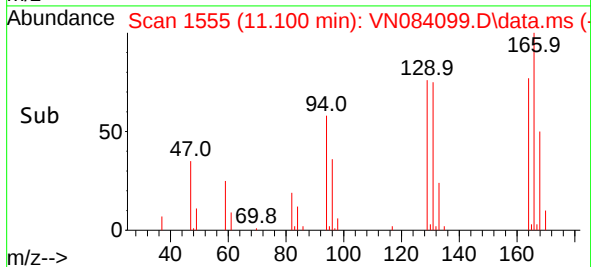
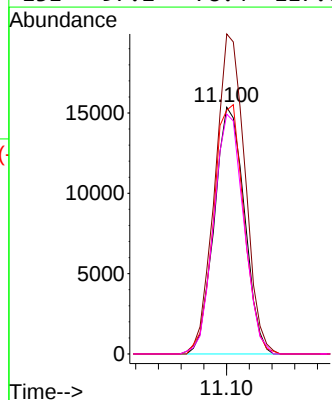
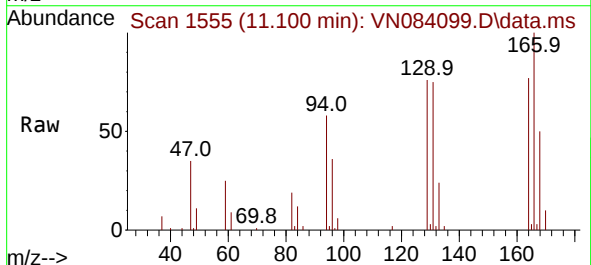
Instrument :
MSVOA_N
ClientSampleId :

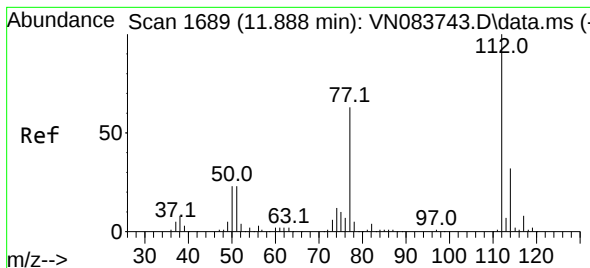
Tgt Ion:117 Resp: 235615
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 18.017 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion:164 Resp: 28231
Ion Ratio Lower Upper
164 100
166 129.7 103.7 155.5
129 98.9 79.9 119.9
131 97.2 78.4 117.6





#65

Chlorobenzene

Concen: 18.392 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

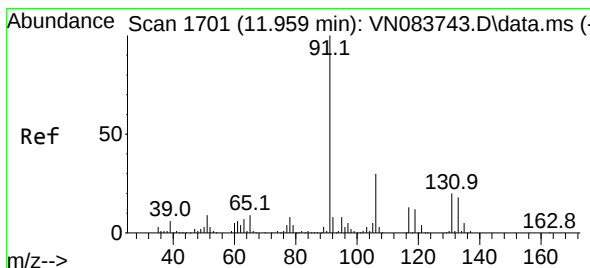
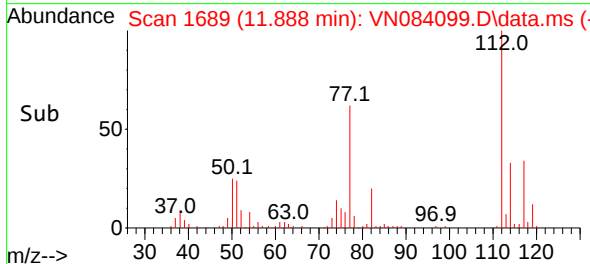
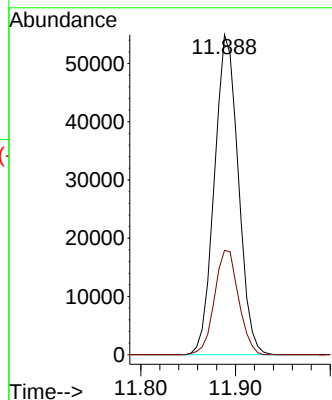
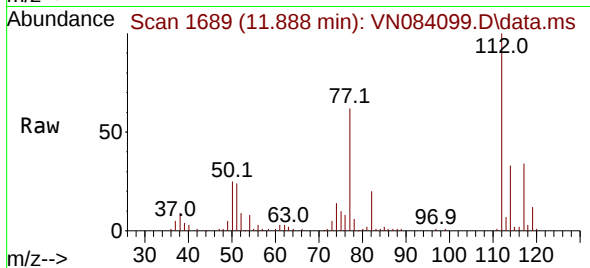
ClientSampleId :

Tgt Ion:112 Resp: 96314

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.064 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

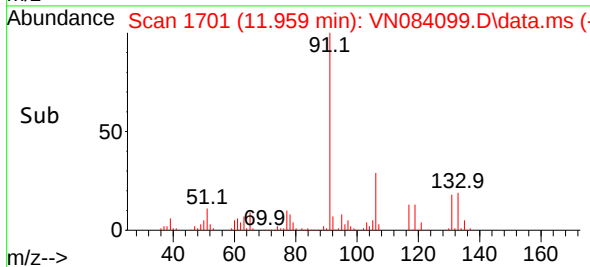
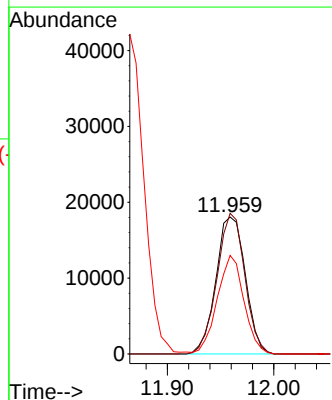
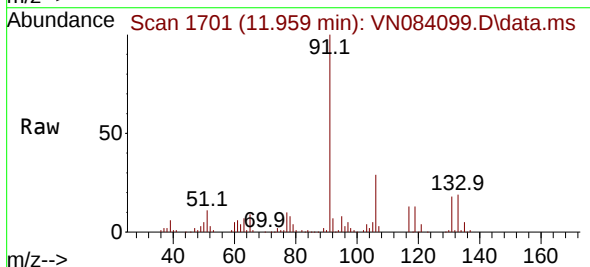
Tgt Ion:131 Resp: 34608

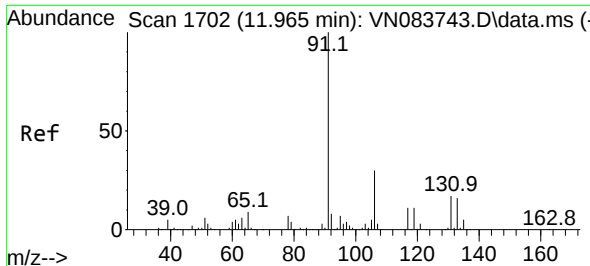
Ion Ratio Lower Upper

131 100

133 97.1 47.5 142.6

119 65.2 31.6 94.8

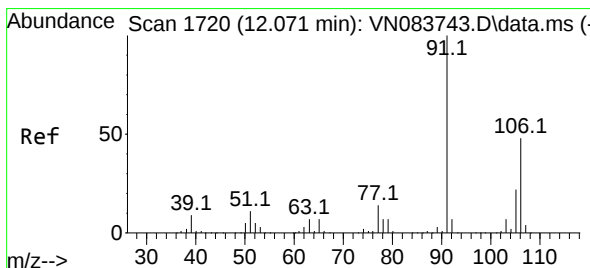
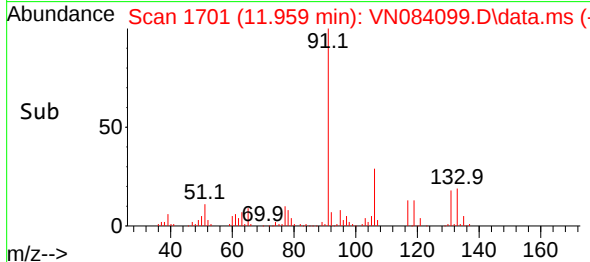
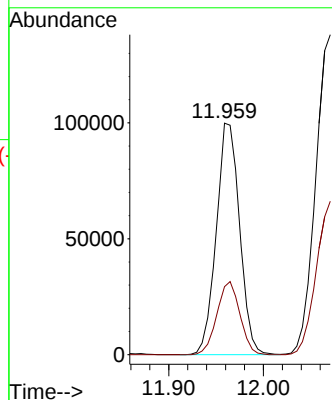
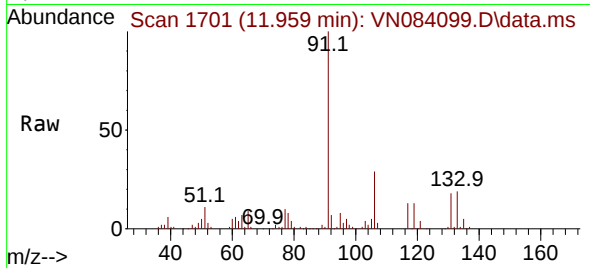




