

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083721.D
 Acq On : 09 Sep 2024 17:00
 Operator : JC\MD
 Sample : VN0909WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:12:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	131458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116708	63.523	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.040%#	
35) Dibromofluoromethane	8.165	113	81030	57.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.780%	
50) Toluene-d8	10.565	98	296782	54.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.847	95	115458	57.178	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33727	24.241	ug/l	97
3) Chloromethane	2.359	50	35862	22.127	ug/l	97
4) Vinyl Chloride	2.512	62	35497	21.885	ug/l	97
5) Bromomethane	2.901	94	21203	24.867	ug/l	99
6) Chloroethane	3.071	64	25433	23.995	ug/l	98
7) Trichlorofluoromethane	3.471	101	58935	22.064	ug/l	98
8) Diethyl Ether	3.953	74	22212	23.262	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	32568	22.483	ug/l	99
10) Methyl Iodide	4.577	142	41941	21.404	ug/l	94
11) Tert butyl alcohol	5.536	59	32038	111.841	ug/l	99
12) 1,1-Dichloroethene	4.330	96	30133	20.924	ug/l	98
13) Acrolein	4.171	56	24013	88.605	ug/l	96
14) Allyl chloride	5.012	41	53941	21.008	ug/l	95
15) Acrylonitrile	5.718	53	84348	119.396	ug/l	99
16) Acetone	4.430	43	83981	114.625	ug/l	94
17) Carbon Disulfide	4.695	76	81332	19.380	ug/l	99
18) Methyl Acetate	5.024	43	40903	20.992	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	115931	22.694	ug/l	100
20) Methylene Chloride	5.271	84	34832	21.529	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	31394	20.928	ug/l	88
22) Diisopropyl ether	6.671	45	118008	23.308	ug/l	99
23) Vinyl Acetate	6.600	43	447780	119.341	ug/l	99
24) 1,1-Dichloroethane	6.559	63	64354	22.289	ug/l	98
25) 2-Butanone	7.483	43	115484	115.769	ug/l	97
26) 2,2-Dichloropropane	7.483	77	58294	21.685	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	39315	21.963	ug/l	99
28) Bromochloromethane	7.812	49	31092	23.060	ug/l	96
29) Tetrahydrofuran	7.841	42	72509	117.186	ug/l	99
30) Chloroform	7.965	83	68006	22.356	ug/l	93
31) Cyclohexane	8.247	56	57824	20.346	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	61985	22.534	ug/l	98
36) 1,1-Dichloropropene	8.365	75	44253	20.727	ug/l	99
37) Ethyl Acetate	7.559	43	49903	23.485	ug/l	98
38) Carbon Tetrachloride	8.359	117	52516	21.558	ug/l	98
39) Methylcyclohexane	9.600	83	53620	20.929	ug/l	100
40) Benzene	8.600	78	143224	21.807	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26881	22.169	ug/l	99
42) 1,2-Dichloroethane	8.665	62	56321	23.133	ug/l	100
43) Isopropyl Acetate	8.688	43	83130	18.758	ug/l	97
44) Trichloroethene	9.353	130	32180	20.368	ug/l	100
45) 1,2-Dichloropropane	9.618	63	35480	23.190	ug/l	97
46) Dibromomethane	9.706	93	25198	22.324	ug/l	99
47) Bromodichloromethane	9.888	83	53779	22.382	ug/l	96
48) Methyl methacrylate	9.682	41	39828	22.852	ug/l	98
49) 1,4-Dioxane	9.694	88	13887	486.277	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	230209	116.534	ug/l	99
52) Toluene	10.629	92	88375	21.515	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	53927	21.680	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57136	21.884	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	33601	22.918	ug/l	95
56) Ethyl methacrylate	10.871	69	54782	22.587	ug/l	95
57) 1,3-Dichloropropane	11.165	76	59591	22.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	95918	91.013	ug/l	99
59) 2-Hexanone	11.194	43	171915	115.960	ug/l	97
60) Dibromochloromethane	11.359	129	39026	22.972	ug/l	97
61) 1,2-Dibromoethane	11.465	107	34851	23.267	ug/l	99
64) Tetrachloroethene	11.106	164	27150	19.812	ug/l	95
65) Chlorobenzene	11.888	112	93132	19.919	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33730	21.367	ug/l	99
67) Ethyl Benzene	11.965	91	169736	20.337	ug/l	96
68) m/p-Xylenes	12.071	106	123993	39.437	ug/l	97
69) o-Xylene	12.400	106	60701	19.975	ug/l	97
70) Styrene	12.412	104	101938	19.951	ug/l	99
71) Bromoform	12.576	173	24519	21.806	ug/l #	100
73) Isopropylbenzene	12.694	105	156480	19.229	ug/l	99
74) N-amyl acetate	12.494	43	72603	20.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	48866	21.152	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	62146	30.614	ug/l	66
77) Bromobenzene	12.976	156	38975	20.414	ug/l	97
78) n-propylbenzene	13.035	91	180701	19.206	ug/l	100
79) 2-Chlorotoluene	13.123	91	116328	19.080	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	134171	19.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16734	19.443	ug/l	97
82) 4-Chlorotoluene	13.223	91	115268	18.610	ug/l	100
83) tert-Butylbenzene	13.435	119	117226	19.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	137032	19.858	ug/l	99
85) sec-Butylbenzene	13.618	105	154553	19.078	ug/l	100
86) p-Isopropyltoluene	13.729	119	130052	19.221	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	68851	18.577	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69982	18.377	ug/l	99
89) n-Butylbenzene	14.059	91	110530	18.571	ug/l	98
90) Hexachloroethane	14.335	117	25930	19.688	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	68799	19.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10390	20.737	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	36257	17.914	ug/l	98
94) Hexachlorobutadiene	15.500	225	15246	18.810	ug/l	95
95) Naphthalene	15.641	128	116269	17.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33668	16.653	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

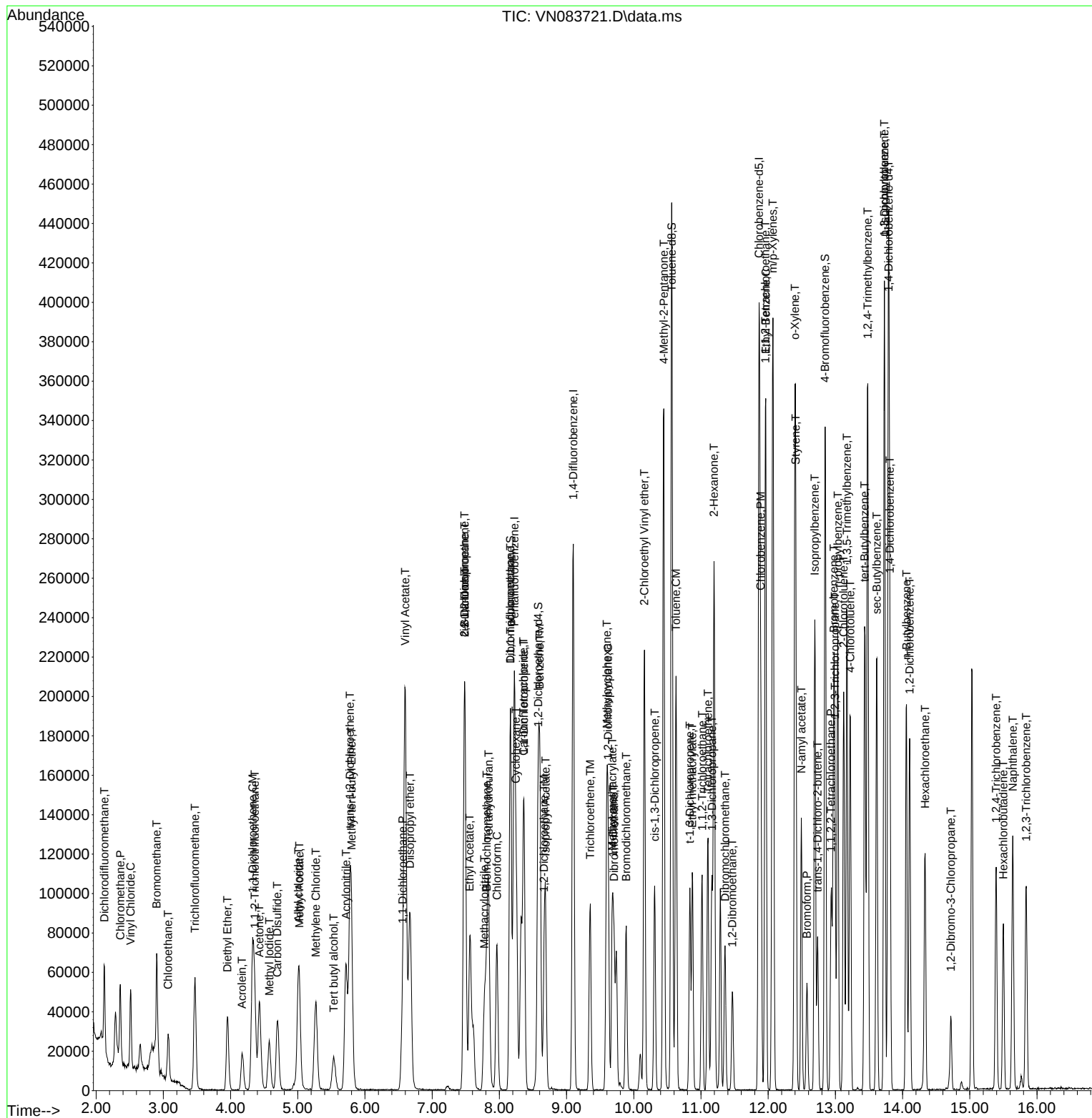
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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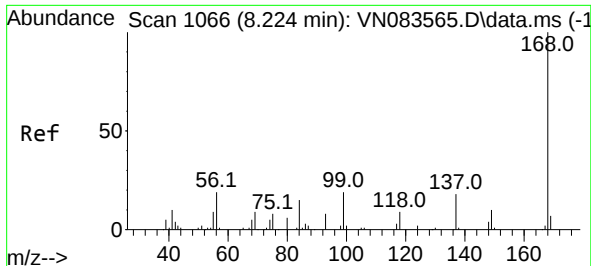
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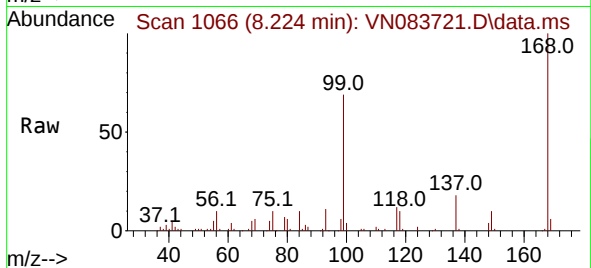
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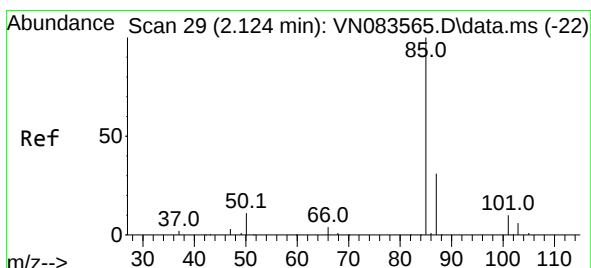
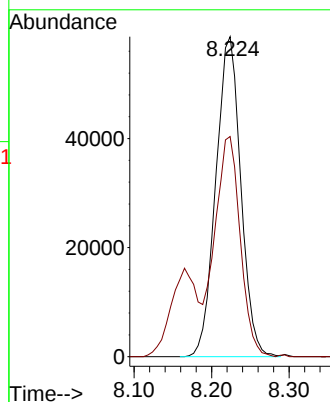
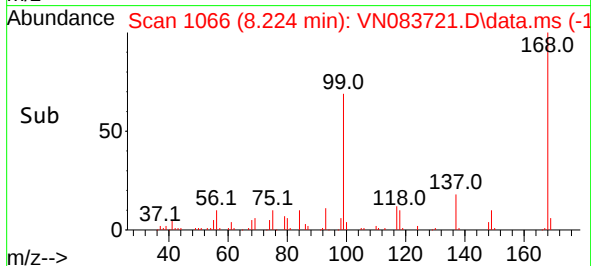


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083721.D
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ClientSampleId :

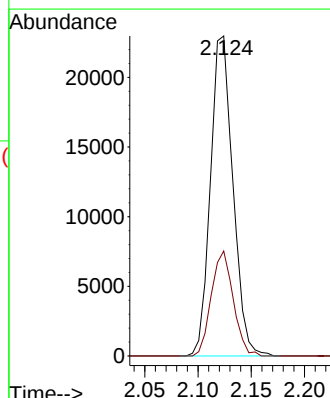
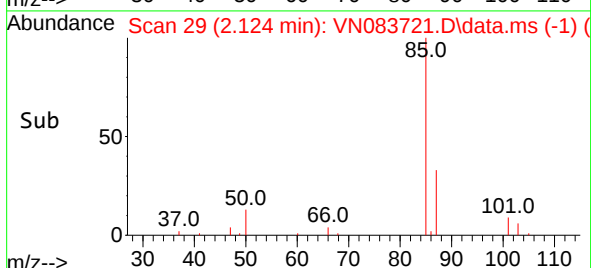
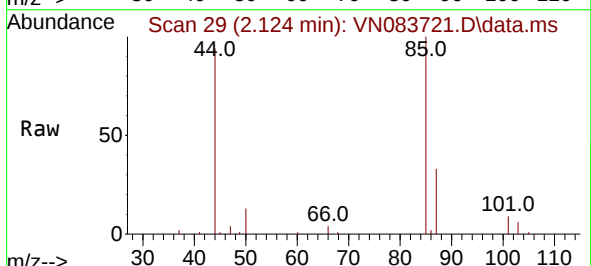


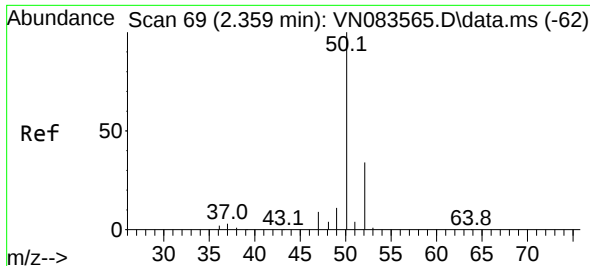
Tgt Ion:168 Resp: 131458
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 24.241 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 85 Resp: 33727
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

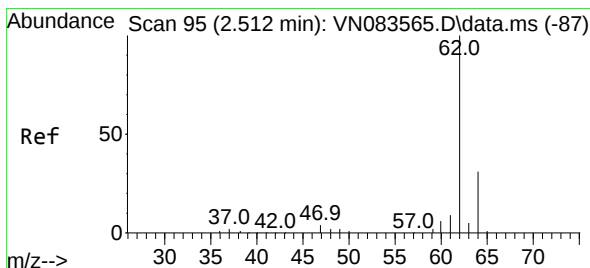
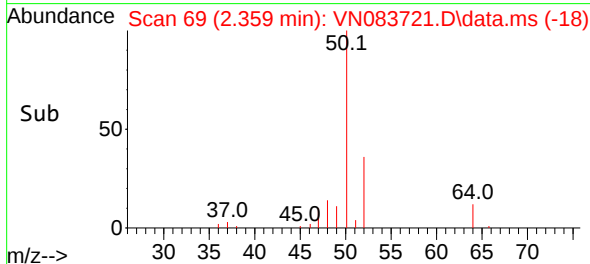
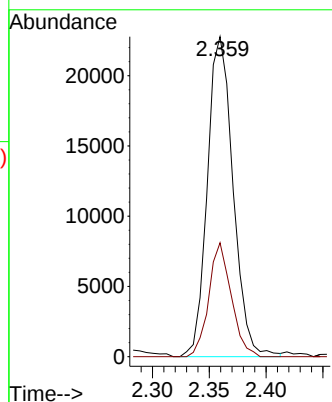
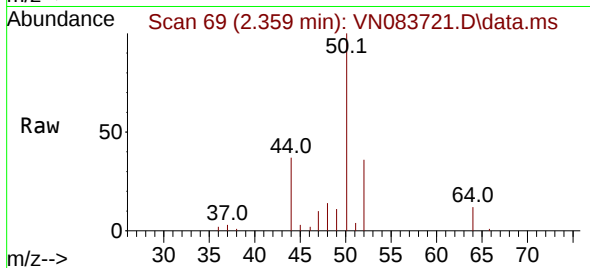




#3
Chloromethane
Concen: 22.127 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

