

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083765.D
 Acq On : 11 Sep 2024 02:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 11 05:15:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112001	48.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.000%
35) Dibromofluoromethane	8.159	113	79958	46.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	10.565	98	293804	49.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.847	95	115936	47.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86224	48.479	ug/l	99
3) Chloromethane	2.359	50	89056	48.996	ug/l	99
4) Vinyl Chloride	2.512	62	92460	47.428	ug/l	99
5) Bromomethane	2.901	94	50746	45.337	ug/l	98
6) Chloroethane	3.065	64	61280	45.310	ug/l	93
7) Trichlorofluoromethane	3.465	101	156862	47.402	ug/l	100
8) Diethyl Ether	3.953	74	52260	47.112	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.353	101	81627	46.538	ug/l	98
10) Methyl Iodide	4.577	142	108474	48.627	ug/l	94
11) Tert butyl alcohol	5.542	59	72873	235.657	ug/l	99
12) 1,1-Dichloroethene	4.324	96	79119	47.764	ug/l	100
13) Acrolein	4.171	56	69182	226.744	ug/l	100
14) Allyl chloride	5.012	41	137383	46.545	ug/l	98
15) Acrylonitrile	5.718	53	201756	239.911	ug/l	100
16) Acetone	4.430	43	171313	185.057	ug/l	99
17) Carbon Disulfide	4.695	76	207881	44.864	ug/l	100
18) Methyl Acetate	5.018	43	99203	51.488	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	288066	48.058	ug/l	99
20) Methylene Chloride	5.265	84	89291	47.135	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	82029	46.208	ug/l	89
22) Diisopropyl ether	6.665	45	299797	49.341	ug/l	97
23) Vinyl Acetate	6.600	43	1109966	249.457	ug/l	99
24) 1,1-Dichloroethane	6.559	63	167087	47.732	ug/l	99
25) 2-Butanone	7.483	43	268321	220.527	ug/l	99
26) 2,2-Dichloropropane	7.489	77	117774	36.534	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	101347	48.092	ug/l	98
28) Bromochloromethane	7.806	49	73918	50.143	ug/l	96
29) Tetrahydrofuran	7.836	42	171909	238.948	ug/l	100
30) Chloroform	7.965	83	180246	48.502	ug/l	95
31) Cyclohexane	8.253	56	149621	44.830	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	166286	48.663	ug/l	99
36) 1,1-Dichloropropene	8.365	75	119551	45.975	ug/l	99
37) Ethyl Acetate	7.559	43	114929	48.692	ug/l	98
38) Carbon Tetrachloride	8.359	117	144061	48.833	ug/l	100
39) Methylcyclohexane	9.594	83	138433	46.770	ug/l	99
40) Benzene	8.600	78	367729	46.984	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66969	47.971	ug/l	98
42) 1,2-Dichloroethane	8.665	62	140360	47.993	ug/l	99
43) Isopropyl Acetate	8.688	43	213956	50.022	ug/l	99
44) Trichloroethene	9.347	130	83904	46.293	ug/l	93
45) 1,2-Dichloropropane	9.618	63	90815	48.008	ug/l	95
46) Dibromomethane	9.706	93	63351	47.812	ug/l	99
47) Bromodichloromethane	9.888	83	142030	49.530	ug/l	96
48) Methyl methacrylate	9.677	41	101170	49.855	ug/l	97
49) 1,4-Dioxane	9.694	88	31684	949.098	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	571894	245.624	ug/l	98
52) Toluene	10.629	92	228952	47.824	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	134631	46.319	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	142029	46.518	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	84403	47.224	ug/l	99
56) Ethyl methacrylate	10.871	69	139714	50.809	ug/l	97
57) 1,3-Dichloropropane	11.159	76	147275	47.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	237257	239.457	ug/l	97
59) 2-Hexanone	11.194	43	413722	240.212	ug/l	98
60) Dibromochloromethane	11.359	129	99369	49.679	ug/l	99
61) 1,2-Dibromoethane	11.471	107	85356	47.887	ug/l	96
64) Tetrachloroethene	11.100	164	71833	45.871	ug/l	96
65) Chlorobenzene	11.888	112	237946	45.465	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	87431	48.189	ug/l	99
67) Ethyl Benzene	11.959	91	447153	48.096	ug/l	98
68) m/p-Xylenes	12.071	106	330024	95.613	ug/l	99
69) o-Xylene	12.394	106	161763	48.411	ug/l	100
70) Styrene	12.412	104	272058	49.611	ug/l	100
71) Bromoform	12.576	173	62377	51.020	ug/l #	99
73) Isopropylbenzene	12.694	105	425575	48.530	ug/l	99
74) N-amyl acetate	12.494	43	187531	50.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	122393	47.502	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	155392	67.942	ug/l	66
77) Bromobenzene	12.982	156	93689	44.384	ug/l	98
78) n-propylbenzene	13.035	91	488451	47.872	ug/l	99
79) 2-Chlorotoluene	13.123	91	305317	46.921	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	355737	48.116	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	38617	44.222	ug/l	95
82) 4-Chlorotoluene	13.218	91	304001	46.555	ug/l	100
83) tert-Butylbenzene	13.435	119	317987	49.160	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	362404	48.797	ug/l	100
85) sec-Butylbenzene	13.612	105	422363	49.235	ug/l	99
86) p-Isopropyltoluene	13.729	119	354576	49.307	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	179058	44.947	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	179442	44.484	ug/l	99
89) n-Butylbenzene	14.053	91	292443	45.294	ug/l	99
90) Hexachloroethane	14.329	117	70234	48.586	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	179601	46.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25138	48.942	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	89632	43.444	ug/l	98
94) Hexachlorobutadiene	15.500	225	37917	43.276	ug/l	97
95) Naphthalene	15.641	128	293459	46.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88050	44.656	ug/l	99

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Response via : Initial Calibration

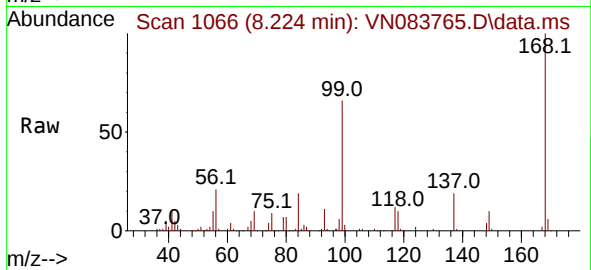
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

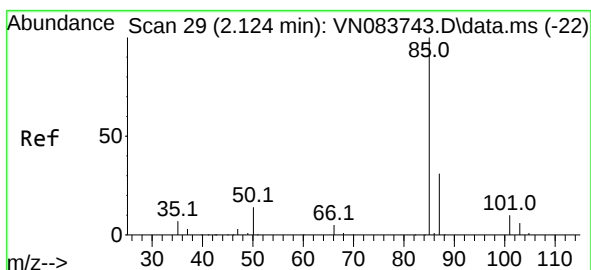
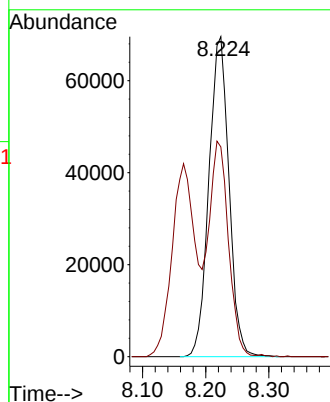
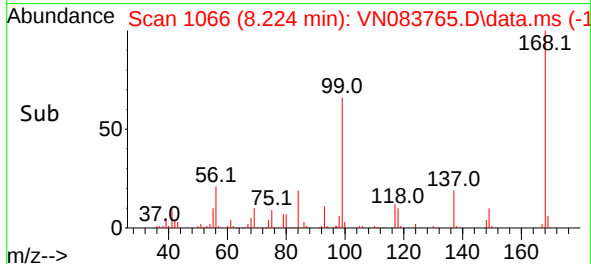


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083765.D
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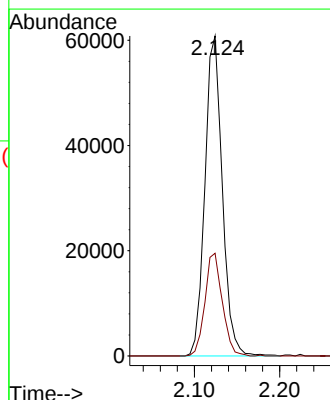
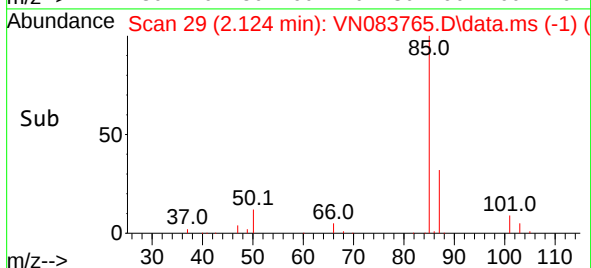
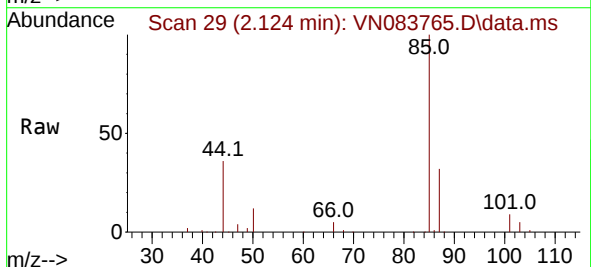


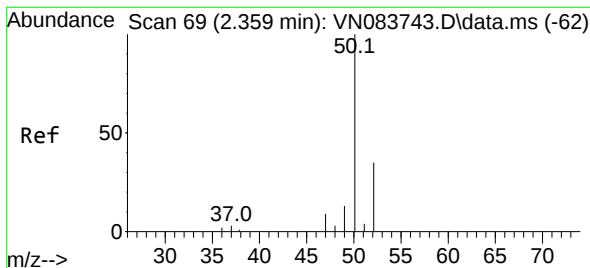
Tgt Ion:168 Resp: 153149
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 48.479 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 85 Resp: 86224
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3

Chloromethane

Concen: 48.996 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

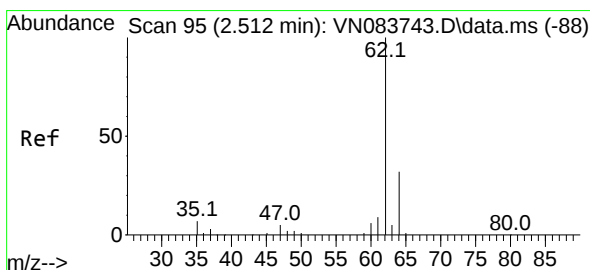
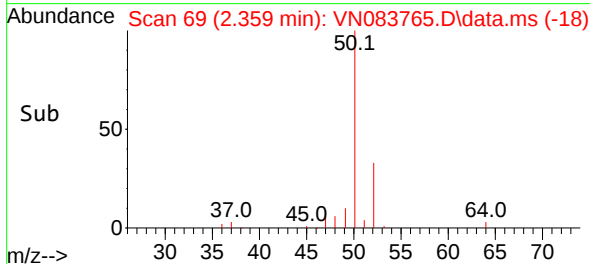
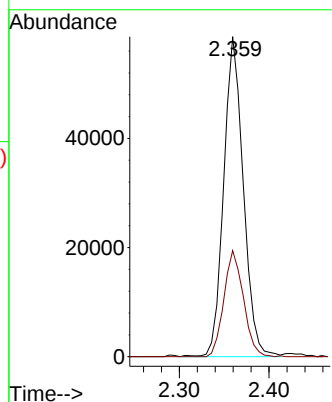
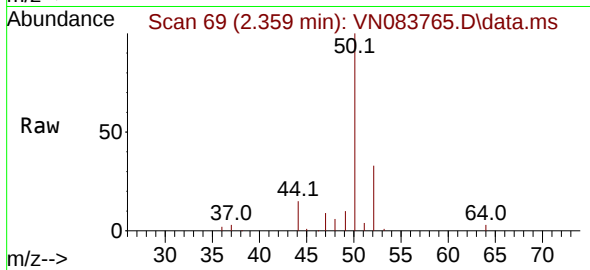
ClientSampleId :

Tgt Ion: 50 Resp: 89056

Ion Ratio Lower Upper

50 100

52 33.2 27.2 40.8



#4

Vinyl Chloride

Concen: 47.428 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083765.D

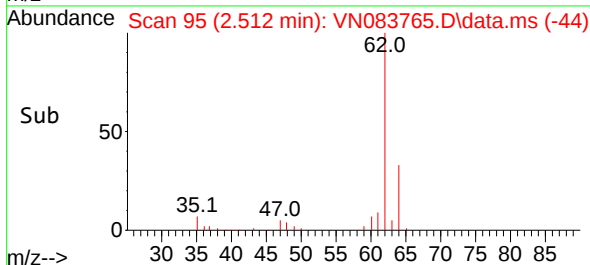
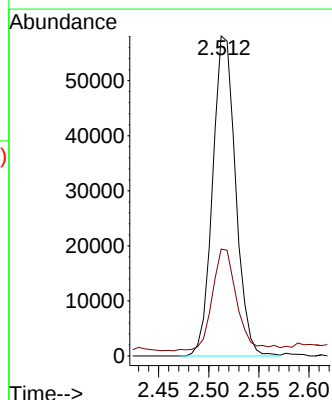
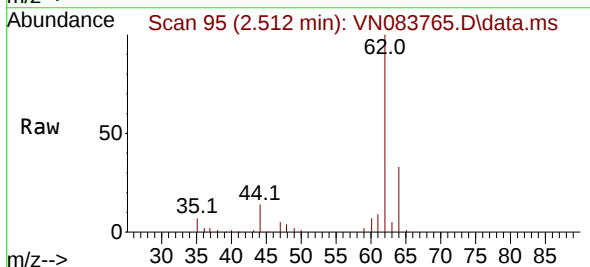
Acq: 11 Sep 2024 02:27

Tgt Ion: 62 Resp: 92460

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1

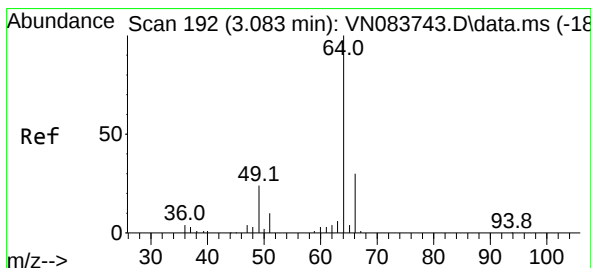
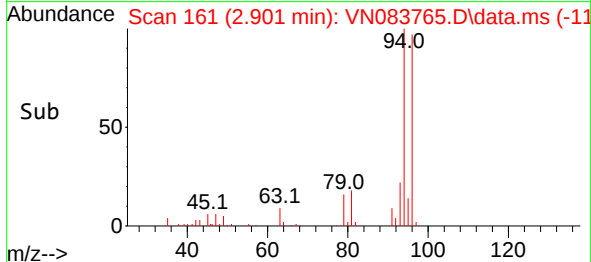
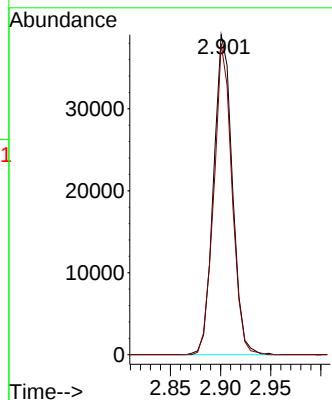
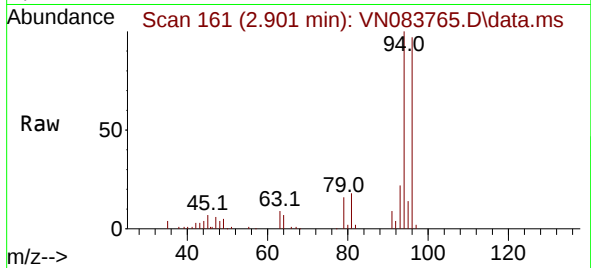




#5
Bromomethane
Concen: 45.337 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

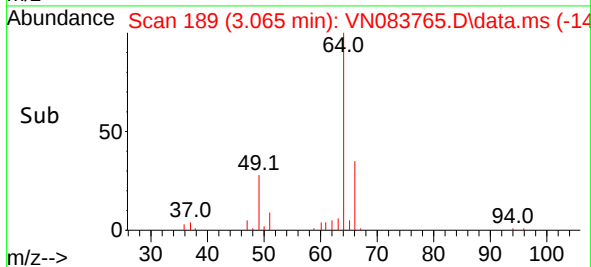
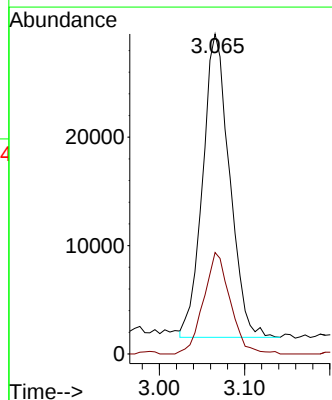
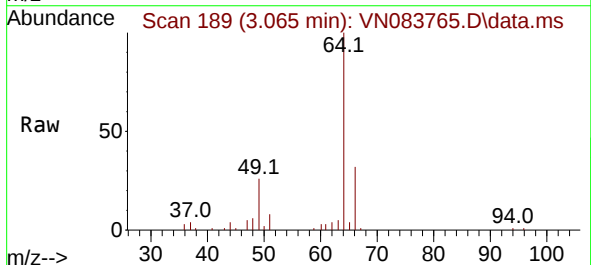
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 50746
Ion Ratio Lower Upper
94 100
96 97.2 76.0 114.0



#6
Chloroethane
Concen: 45.310 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.018 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 64 Resp: 61280
Ion Ratio Lower Upper
64 100
66 33.5 23.9 35.9

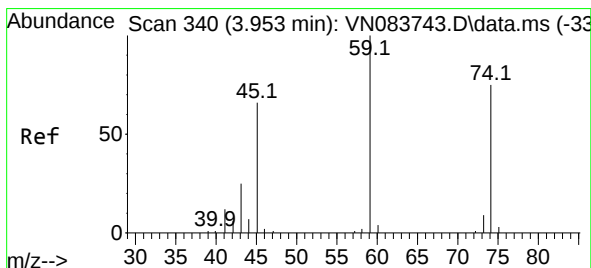
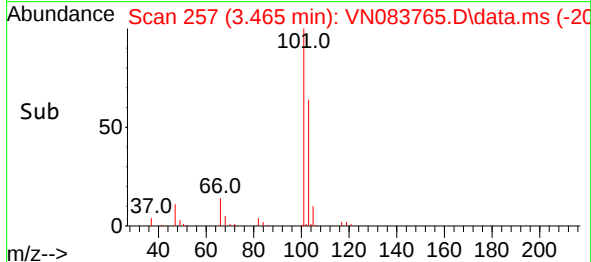
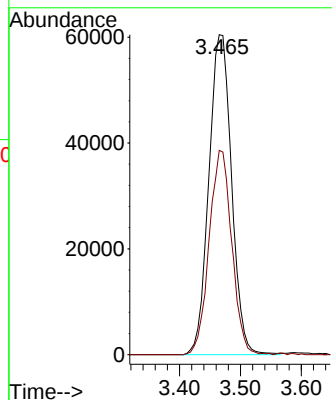
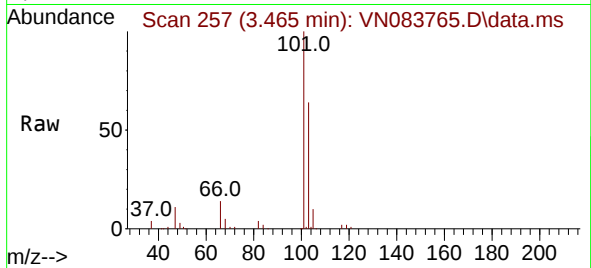




#7
 Trichlorofluoromethane
 Concen: 47.402 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

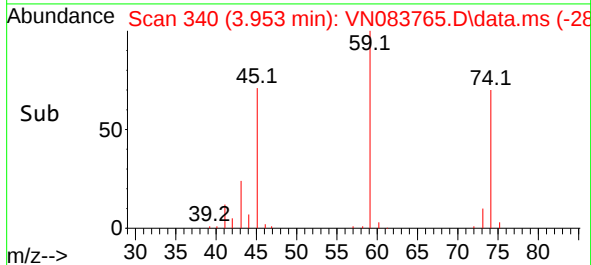
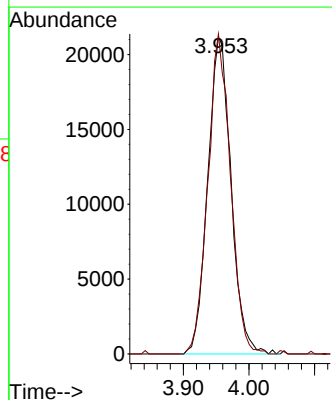
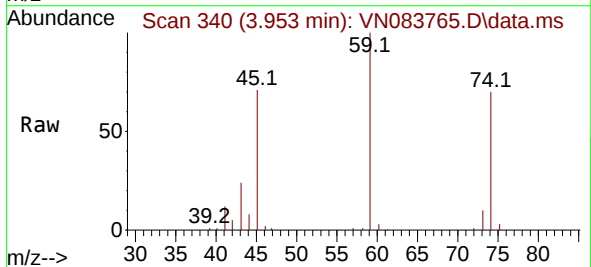
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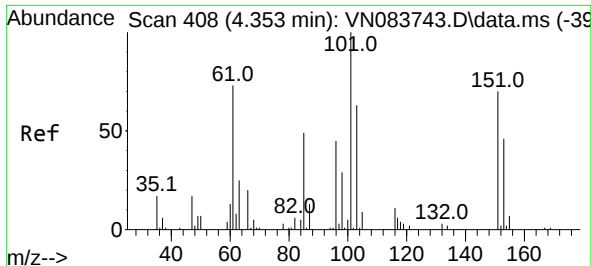
Tgt Ion:101 Resp: 156862
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.112 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

Tgt Ion: 74 Resp: 52260
 Ion Ratio Lower Upper
 74 100
 45 98.4 46.7 140.1

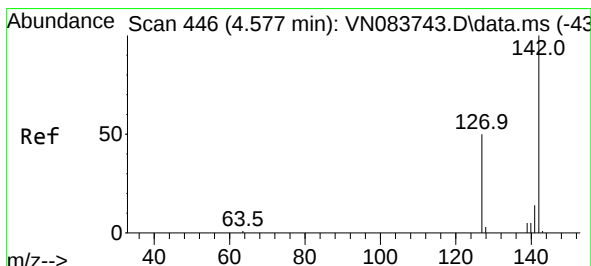
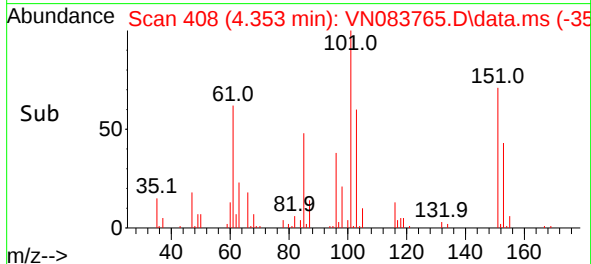
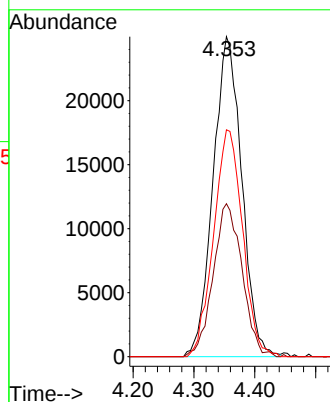
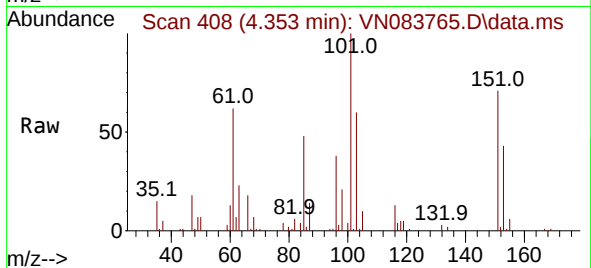




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.538 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083765.D
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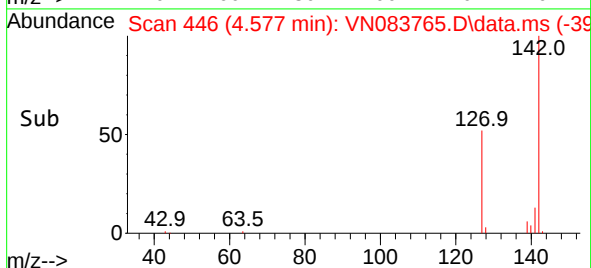
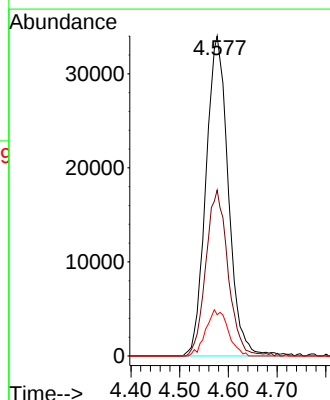
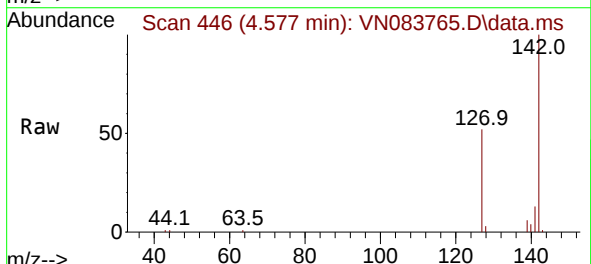
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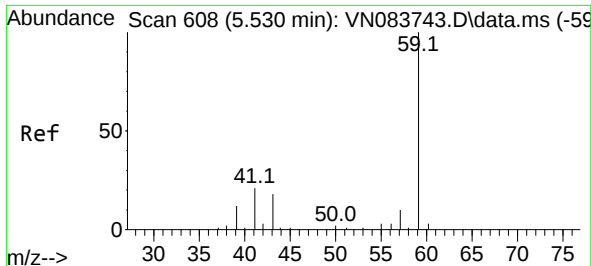
Tgt Ion:101 Resp: 81627
Ion Ratio Lower Upper
101 100
85 48.3 36.2 54.4
151 71.7 57.7 86.5