#67
Ethyl Benzene
Concen: 18.392 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

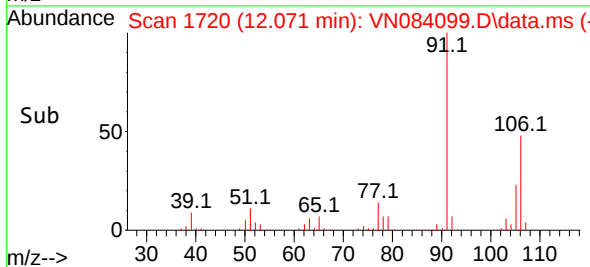
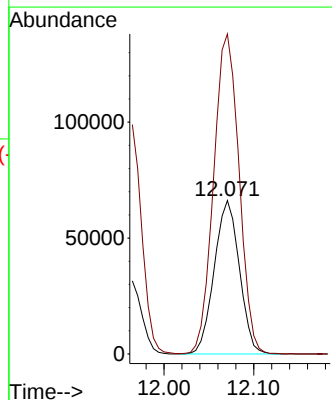
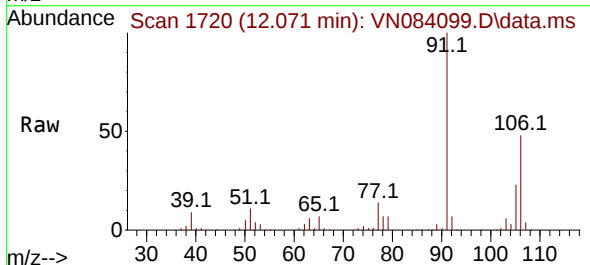
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 171089
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 37.246 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion:106 Resp: 128638
Ion Ratio Lower Upper
106 100
91 211.2 169.2 253.8





#69

o-Xylene

Concen: 18.269 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

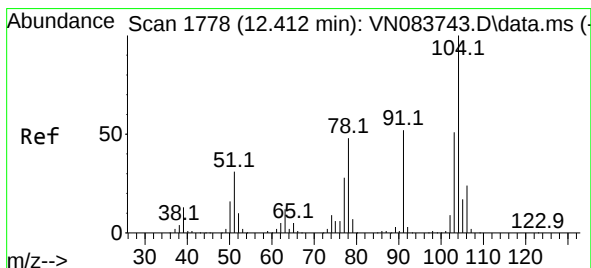
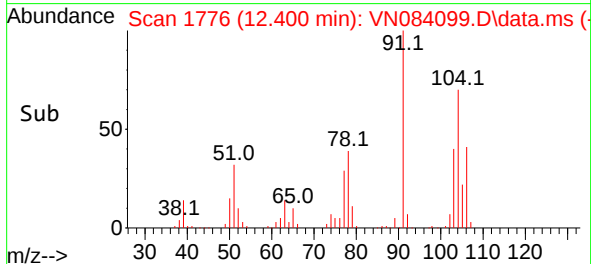
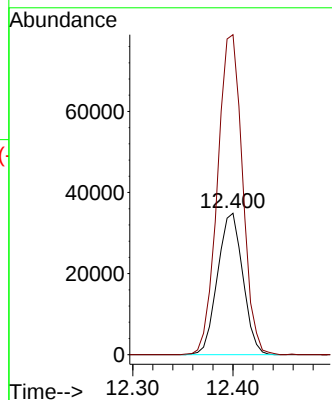
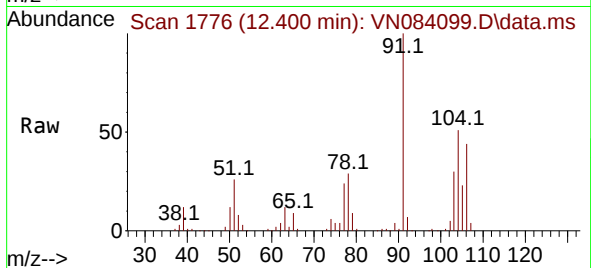
ClientSampleId :

Tgt Ion:106 Resp: 61080

Ion Ratio Lower Upper

106 100

91 223.8 112.9 338.6



#70

Styrene

Concen: 19.308 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

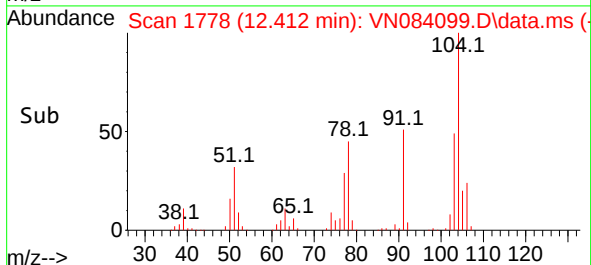
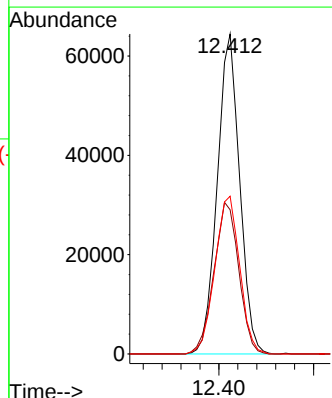
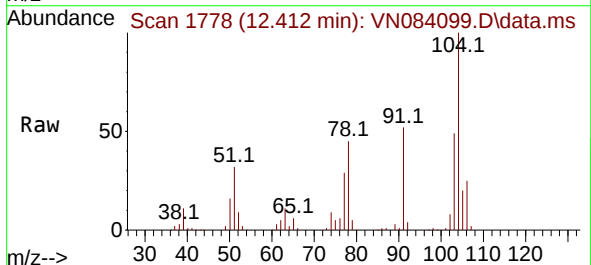
Tgt Ion:104 Resp: 105945

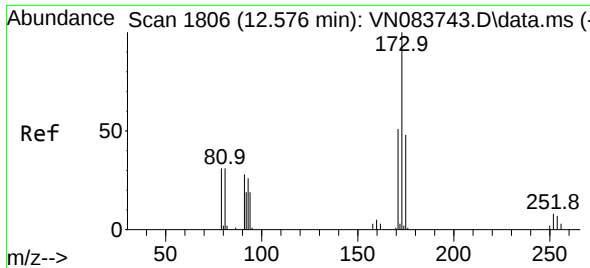
Ion Ratio Lower Upper

104 100

78 52.4 43.3 64.9

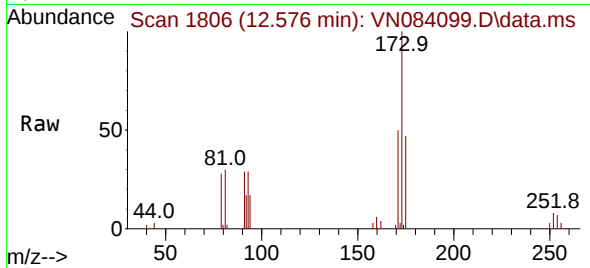
103 54.5 43.4 65.2



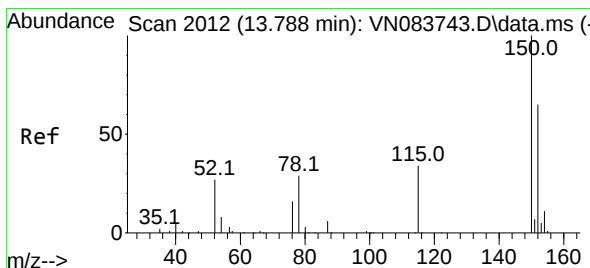
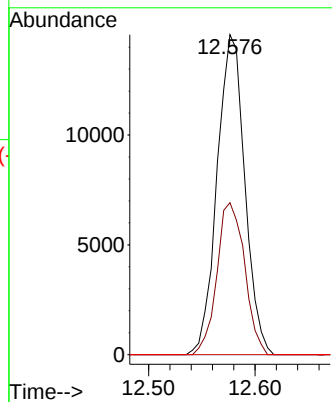
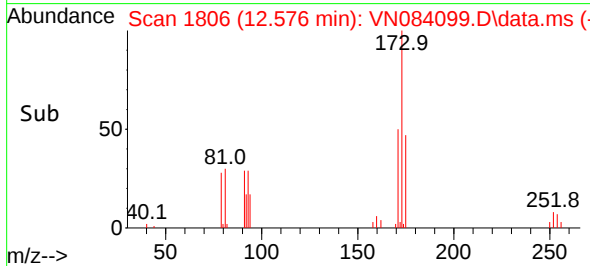