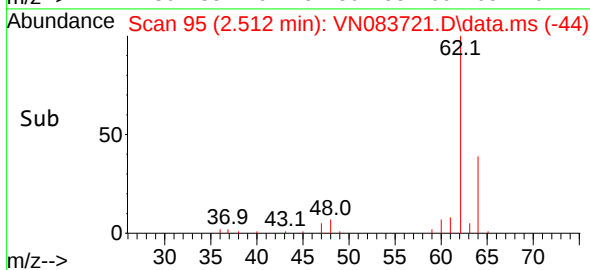
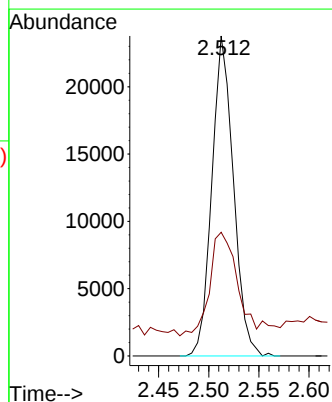
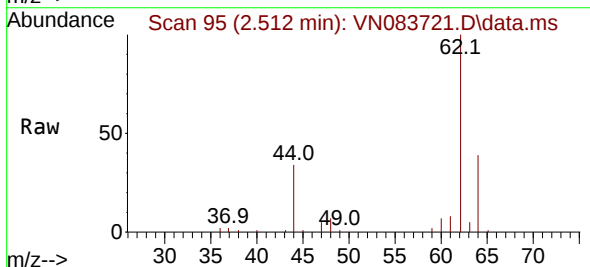
Instrument :
MSVOA_N
ClientSampleId :

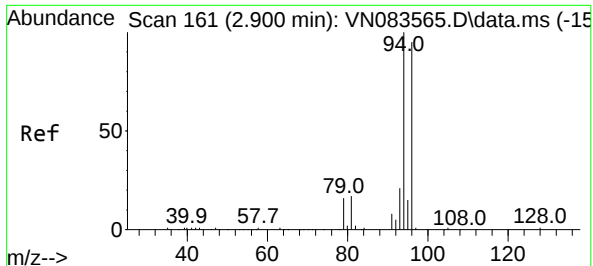
Tgt Ion: 50 Resp: 35862
Ion Ratio Lower Upper
50 100
52 35.6 27.2 40.8



#4
Vinyl Chloride
Concen: 21.885 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 62 Resp: 35497
Ion Ratio Lower Upper
62 100
64 32.3 24.7 37.1

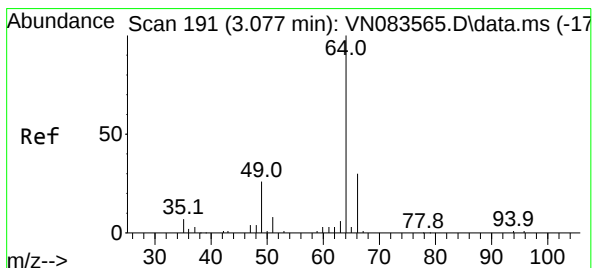
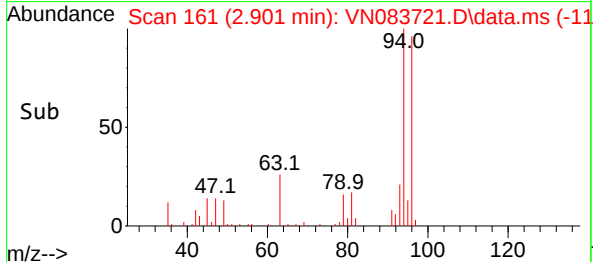
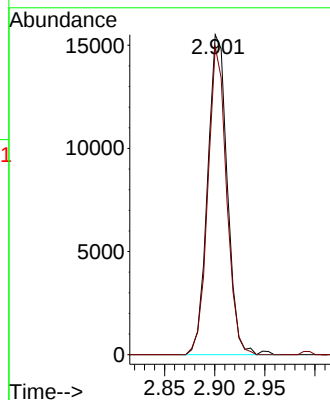
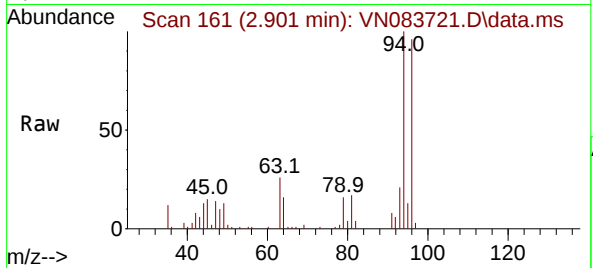




#5
Bromomethane
Concen: 24.867 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

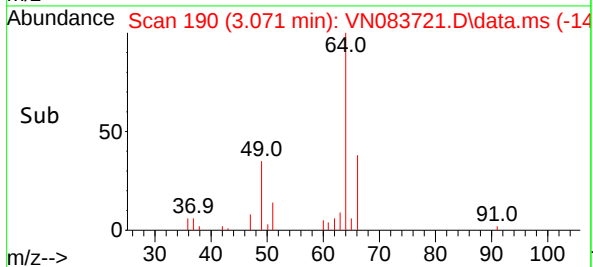
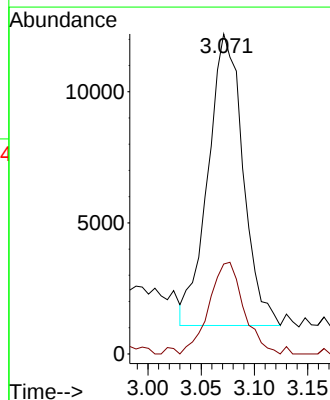
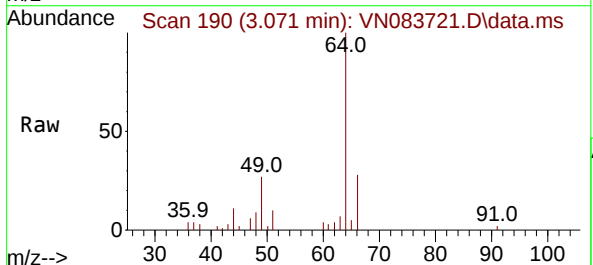
Instrument :
MSVOA_N
ClientSampleId :

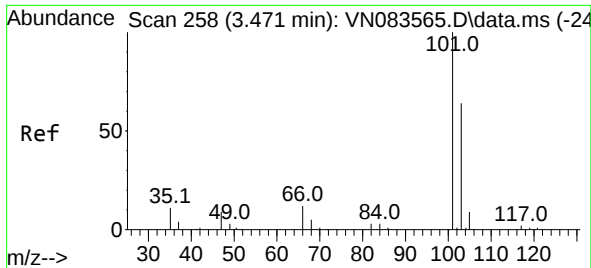
Tgt Ion: 94 Resp: 21203
Ion Ratio Lower Upper
94 100
96 96.2 76.0 114.0



#6
Chloroethane
Concen: 23.995 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 64 Resp: 25433
Ion Ratio Lower Upper
64 100
66 30.9 23.9 35.9

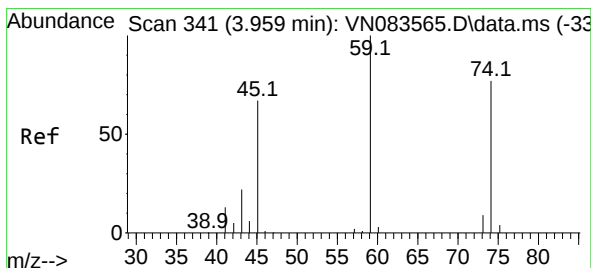
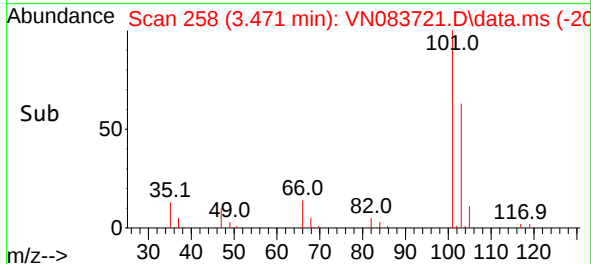
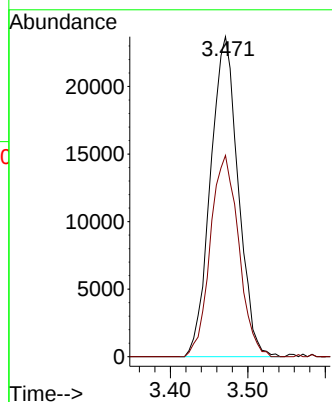
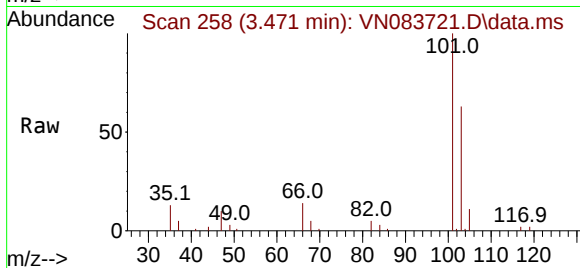




#7
 Trichlorofluoromethane
 Concen: 22.064 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

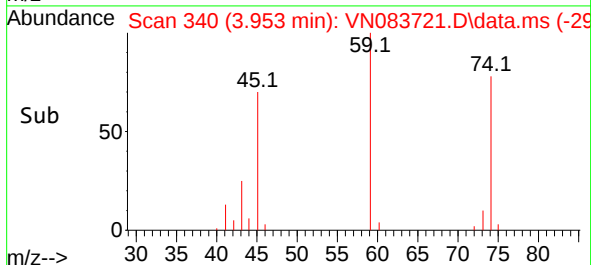
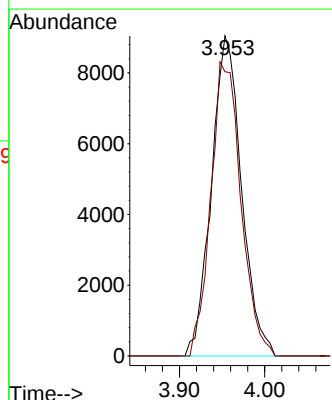
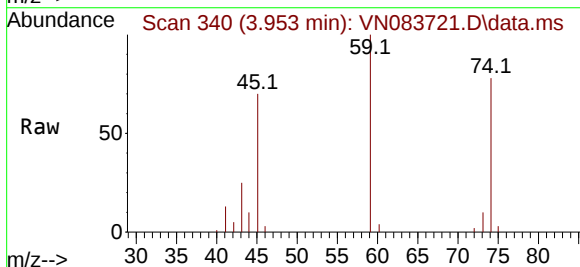
Instrument :
 MSVOA_N
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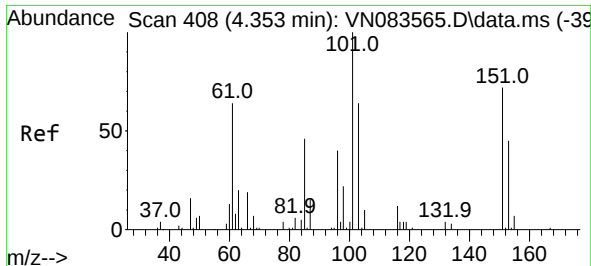
Tgt Ion:101 Resp: 58935
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 23.262 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

Tgt Ion: 74 Resp: 22212
 Ion Ratio Lower Upper
 74 100
 45 92.0 46.7 140.1

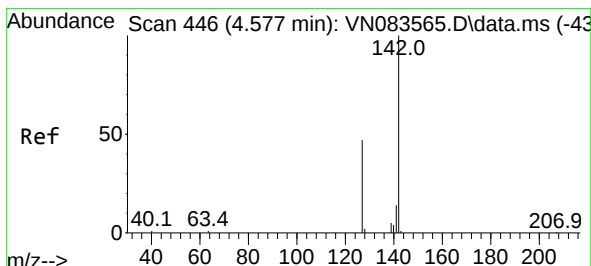
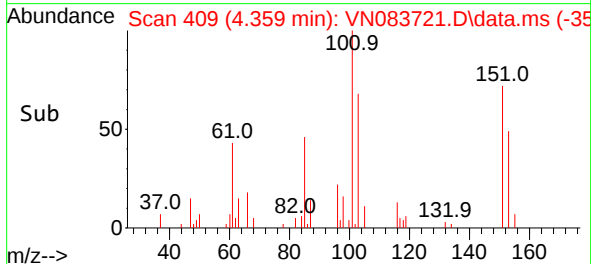
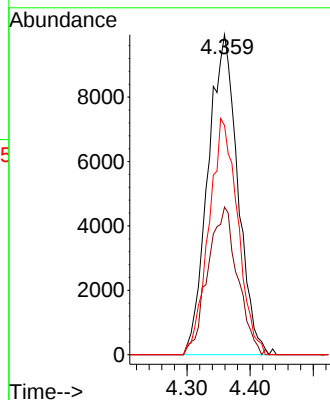
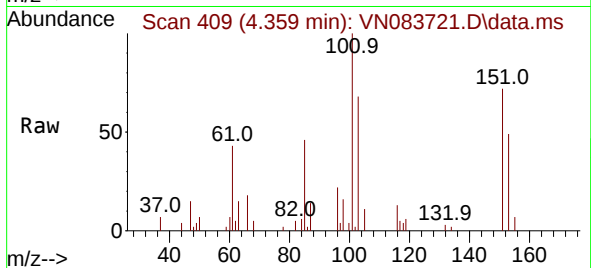




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.483 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

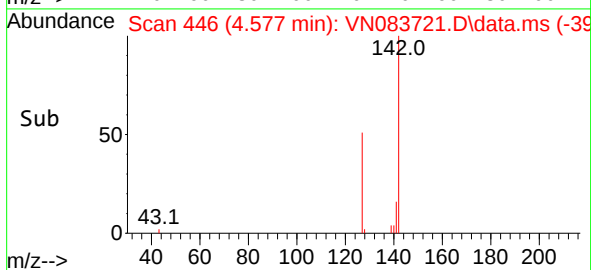
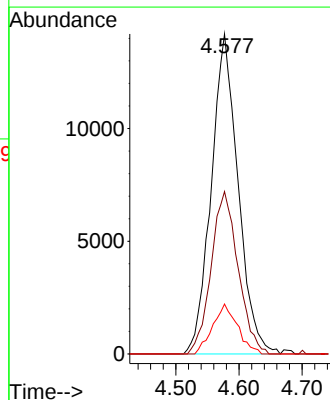
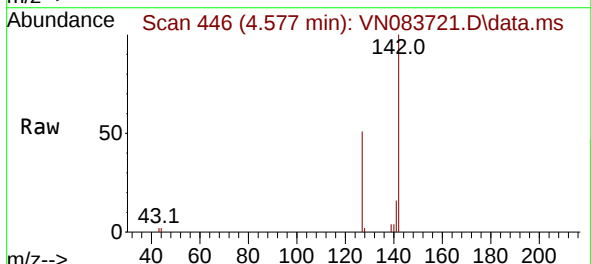
Instrument :
MSVOA_N
ClientSampleId :

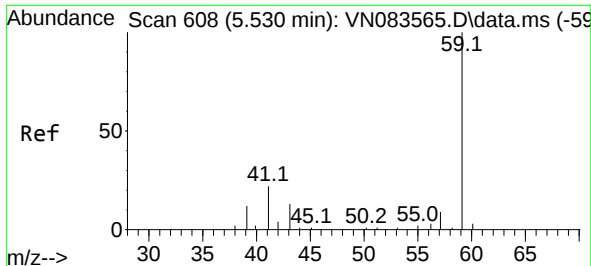
Tgt Ion:101 Resp: 32568
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 71.3 57.7 86.5



#10
Methyl Iodide
Concen: 21.404 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:142 Resp: 41941
Ion Ratio Lower Upper
142 100
127 50.8 37.5 56.3
141 15.6 11.0 16.4

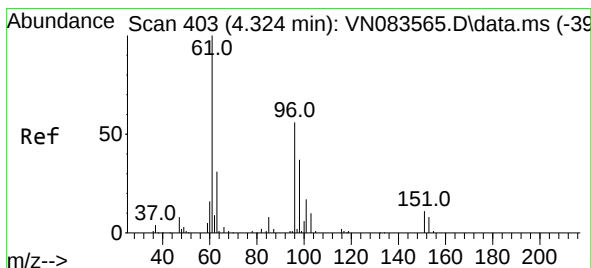
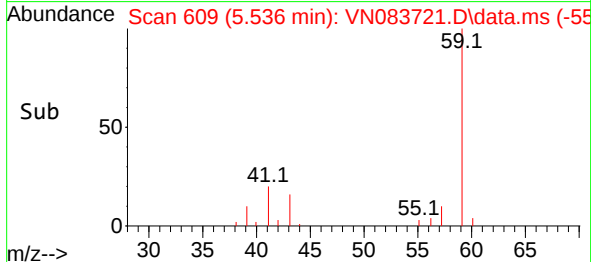
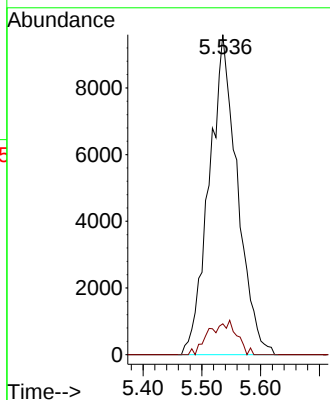
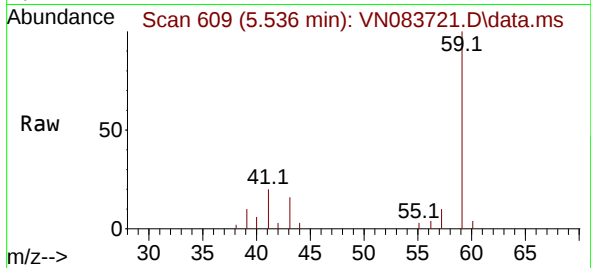