#10
Methyl Iodide
Concen: 48.627 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:142 Resp: 108474
Ion Ratio Lower Upper
142 100
127 51.9 37.5 56.3
141 12.9 11.0 16.4

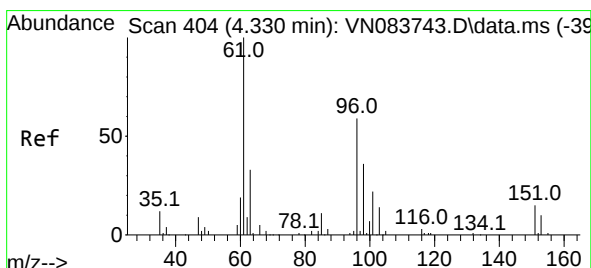
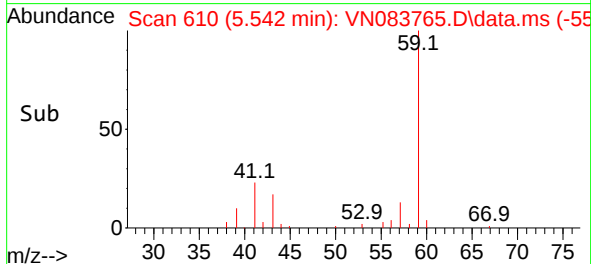
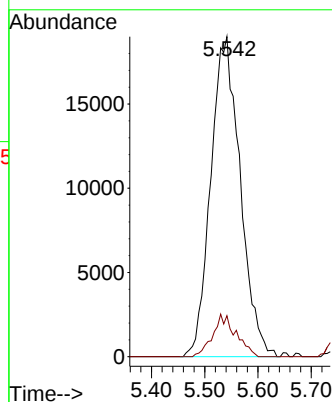
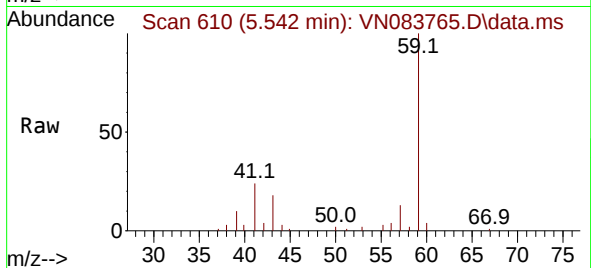




#11
Tert butyl alcohol
Concen: 235.657 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

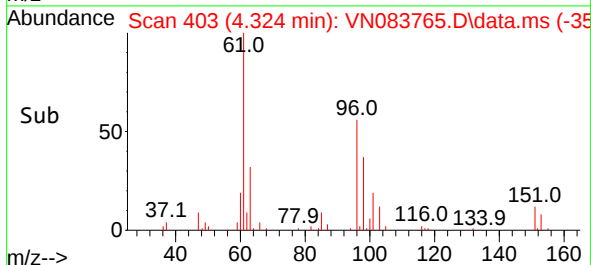
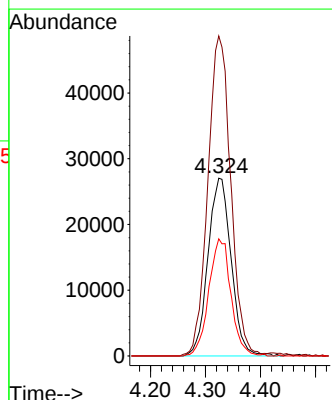
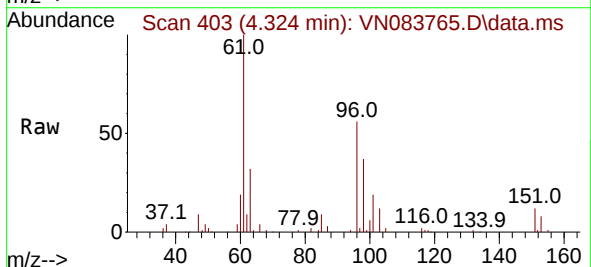
Instrument :
MSVOA_N
ClientSampleId :

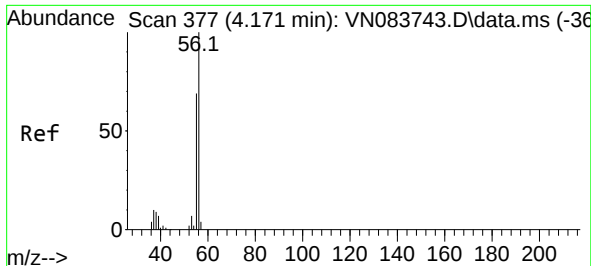
Tgt Ion: 59 Resp: 72873
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 47.764 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 96 Resp: 79119
Ion Ratio Lower Upper
96 100
61 180.0 143.4 215.0
98 65.9 52.7 79.1





#13

Acrolein

Concen: 226.744 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

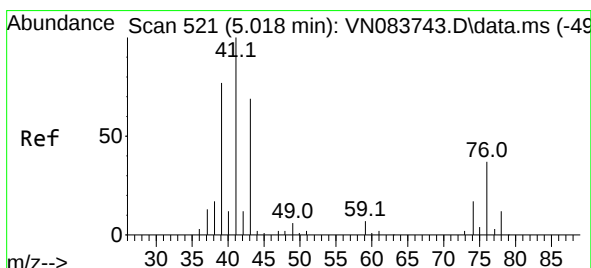
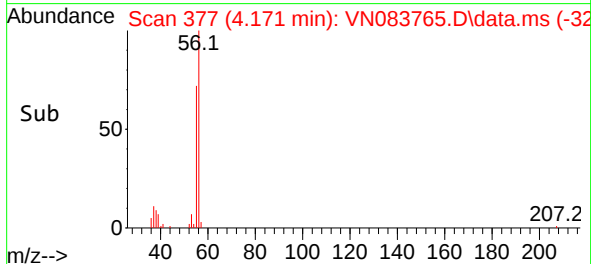
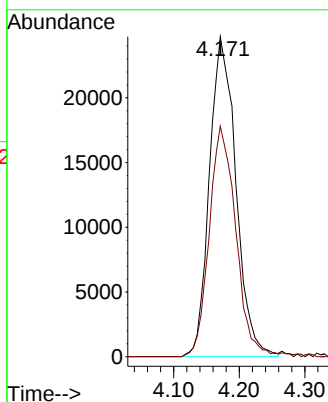
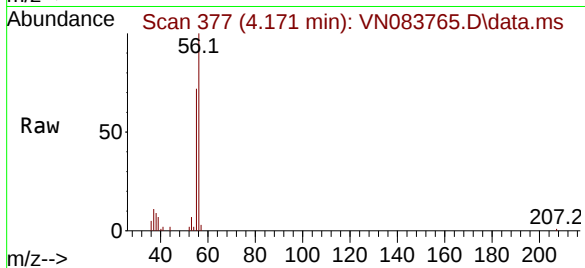
ClientSampleId :

Tgt Ion: 56 Resp: 69182

Ion Ratio Lower Upper

56 100

55 72.7 58.2 87.2



#14

Allyl chloride

Concen: 46.545 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

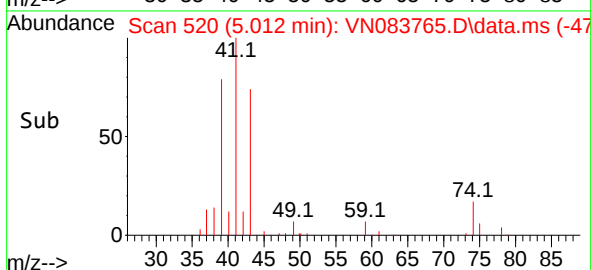
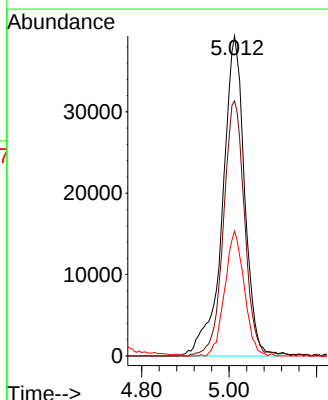
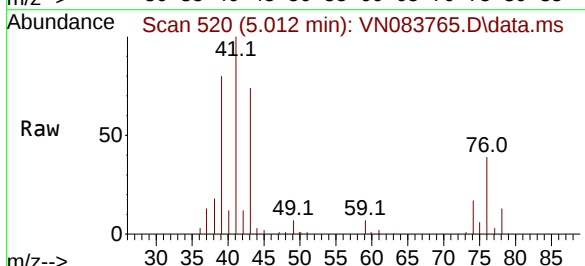
Tgt Ion: 41 Resp: 137383

Ion Ratio Lower Upper

41 100

39 76.3 59.3 88.9

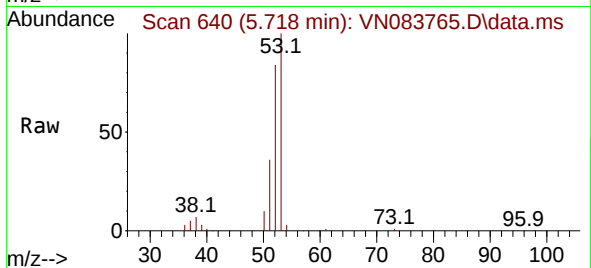
76 34.5 27.7 41.5



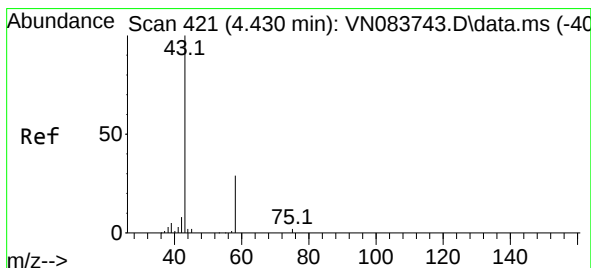
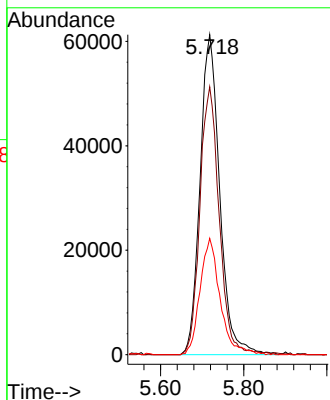
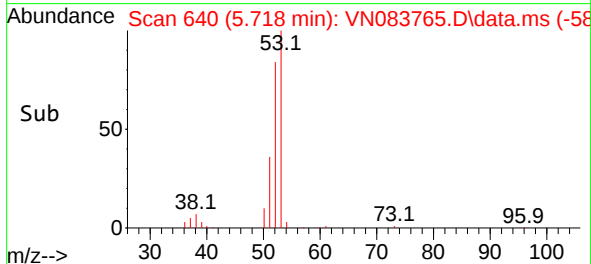


#15
Acrylonitrile
Concen: 239.911 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Instrument :
MSVOA_N
ClientSampleId :

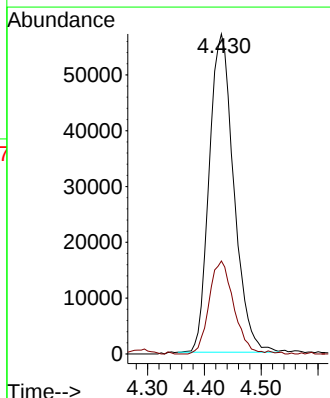
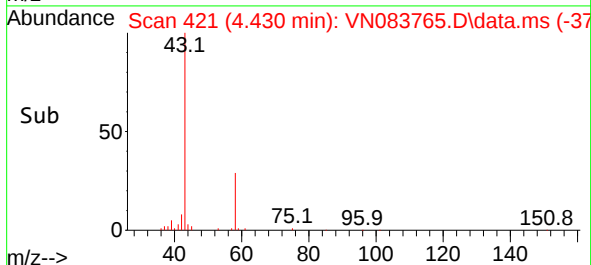
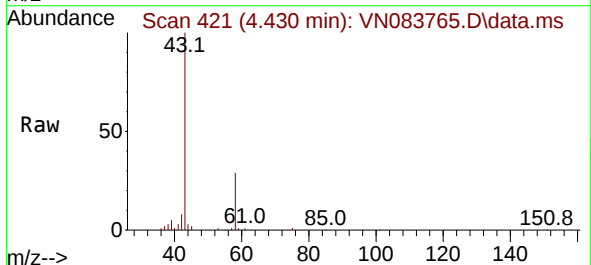


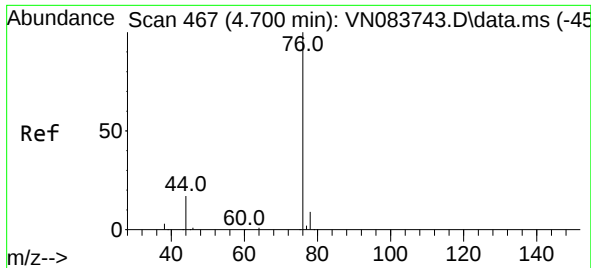
Tgt Ion: 53 Resp: 201756
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 37.1 29.6 44.4



#16
Acetone
Concen: 185.057 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 43 Resp: 171313
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





#17

Carbon Disulfide

Concen: 44.864 ug/l

RT: 4.695 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

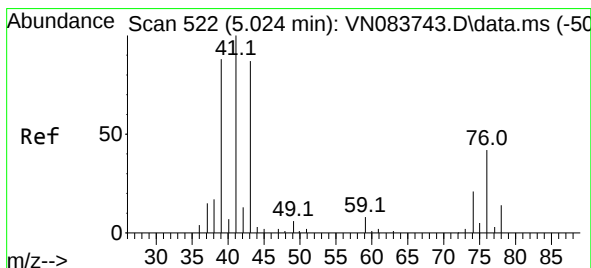
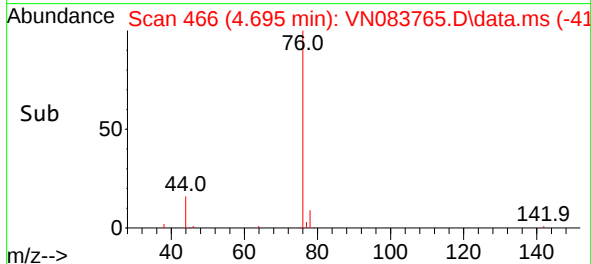
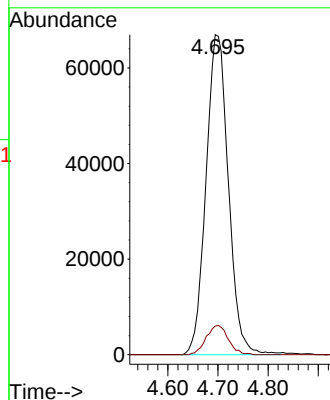
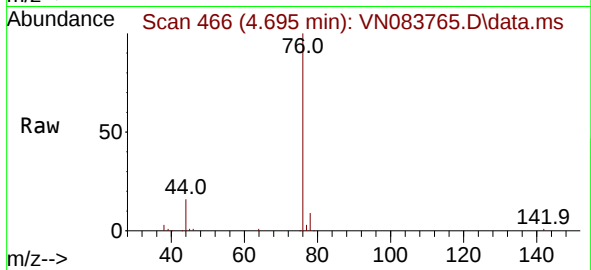
ClientSampleId :

Tgt Ion: 76 Resp: 207881

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 51.488 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN083765.D

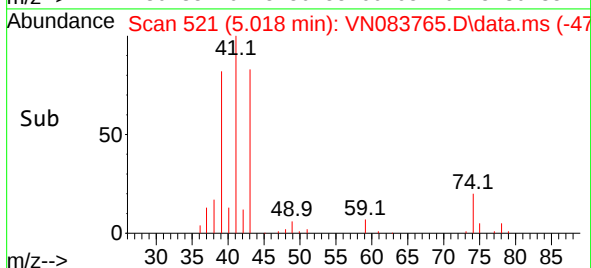
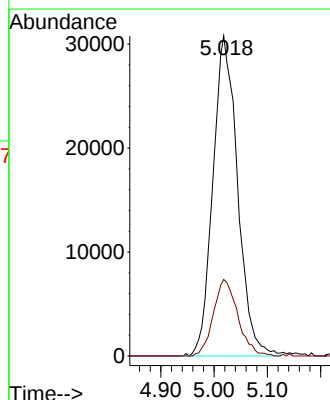
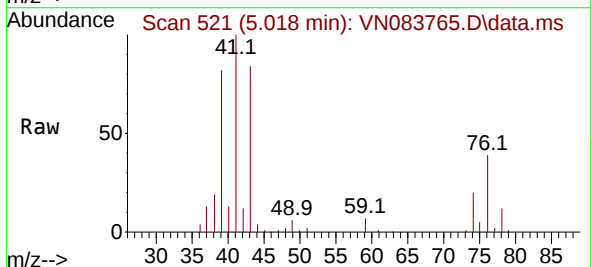
Acq: 11 Sep 2024 02:27

Tgt Ion: 43 Resp: 99203

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.4

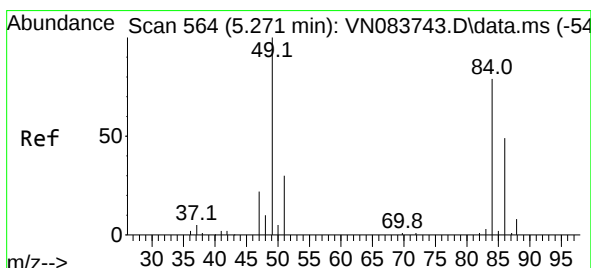
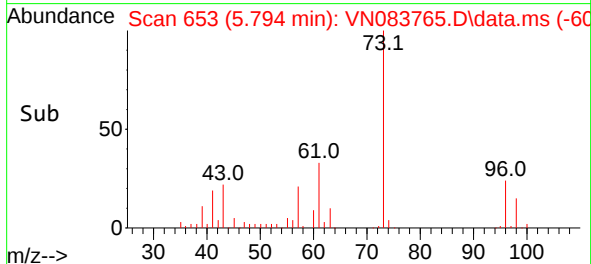
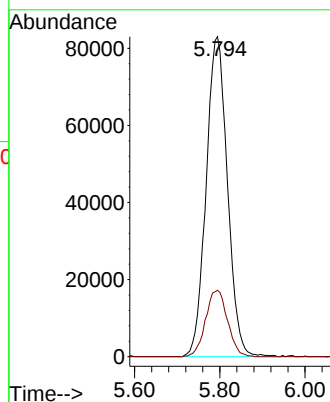
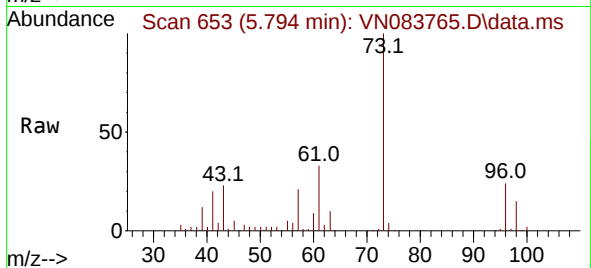




#19
Methyl tert-butyl Ether
Concen: 48.058 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

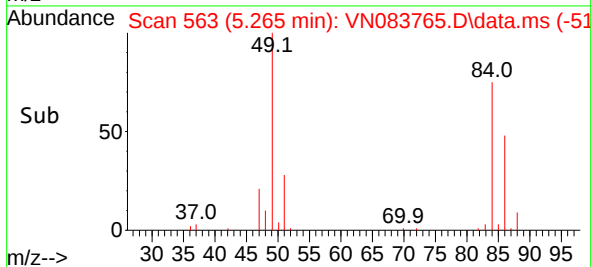
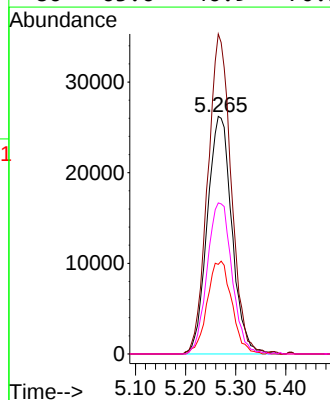
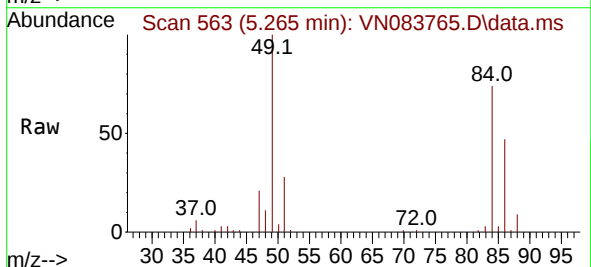
Instrument :
MSVOA_N
ClientSampleId :

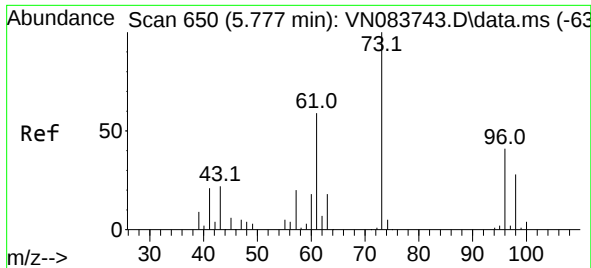
Tgt Ion: 73 Resp: 288066
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6



#20
Methylene Chloride
Concen: 47.135 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 84 Resp: 89291
Ion Ratio Lower Upper
84 100
49 134.7 93.4 140.0
51 37.7 29.2 43.8
86 63.6 46.9 70.3

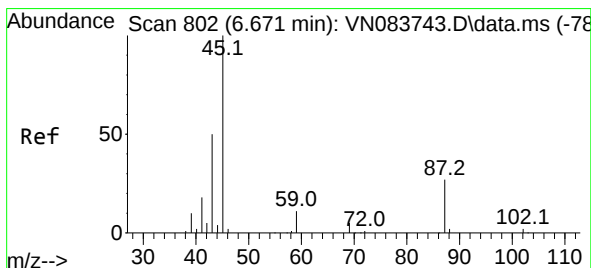
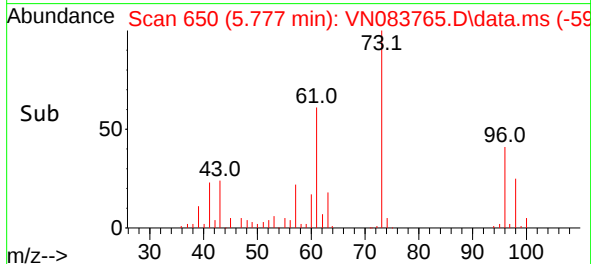
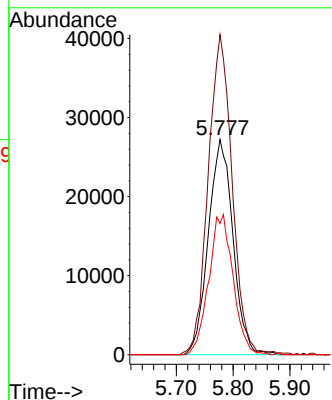
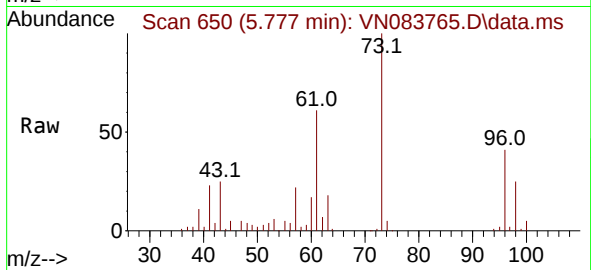




#21
trans-1,2-Dichloroethene
Concen: 46.208 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

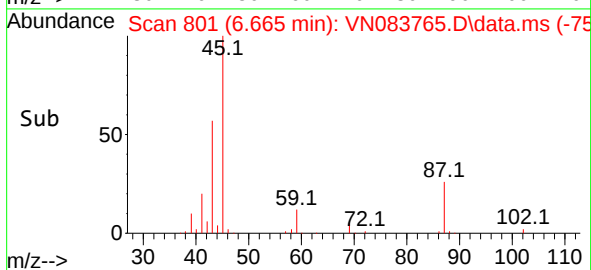
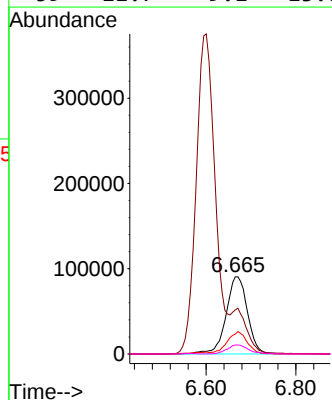
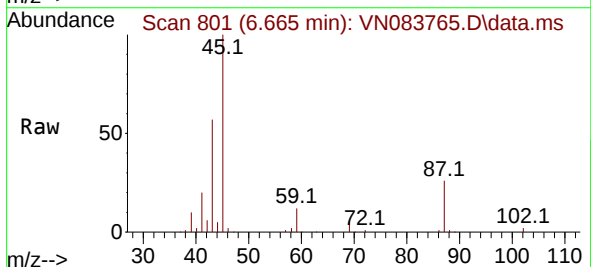
Instrument :
MSVOA_N
ClientSampleId :

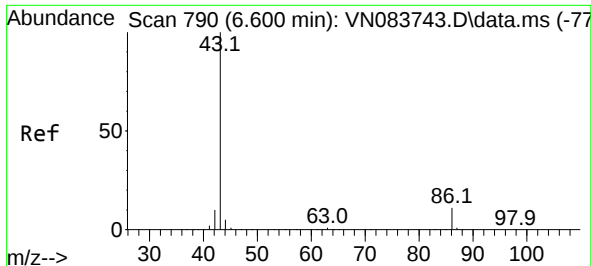
Tgt Ion: 96 Resp: 82029
Ion Ratio Lower Upper
96 100
61 148.8 106.0 159.0
98 61.0 52.2 78.2