#71
Bromoform
Concen: 21.497 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

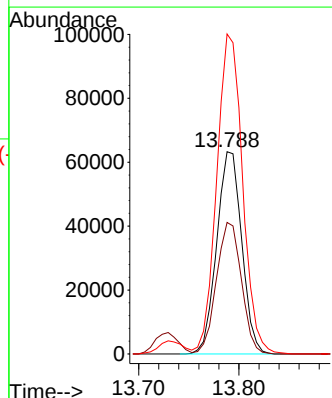
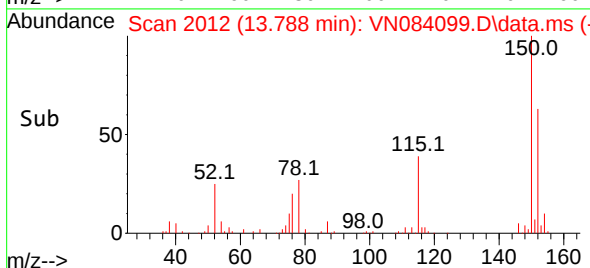
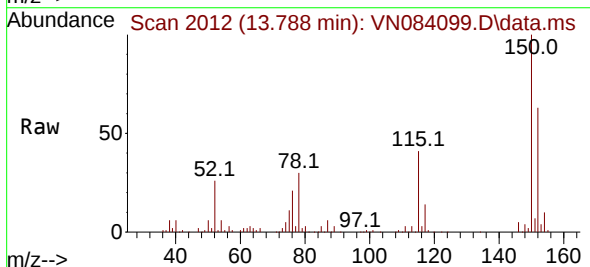


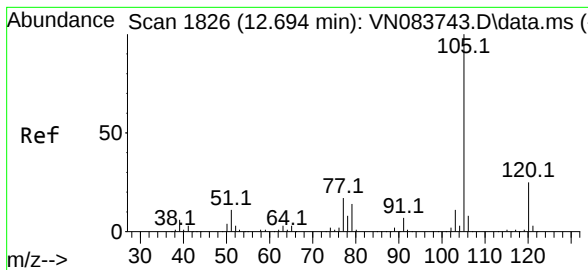
Tgt Ion:173 Resp: 26298
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion:152 Resp: 109606
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 163.6 0.0 348.6





#73

Isopropylbenzene

Concen: 19.008 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

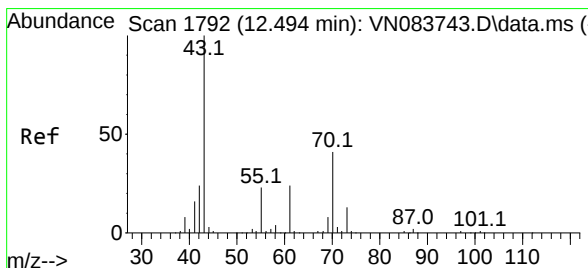
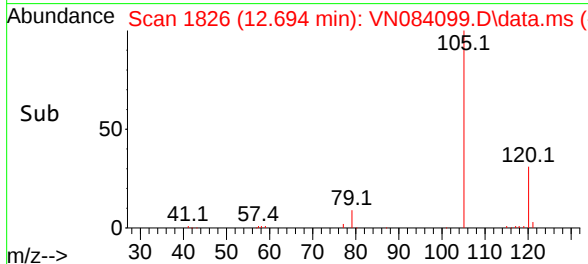
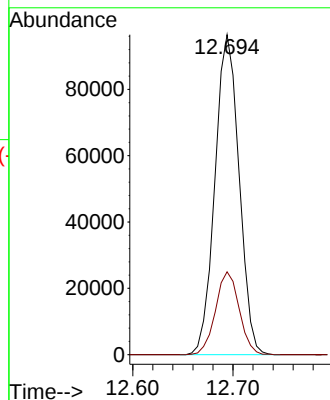
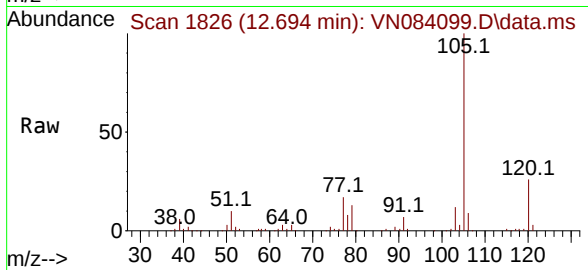
ClientSampleId :

Tgt Ion:105 Resp: 161184

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 20.172 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Tgt Ion: 43 Resp: 72983

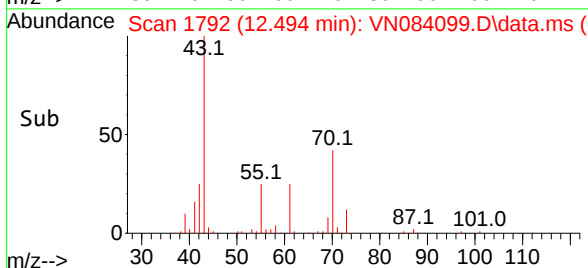
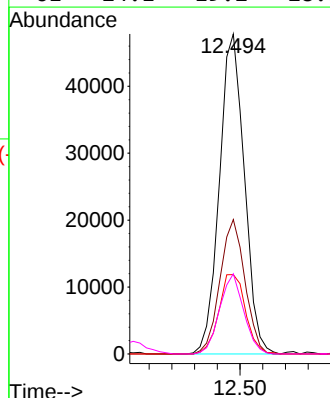
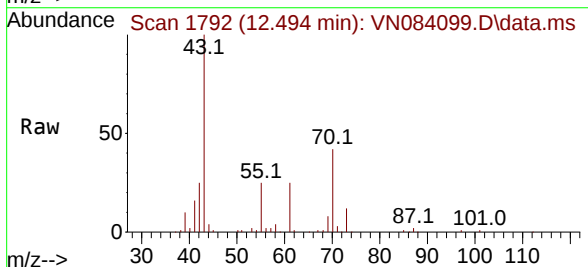
Ion Ratio Lower Upper

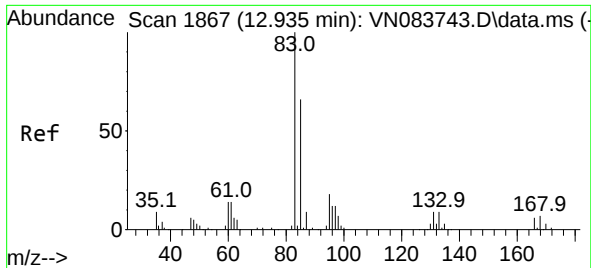
43 100

70 41.9 34.5 51.7

55 26.6 18.6 28.0

61 24.1 19.2 28.8

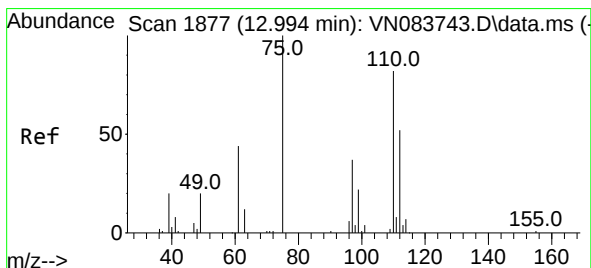
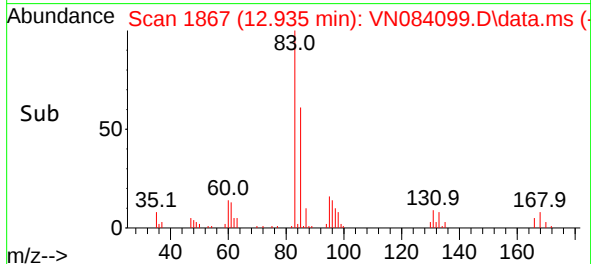
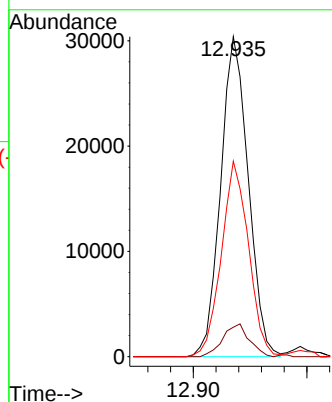
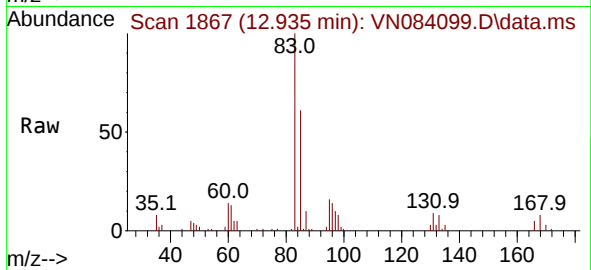