#11
Tert butyl alcohol
Concen: 111.841 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

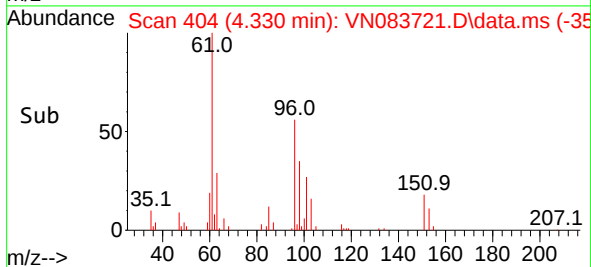
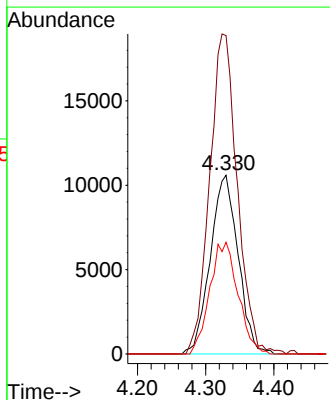
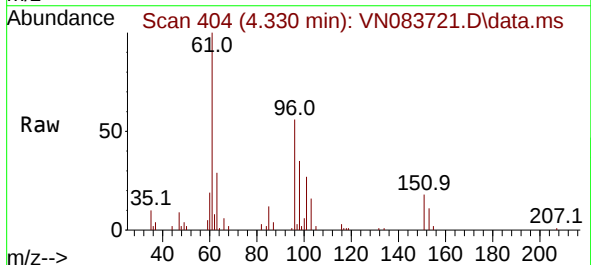
Instrument :
MSVOA_N
ClientSampleId :

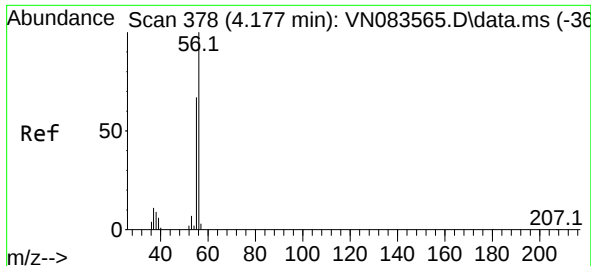
Tgt Ion: 59 Resp: 32038
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.924 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

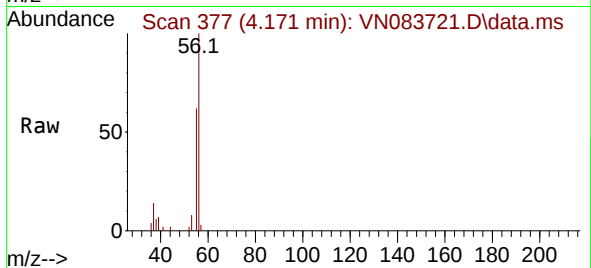
Tgt Ion: 96 Resp: 30133
Ion Ratio Lower Upper
96 100
61 178.1 143.4 215.0
98 62.5 52.7 79.1



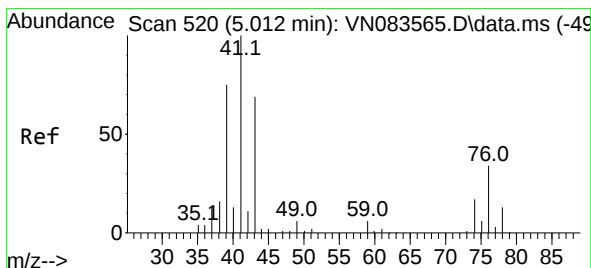
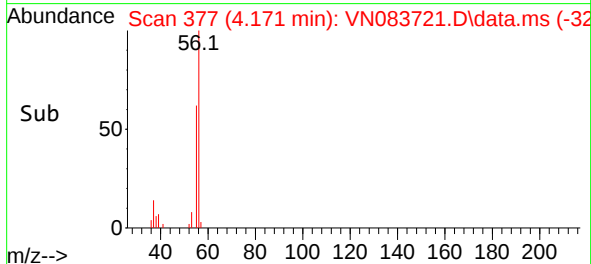
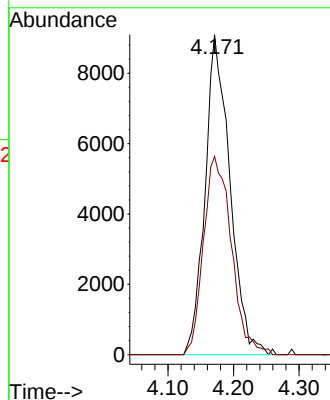


#13
Acrolein
Concen: 88.605 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

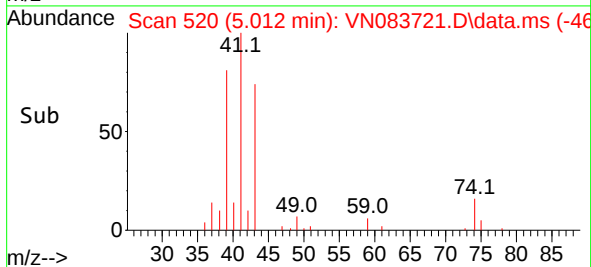
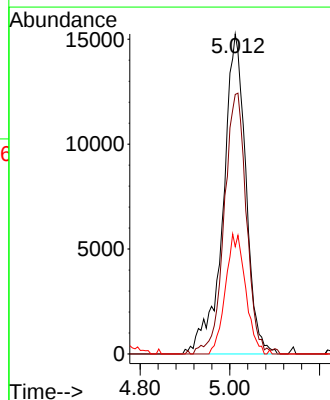
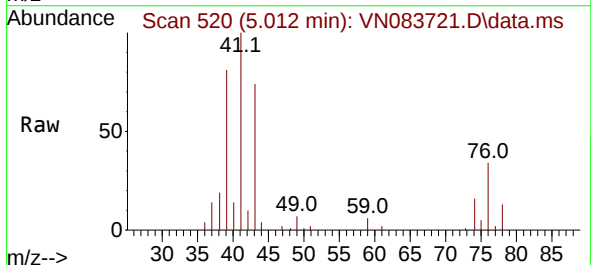


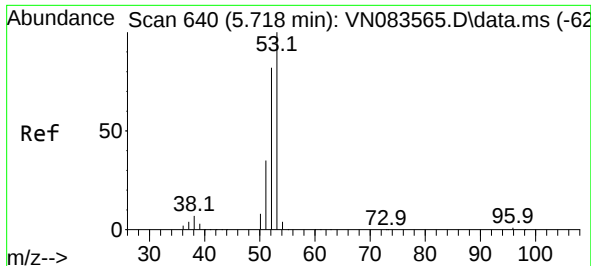
Tgt Ion: 56 Resp: 24013
Ion Ratio Lower Upper
56 100
55 69.2 58.2 87.2



#14
Allyl chloride
Concen: 21.008 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

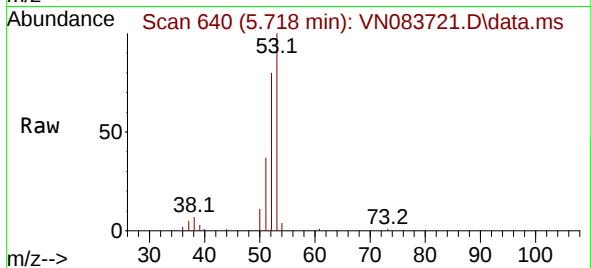
Tgt Ion: 41 Resp: 53941
Ion Ratio Lower Upper
41 100
39 79.1 59.3 88.9
76 33.1 27.7 41.5



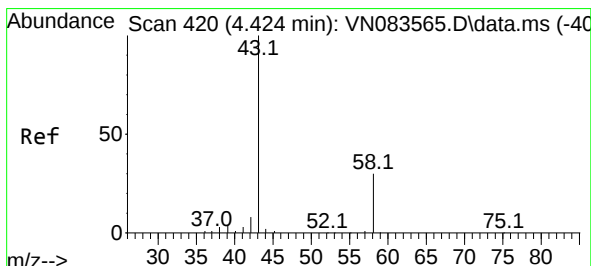
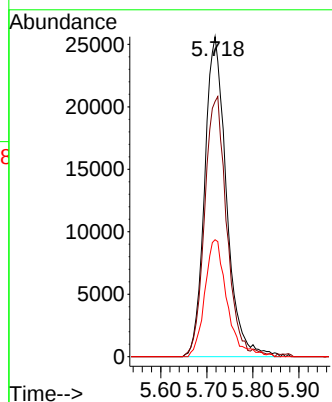
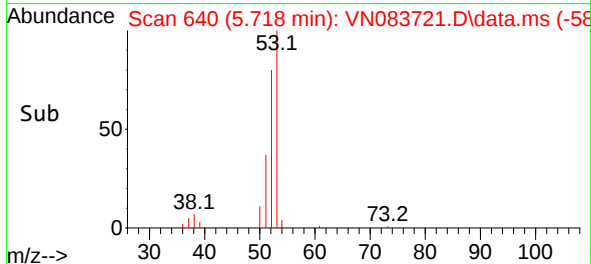


#15
Acrylonitrile
Concen: 119.396 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

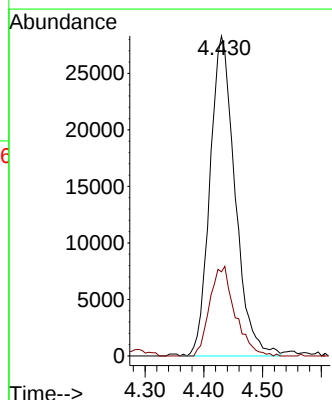
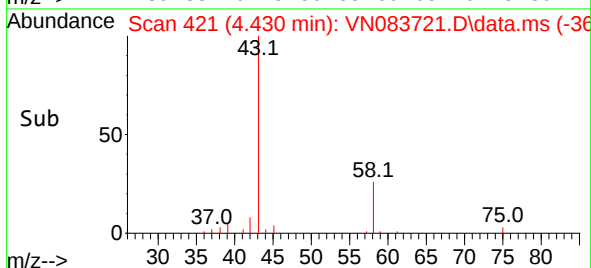
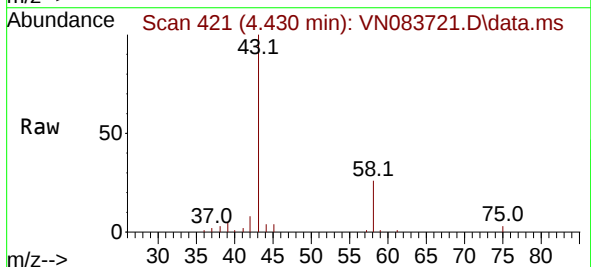


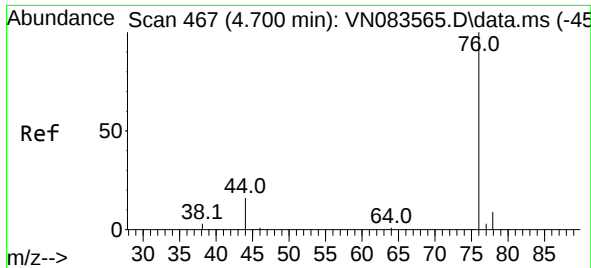
Tgt Ion: 53 Resp: 84348
Ion Ratio Lower Upper
53 100
52 81.3 66.1 99.1
51 37.2 29.6 44.4



#16
Acetone
Concen: 114.625 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 43 Resp: 83981
Ion Ratio Lower Upper
43 100
58 26.3 23.7 35.5

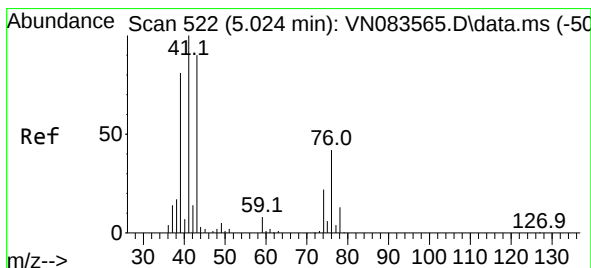
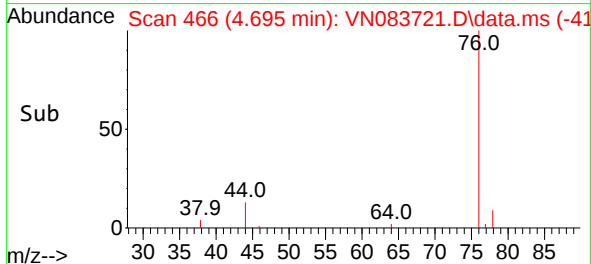
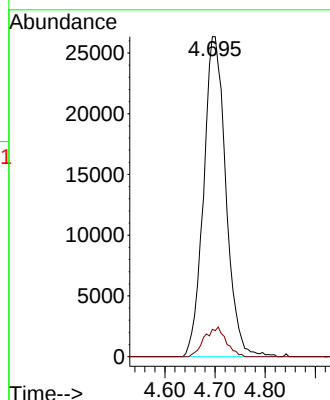
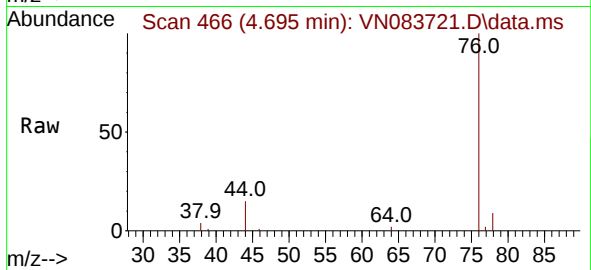




#17
Carbon Disulfide
Concen: 19.380 ug/l
RT: 4.695 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

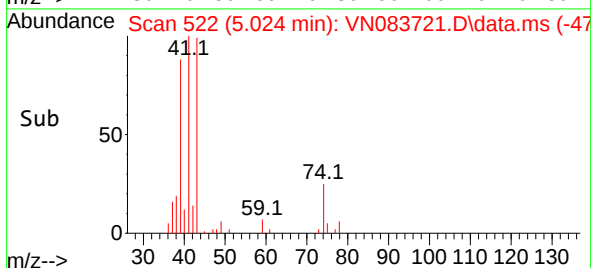
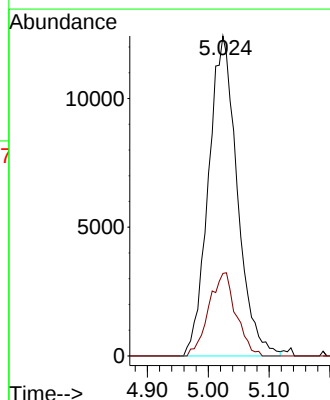
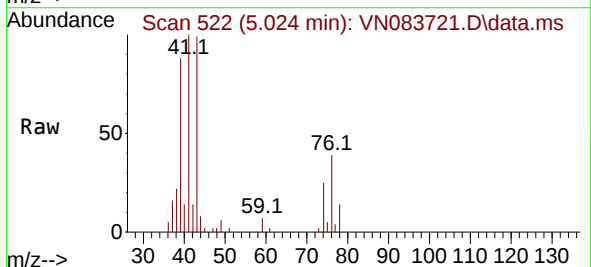
Instrument :
MSVOA_N
ClientSampleId :

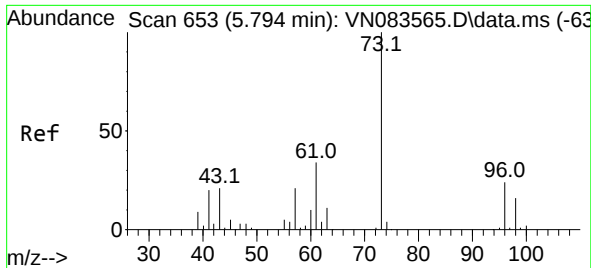
Tgt Ion: 76 Resp: 81332
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 20.992 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 43 Resp: 40903
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4