#22
Diisopropyl ether
Concen: 49.341 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 45 Resp: 299797
Ion Ratio Lower Upper
45 100
43 56.0 43.4 65.0
87 25.6 22.6 33.8
59 11.7 9.1 13.7

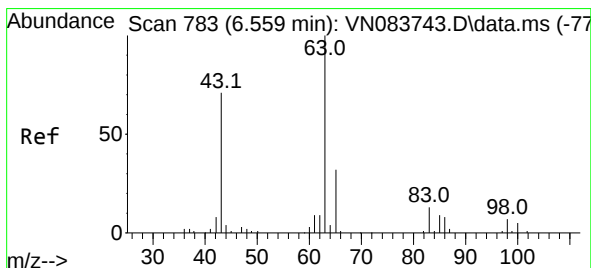
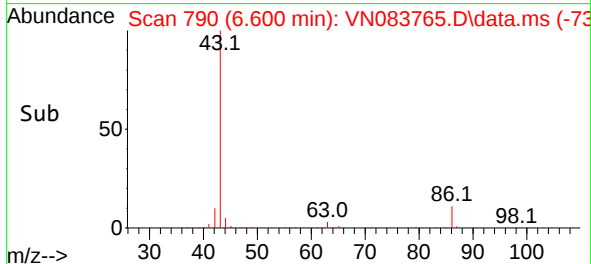
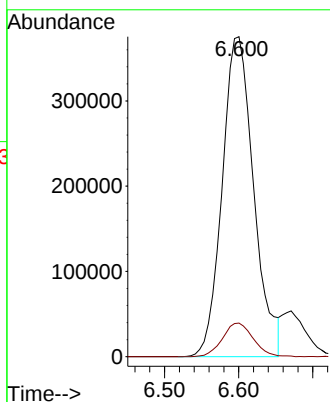
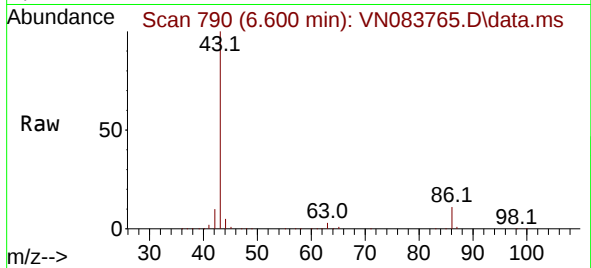




#23
 Vinyl Acetate
 Concen: 249.457 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

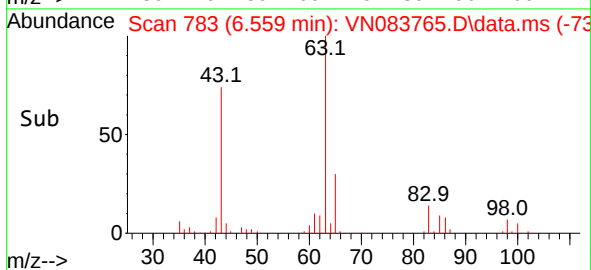
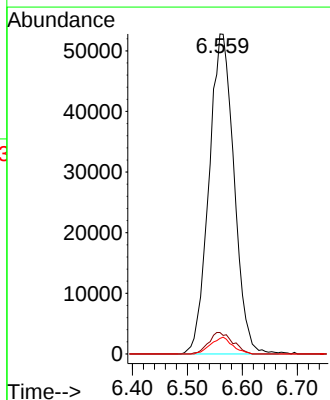
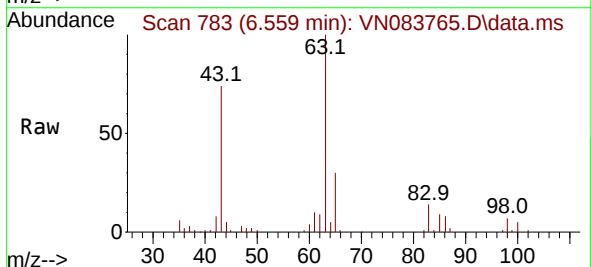
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1109966
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 47.732 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

Tgt Ion: 63 Resp: 167087
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.8 2.5 7.5

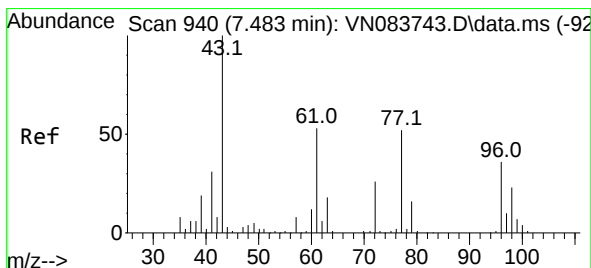
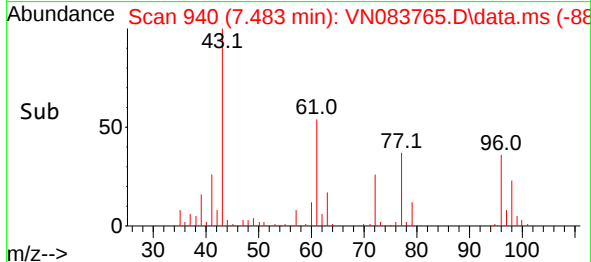
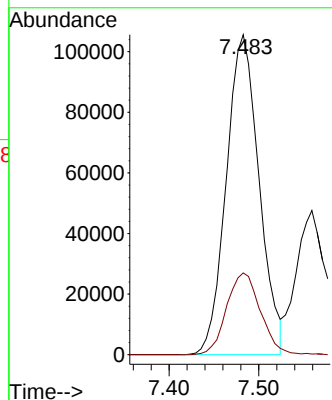
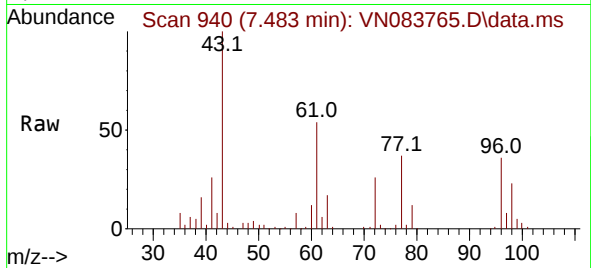




#25
2-Butanone
Concen: 220.527 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

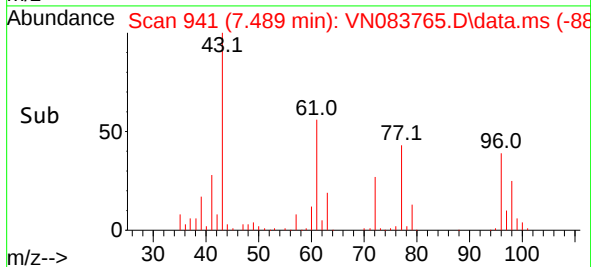
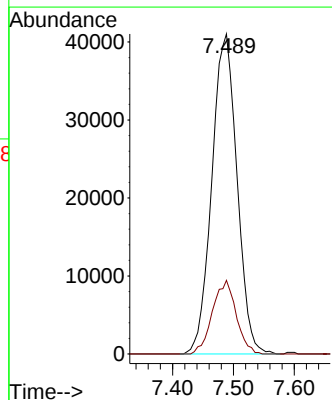
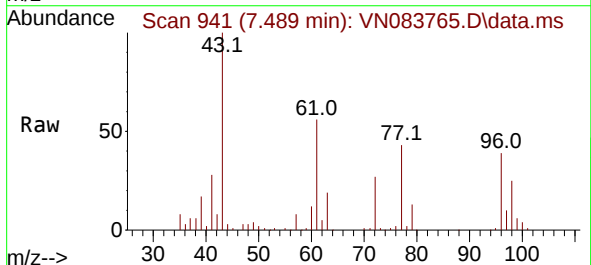
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 268321
Ion Ratio Lower Upper
43 100
72 25.6 20.8 31.2



#26
2,2-Dichloropropane
Concen: 36.534 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

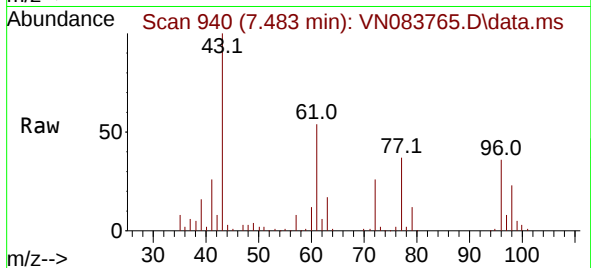
Tgt Ion: 77 Resp: 117774
Ion Ratio Lower Upper
77 100
97 21.7 10.2 30.4



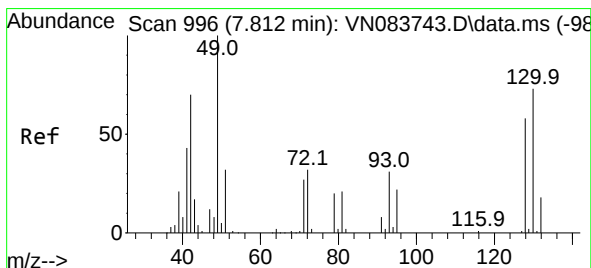
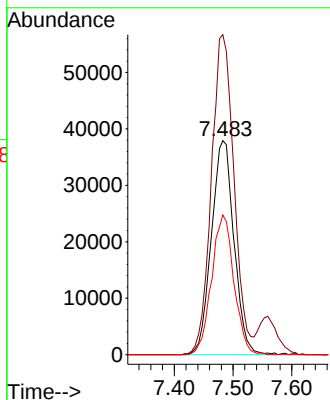
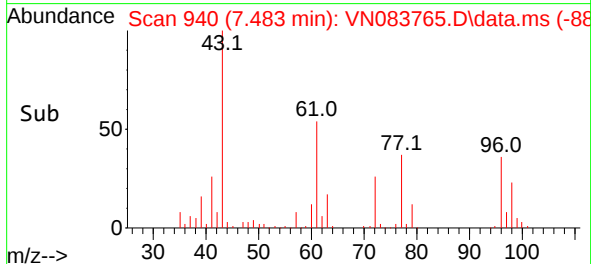


#27
 cis-1,2-Dichloroethene
 Concen: 48.092 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

Instrument :
 MSVOA_N
 ClientSampleId :

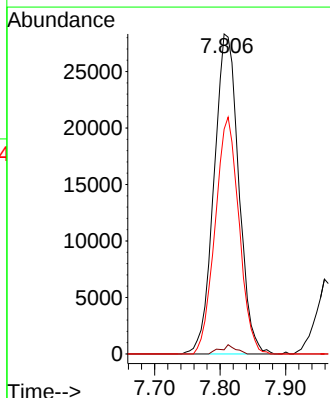
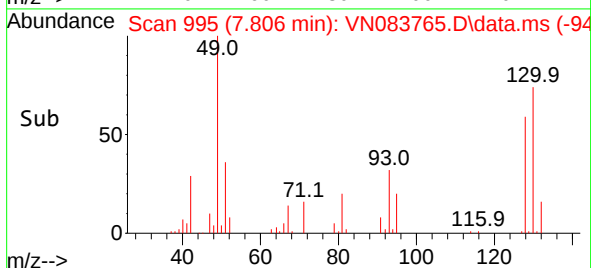
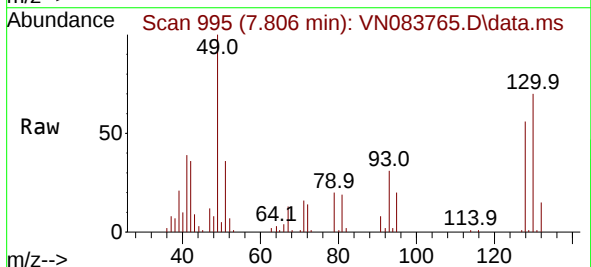


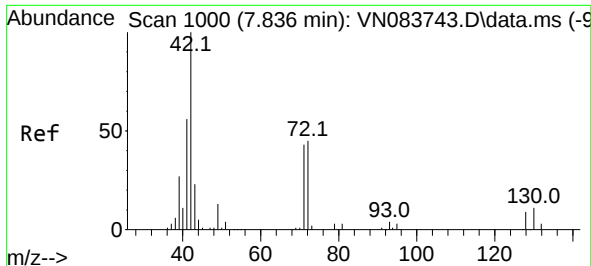
Tgt Ion: 96 Resp: 101347
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 306.2
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.143 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

Tgt Ion: 49 Resp: 73918
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 71.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 238.948 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

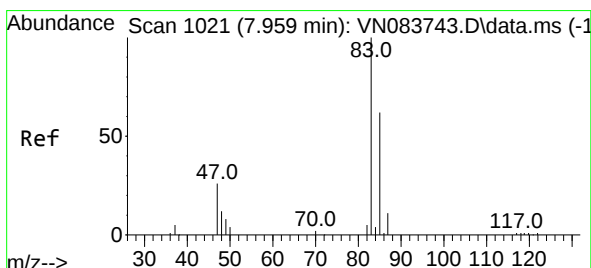
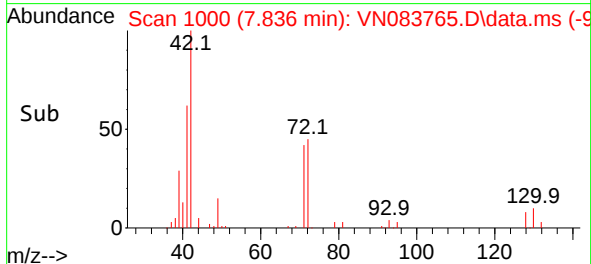
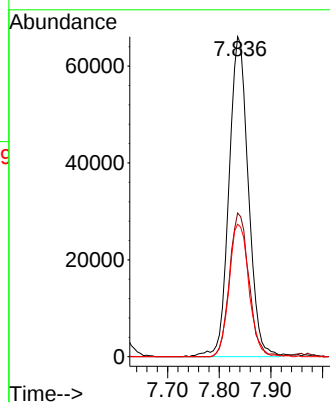
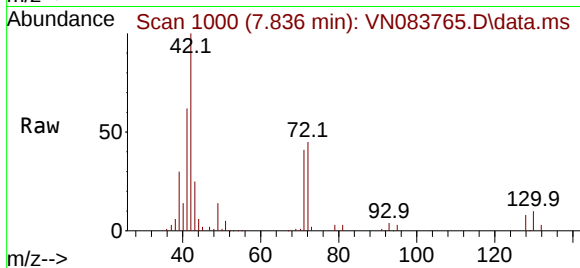
Tgt Ion: 42 Resp: 171909

Ion Ratio Lower Upper

42 100

72 45.0 35.9 53.9

71 42.5 33.9 50.9



#30

Chloroform

Concen: 48.502 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083765.D

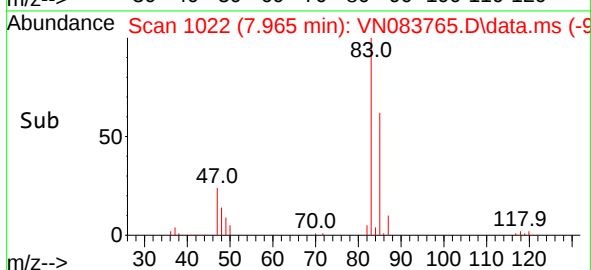
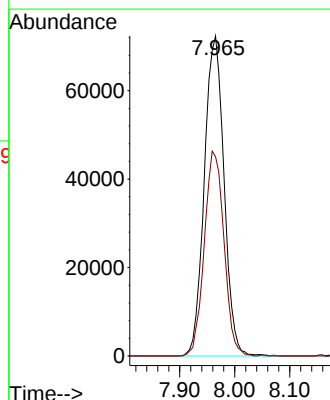
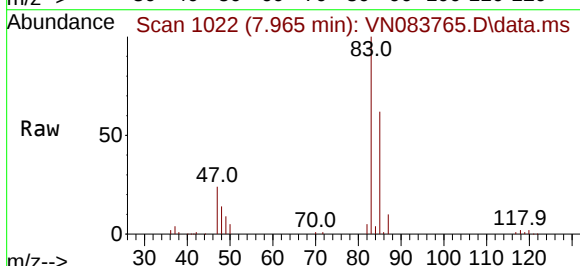
Acq: 11 Sep 2024 02:27

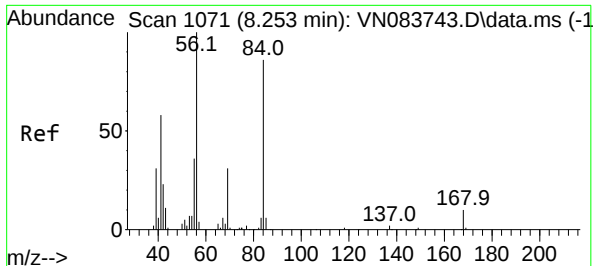
Tgt Ion: 83 Resp: 180246

Ion Ratio Lower Upper

83 100

85 62.2 52.8 79.2

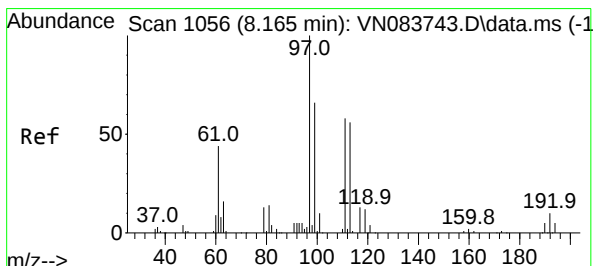
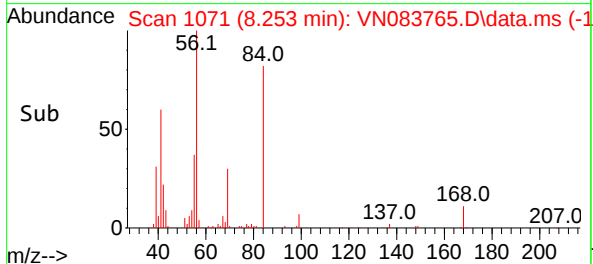
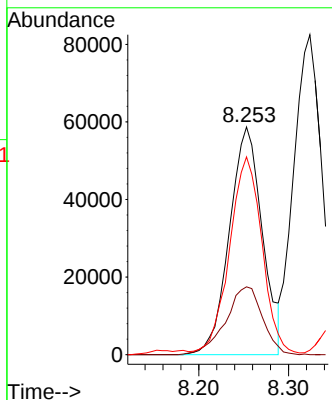
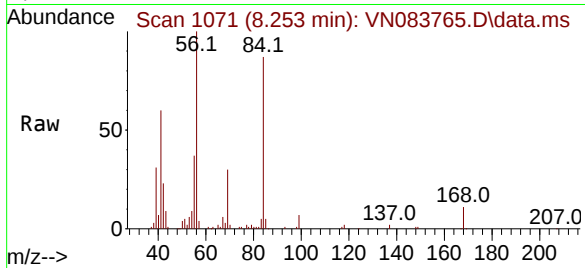




#31
Cyclohexane
Concen: 44.830 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

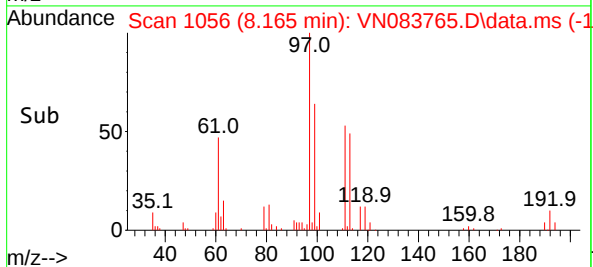
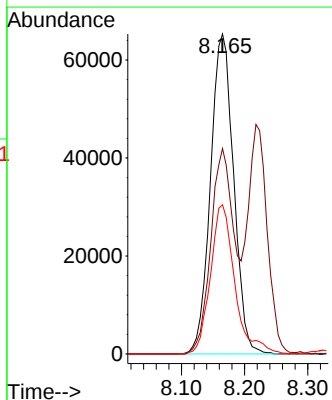
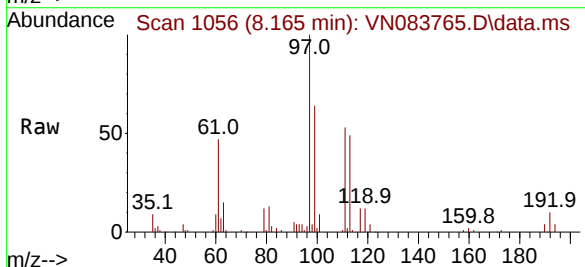
Instrument :
MSVOA_N
ClientSampleId :

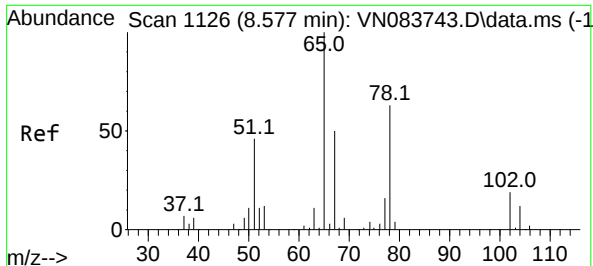
Tgt Ion: 56 Resp: 149621
Ion Ratio Lower Upper
56 100
69 29.8 26.9 40.3
84 85.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.663 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 97 Resp: 166286
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 49.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 48.501 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

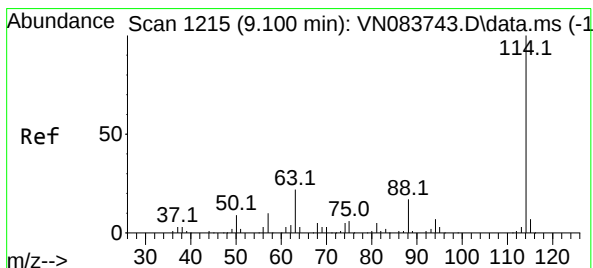
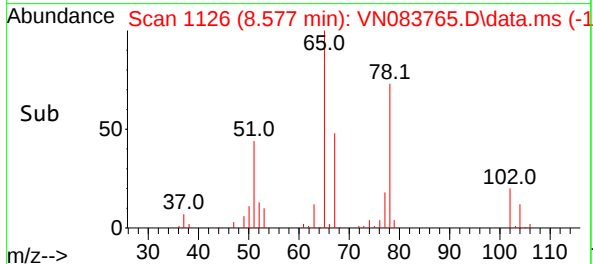
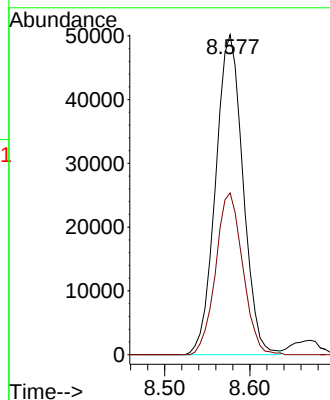
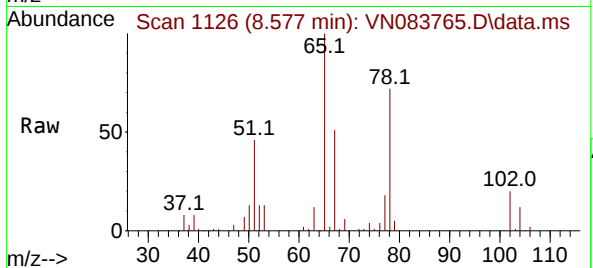
ClientSampleId :

Tgt Ion: 65 Resp: 112001

Ion Ratio Lower Upper

65 100

67 50.0 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: VN083765.D

Acq: 11 Sep 2024 02:27

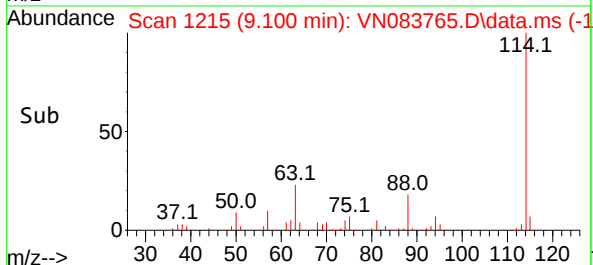
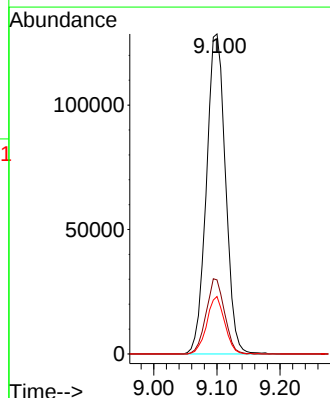
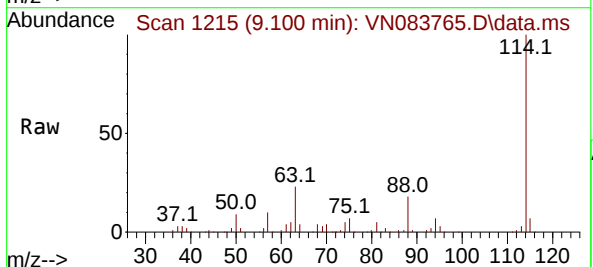
Tgt Ion: 114 Resp: 269865

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 18.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.282 ug/l

RT: 8.159 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN083765.D

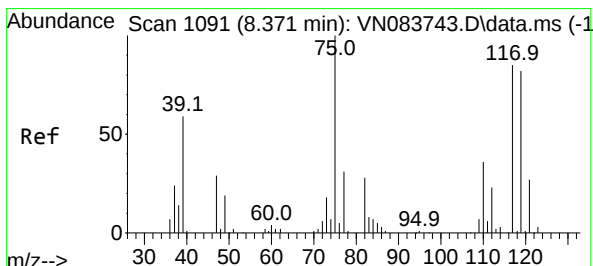
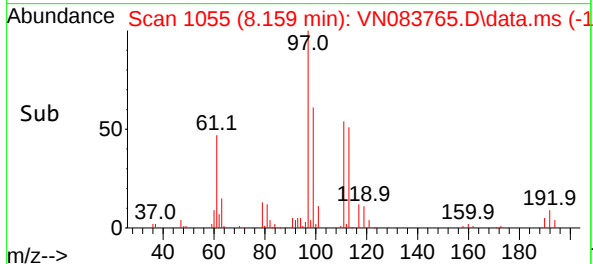
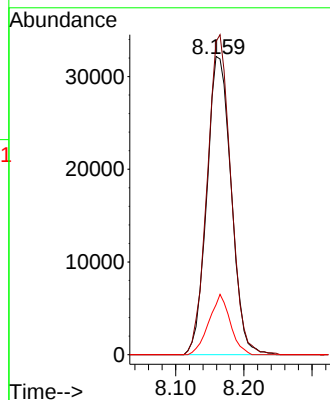
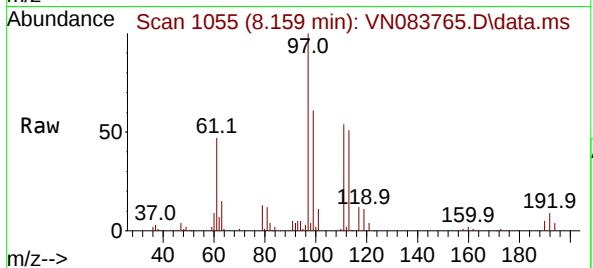
Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	79958
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	17.7	14.3	21.5