#75
1,1,2,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

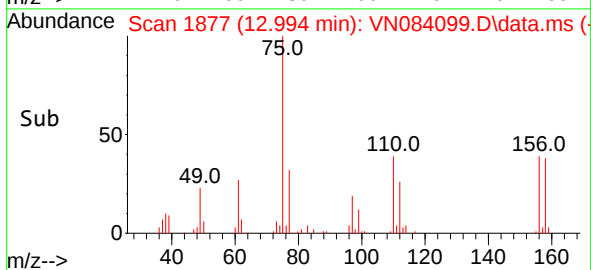
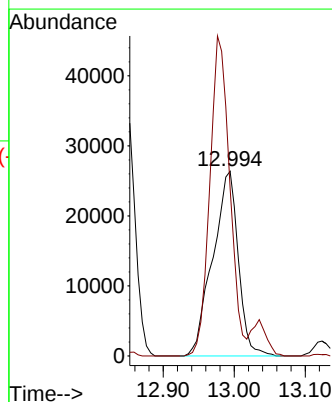
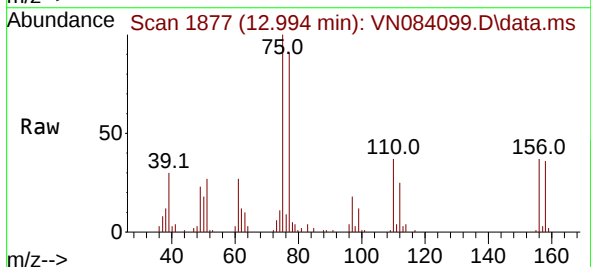
Instrument :
MSVOA_N
ClientSampleId :

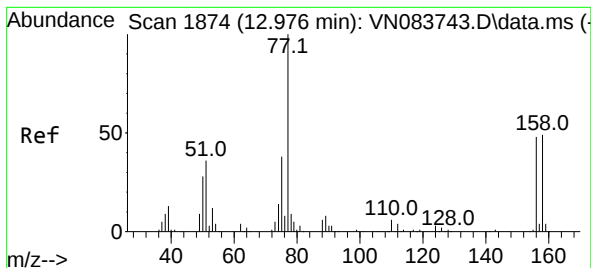
Tgt Ion: 83 Resp: 51325
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 60.1 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 29.665 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 75 Resp: 65607
Ion Ratio Lower Upper
75 100
77 135.7 95.2 285.6





#77

Bromobenzene

Concen: 18.026 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

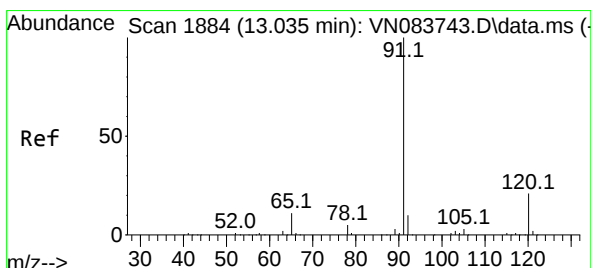
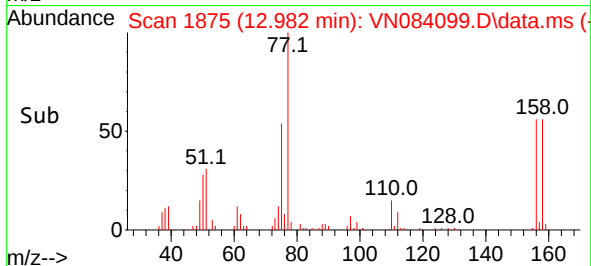
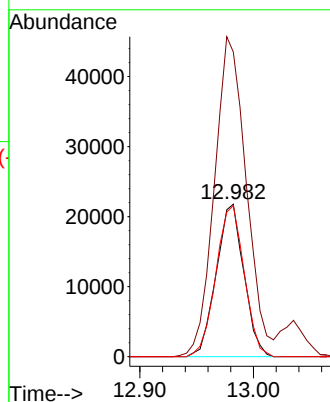
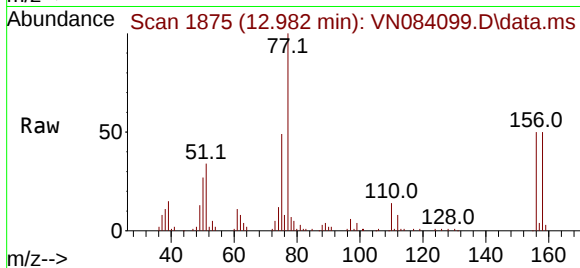
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:156 Resp: 36794

Ion	Ratio	Lower	Upper
156	100		
77	241.9	114.3	343.1
158	101.3	48.9	146.7



#78

n-propylbenzene

Concen: 19.260 ug/l

RT: 13.035 min Scan# 1884

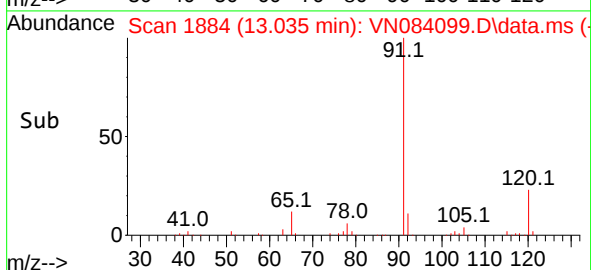
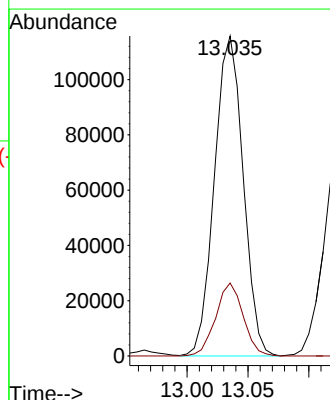
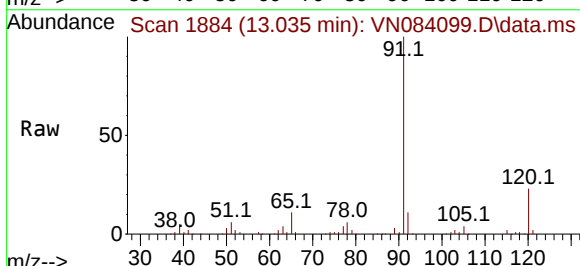
Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Tgt Ion: 91 Resp: 190030

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0

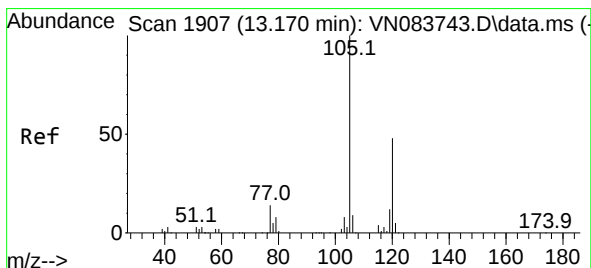
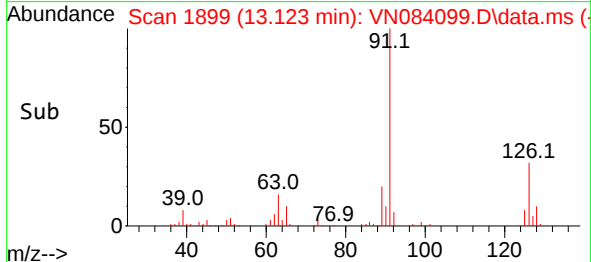
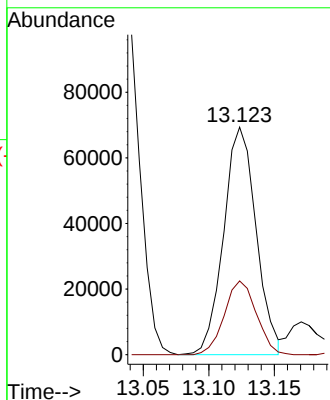
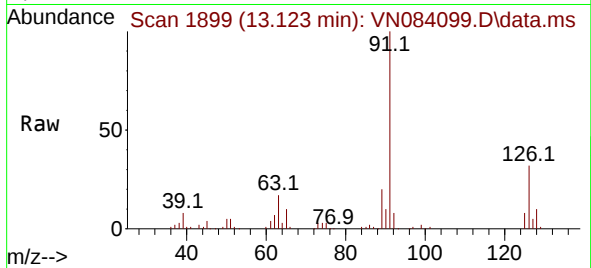




#79
2-Chlorotoluene
Concen: 19.026 ug/l
RT: 13.123 min Scan# 119717
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