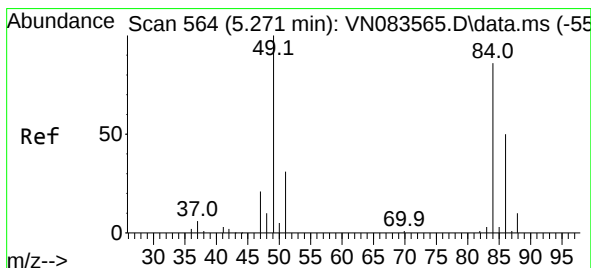
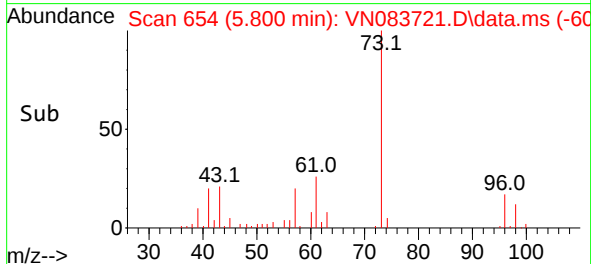
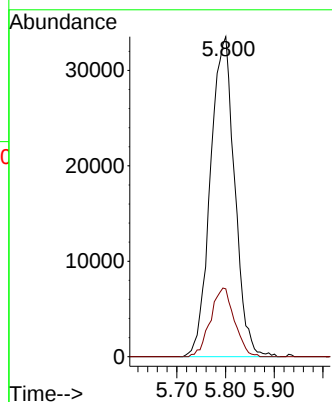
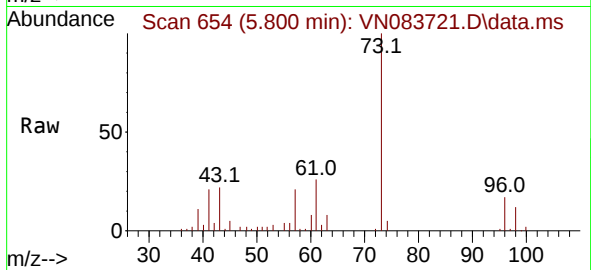




#19
Methyl tert-butyl Ether
Concen: 22.694 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

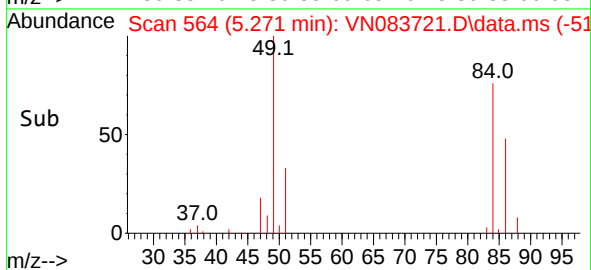
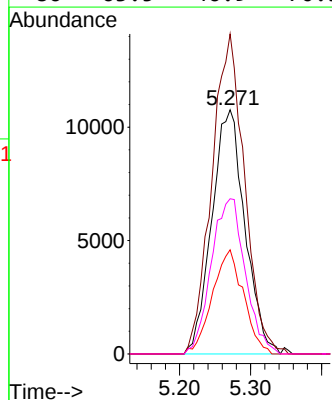
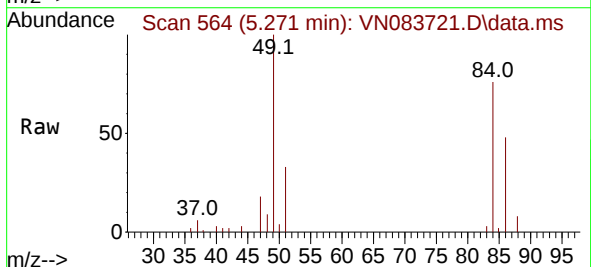
Instrument :
MSVOA_N
ClientSampleId :

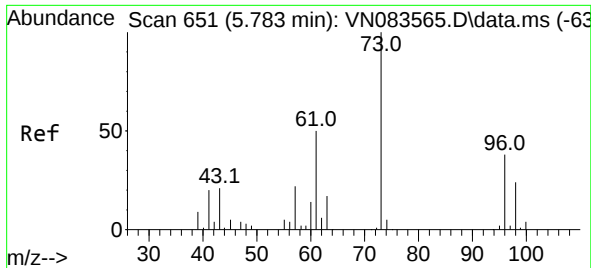
Tgt Ion: 73 Resp: 115931
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 21.529 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 84 Resp: 34832
Ion Ratio Lower Upper
84 100
49 131.1 93.4 140.0
51 42.7 29.2 43.8
86 63.5 46.9 70.3

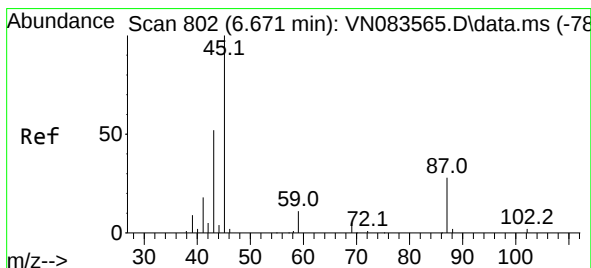
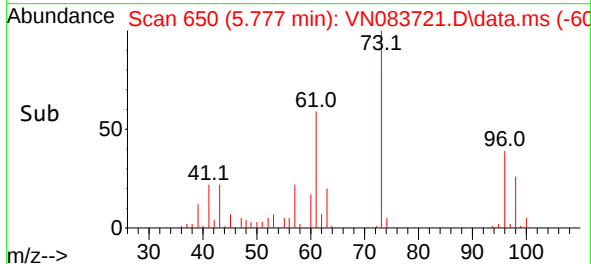
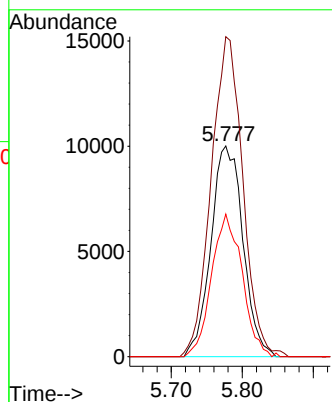
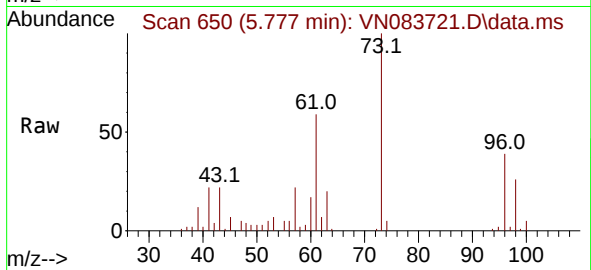




#21
trans-1,2-Dichloroethene
Concen: 20.928 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

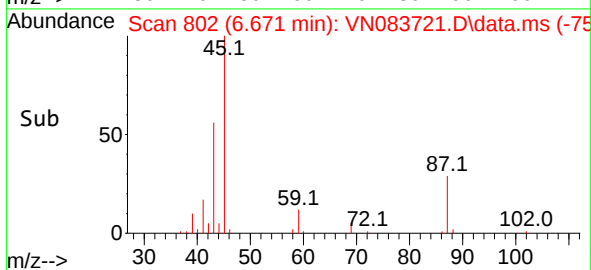
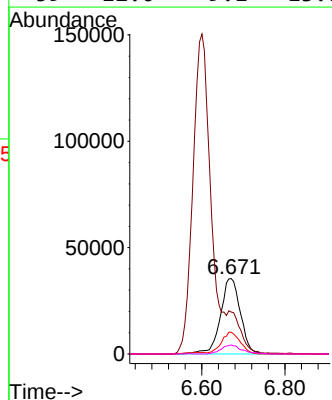
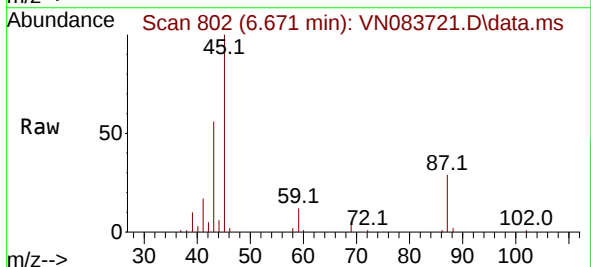
Instrument :
MSVOA_N
ClientSampleId :

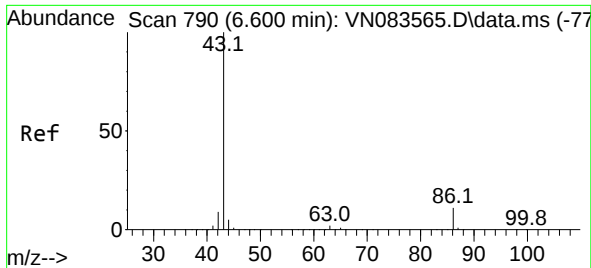
Tgt Ion: 96 Resp: 31394
Ion Ratio Lower Upper
96 100
61 151.8 106.0 159.0
98 67.7 52.2 78.2



#22
Diisopropyl ether
Concen: 23.308 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 45 Resp: 118008
Ion Ratio Lower Upper
45 100
43 54.8 43.4 65.0
87 29.0 22.6 33.8
59 12.0 9.1 13.7

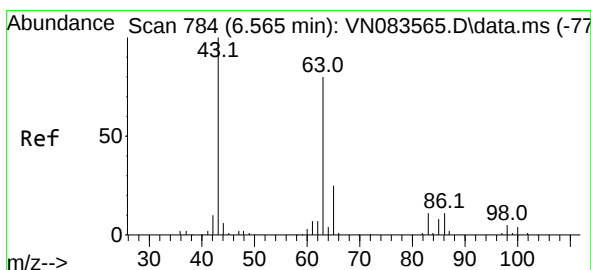
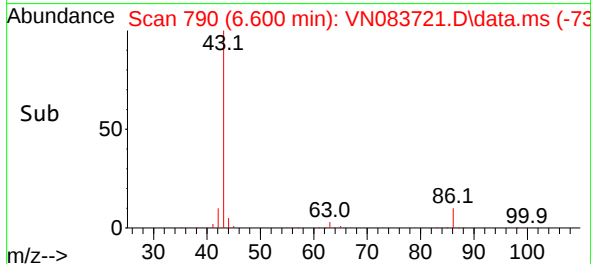
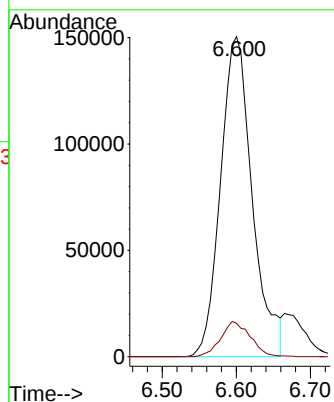
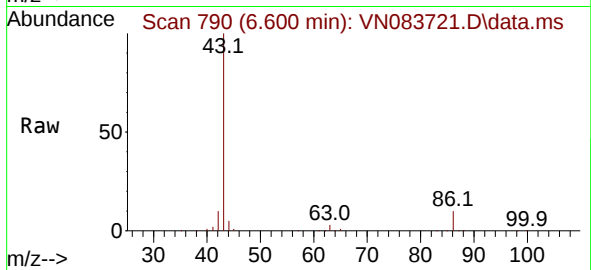




#23
 Vinyl Acetate
 Concen: 119.341 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

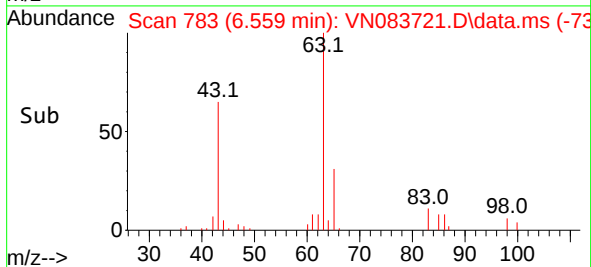
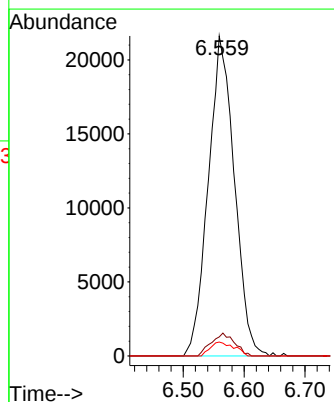
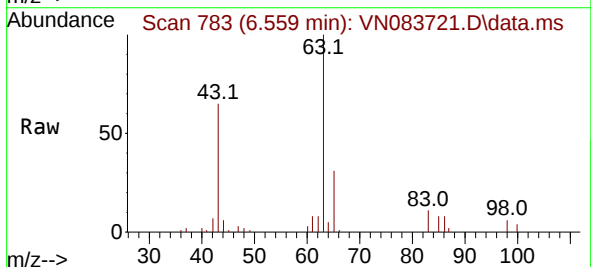
Instrument :
 MSVOA_N
 ClientSampleId :

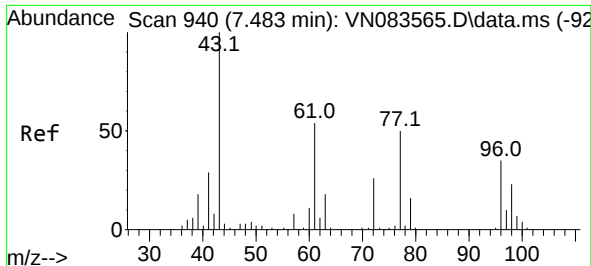
Tgt Ion: 43 Resp: 447780
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 22.289 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

Tgt Ion: 63 Resp: 64354
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 4.3 2.5 7.5

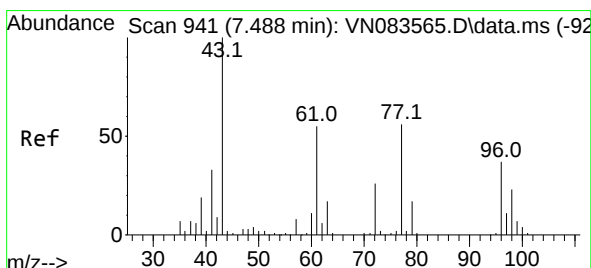
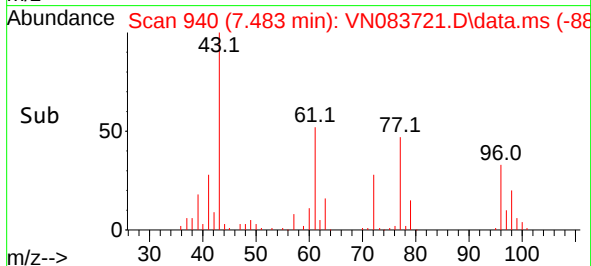
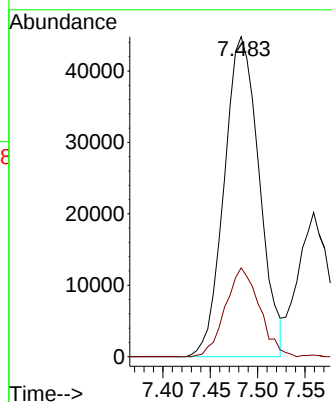
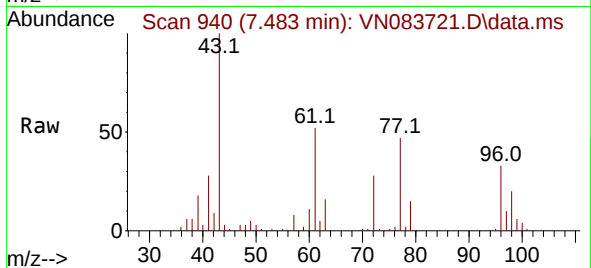




#25
2-Butanone
Concen: 115.769 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

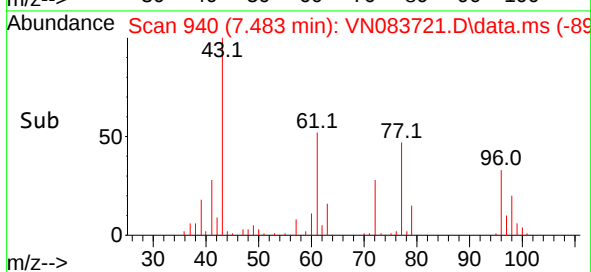
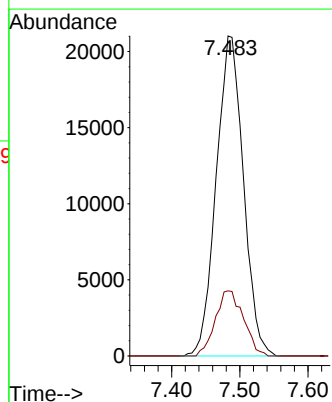
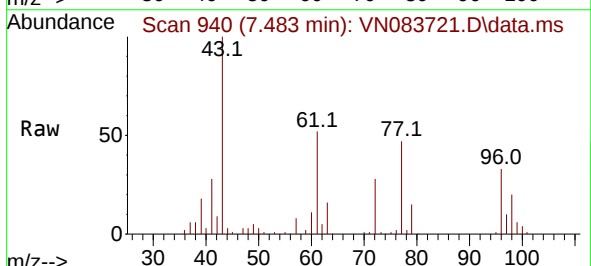
Instrument :
MSVOA_N
ClientSampleId :