#36

1,1-Dichloropropene

Concen: 45.975 ug/l

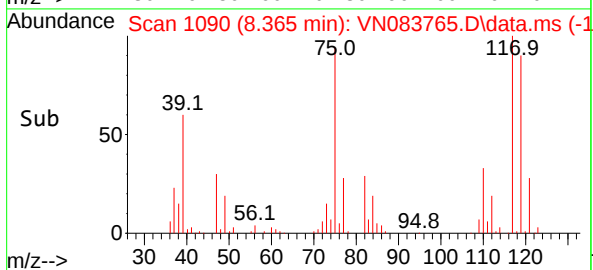
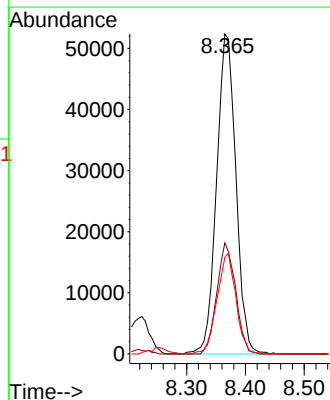
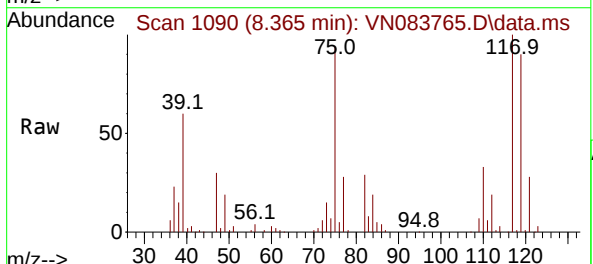
RT: 8.365 min Scan# 1090

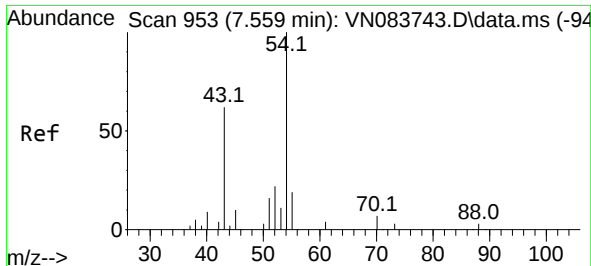
Delta R.T. -0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Tgt Ion:	75	Resp:	119551
Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.7	50.1
77	30.8	25.2	37.8





#37

Ethyl Acetate

Concen: 48.692 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

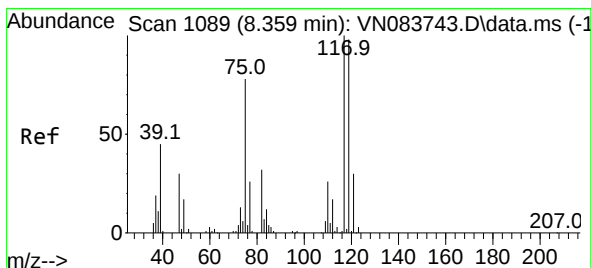
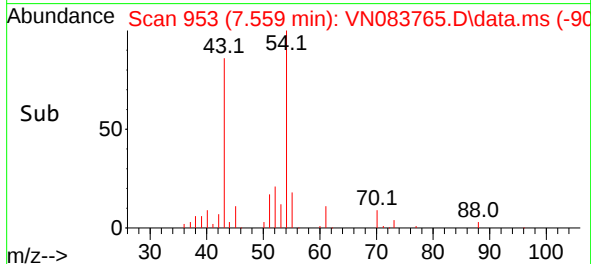
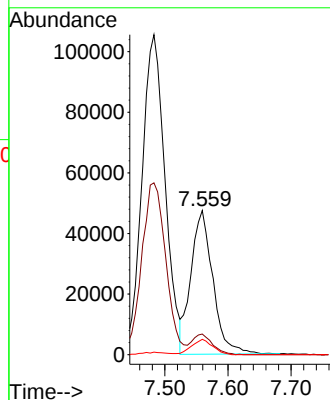
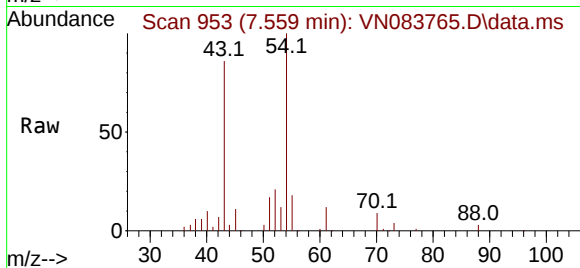
Tgt Ion: 43 Resp: 114929

Ion Ratio Lower Upper

43 100

61 12.9 11.1 16.7

70 10.3 8.8 13.2



#38

Carbon Tetrachloride

Concen: 48.833 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

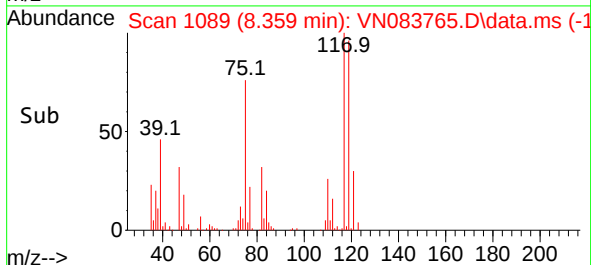
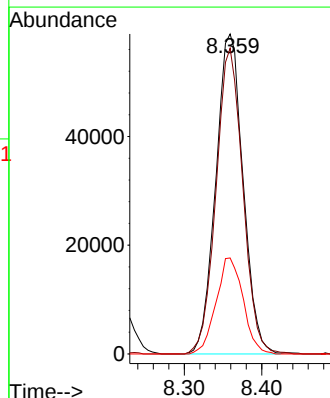
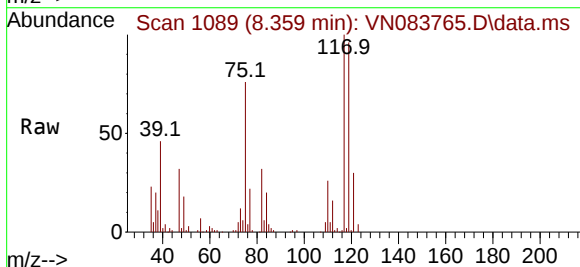
Tgt Ion: 117 Resp: 144061

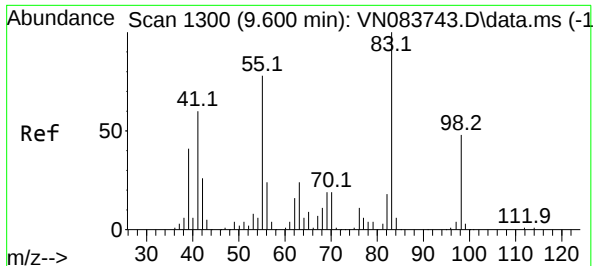
Ion Ratio Lower Upper

117 100

119 95.6 76.1 114.1

121 30.0 24.1 36.1





#39

Methylcyclohexane

Concen: 46.770 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

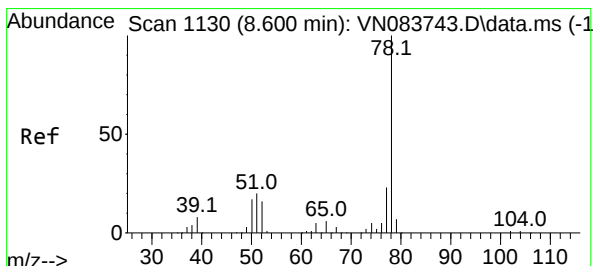
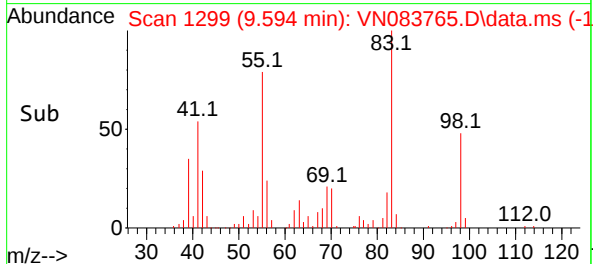
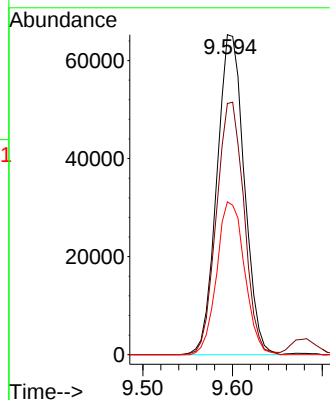
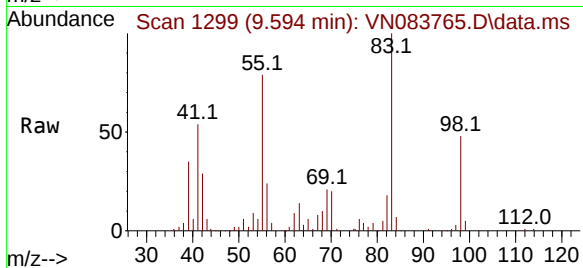
Tgt Ion: 83 Resp: 138433

Ion Ratio Lower Upper

83 100

55 78.5 62.2 93.4

98 47.8 37.6 56.4



#40

Benzene

Concen: 46.984 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083765.D

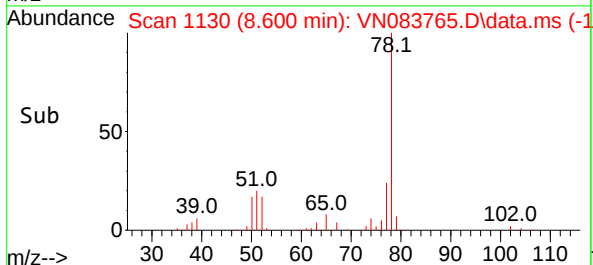
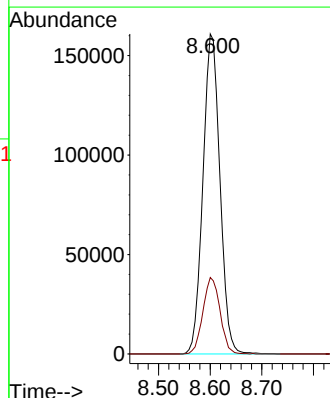
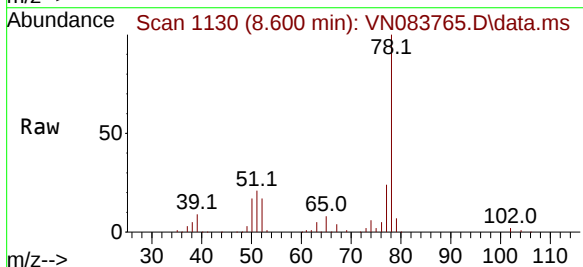
Acq: 11 Sep 2024 02:27

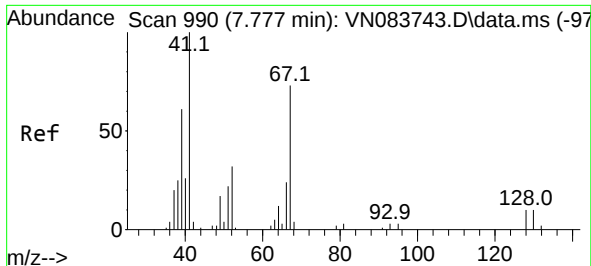
Tgt Ion: 78 Resp: 367729

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

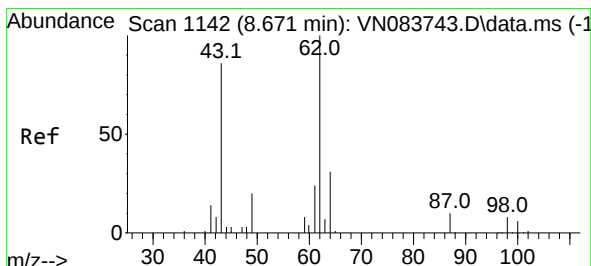
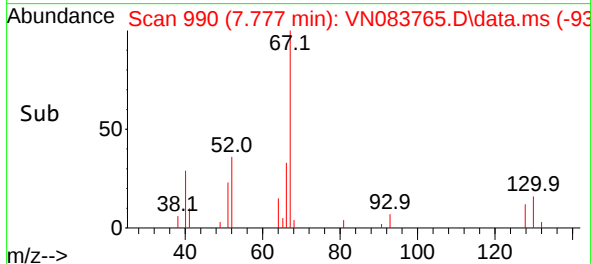
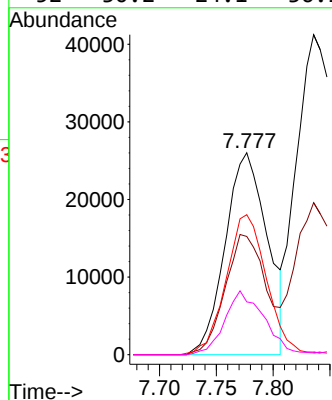
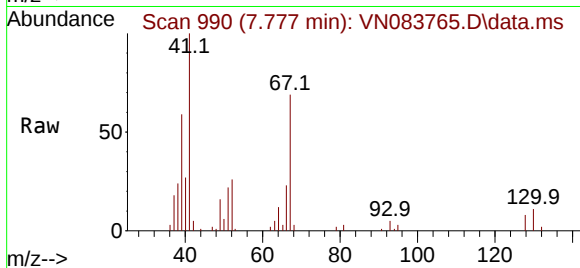




#41
Methacrylonitrile
Concen: 47.971 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

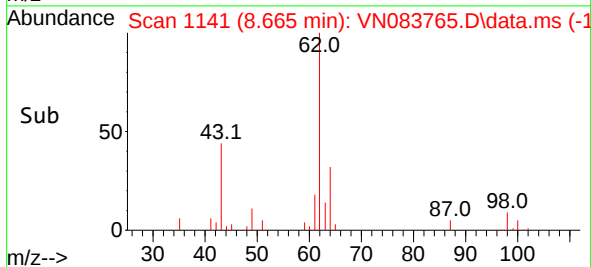
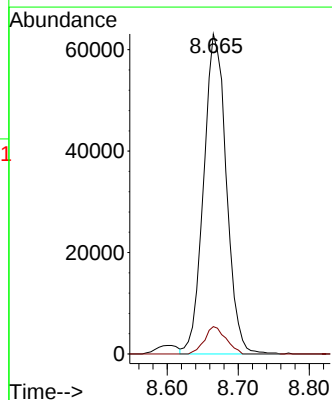
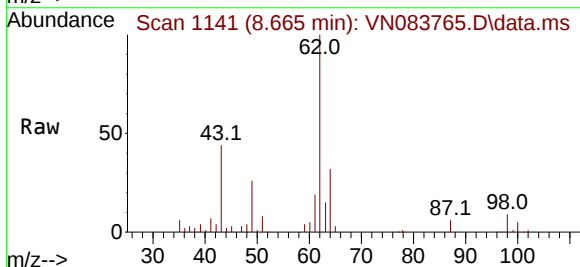
Instrument :
MSVOA_N
ClientSampleId :

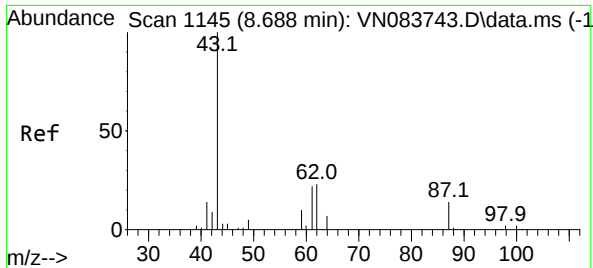
Tgt Ion:	41	Resp:	66969
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.4	68.2
67	67.3	55.9	83.9
52	30.2	24.1	36.1



#42
1,2-Dichloroethane
Concen: 47.993 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:	62	Resp:	140360
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6

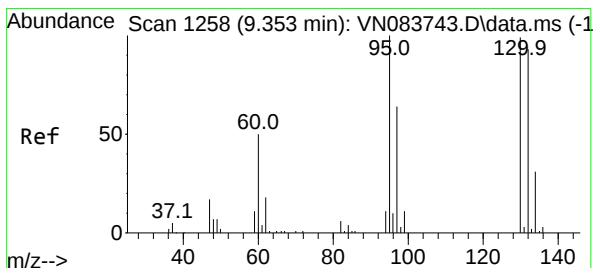
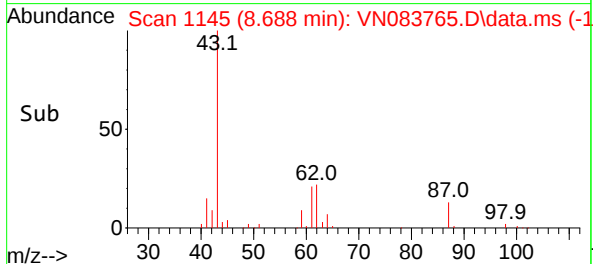
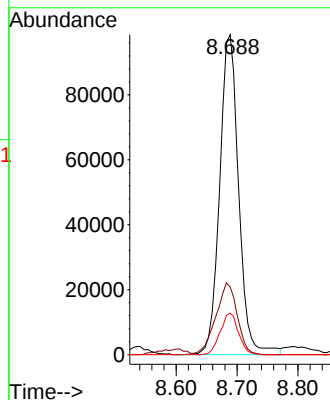
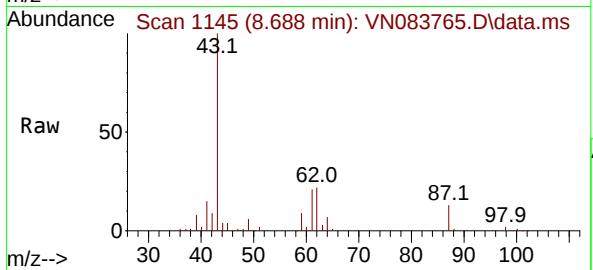




#43
Isopropyl Acetate
Concen: 50.022 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

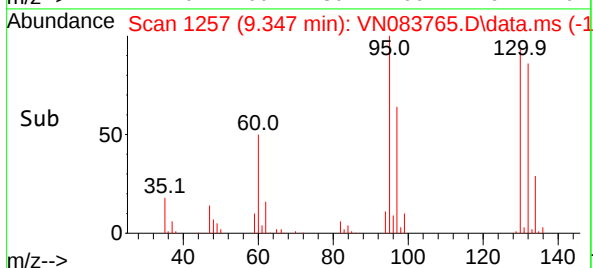
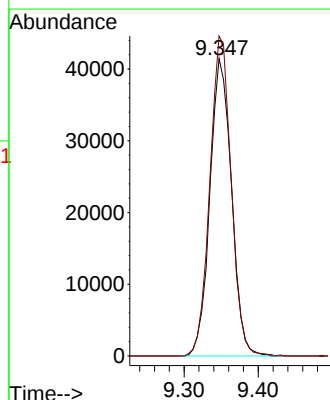
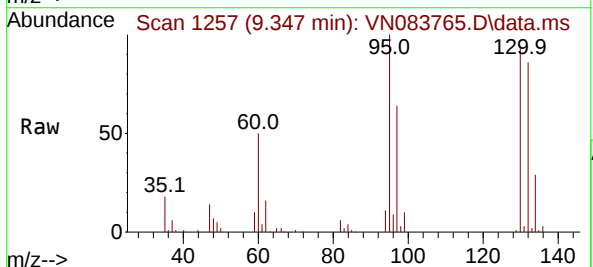
Instrument :
MSVOA_N
ClientSampleId :

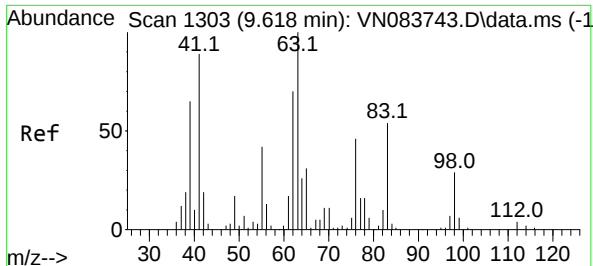
Tgt Ion: 43 Resp: 213956
Ion Ratio Lower Upper
43 100
61 25.1 19.4 29.0
87 12.4 9.8 14.6



#44
Trichloroethene
Concen: 46.293 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:130 Resp: 83904
Ion Ratio Lower Upper
130 100
95 107.6 0.0 200.4





#45

1,2-Dichloropropane

Concen: 48.008 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

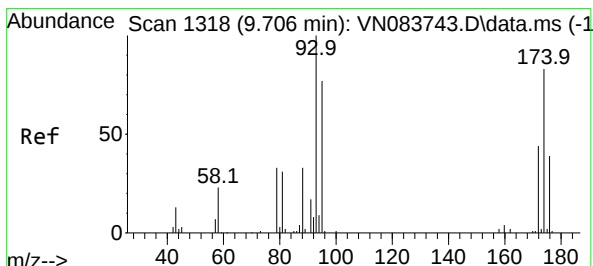
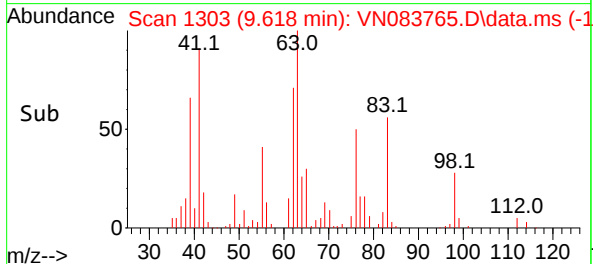
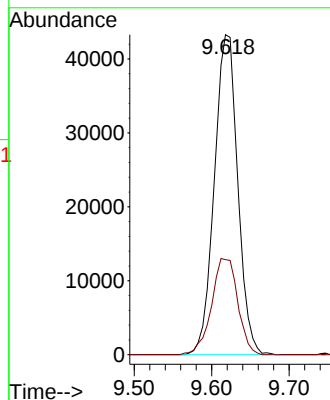
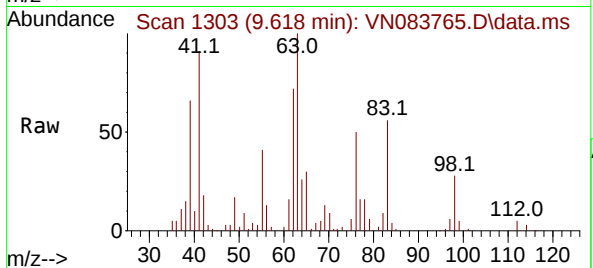
ClientSampleId :

Tgt Ion: 63 Resp: 90815

Ion Ratio Lower Upper

63 100

65 29.7 25.9 38.9



#46

Dibromomethane

Concen: 47.812 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

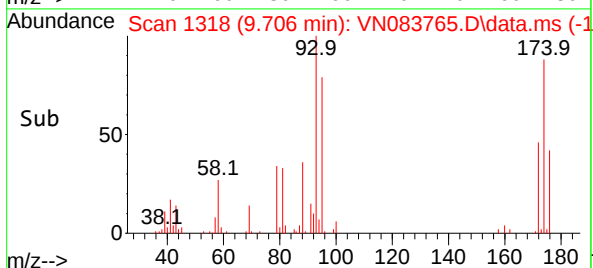
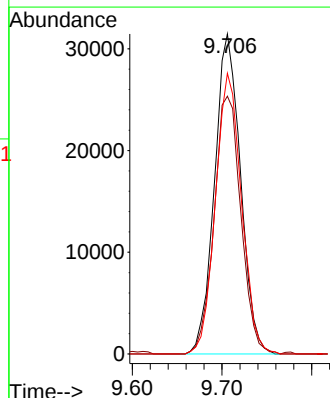
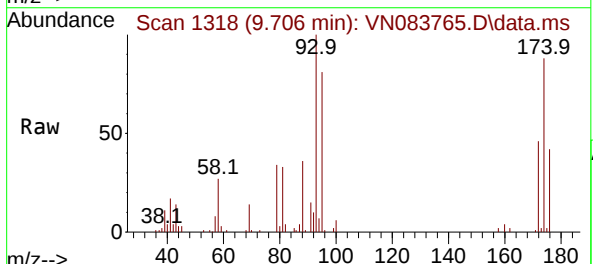
Tgt Ion: 93 Resp: 63351