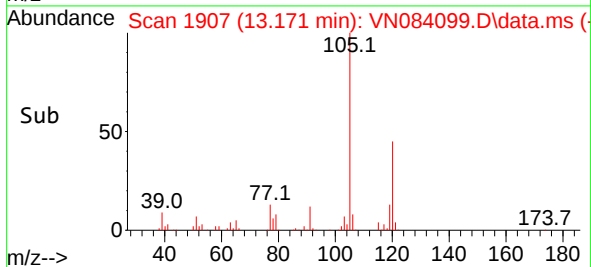
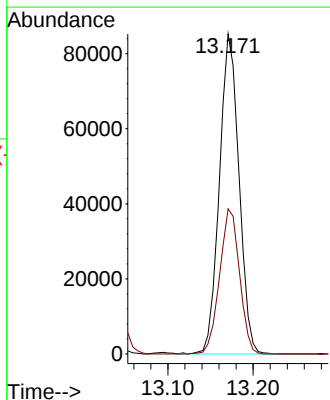
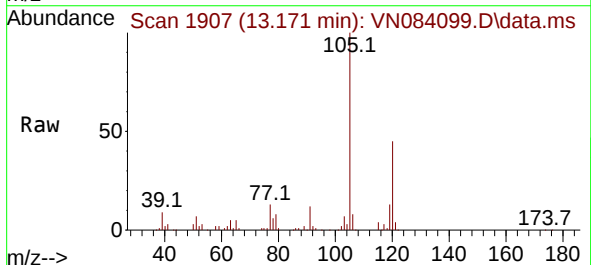
Instrument :
MSVOA_N
ClientSampleId :

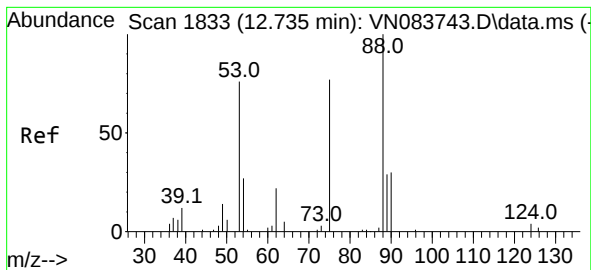
Tgt Ion: 91 Resp: 119717
Ion Ratio Lower Upper
91 100
126 31.8 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 19.004 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion:105 Resp: 135868
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3

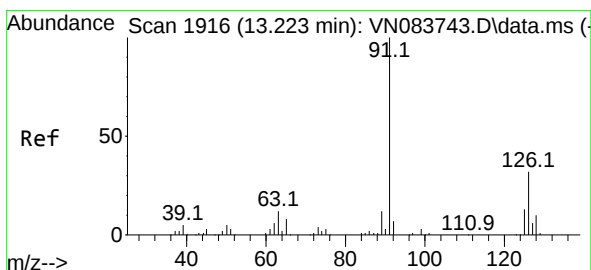
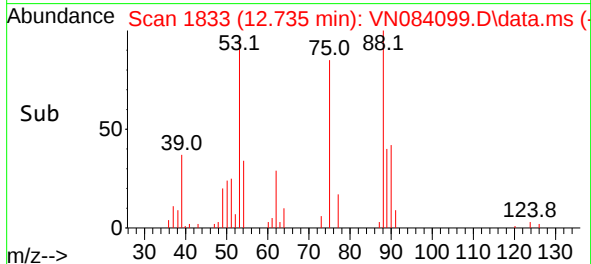
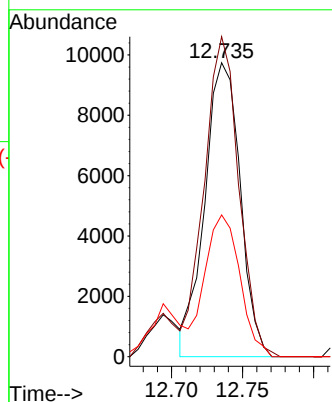
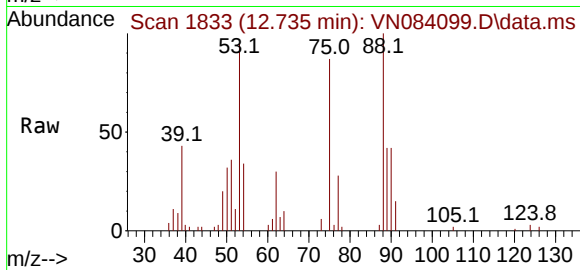




#81
trans-1,4-Dichloro-2-butene
Concen: 20.048 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

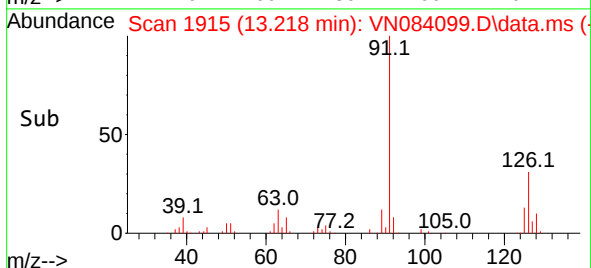
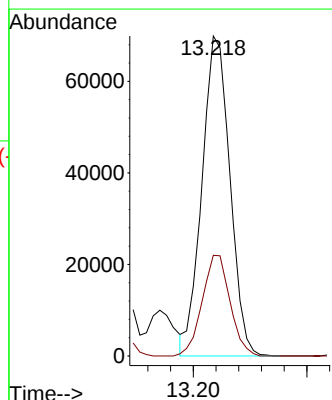
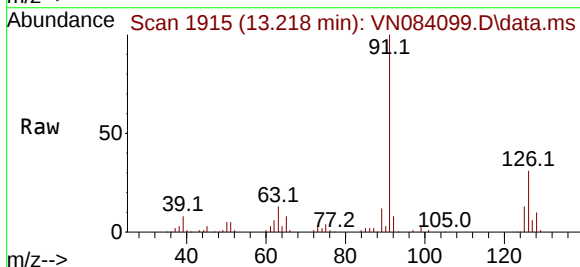
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 16929
Ion Ratio Lower Upper
75 100
53 106.3 81.2 121.8
89 47.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 18.896 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 91 Resp: 119317
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.2





#83

tert-Butylbenzene

Concen: 18.694 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

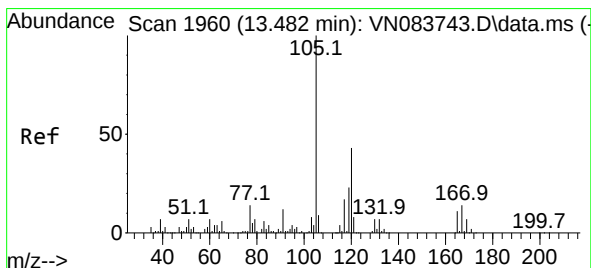
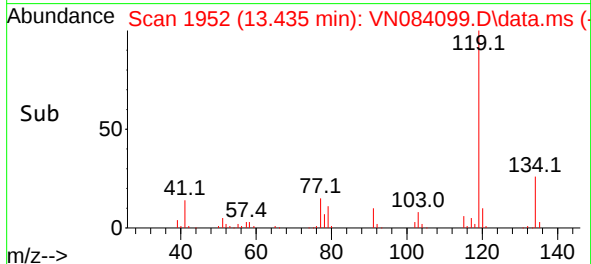
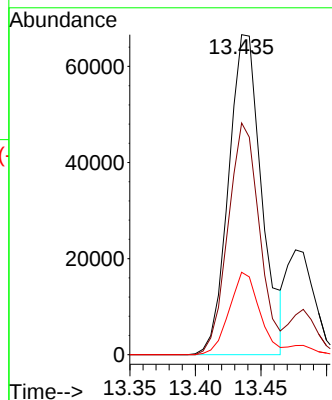
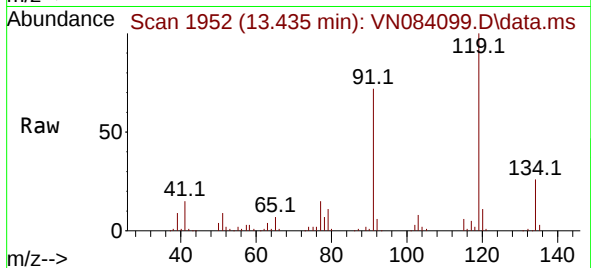
Tgt Ion:119 Resp: 116927

Ion Ratio Lower Upper

119 100

91 69.1 34.5 103.6

134 24.1 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 18.987 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084099.D