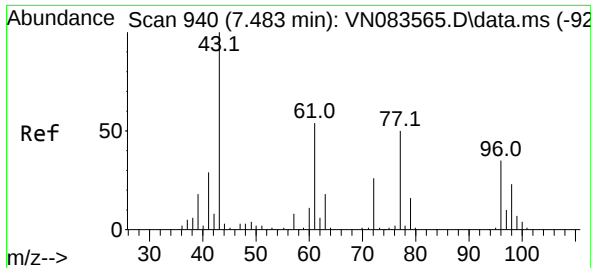
Tgt Ion: 43 Resp: 115484
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 21.685 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 77 Resp: 58294
Ion Ratio Lower Upper
77 100
97 21.0 10.2 30.4

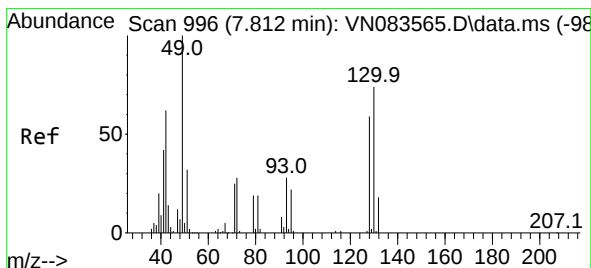
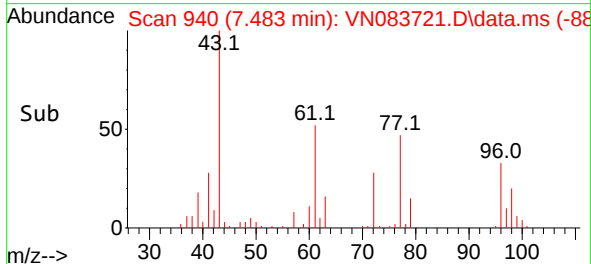
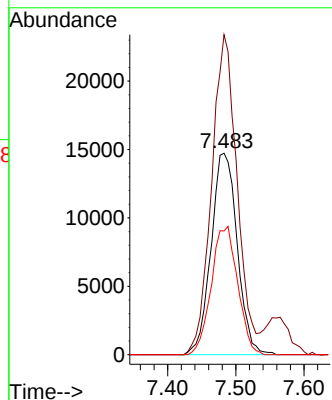
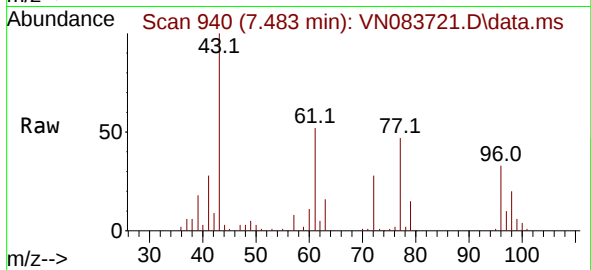




#27
 cis-1,2-Dichloroethene
 Concen: 21.963 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

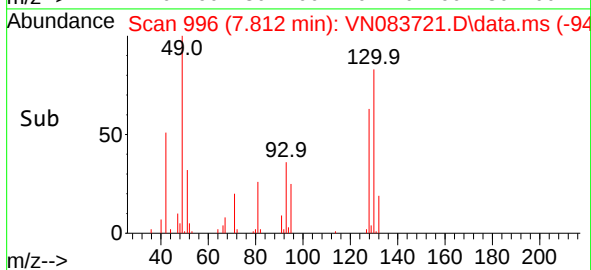
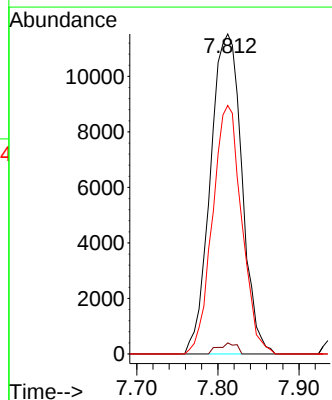
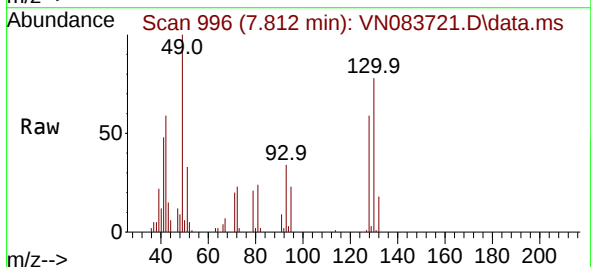
Instrument :
 MSVOA_N
 ClientSampleId :

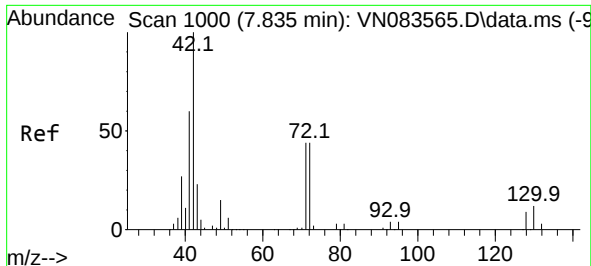
Tgt Ion: 96 Resp: 39315
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 306.2
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 23.060 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

Tgt Ion: 49 Resp: 31092
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 72.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 117.186 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

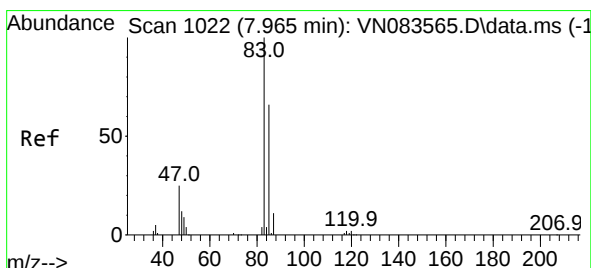
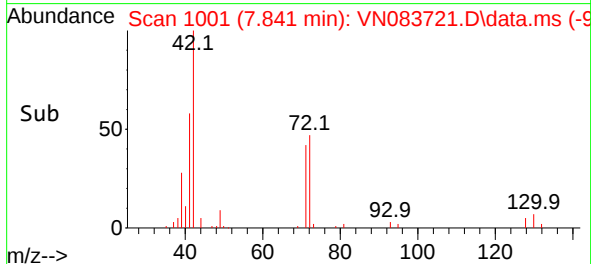
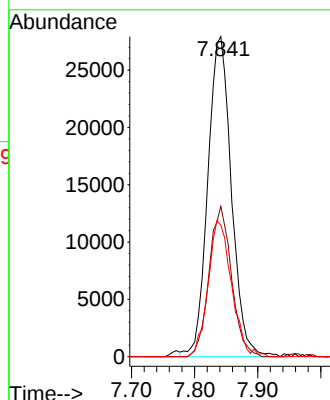
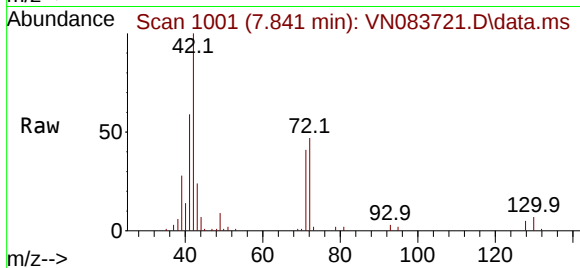
Tgt Ion: 42 Resp: 72509

Ion Ratio Lower Upper

42 100

72 44.6 35.9 53.9

71 42.0 33.9 50.9



#30

Chloroform

Concen: 22.356 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083721.D

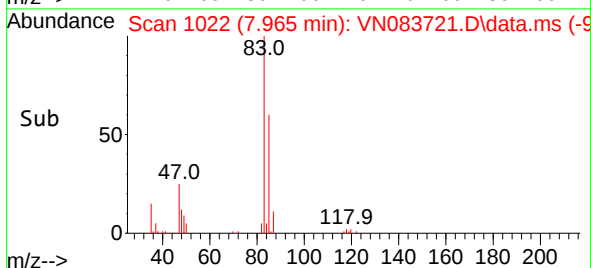
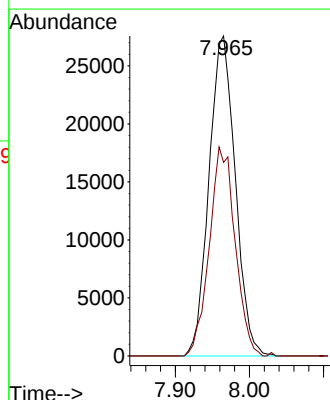
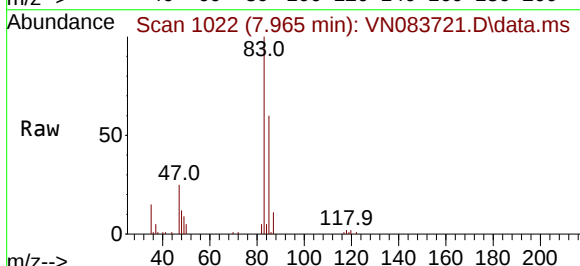
Acq: 09 Sep 2024 17:00

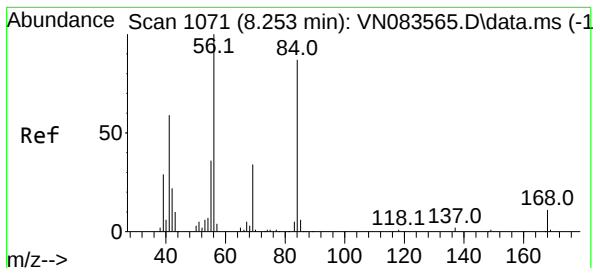
Tgt Ion: 83 Resp: 68006

Ion Ratio Lower Upper

83 100

85 60.5 52.8 79.2





#31

Cyclohexane

Concen: 20.346 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

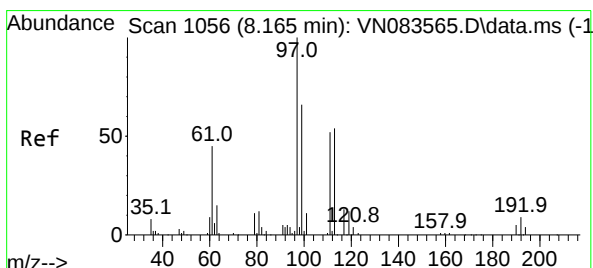
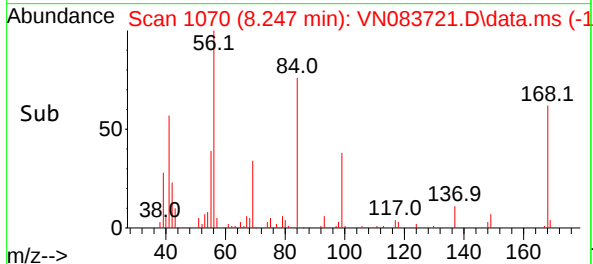
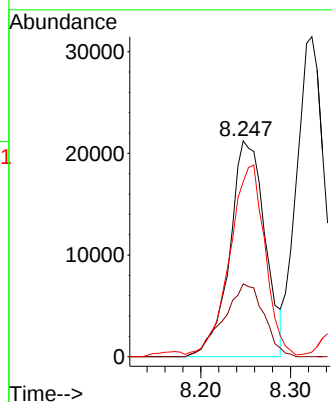
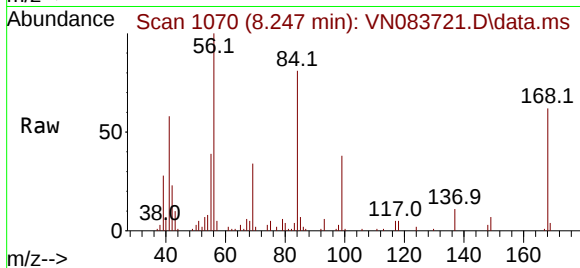
Tgt Ion: 56 Resp: 57824

Ion Ratio Lower Upper

56 100

69 33.7 26.9 40.3

84 78.9 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 22.534 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

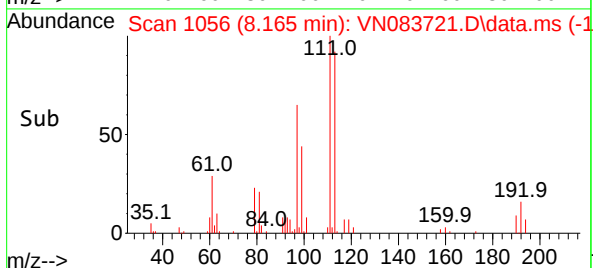
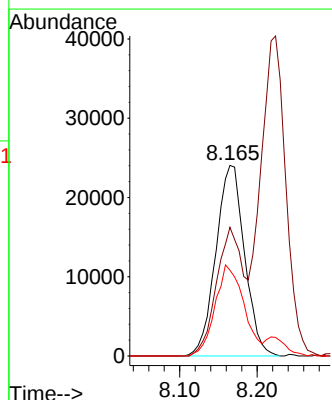
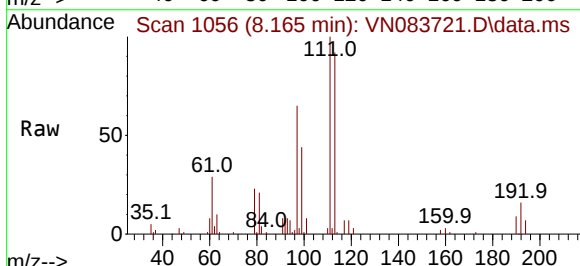
Tgt Ion: 97 Resp: 61985

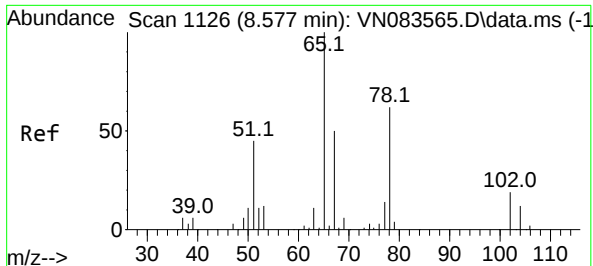
Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

61 48.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 63.523 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

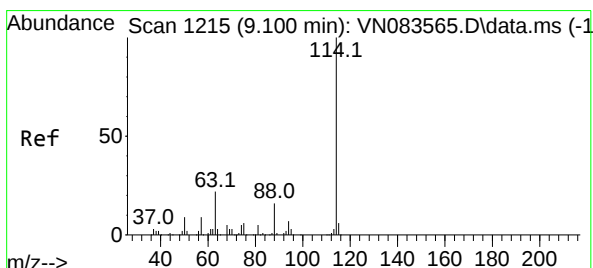
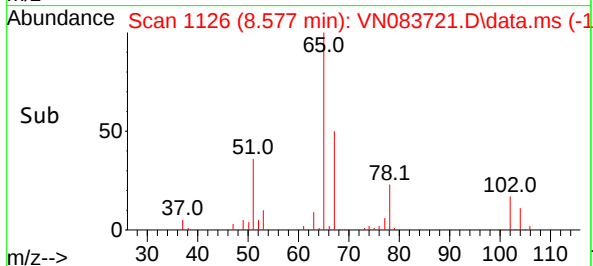
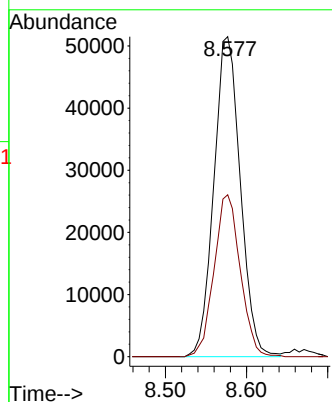
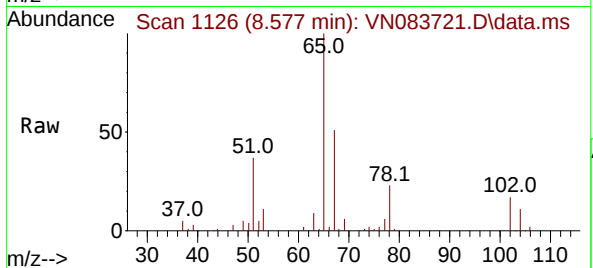
ClientSampleId :