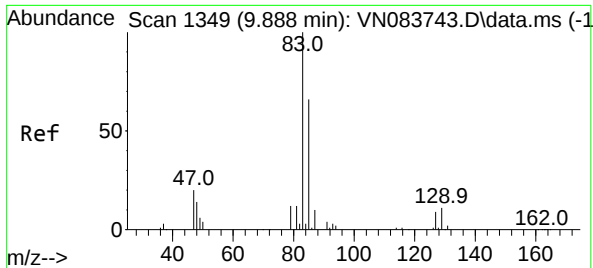
Ion Ratio Lower Upper

93 100

95 82.9 65.3 97.9

174 87.8 71.0 106.4

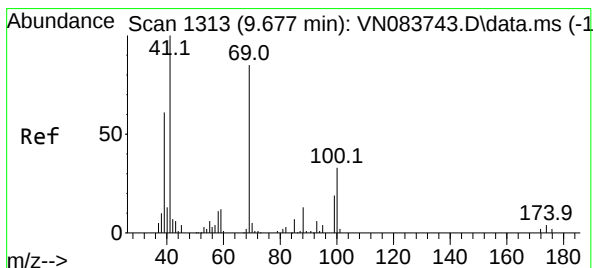
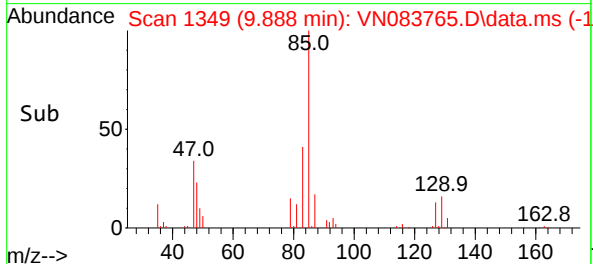
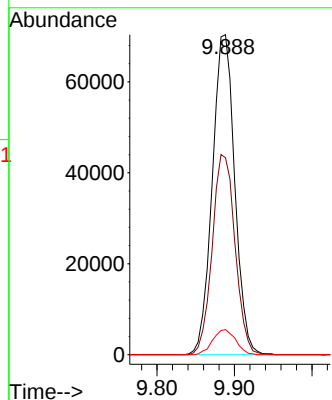
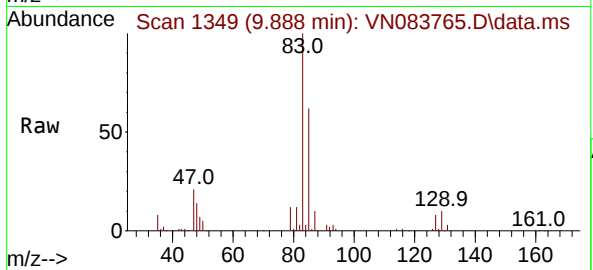




#47
Bromodichloromethane
Concen: 49.530 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

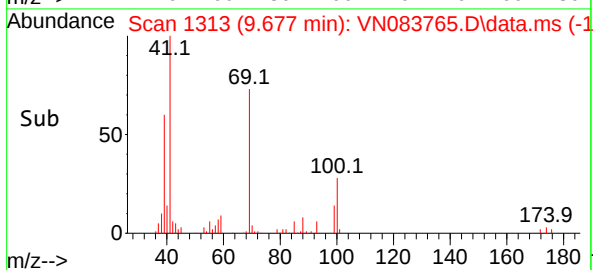
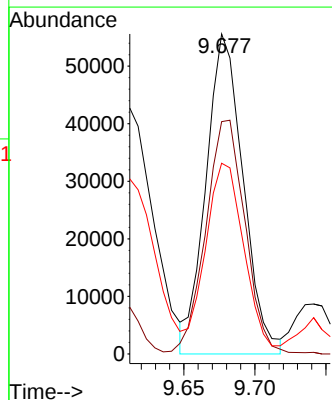
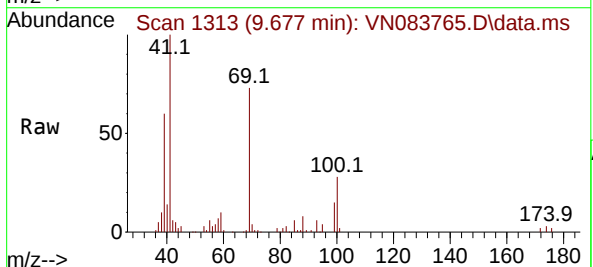
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 142030
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.8
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 49.855 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 41 Resp: 101170
Ion Ratio Lower Upper
41 100
69 77.5 64.3 96.5
39 62.7 48.9 73.3





#49

1,4-Dioxane

Concen: 949.098 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

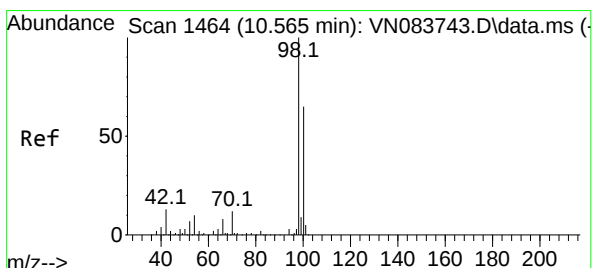
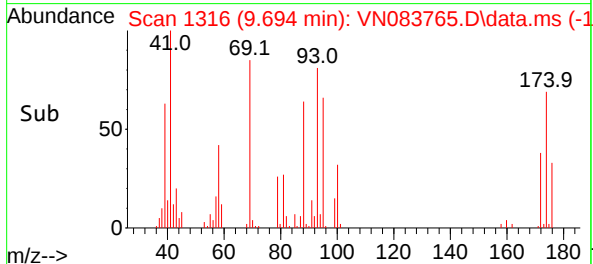
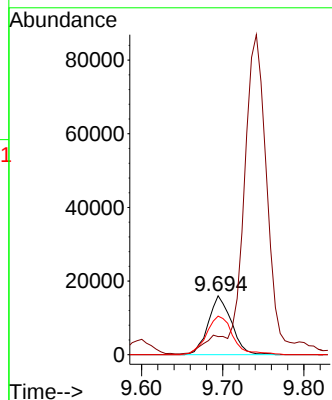
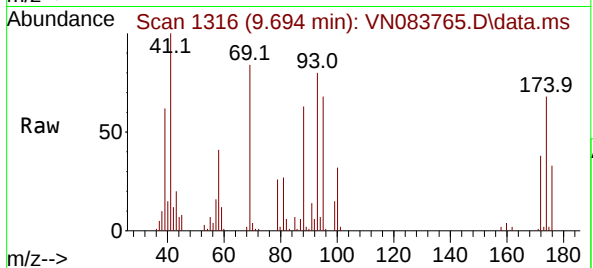
Tgt Ion: 88 Resp: 31684

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.1 57.1 85.7



#50

Toluene-d8

Concen: 49.192 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083765.D

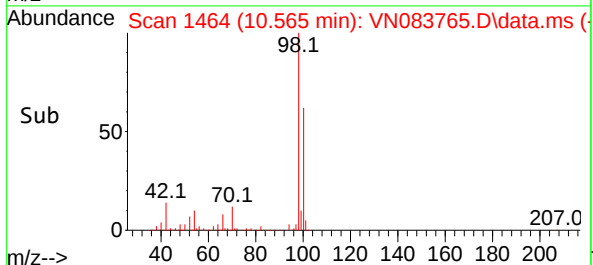
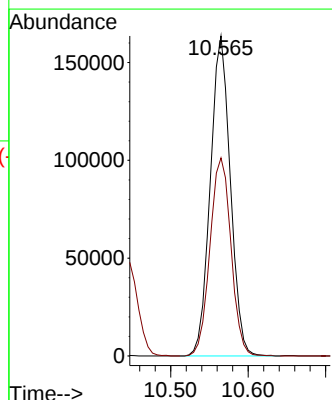
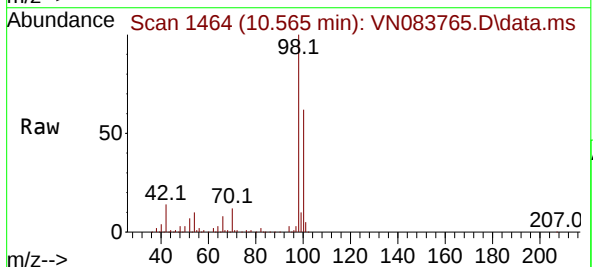
Acq: 11 Sep 2024 02:27

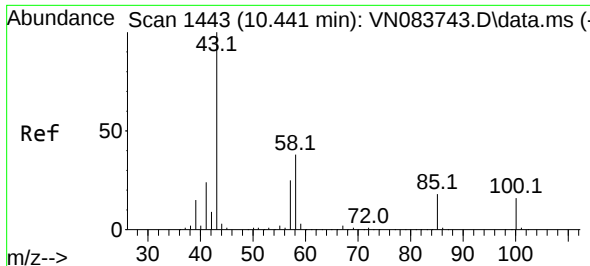
Tgt Ion: 98 Resp: 293804

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 245.624 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

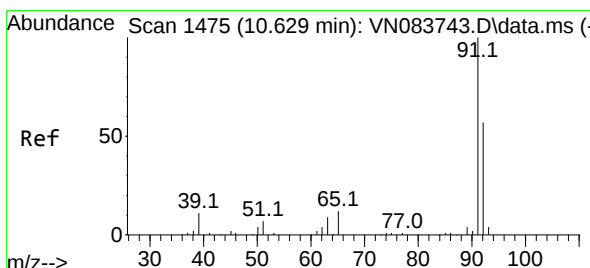
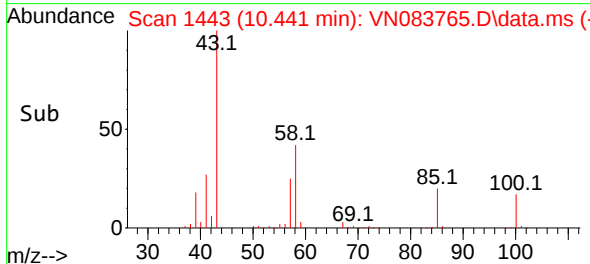
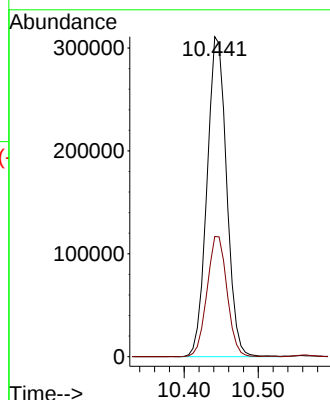
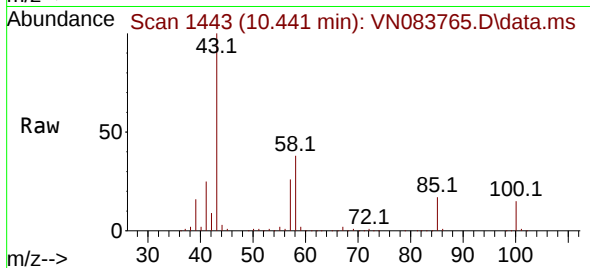
ClientSampleId :

Tgt Ion: 43 Resp: 571894

Ion Ratio Lower Upper

43 100

58 38.3 31.6 47.4



#52

Toluene

Concen: 47.824 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083765.D

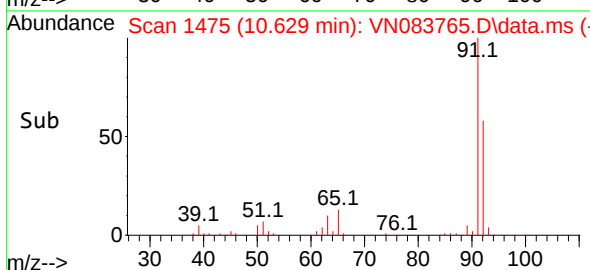
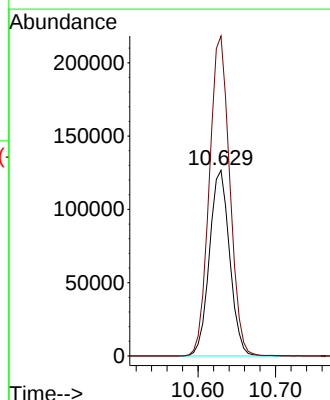
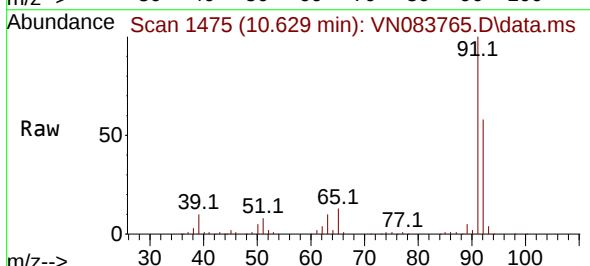
Acq: 11 Sep 2024 02:27

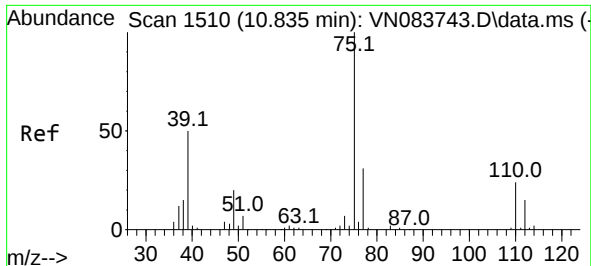
Tgt Ion: 92 Resp: 228952

Ion Ratio Lower Upper

92 100

91 174.6 134.7 202.1

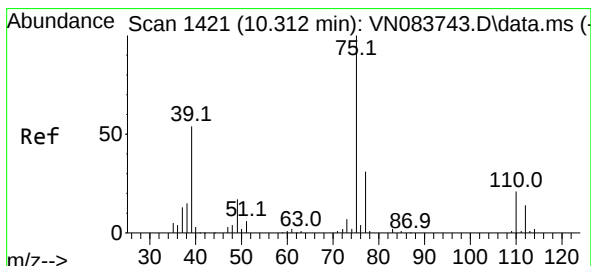
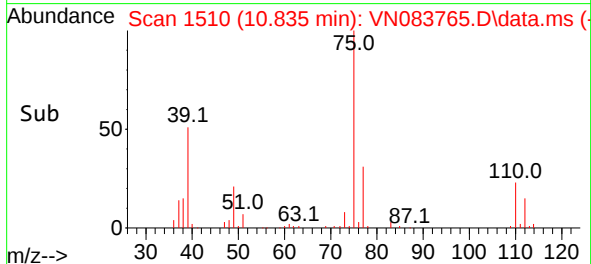
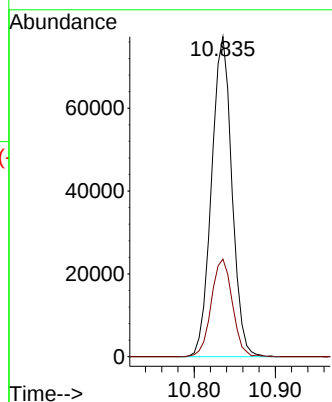
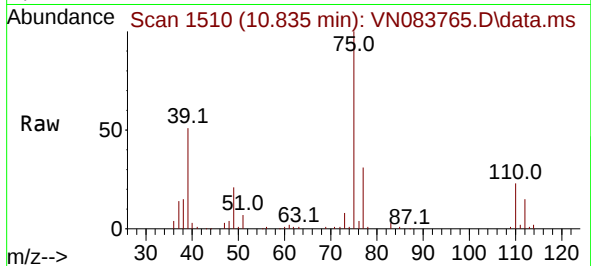




#53
 t-1,3-Dichloropropene
 Concen: 46.319 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

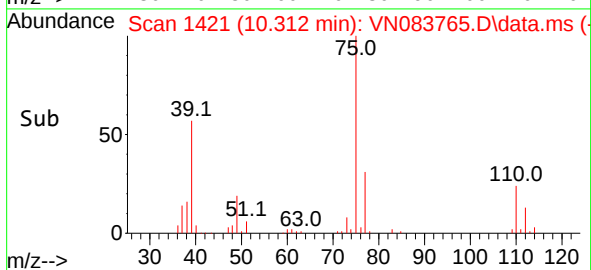
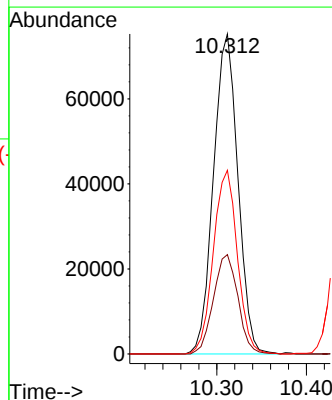
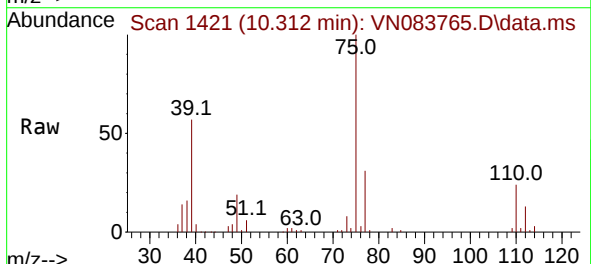
Instrument :
 MSVOA_N
 ClientSampleId :

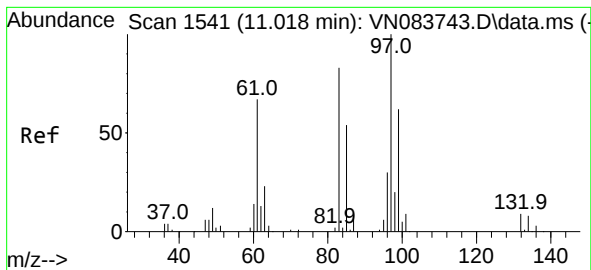
Tgt Ion: 75 Resp: 134631
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 46.518 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

Tgt Ion: 75 Resp: 142029
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6
 39 57.4 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 47.224 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 84403

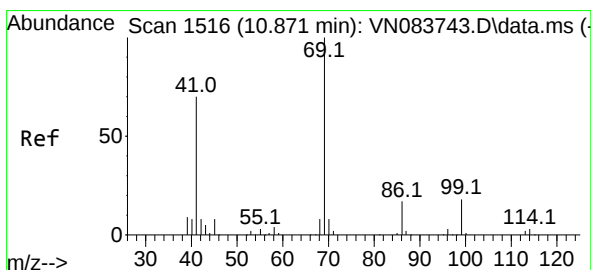
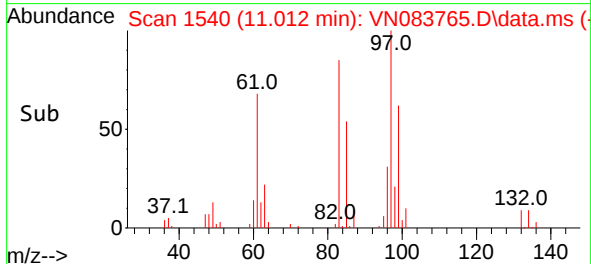
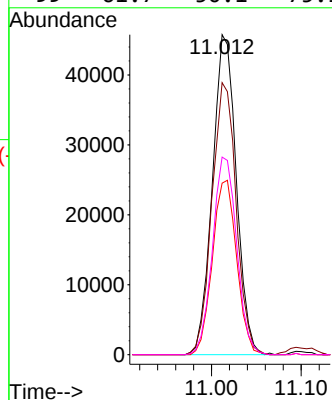
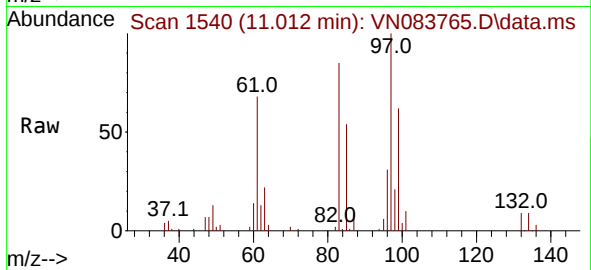
Ion Ratio Lower Upper

97 100

83 85.0 67.5 101.3

85 53.6 44.2 66.2

99 61.7 50.1 75.1



#56

Ethyl methacrylate

Concen: 50.809 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

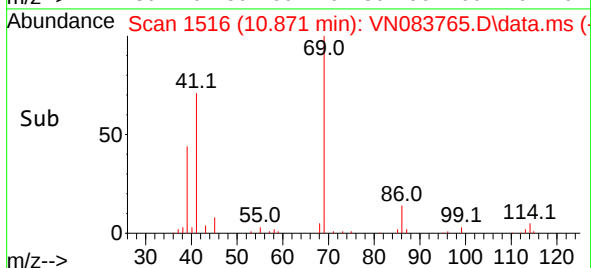
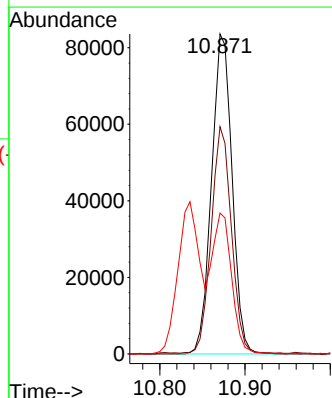
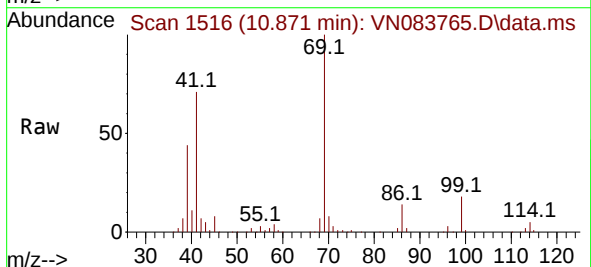
Tgt Ion: 69 Resp: 139714

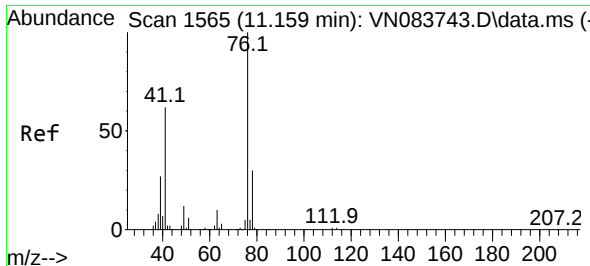
Ion Ratio Lower Upper

69 100

41 69.5 53.9 80.9

39 43.1 32.6 48.8





#57

1,3-Dichloropropane

Concen: 47.945 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

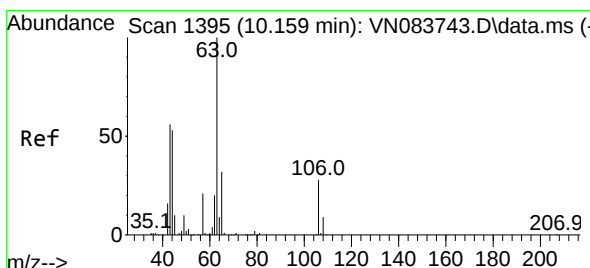
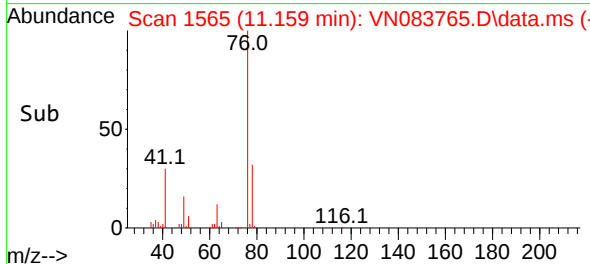
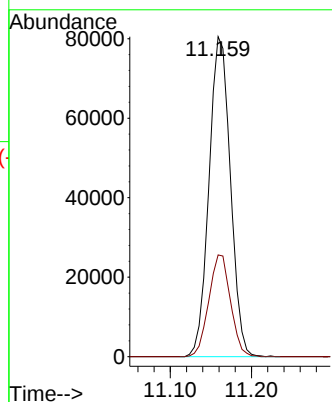
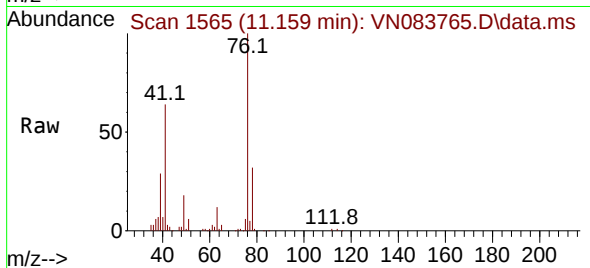
ClientSampleId :

Tgt Ion: 76 Resp: 147275

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 239.457 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083765.D

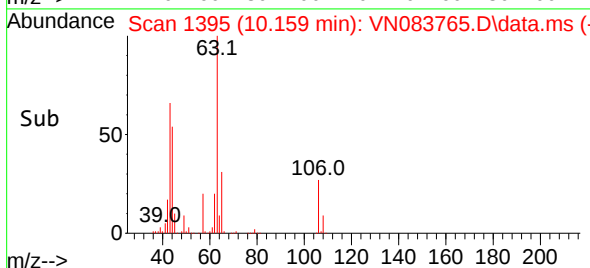
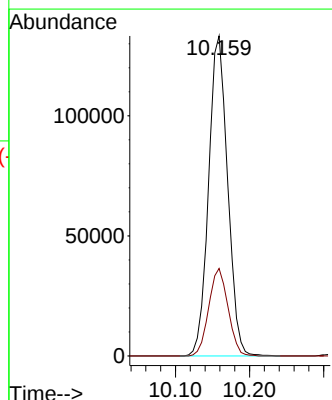
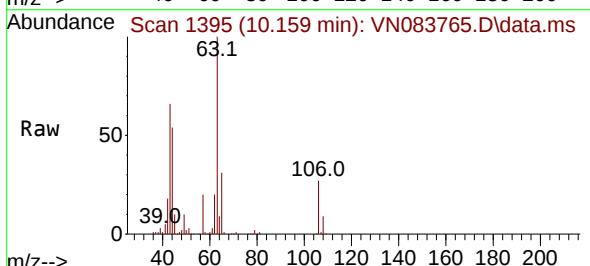
Acq: 11 Sep 2024 02:27