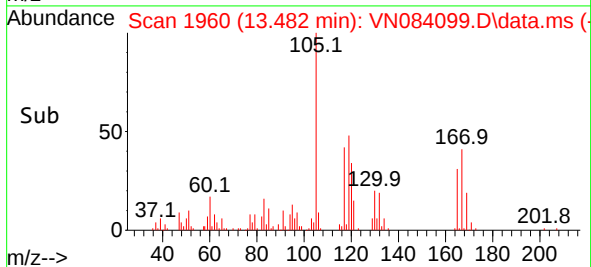
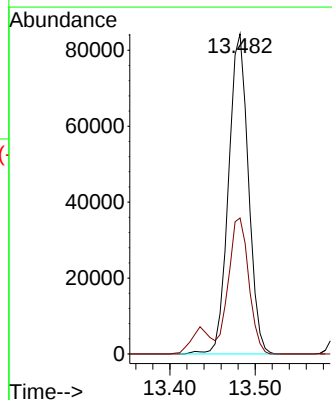
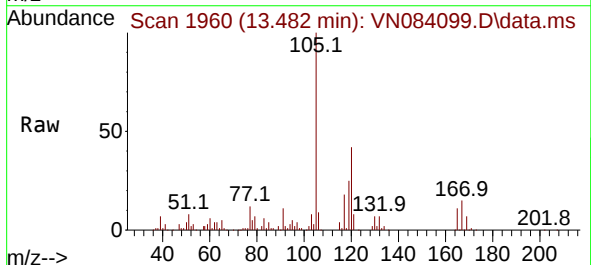
Acq: 23 Sep 2024 10:31

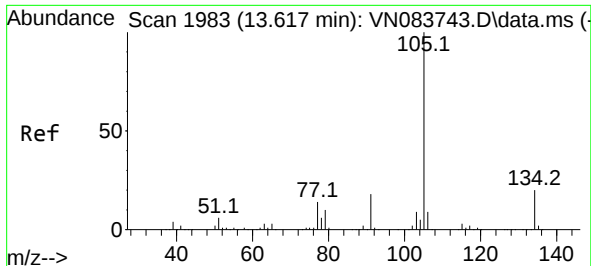
Tgt Ion:105 Resp: 136357

Ion Ratio Lower Upper

105 100

120 43.3 21.8 65.4

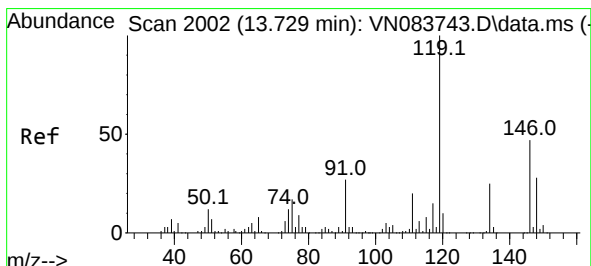
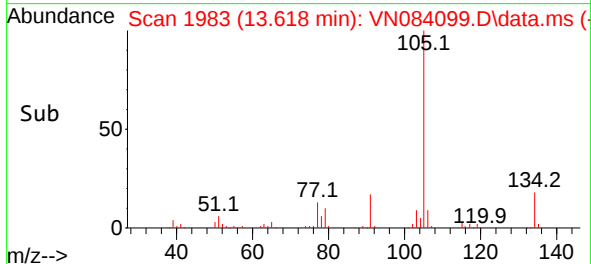
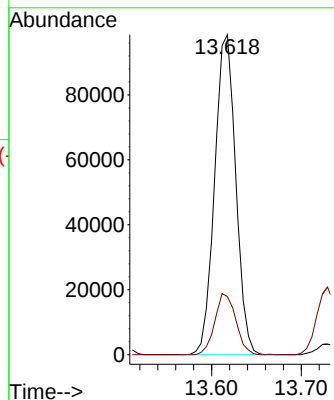
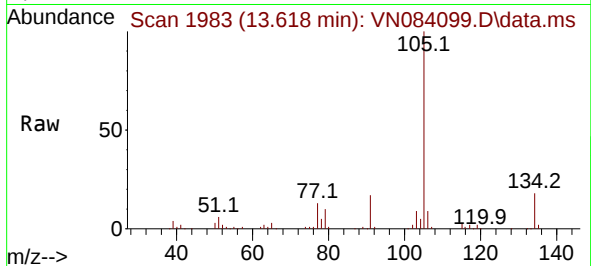




#85
sec-Butylbenzene
Concen: 19.393 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

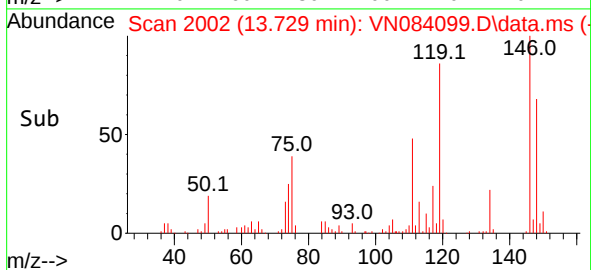
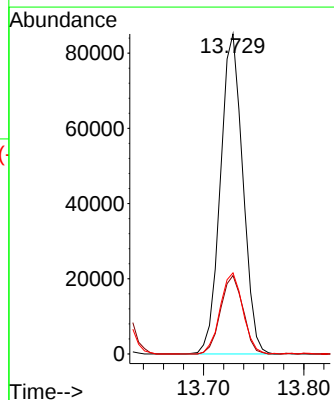
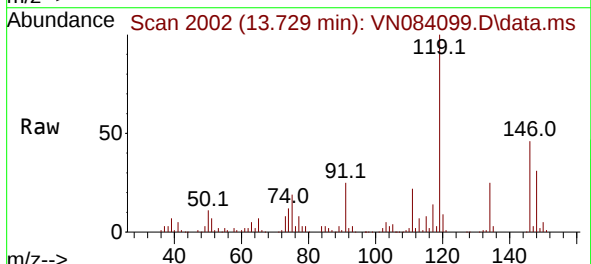
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 160869
Ion Ratio Lower Upper
105 100
134 19.0 9.7 29.1



#86
p-Isopropyltoluene
Concen: 18.949 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion:119 Resp: 131767
Ion Ratio Lower Upper
119 100
134 24.5 12.8 38.3
91 25.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 18.109 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

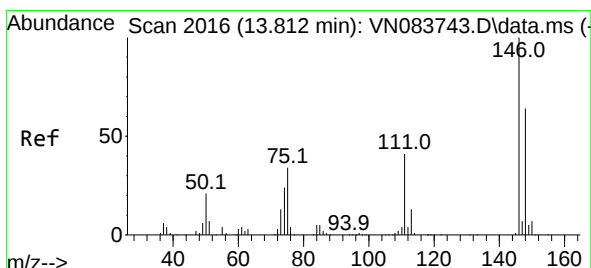
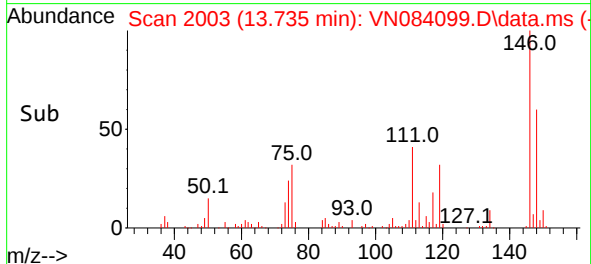
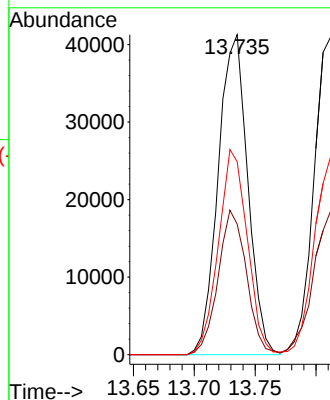
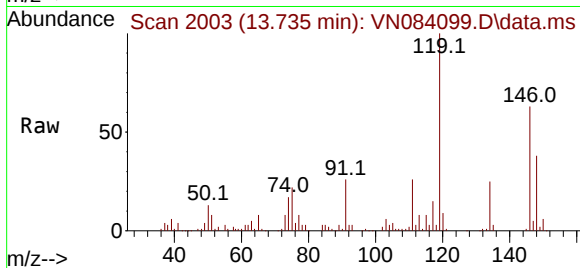
Tgt Ion:146 Resp: 69760

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 17.657 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