Tgt Ion: 65 Resp: 116708

Ion Ratio Lower Upper

65 100

67 50.1 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: VN083721.D

Acq: 09 Sep 2024 17:00

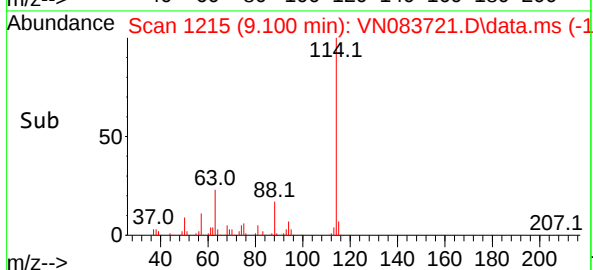
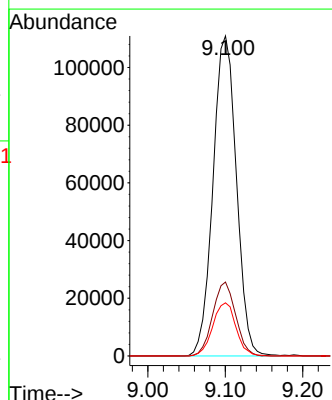
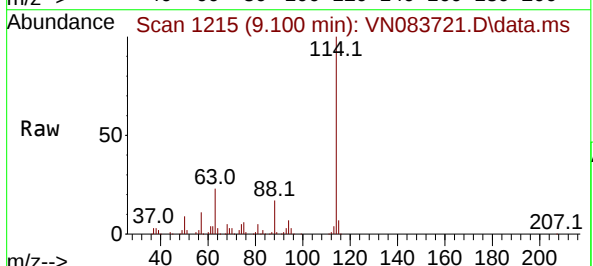
Tgt Ion: 114 Resp: 232565

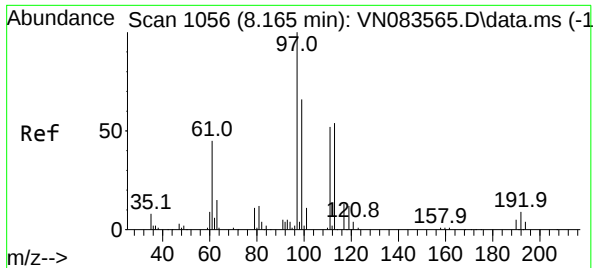
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

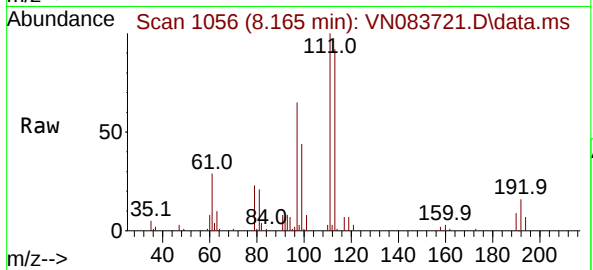
88 16.6 0.0 32.6



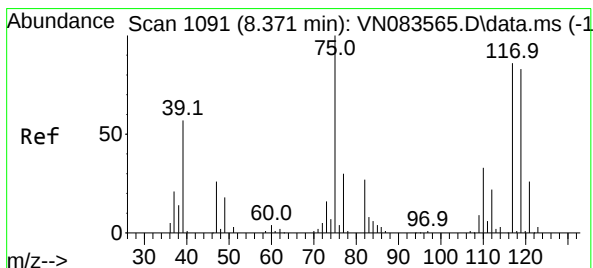
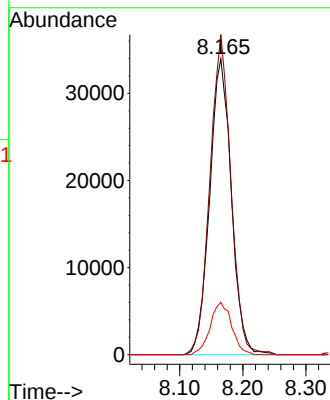
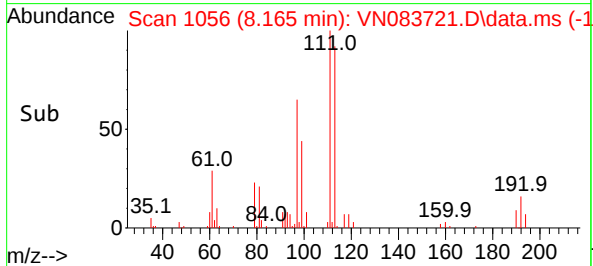


#35
Dibromofluoromethane
Concen: 57.889 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

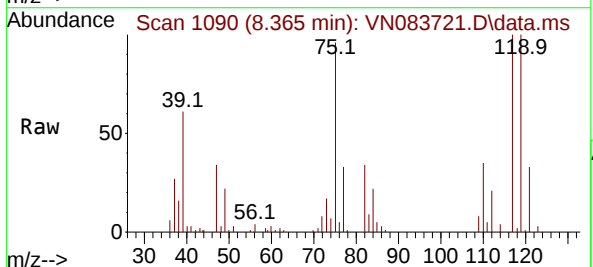
Instrument :
MSVOA_N
ClientSampleId :



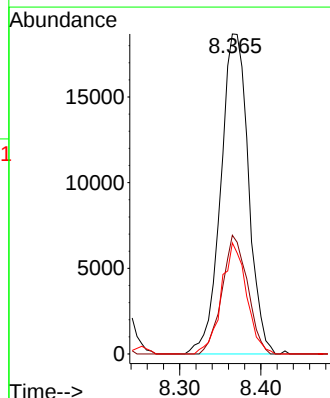
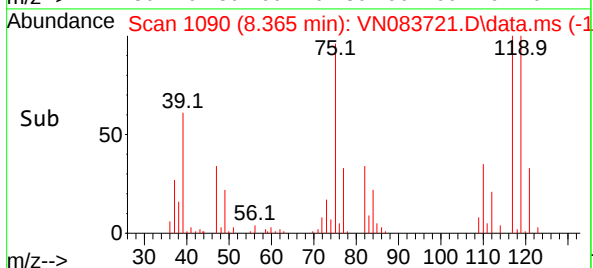
Tgt Ion:113 Resp: 81030
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 17.6 14.3 21.5

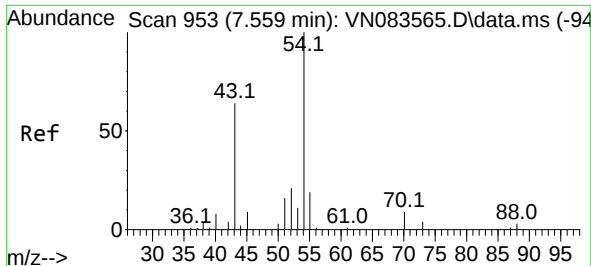


#36
1,1-Dichloropropene
Concen: 20.727 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00



Tgt Ion: 75 Resp: 44253
Ion Ratio Lower Upper
75 100
110 34.2 16.7 50.1
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 23.485 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

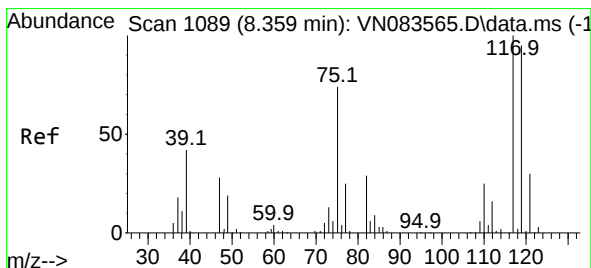
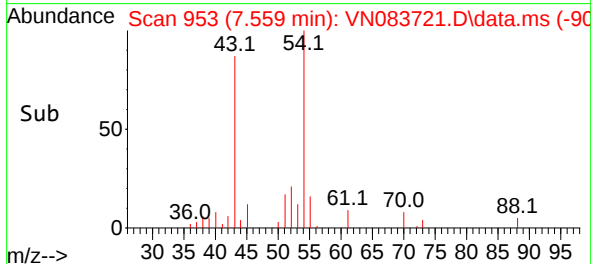
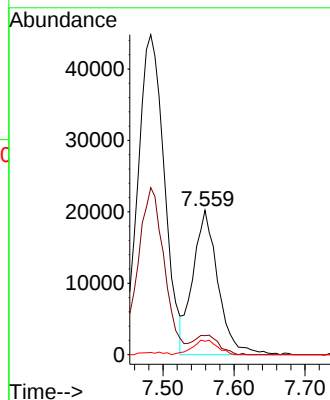
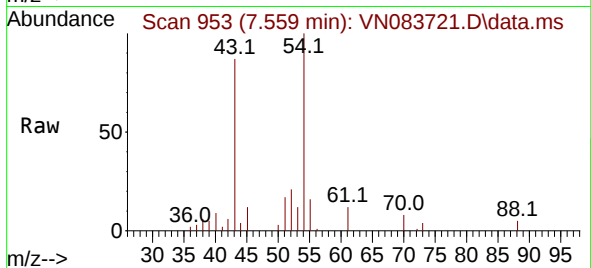
Tgt Ion: 43 Resp: 49903

Ion Ratio Lower Upper

43 100

61 13.3 11.1 16.7

70 9.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.558 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

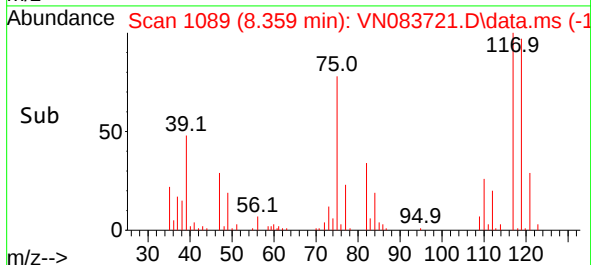
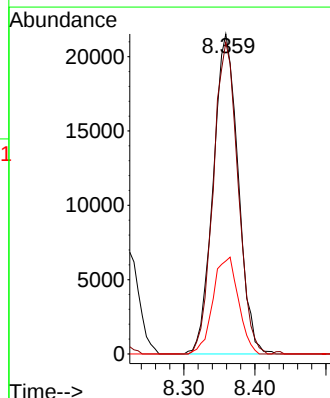
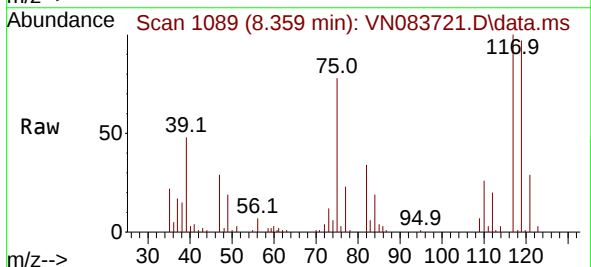
Tgt Ion: 117 Resp: 52516

Ion Ratio Lower Upper

117 100

119 97.4 76.1 114.1

121 29.1 24.1 36.1





#39

Methylcyclohexane

Concen: 20.929 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

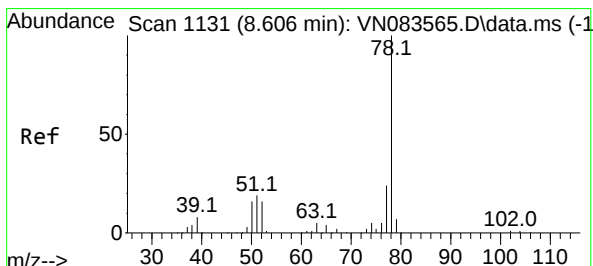
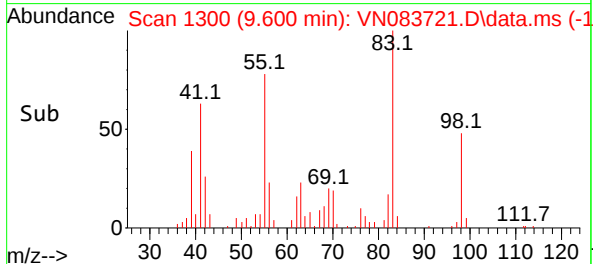
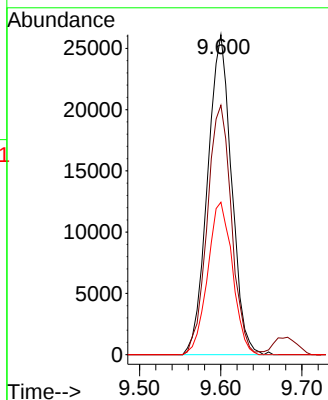
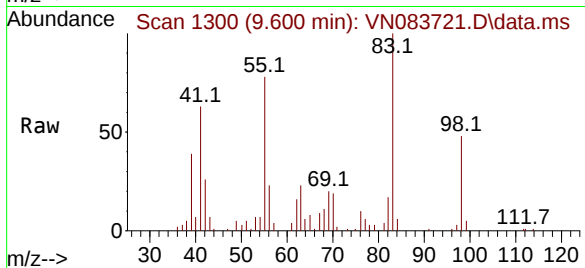
Tgt Ion: 83 Resp: 53620

Ion Ratio Lower Upper

83 100

55 77.9 62.2 93.4

98 47.7 37.6 56.4



#40

Benzene

Concen: 21.807 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN083721.D

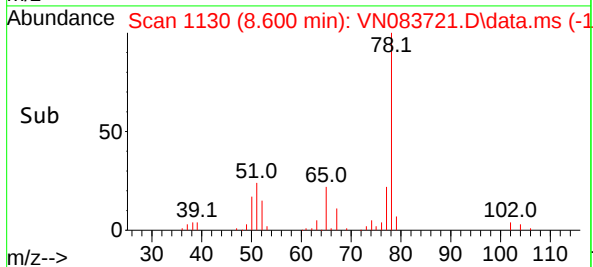
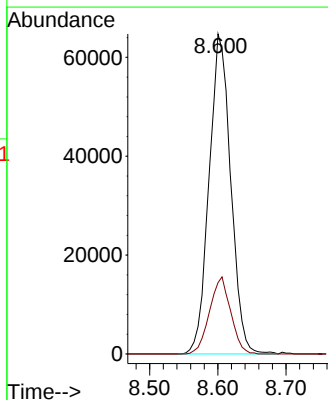
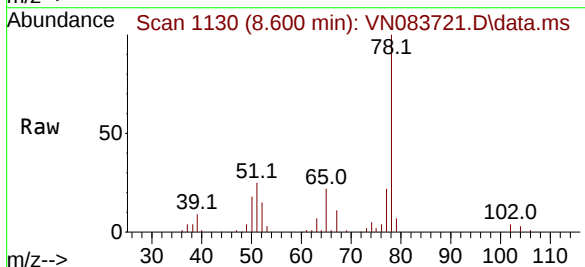
Acq: 09 Sep 2024 17:00

Tgt Ion: 78 Resp: 143224

Ion Ratio Lower Upper

78 100

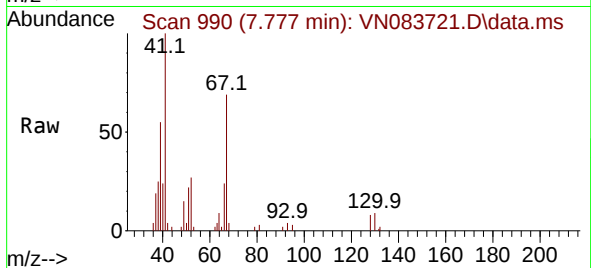
77 22.3 19.0 28.6



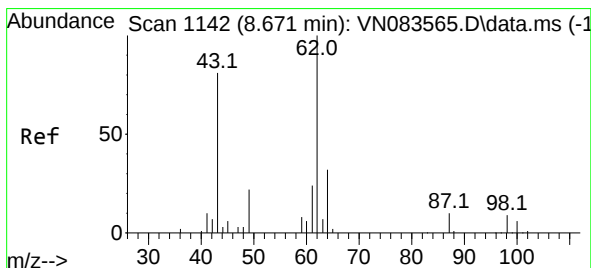
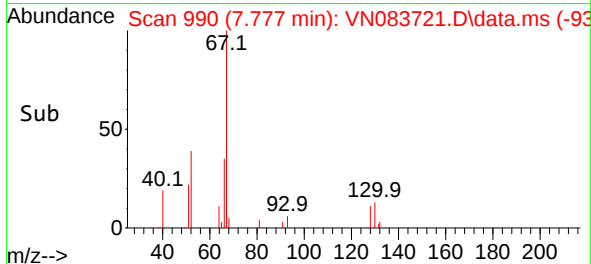
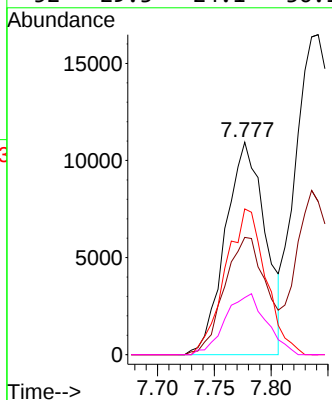