Tgt Ion: 63 Resp: 237257

Ion Ratio Lower Upper

63 100

106 27.7 23.3 34.9

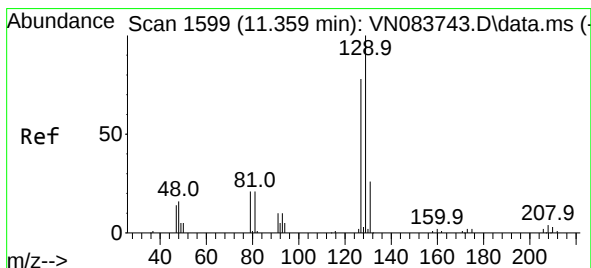
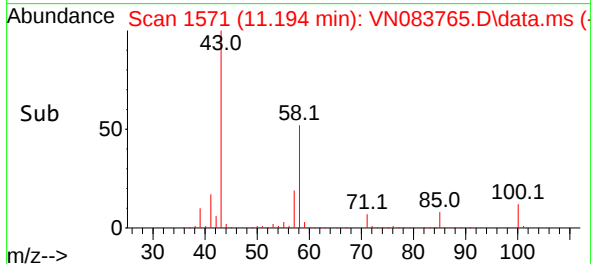
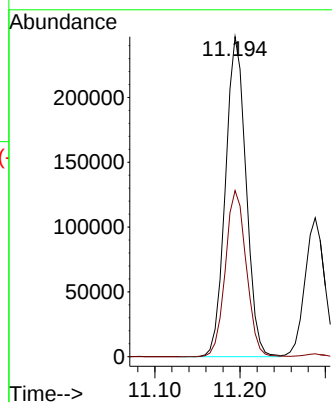
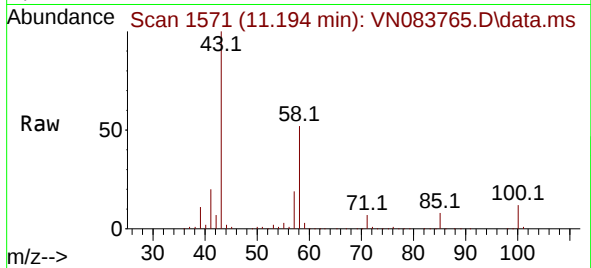




#59
2-Hexanone
Concen: 240.212 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

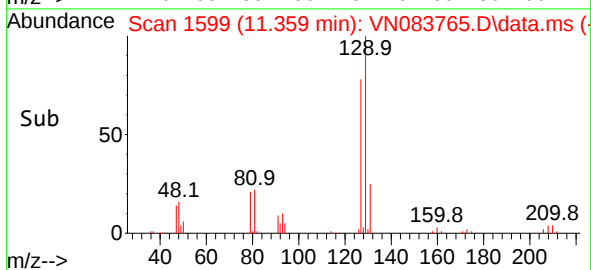
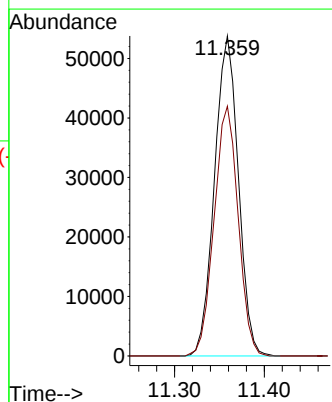
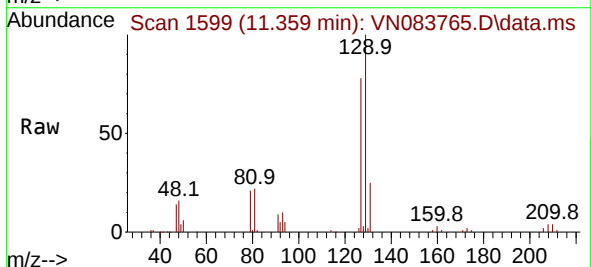
Instrument :
MSVOA_N
ClientSampleId :

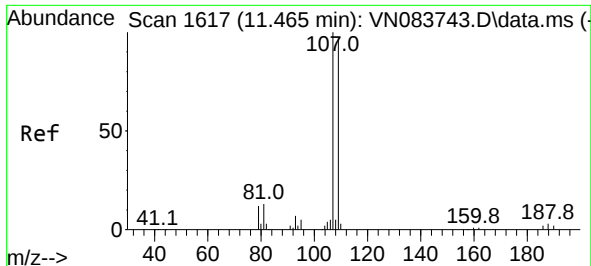
Tgt Ion: 43 Resp: 413722
Ion Ratio Lower Upper
43 100
58 52.6 27.2 81.5



#60
Dibromochloromethane
Concen: 49.679 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:129 Resp: 99369
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9

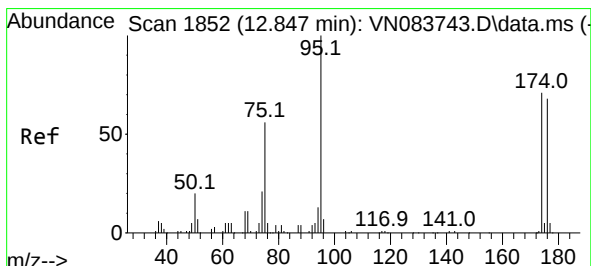
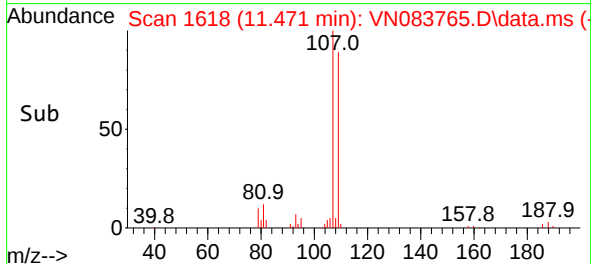
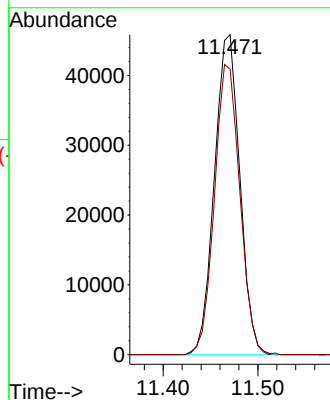
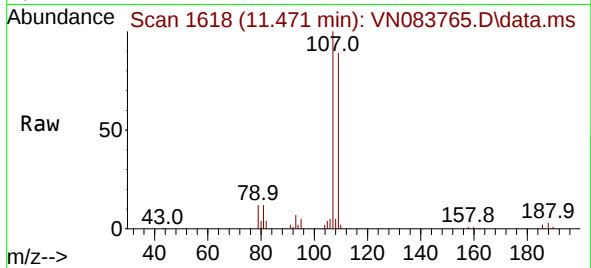




#61
1,2-Dibromoethane
Concen: 47.887 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

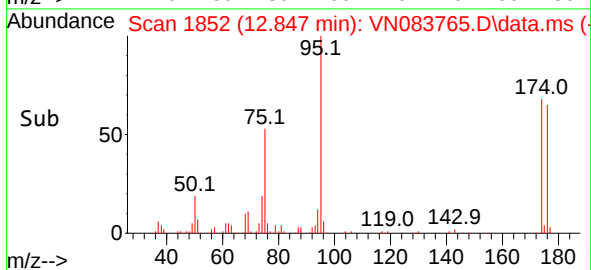
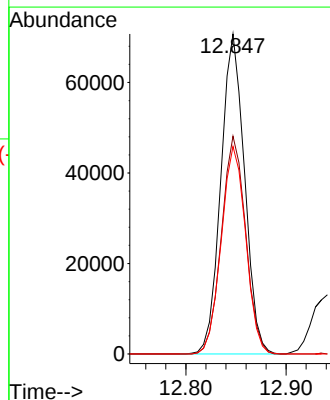
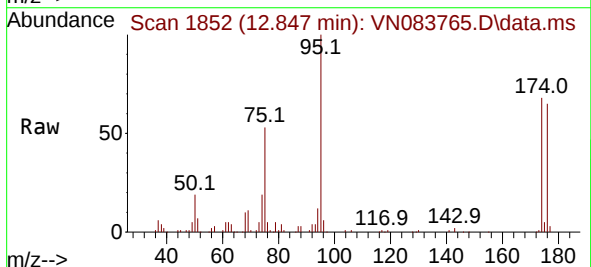
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 85356
Ion Ratio Lower Upper
107 100
109 90.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.050 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 95 Resp: 115936
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 66.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

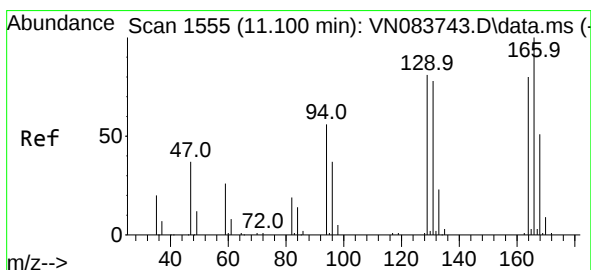
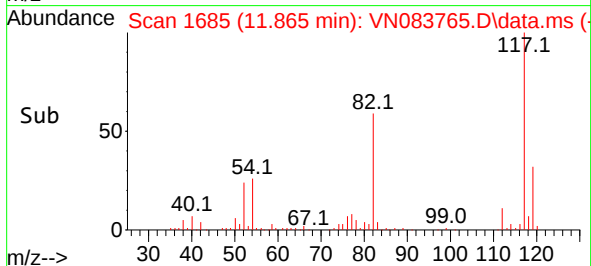
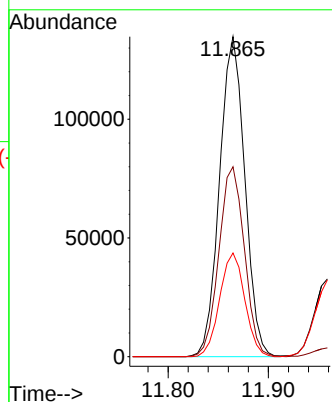
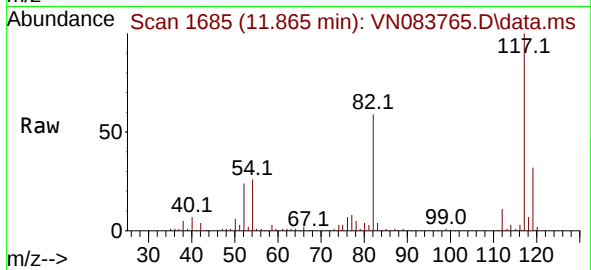
Tgt Ion:117 Resp: 235476

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 45.871 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Tgt Ion:164 Resp: 71833

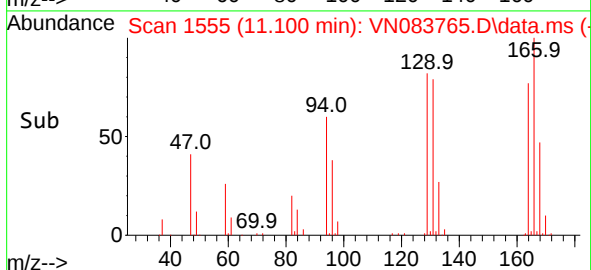
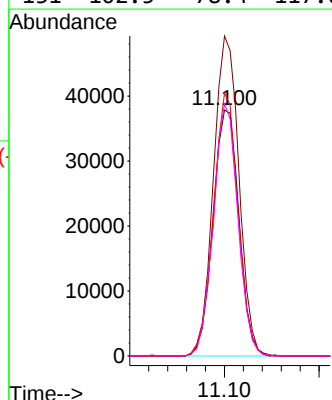
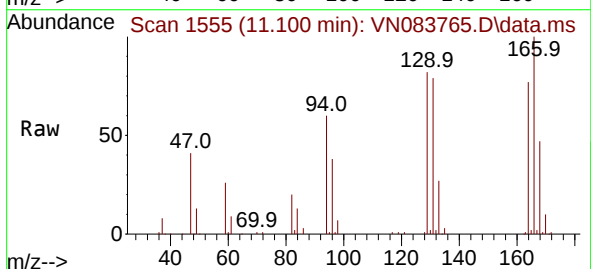
Ion Ratio Lower Upper

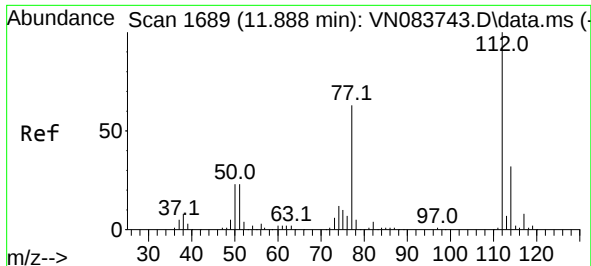
164 100

166 130.1 103.7 155.5

129 106.9 79.9 119.9

131 102.5 78.4 117.6

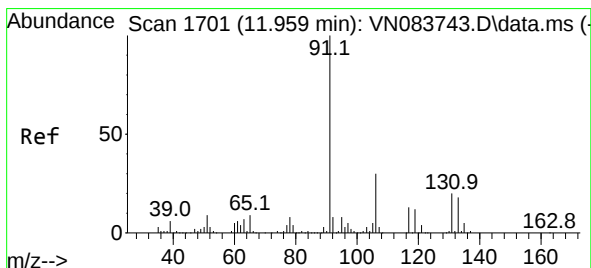
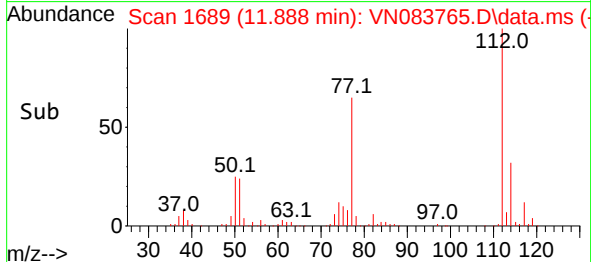
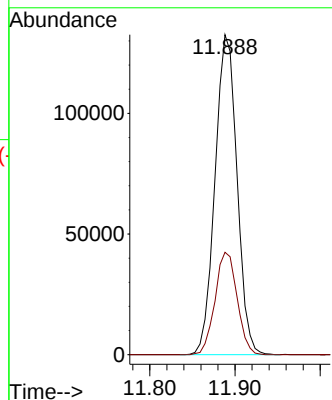
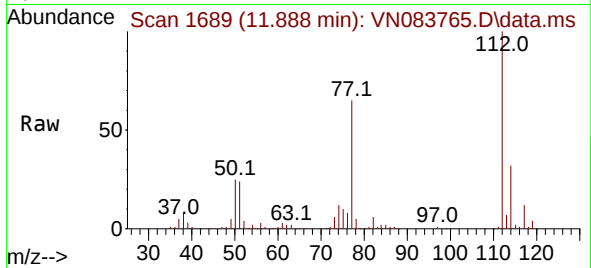




#65
Chlorobenzene
Concen: 45.465 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

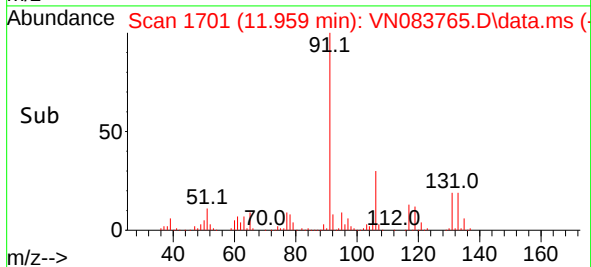
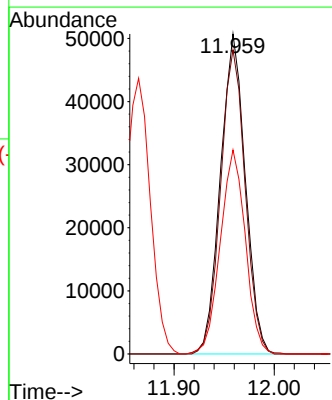
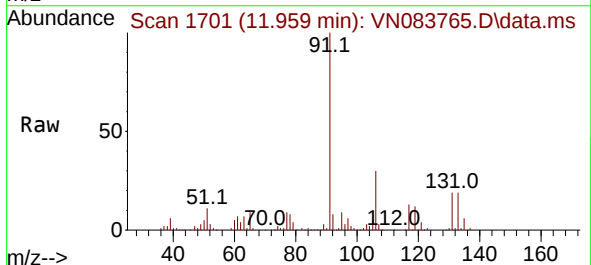
Instrument :
MSVOA_N
ClientSampleId :

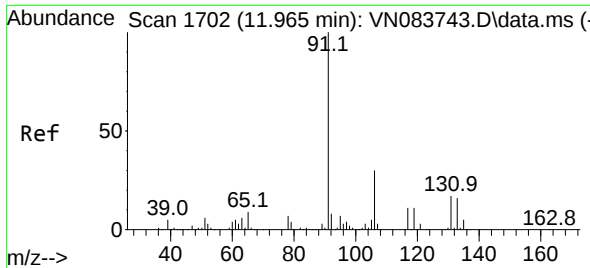
Tgt Ion:112 Resp: 237946
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.189 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:131 Resp: 87431
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 64.1 31.6 94.8

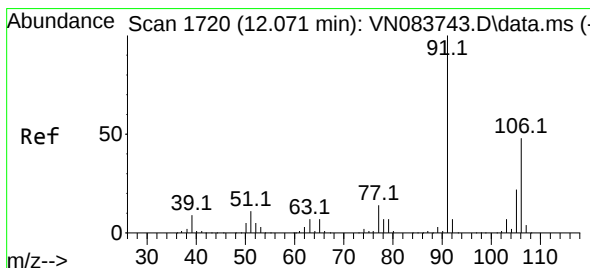
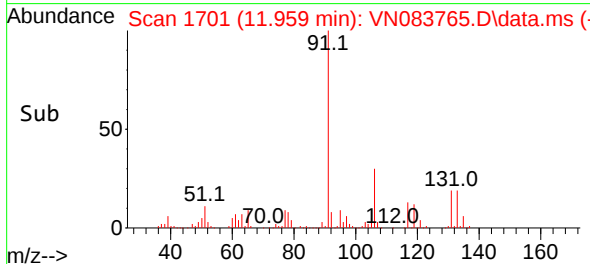
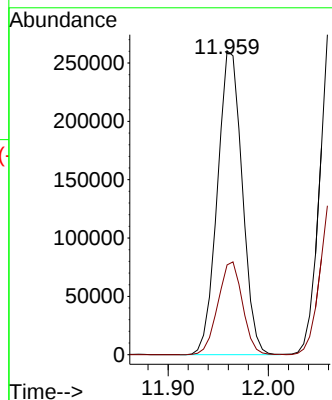
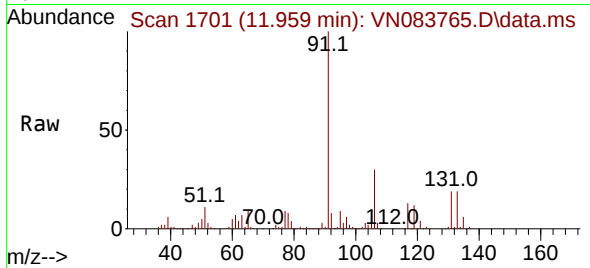




#67
Ethyl Benzene
Concen: 48.096 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

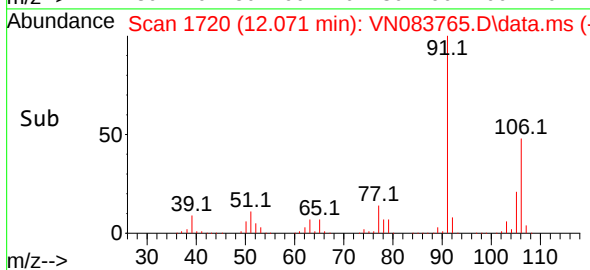
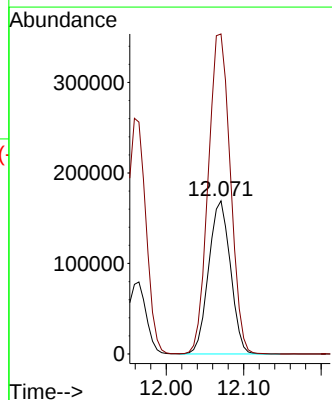
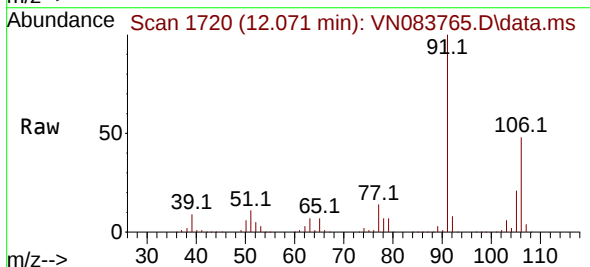
Instrument :
MSVOA_N
ClientSampleId :

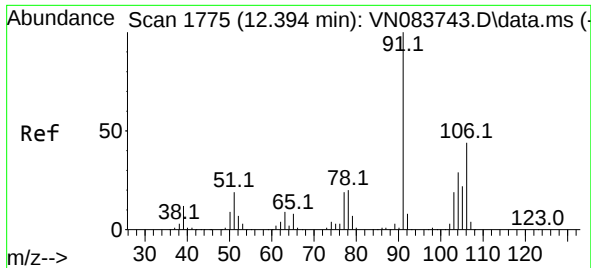
Tgt Ion: 91 Resp: 447153
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5



#68
m/p-Xylenes
Concen: 95.613 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:106 Resp: 330024
Ion Ratio Lower Upper
106 100
91 212.8 169.2 253.8

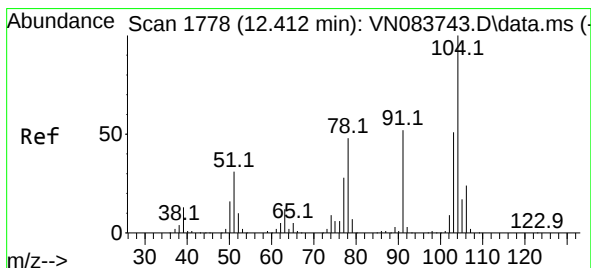
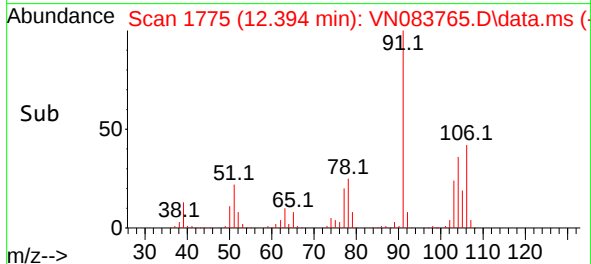
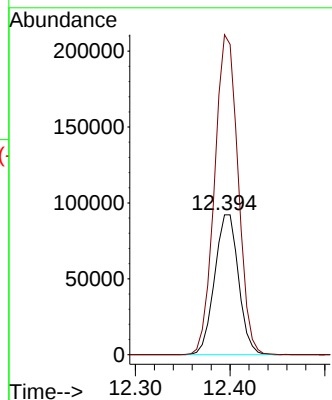
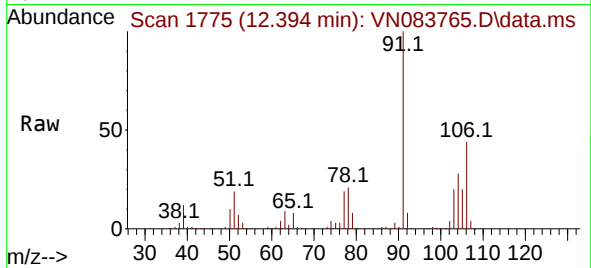




#69
o-Xylene
Concen: 48.411 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

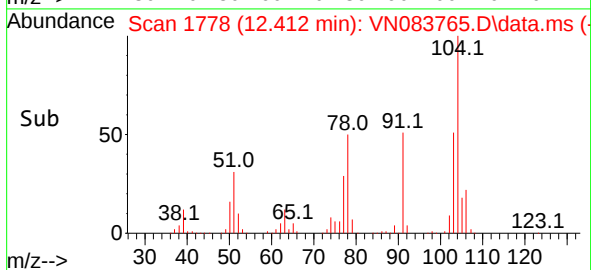
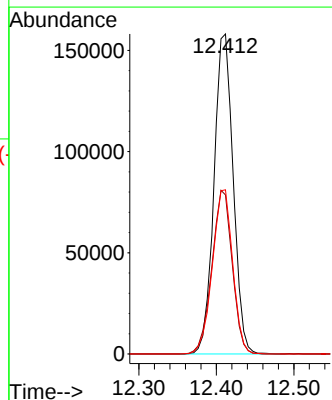
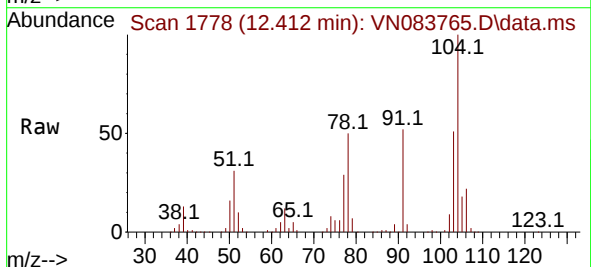
Instrument :
MSVOA_N
ClientSampleId :

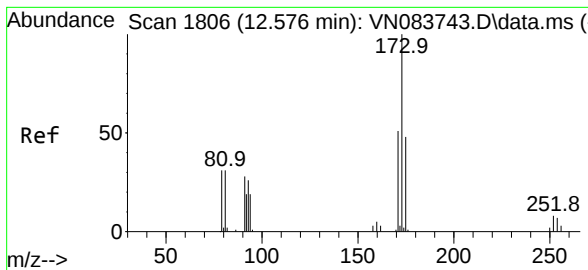
Tgt Ion:106 Resp: 161763
Ion Ratio Lower Upper
106 100
91 225.2 112.9 338.6



#70
Styrene
Concen: 49.611 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:104 Resp: 272058
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.3 43.4 65.2

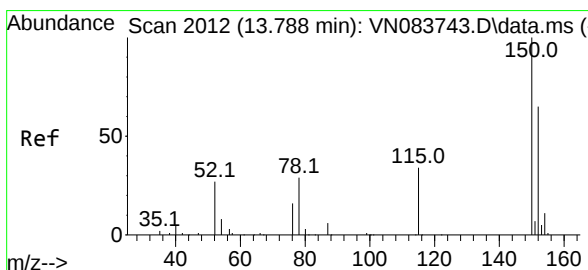
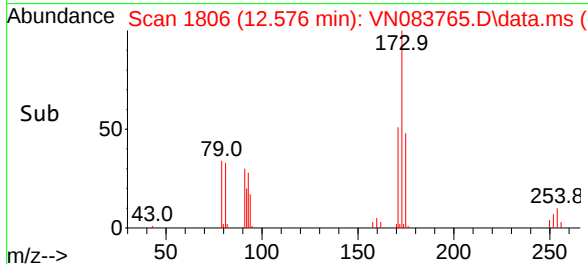
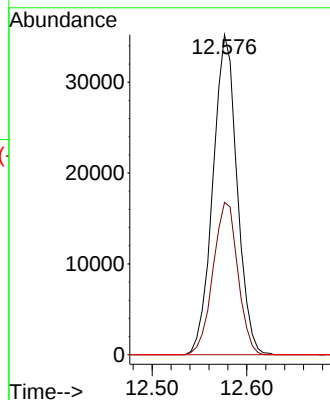
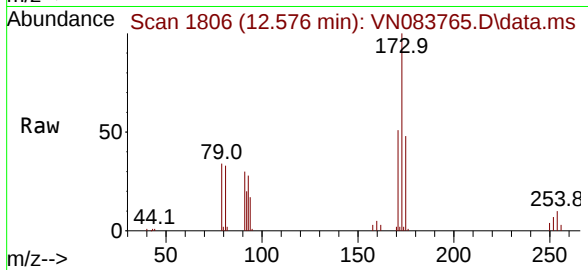