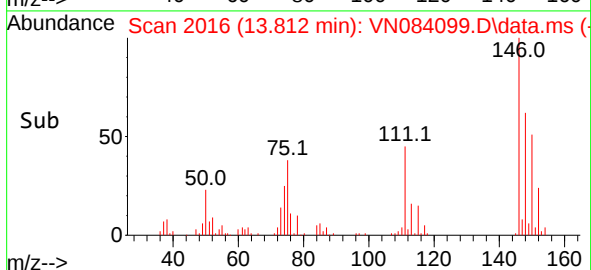
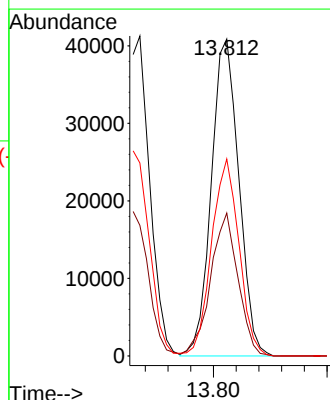
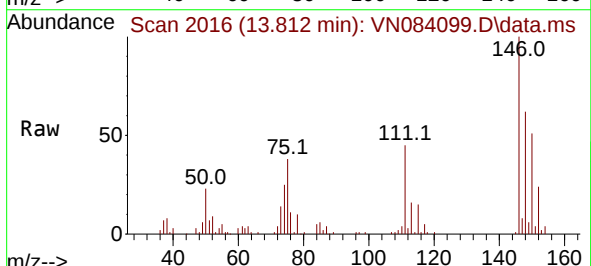
Tgt Ion:146 Resp: 68874

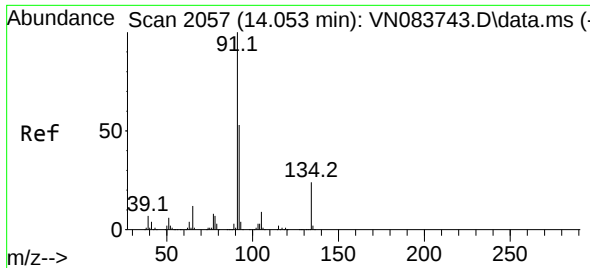
Ion Ratio Lower Upper

146 100

111 45.0 21.3 64.0

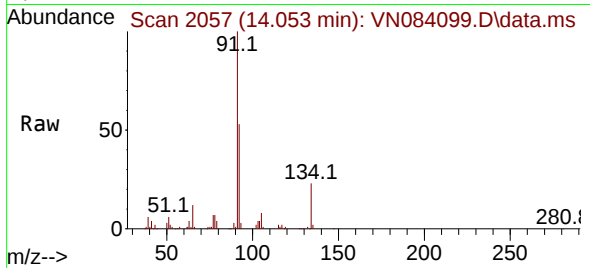
148 61.9 32.0 96.2



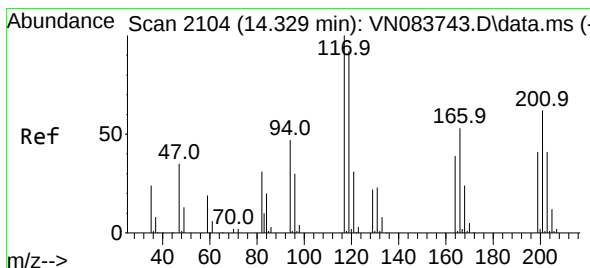
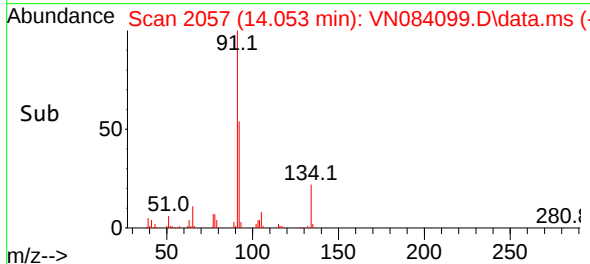
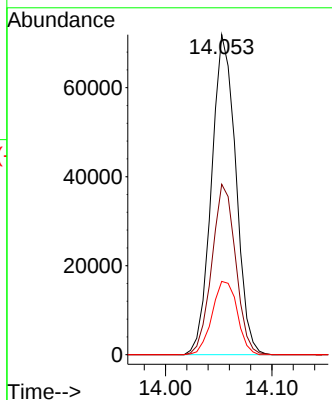


#89
n-Butylbenzene
Concen: 18.207 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

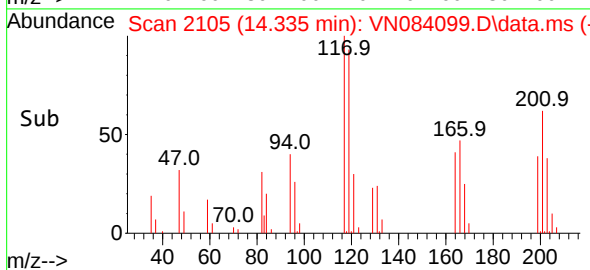
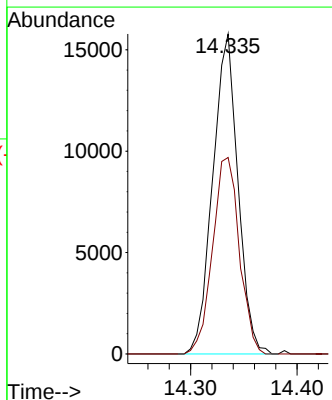
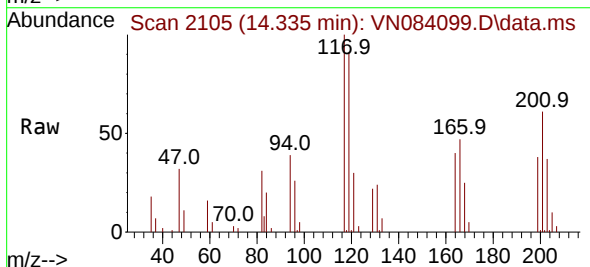


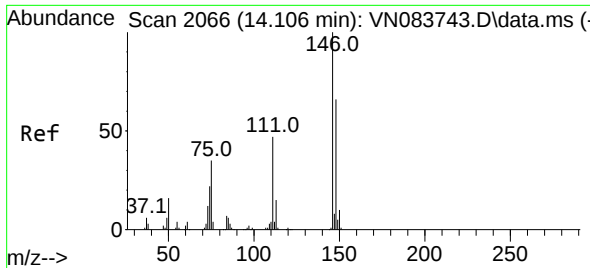
Tgt Ion: 91 Resp: 113675
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 23.7 12.2 36.4



#90
Hexachloroethane
Concen: 18.521 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

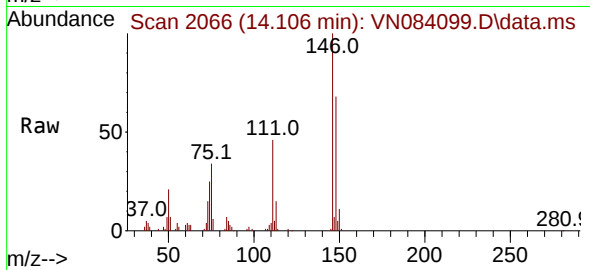
Tgt Ion: 117 Resp: 25889
Ion Ratio Lower Upper
117 100
201 65.1 32.8 98.3



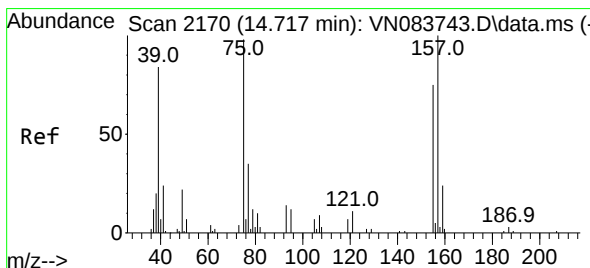
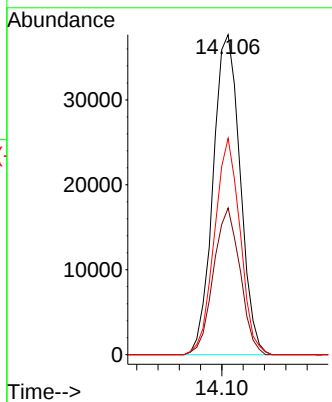
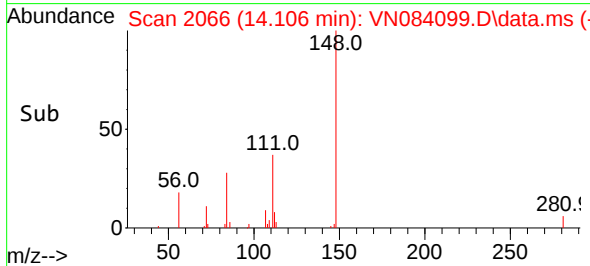


#91
1,2-Dichlorobenzene
Concen: 17.858 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :

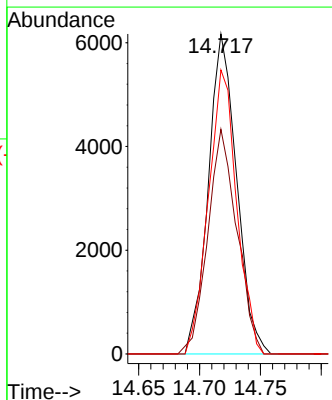
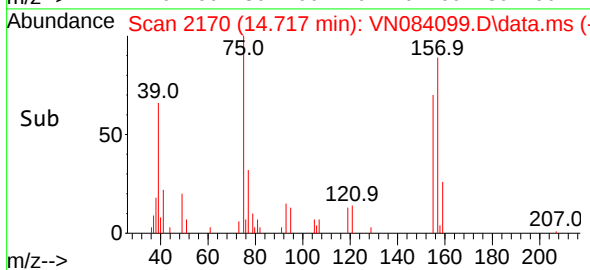
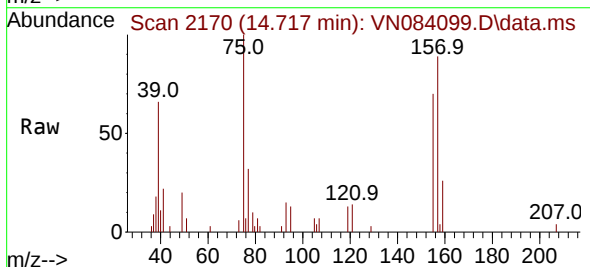


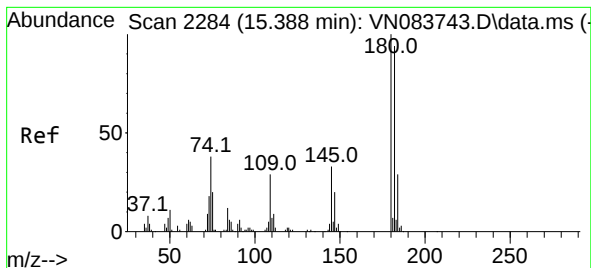
Tgt Ion:146 Resp: 66391
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 64.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.118 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084099.D
Acq: 23 Sep 2024 10:31

Tgt Ion: 75 Resp: 9992
Ion Ratio Lower Upper
75 100
155 72.2 35.9 107.7
157 88.8 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 16.740 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

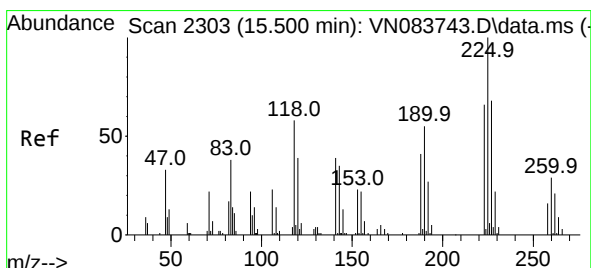
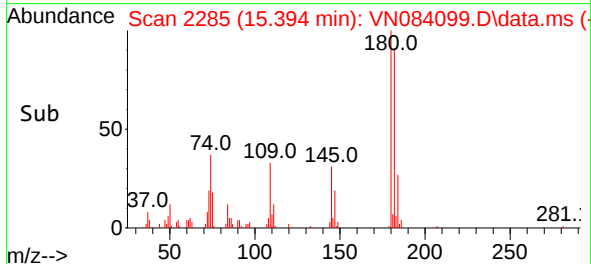
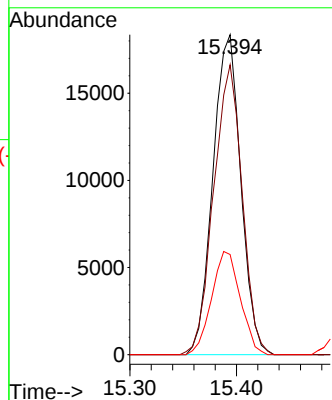
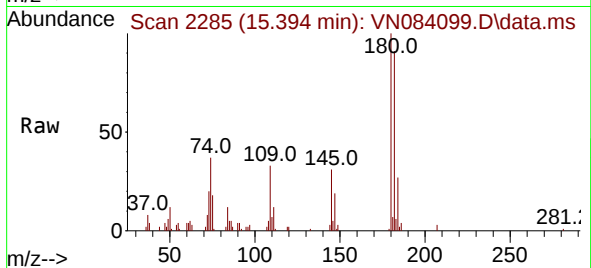
Tgt Ion:180 Resp: 33397

Ion Ratio Lower Upper

180 100

182 92.4 48.1 144.3

145 33.1 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.263 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

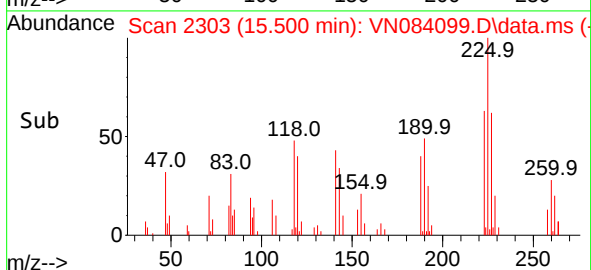
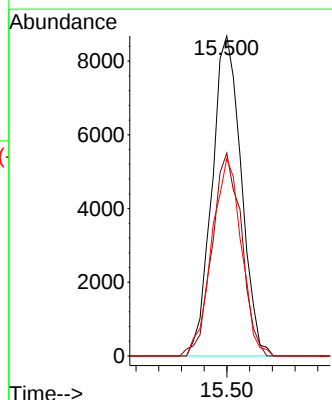
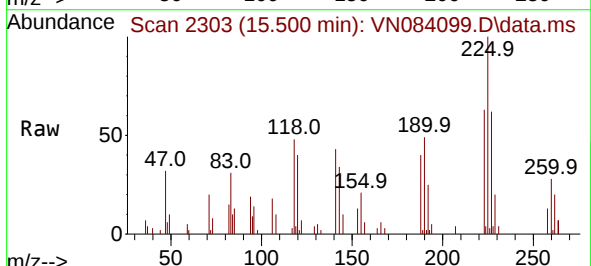
Tgt Ion:225 Resp: 15473

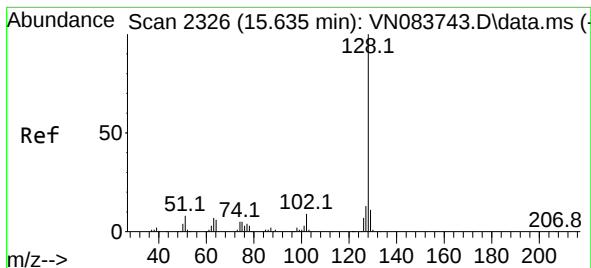
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

227 62.7 32.0 96.2





#95

Naphthalene

Concen: 17.182 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

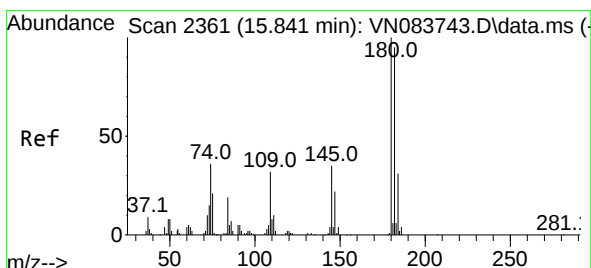
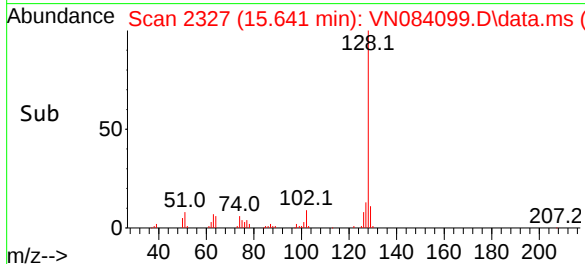
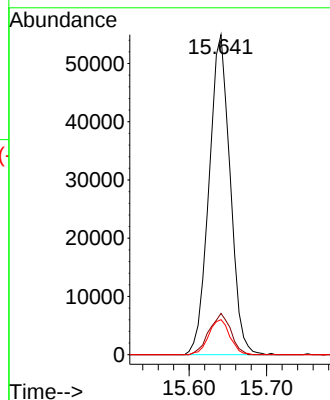
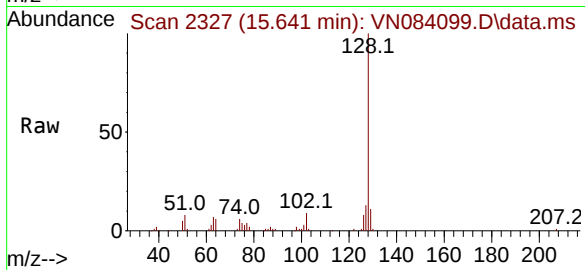
Tgt Ion:128 Resp: 104289

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.640 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084099.D

Acq: 23 Sep 2024 10:31

Tgt Ion:180 Resp: 33634

Ion Ratio Lower Upper

180 100

182 91.8 47.1 141.4

145 33.9 17.8 53.5