#41
Methacrylonitrile
Concen: 22.169 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

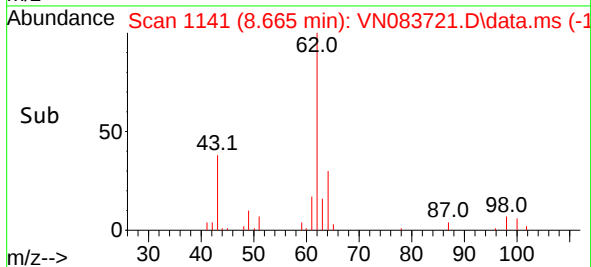
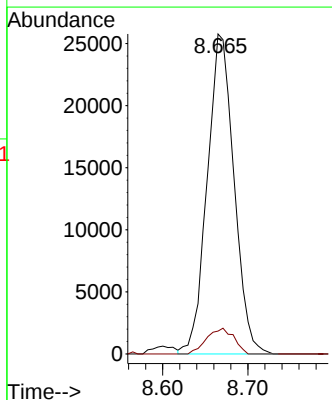
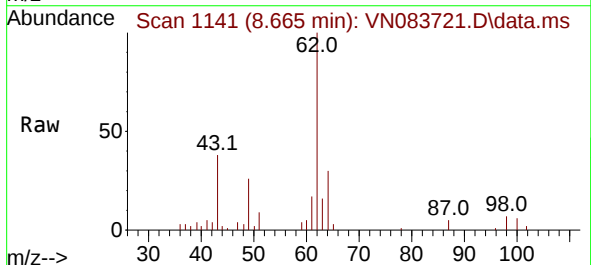


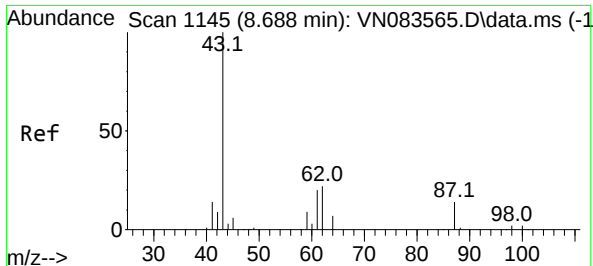
Tgt Ion:	41	Resp:	26881
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.4	68.2
67	69.1	55.9	83.9
52	29.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 23.133 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:	62	Resp:	56321
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

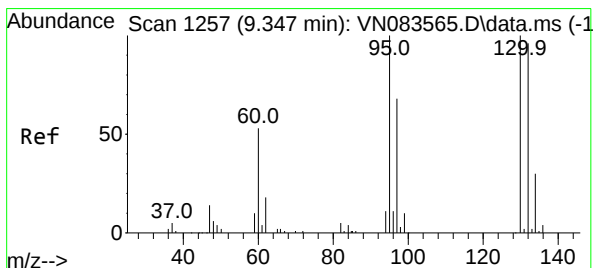
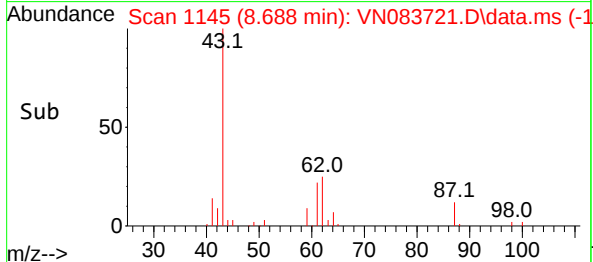
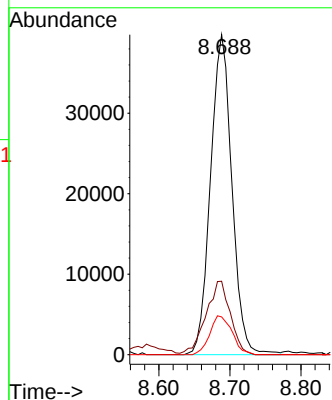
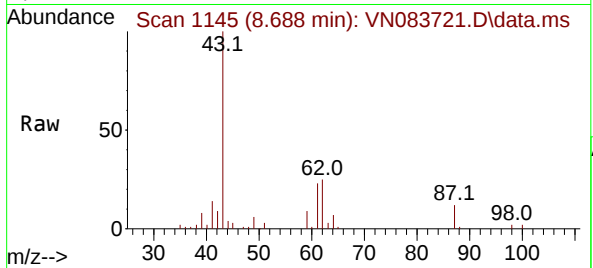




#43
Isopropyl Acetate
Concen: 18.758 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

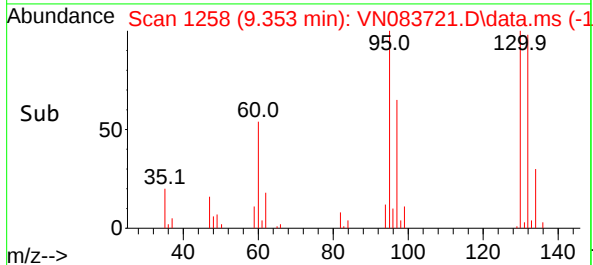
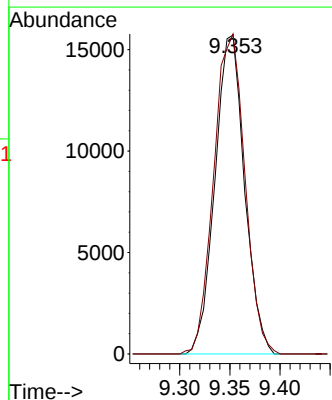
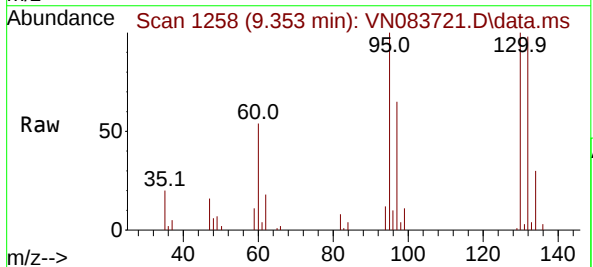
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 83130
Ion Ratio Lower Upper
43 100
61 26.2 19.4 29.0
87 12.6 9.8 14.6



#44
Trichloroethene
Concen: 20.368 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:130 Resp: 32180
Ion Ratio Lower Upper
130 100
95 100.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 23.190 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

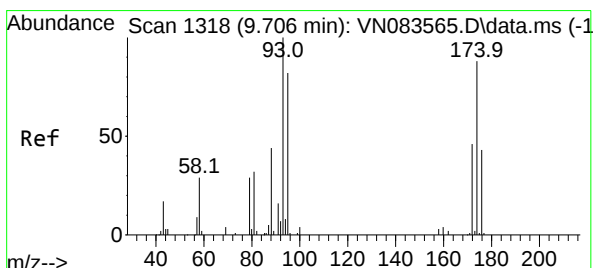
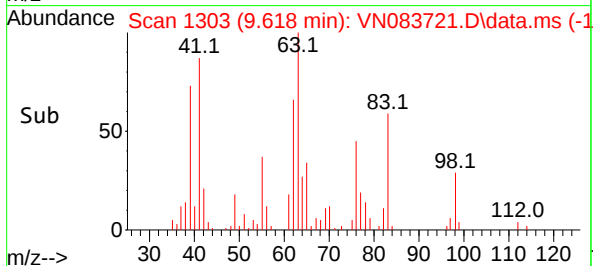
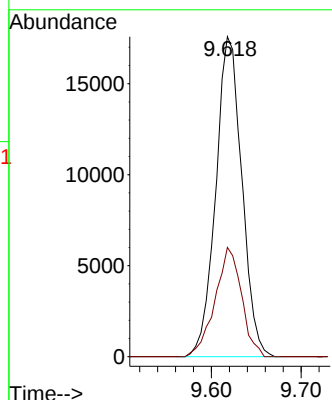
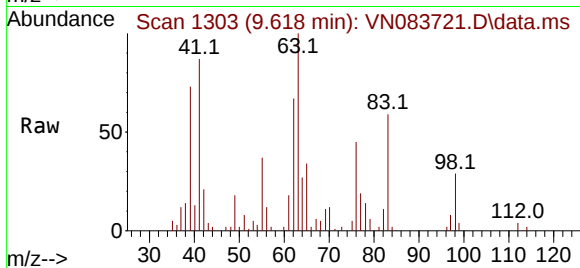
ClientSampleId :

Tgt Ion: 63 Resp: 35480

Ion Ratio Lower Upper

63 100

65 34.2 25.9 38.9



#46

Dibromomethane

Concen: 22.324 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

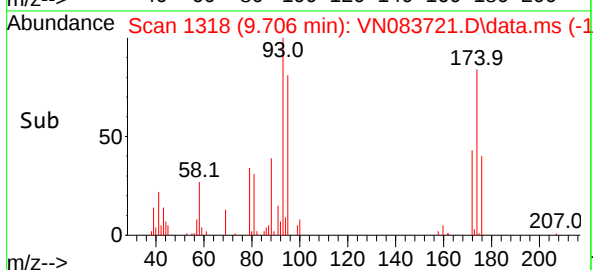
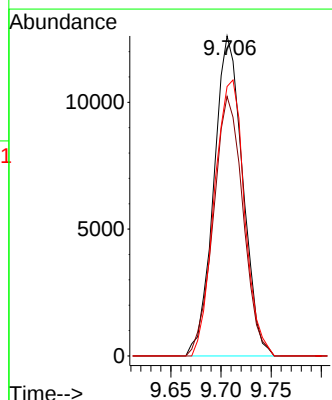
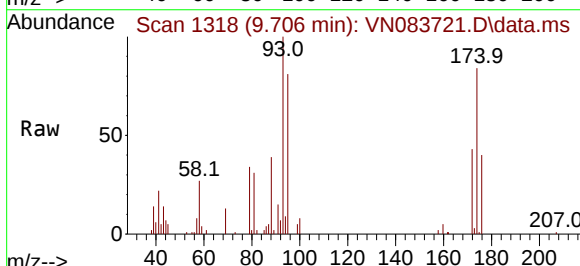
Tgt Ion: 93 Resp: 25198

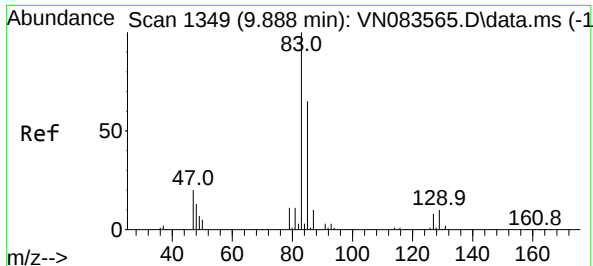
Ion Ratio Lower Upper

93 100

95 83.1 65.3 97.9

174 89.8 71.0 106.4

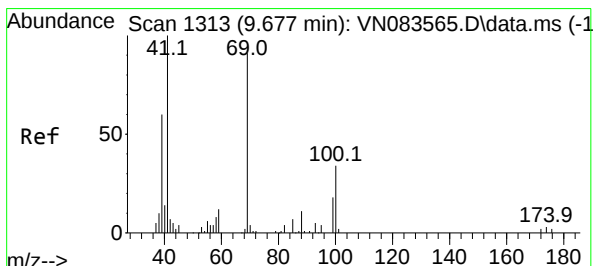
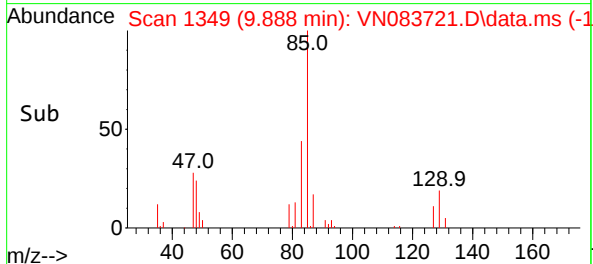
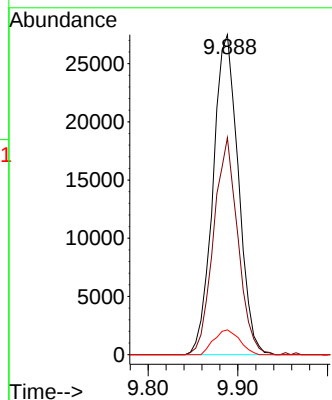
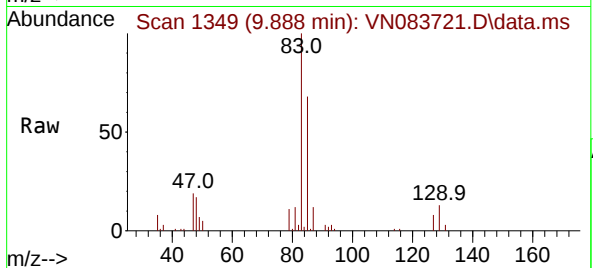




#47
Bromodichloromethane
Concen: 22.382 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

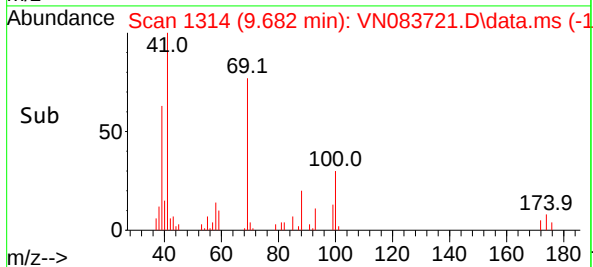
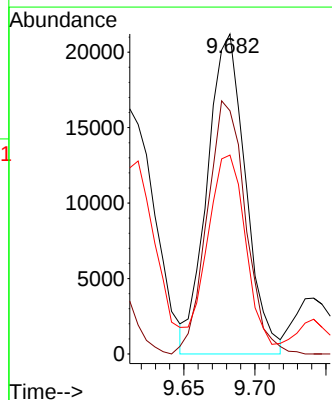
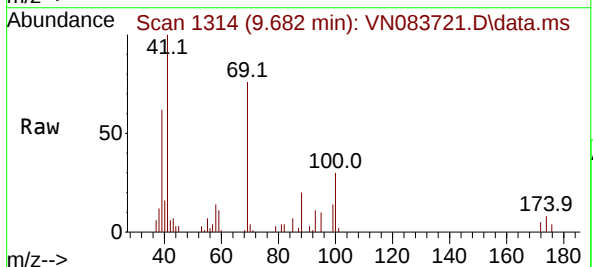
Instrument :
MSVOA_N
ClientSampleId :

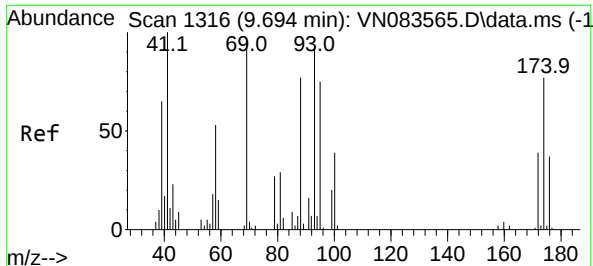
Tgt Ion: 83 Resp: 53779
Ion Ratio Lower Upper
83 100
85 67.8 51.8 77.8
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 22.852 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 41 Resp: 39828
Ion Ratio Lower Upper
41 100
69 79.3 64.3 96.5
39 64.0 48.9 73.3

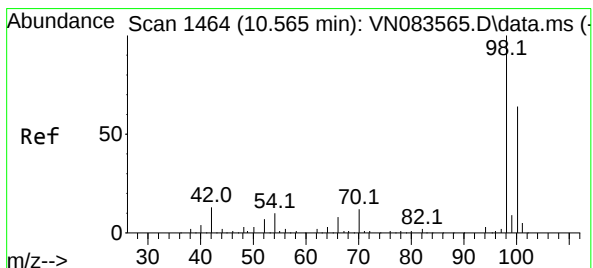
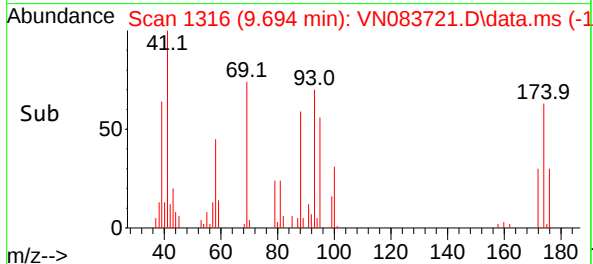
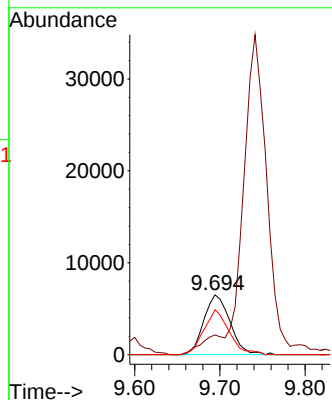
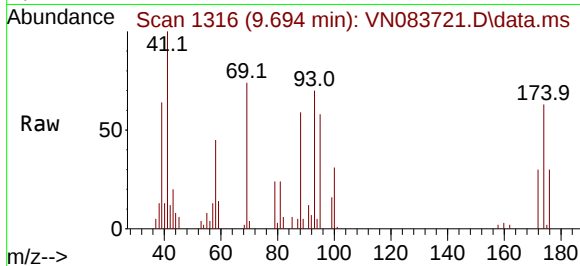