#71
Bromoform
Concen: 51.020 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

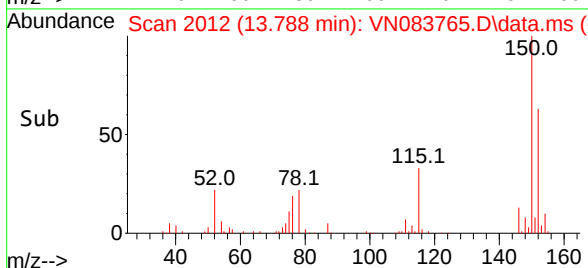
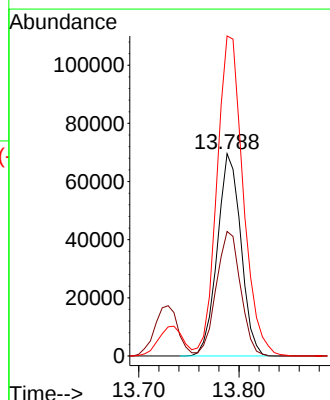
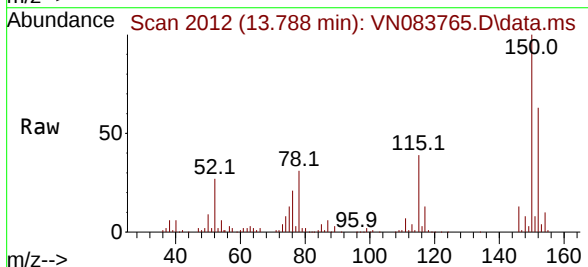
Instrument :
MSVOA_N
ClientSampleId :

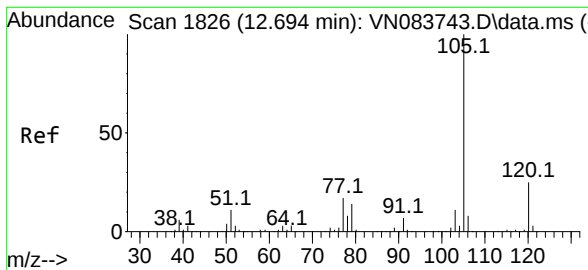
Tgt Ion:173 Resp: 62377
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:152 Resp: 113348
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 176.3 0.0 348.6





#73

Isopropylbenzene

Concen: 48.530 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

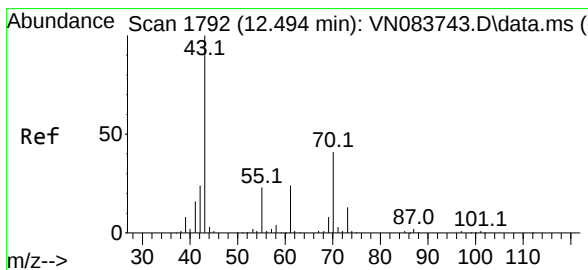
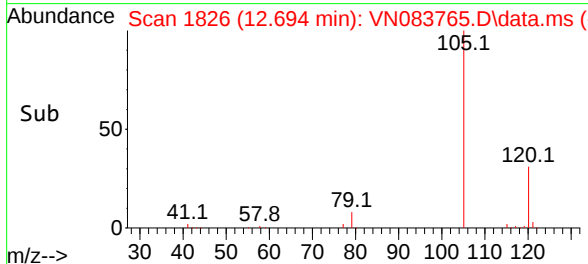
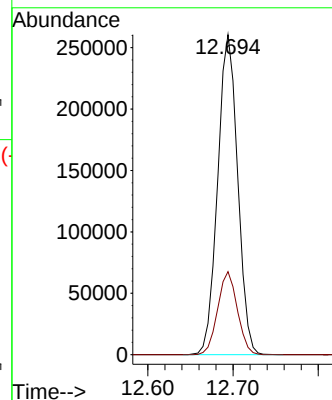
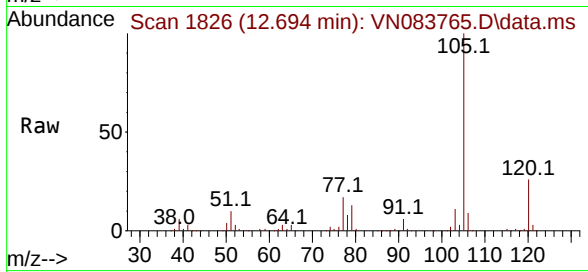
ClientSampleId :

Tgt Ion:105 Resp: 425575

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 50.122 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Tgt Ion: 43 Resp: 187531

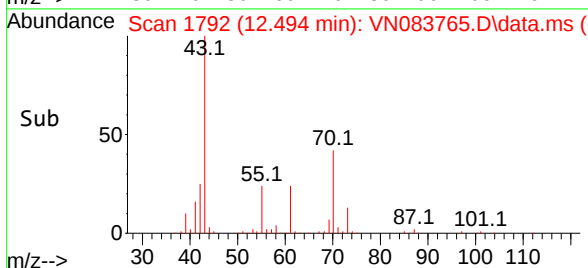
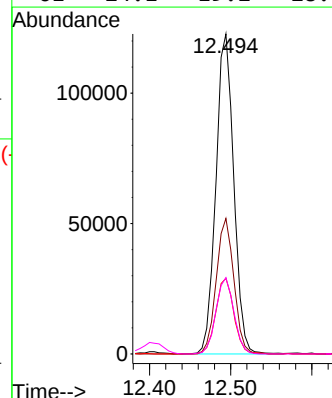
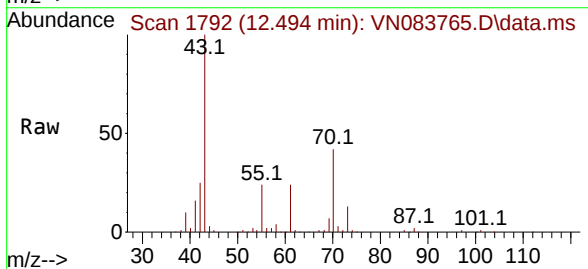
Ion Ratio Lower Upper

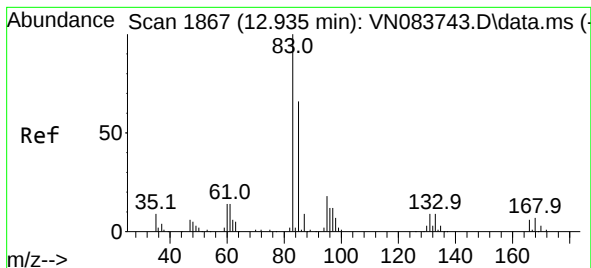
43 100

70 41.8 34.5 51.7

55 24.0 18.6 28.0

61 24.1 19.2 28.8

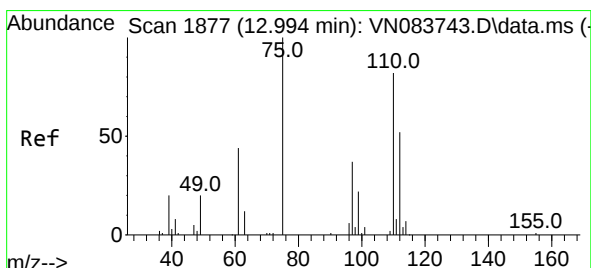
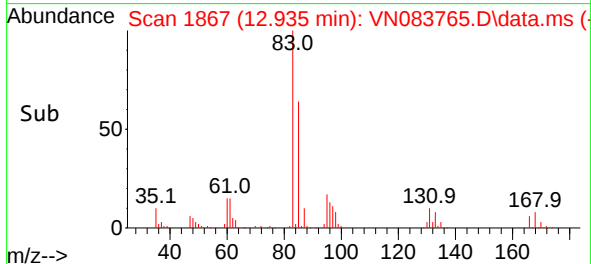
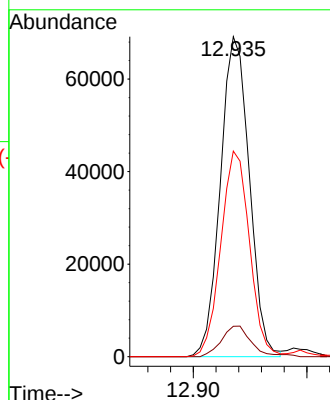
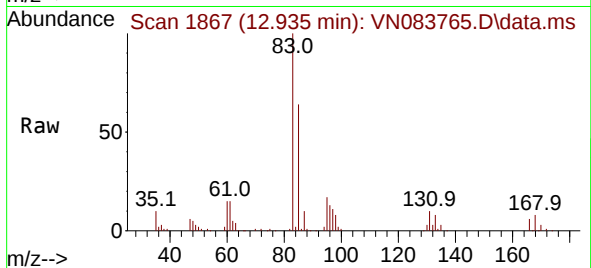




#75
1,1,2,2-Tetrachloroethane
Concen: 47.502 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

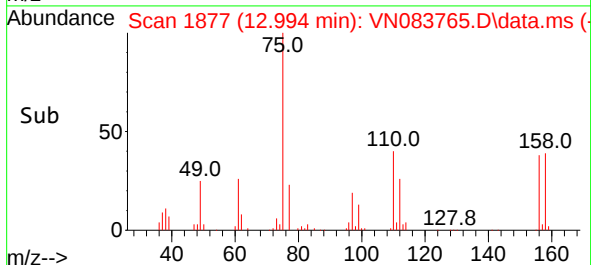
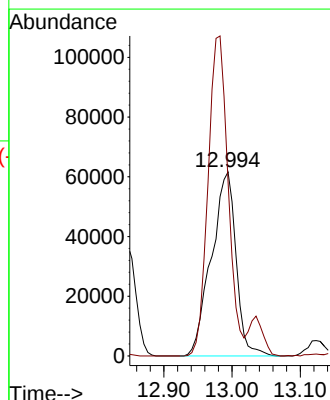
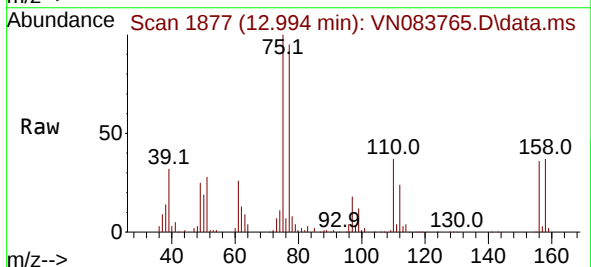
Instrument :
MSVOA_N
ClientSampleId :

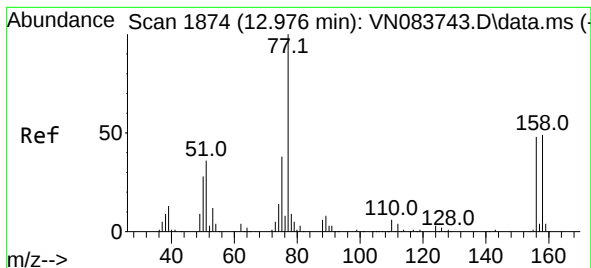
Tgt Ion: 83 Resp: 122393
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 63.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 67.942 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 75 Resp: 155392
Ion Ratio Lower Upper
75 100
77 141.0 95.2 285.6





#77

Bromobenzene

Concen: 44.384 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

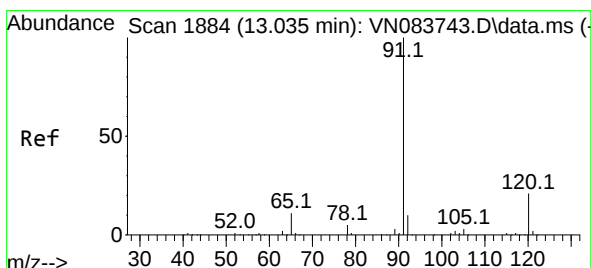
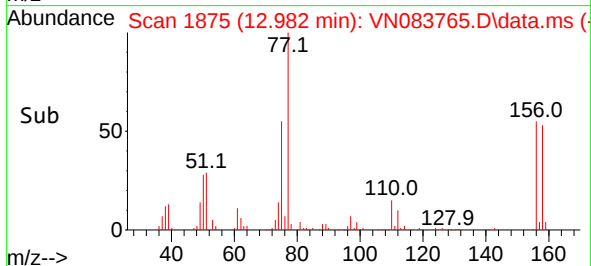
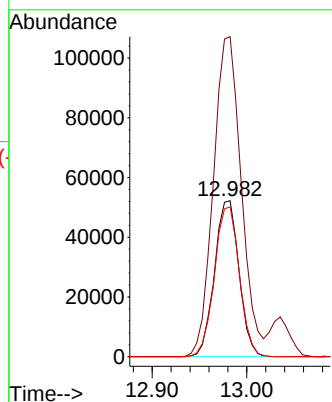
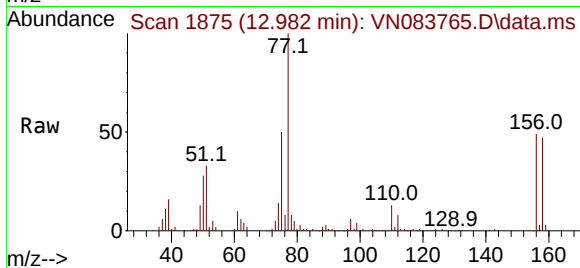
Tgt Ion:156 Resp: 93689

Ion Ratio Lower Upper

156 100

77 233.9 114.3 343.1

158 98.0 48.9 146.7



#78

n-propylbenzene

Concen: 47.872 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083765.D

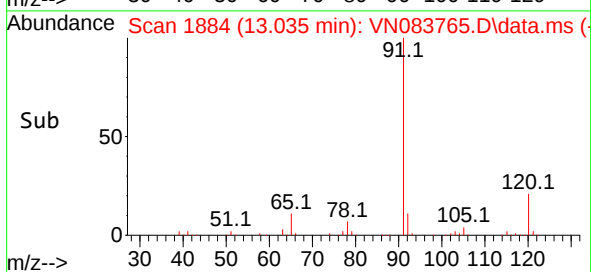
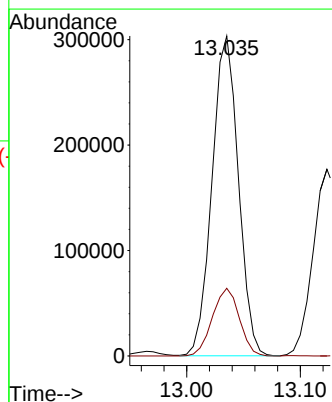
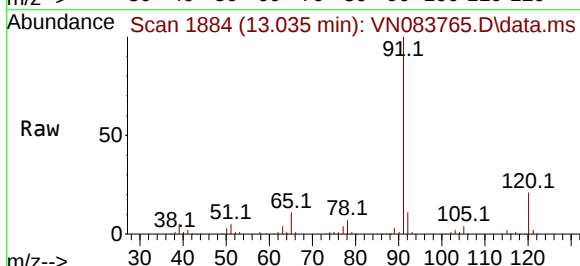
Acq: 11 Sep 2024 02:27

Tgt Ion: 91 Resp: 488451

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0

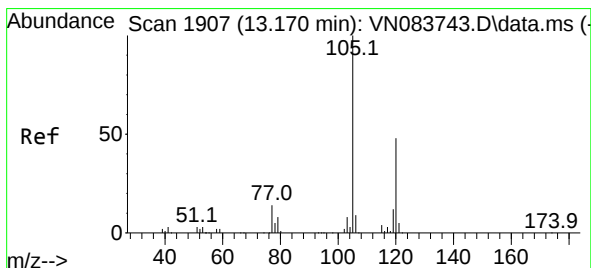
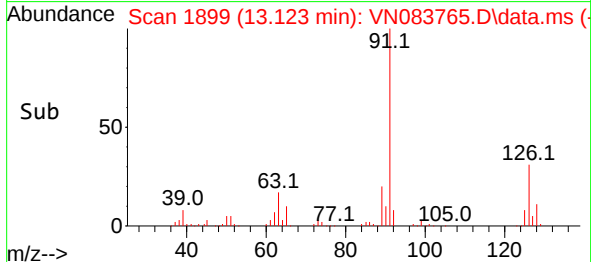
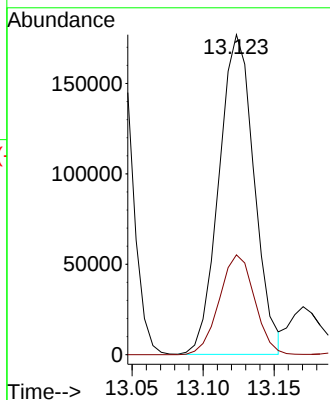
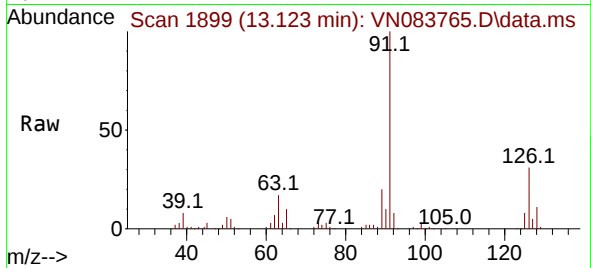




#79
2-Chlorotoluene
Concen: 46.921 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

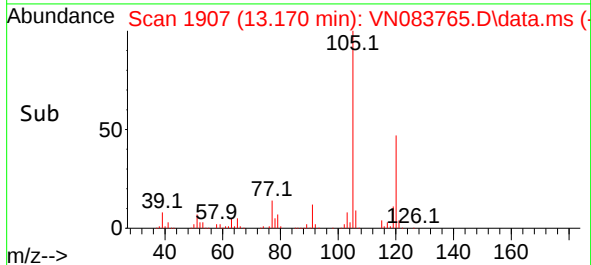
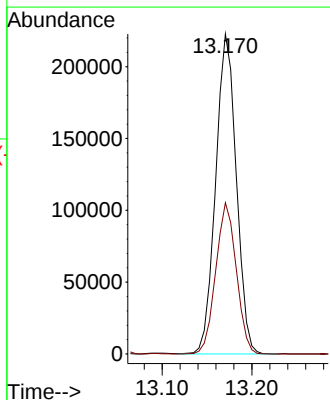
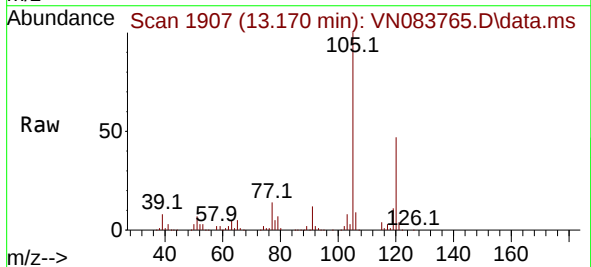
Instrument :
MSVOA_N
ClientSampleId :

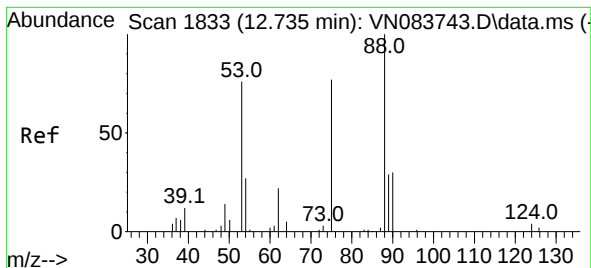
Tgt Ion: 91 Resp: 305317
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 48.116 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 105 Resp: 355737
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.3

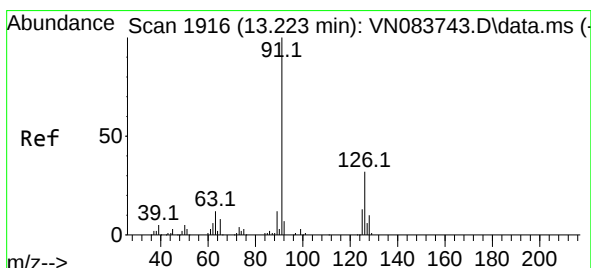
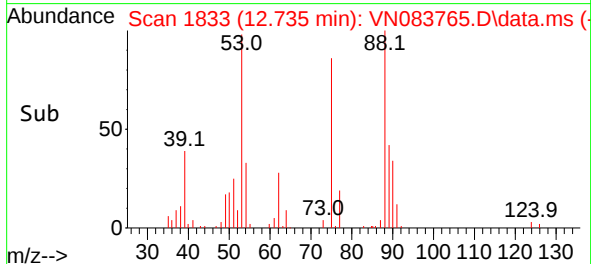
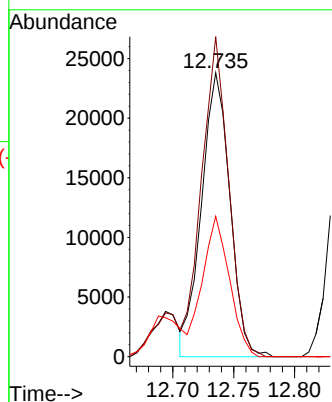
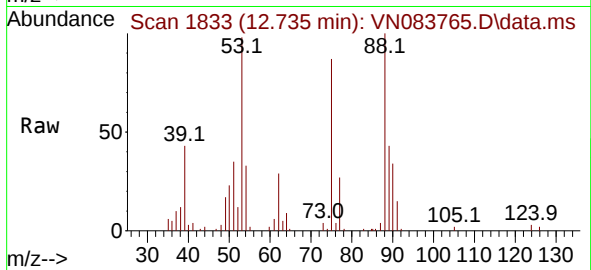




#81
trans-1,4-Dichloro-2-butene
Concen: 44.222 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

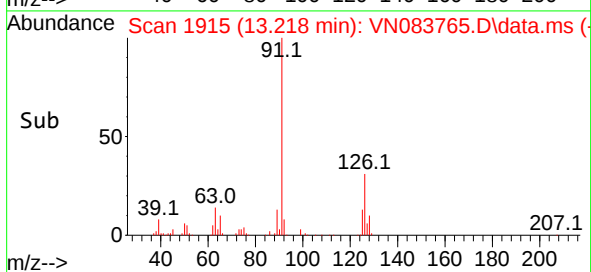
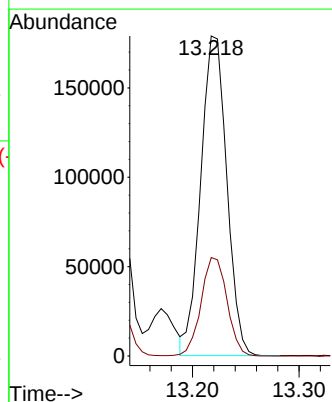
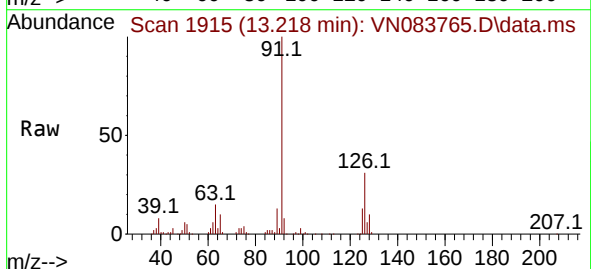
Instrument :
MSVOA_N
ClientSampleId :

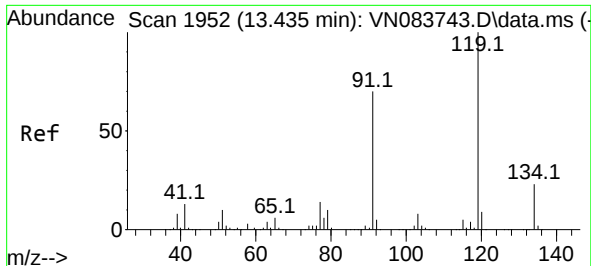
Tgt Ion: 75 Resp: 38617
Ion Ratio Lower Upper
75 100
53 107.5 81.2 121.8
89 46.7 35.7 53.5



#82
4-Chlorotoluene
Concen: 46.555 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion: 91 Resp: 304001
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

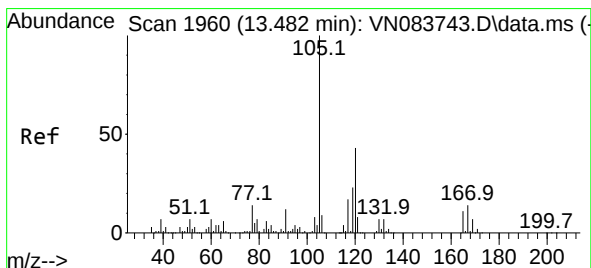
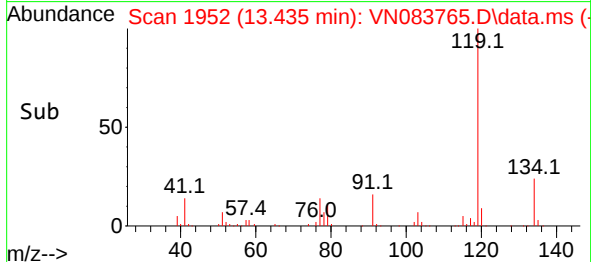
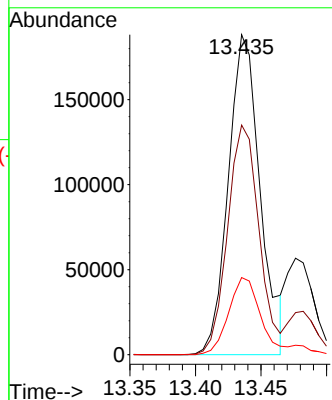
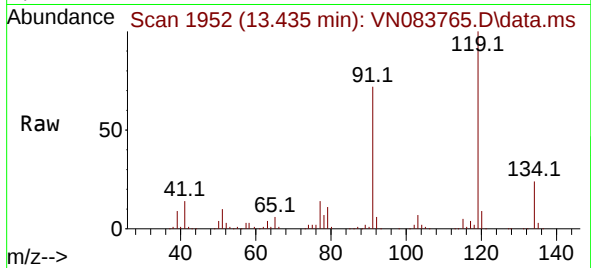




#83
tert-Butylbenzene
Concen: 49.160 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

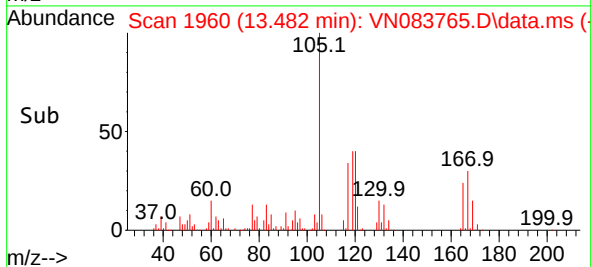
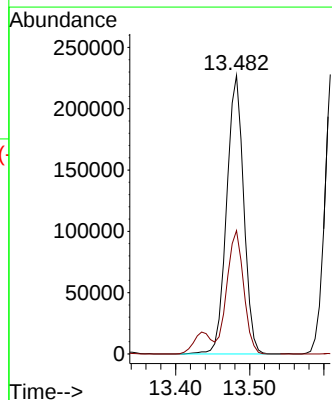
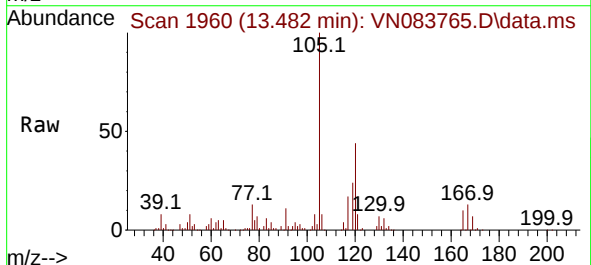
Instrument :
MSVOA_N
ClientSampleId :

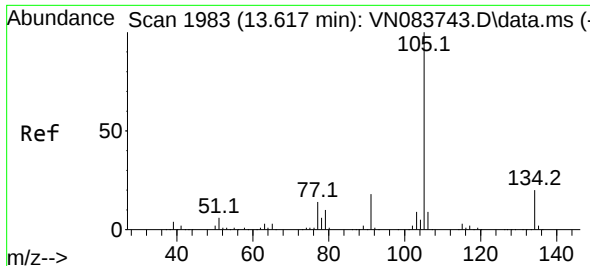
Tgt Ion:119 Resp: 317987
Ion Ratio Lower Upper
119 100
91 70.9 34.5 103.6
134 25.9 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 48.797 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

Tgt Ion:105 Resp: 362404
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4

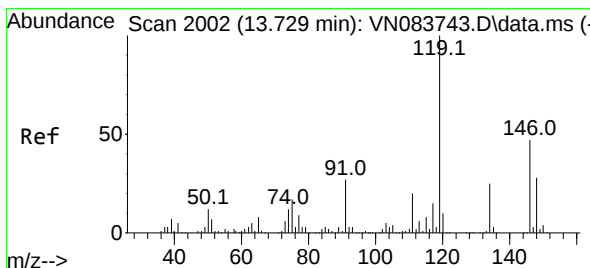
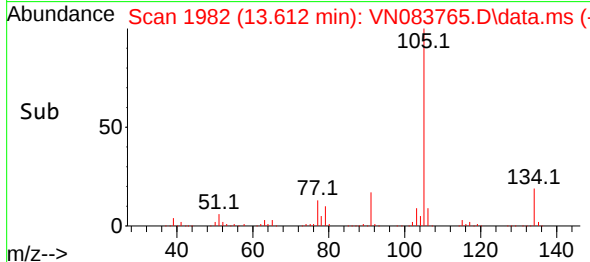
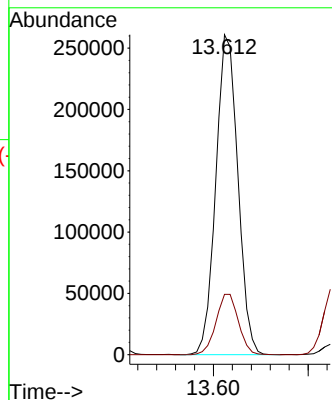
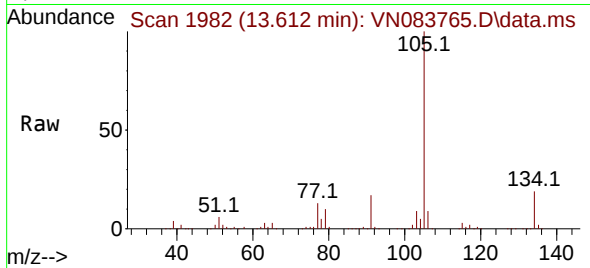




#85
 sec-Butylbenzene
 Concen: 49.235 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

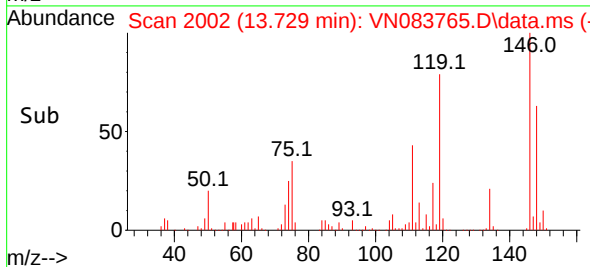
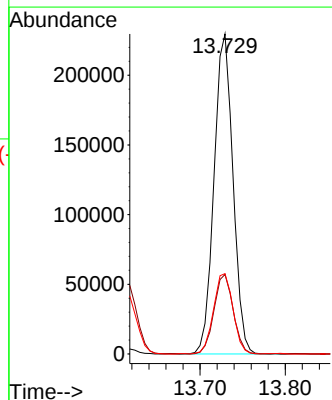
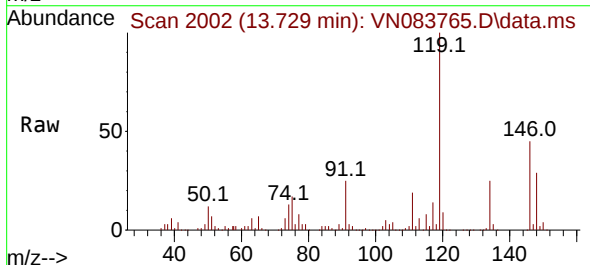
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp: 422363
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.307 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083765.D
 Acq: 11 Sep 2024 02:27

Tgt Ion:119 Resp: 354576
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 25.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 44.947 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

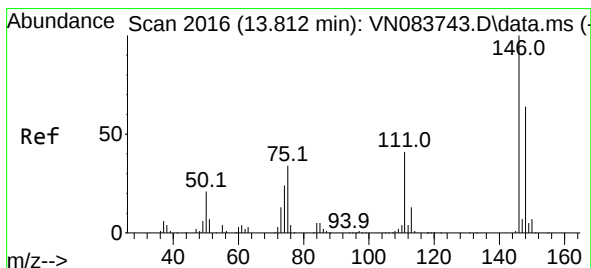
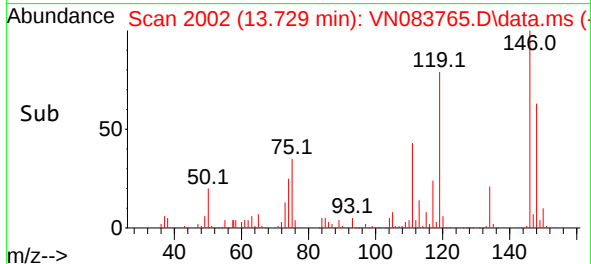
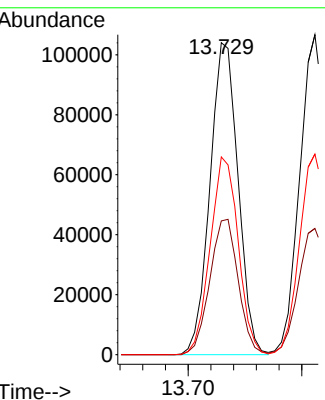
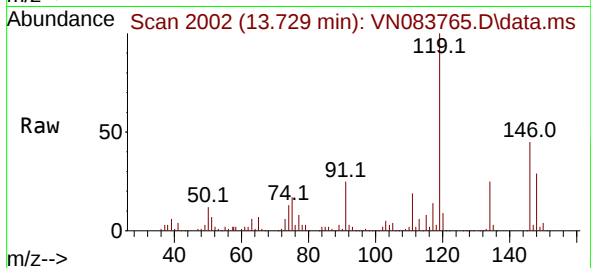
Tgt Ion:146 Resp: 179058

Ion Ratio Lower Upper

146 100

111 43.9 21.7 65.1

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.484 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

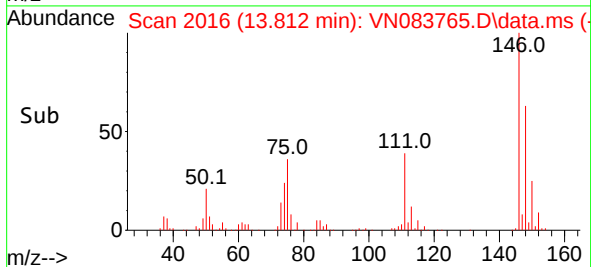
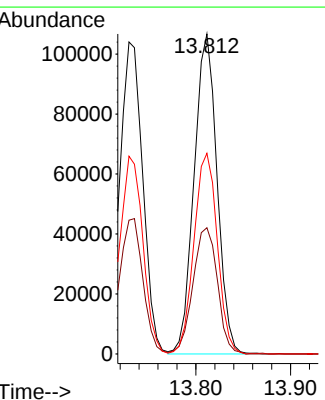
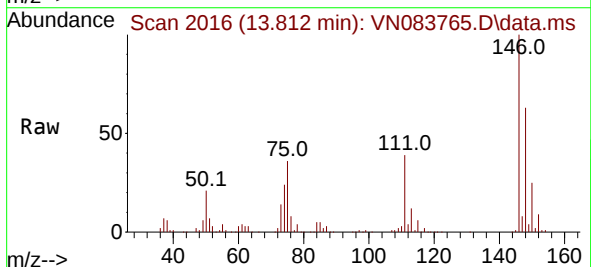
Tgt Ion:146 Resp: 179442

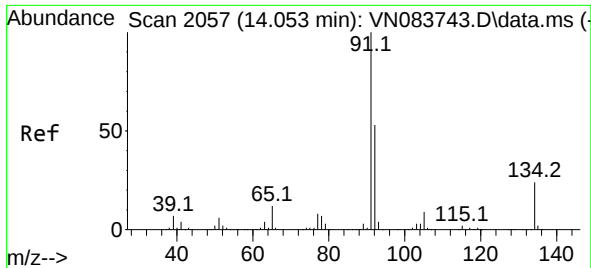
Ion Ratio Lower Upper

146 100

111 41.8 21.3 64.0

148 63.8 32.0 96.2

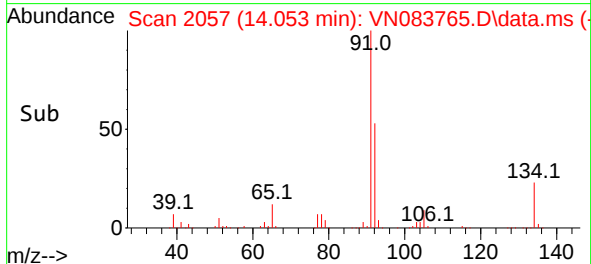
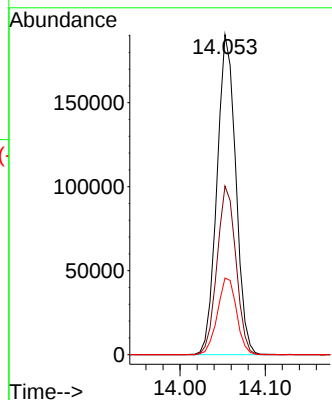
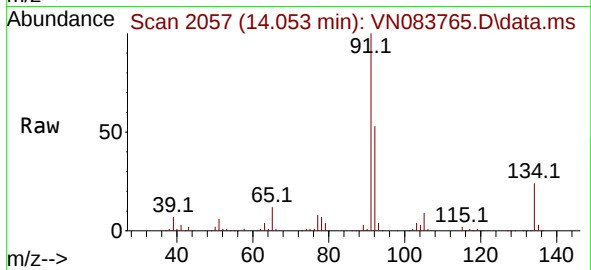




#89
n-Butylbenzene
Concen: 45.294 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

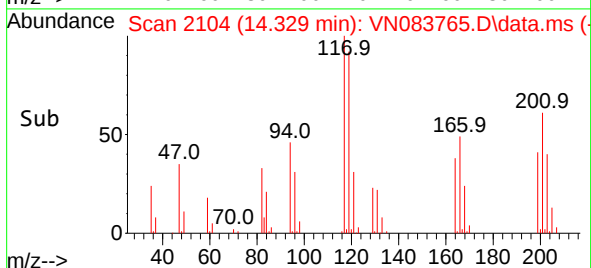
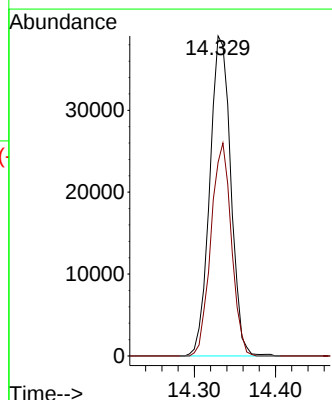
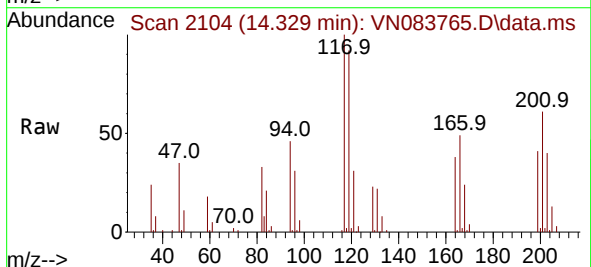
Instrument :
MSVOA_N
ClientSampleId :

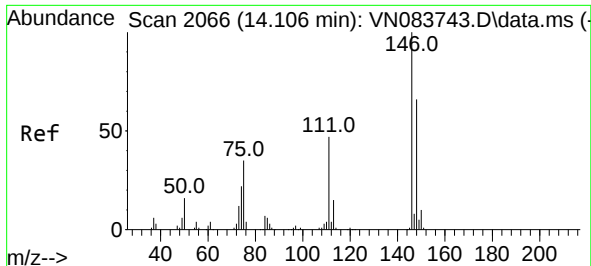
Tgt Ion: 91 Resp: 292443
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 24.4 12.2 36.4



#90
Hexachloroethane
Concen: 48.586 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

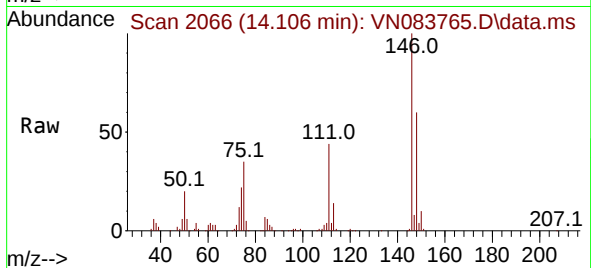
Tgt Ion: 117 Resp: 70234
Ion Ratio Lower Upper
117 100
201 64.7 32.8 98.3



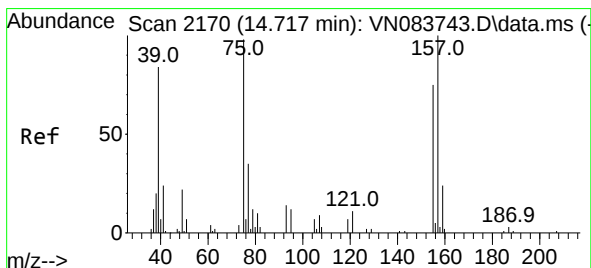
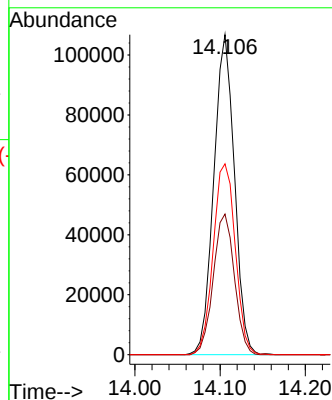
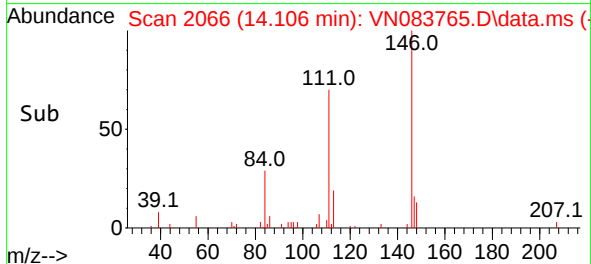


#91
1,2-Dichlorobenzene
Concen: 46.714 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27

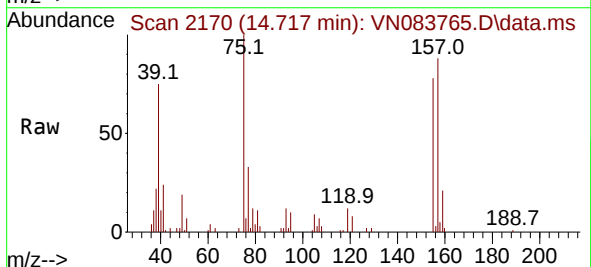
Instrument :
MSVOA_N
ClientSampleId :



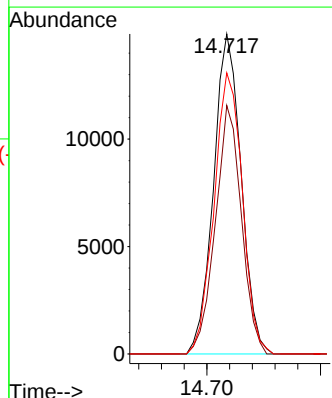
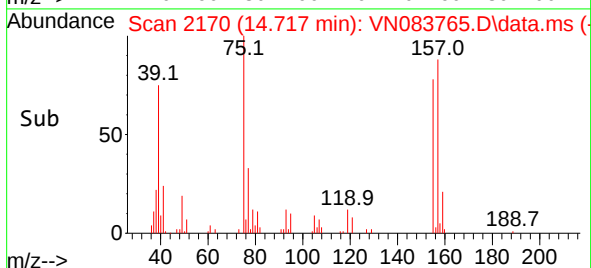
Tgt Ion:146 Resp: 179601
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 63.8 32.1 96.5

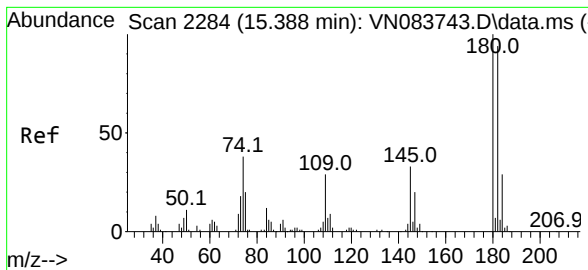


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.942 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083765.D
Acq: 11 Sep 2024 02:27



Tgt Ion: 75 Resp: 25138
Ion Ratio Lower Upper
75 100
155 73.4 35.9 107.7
157 90.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 43.444 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

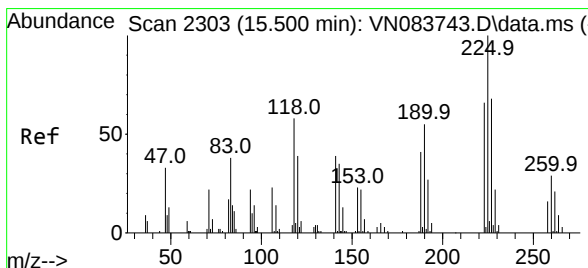
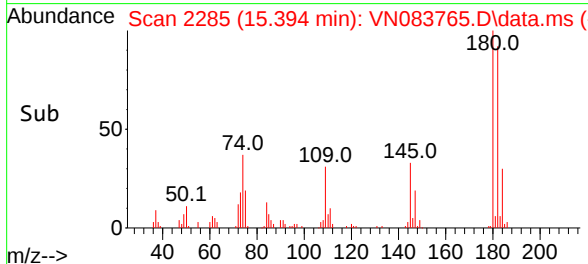
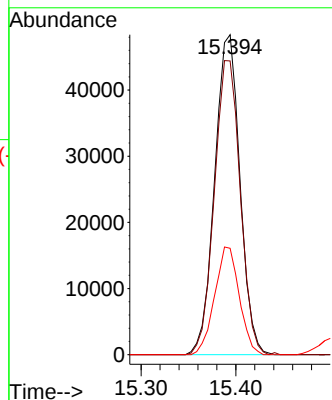
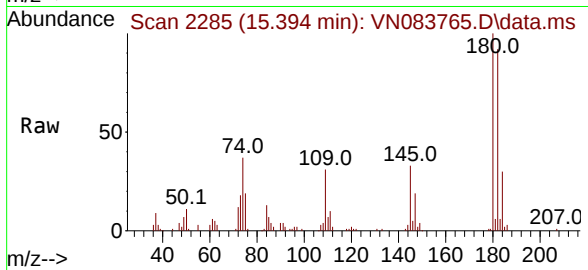
Tgt Ion:180 Resp: 89632

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.3

145 32.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 43.276 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

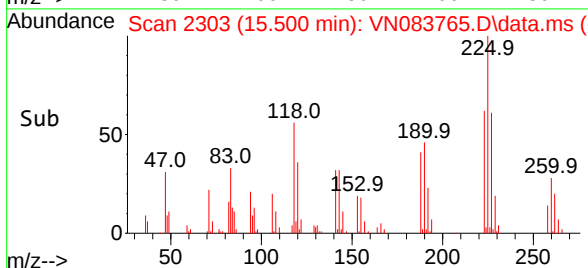
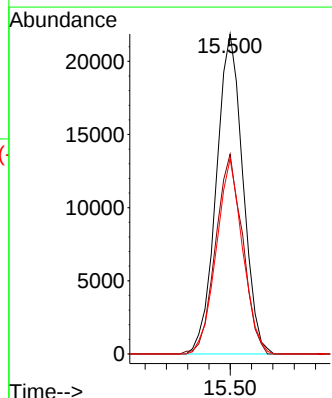
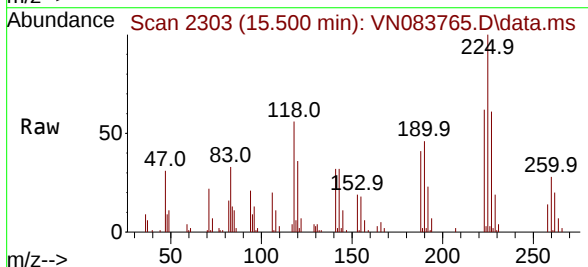
Tgt Ion:225 Resp: 37917

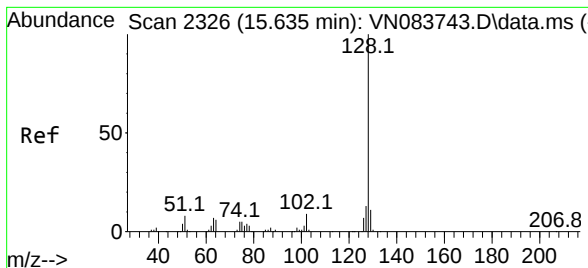
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.5

227 60.5 32.0 96.2





#95

Naphthalene

Concen: 46.753 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Instrument :

MSVOA_N

ClientSampleId :

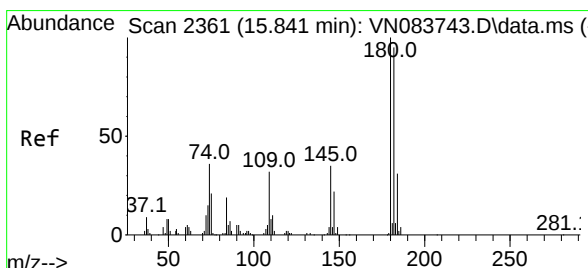
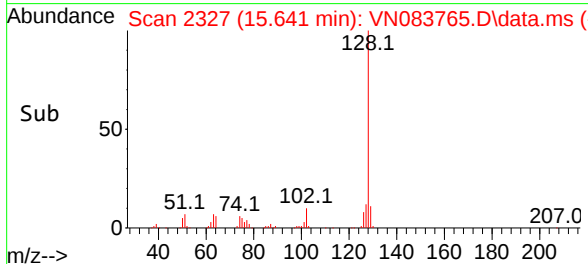
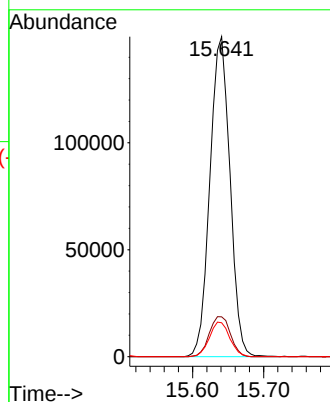
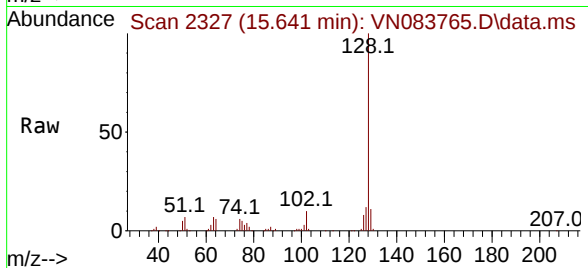
Tgt Ion:128 Resp: 293459

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.656 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083765.D

Acq: 11 Sep 2024 02:27

Tgt Ion:180 Resp: 88050

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.4

145 35.2 17.8 53.5