#49
1,4-Dioxane
Concen: 486.277 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

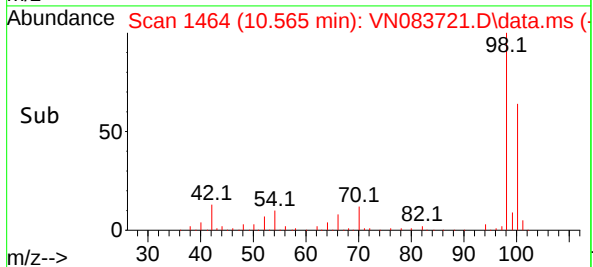
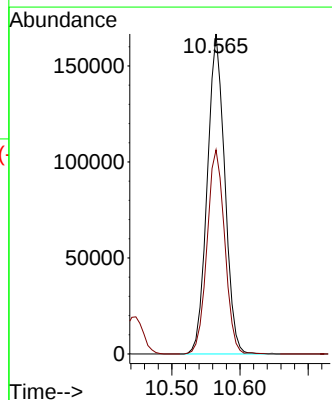
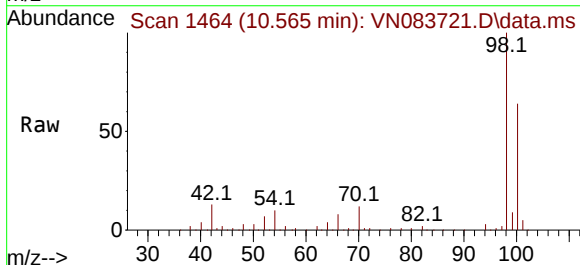
Instrument :
MSVOA_N
ClientSampleId :

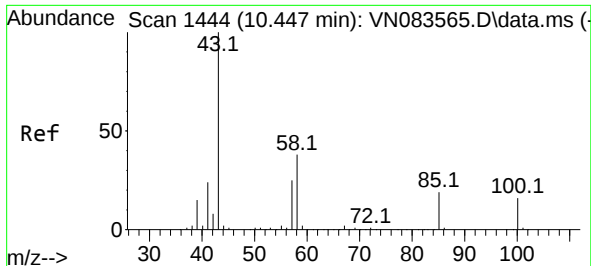
Tgt Ion: 88 Resp: 13887
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.8 57.1 85.7



#50
Toluene-d8
Concen: 54.285 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 98 Resp: 296782
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 116.534 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

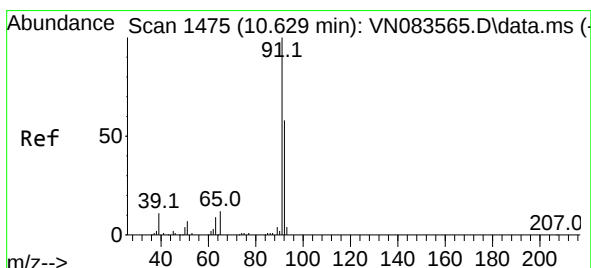
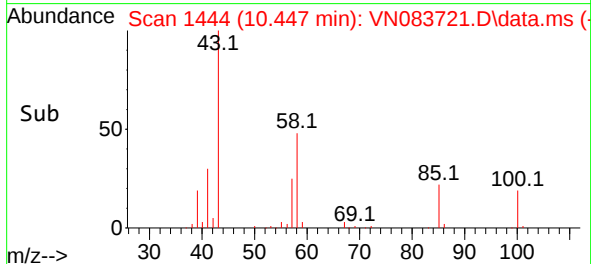
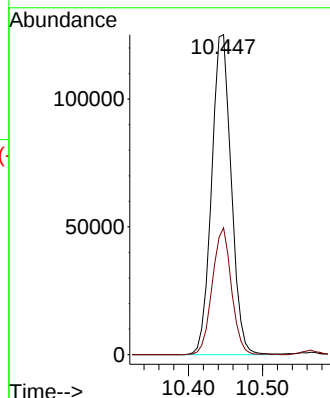
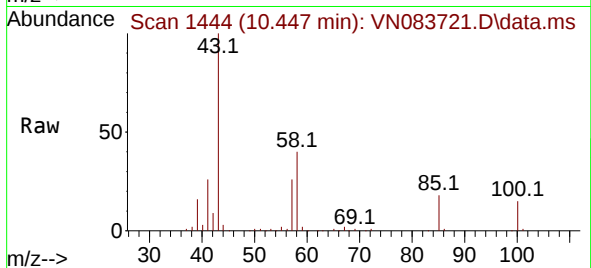
ClientSampleId :

Tgt Ion: 43 Resp: 230209

Ion Ratio Lower Upper

43 100

58 38.7 31.6 47.4



#52

Toluene

Concen: 21.515 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083721.D

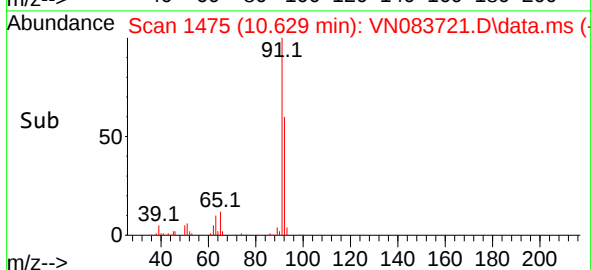
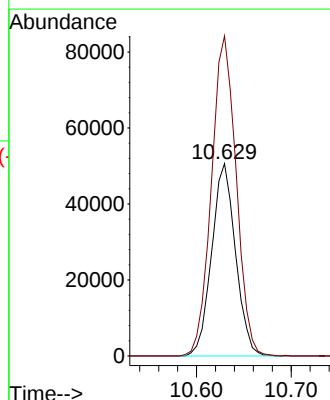
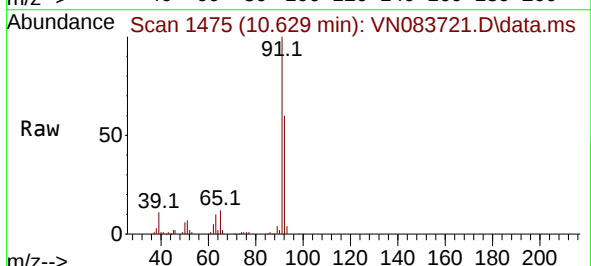
Acq: 09 Sep 2024 17:00

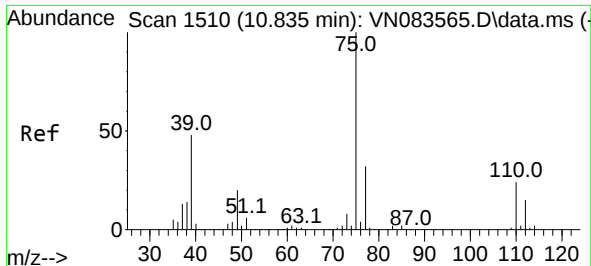
Tgt Ion: 92 Resp: 88375

Ion Ratio Lower Upper

92 100

91 172.9 134.7 202.1

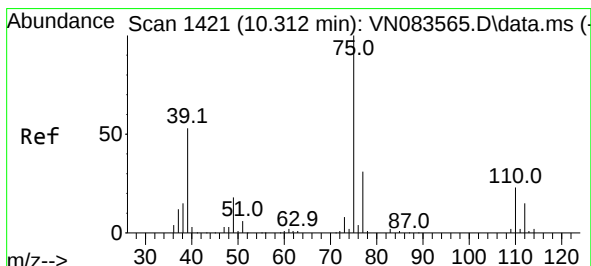
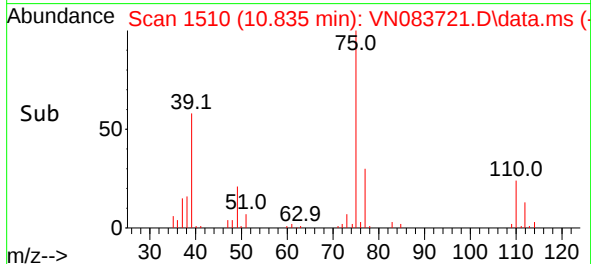
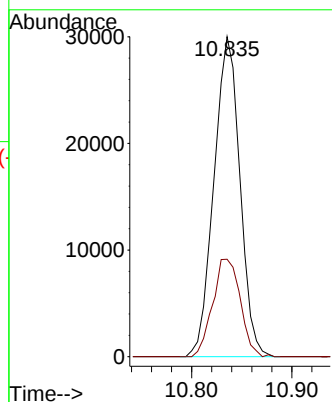
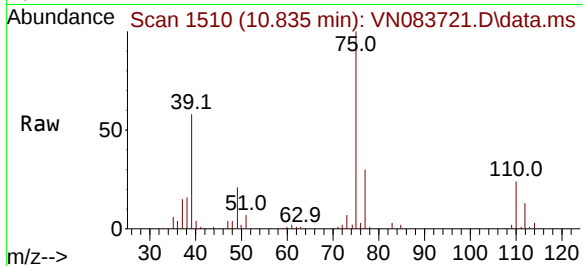




#53
 t-1,3-Dichloropropene
 Concen: 21.680 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

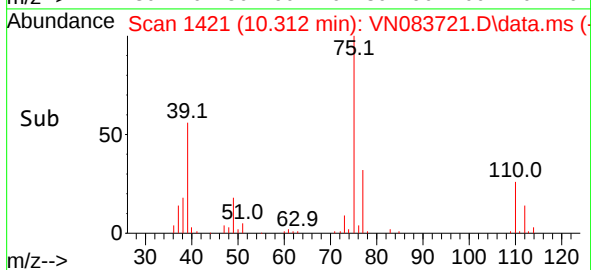
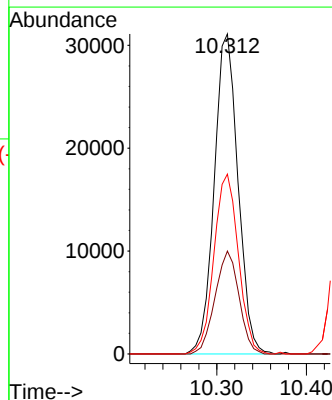
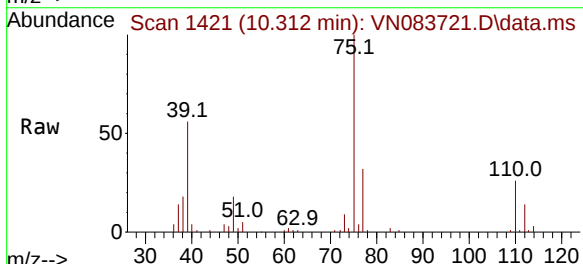
Instrument :
 MSVOA_N
 ClientSampleId :

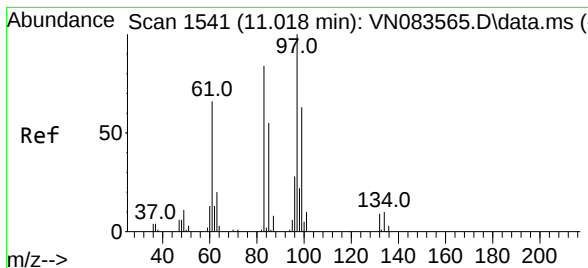
Tgt Ion: 75 Resp: 53927
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.884 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

Tgt Ion: 75 Resp: 57136
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6
 39 56.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 22.918 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

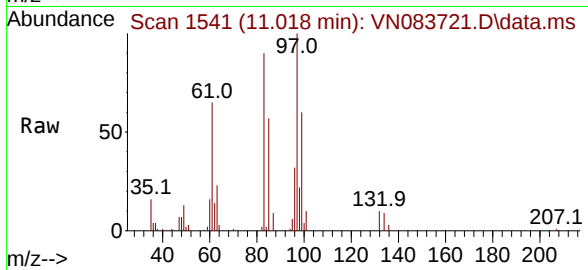
Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 33601

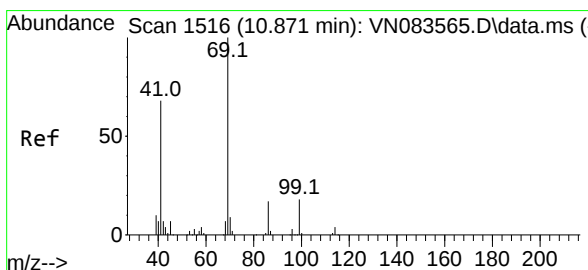
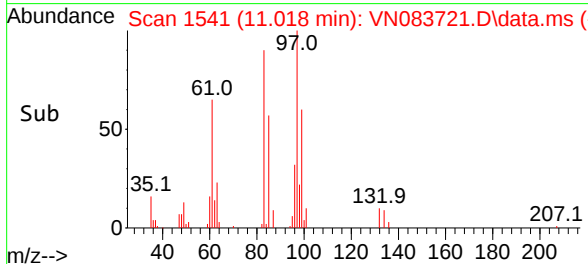
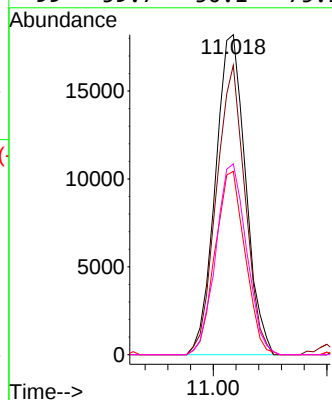
Ion Ratio Lower Upper

97 100

83 90.5 67.5 101.3

85 57.3 44.2 66.2

99 59.7 50.1 75.1



#56

Ethyl methacrylate

Concen: 22.587 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

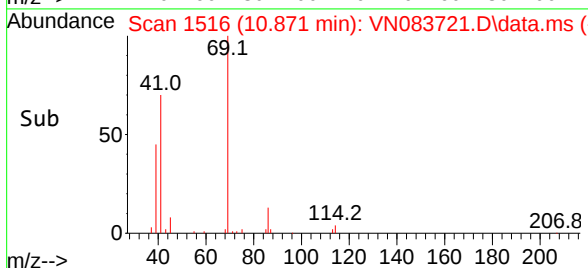
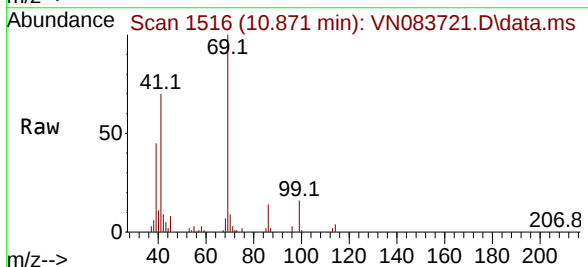
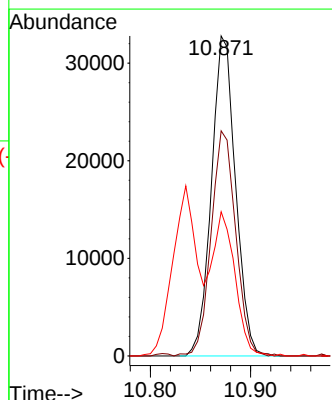
Tgt Ion: 69 Resp: 54782

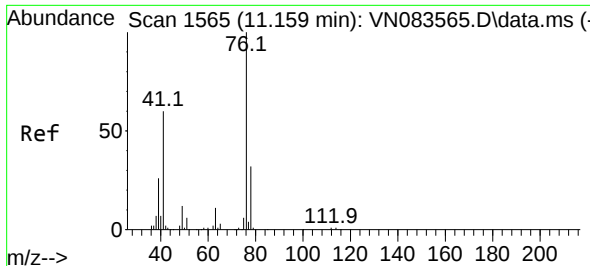
Ion Ratio Lower Upper

69 100

41 71.7 53.9 80.9

39 43.4 32.6 48.8





#57

1,3-Dichloropropane

Concen: 22.958 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

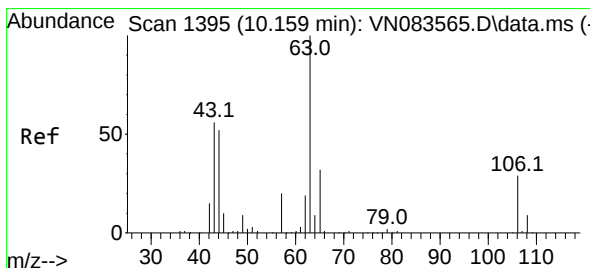
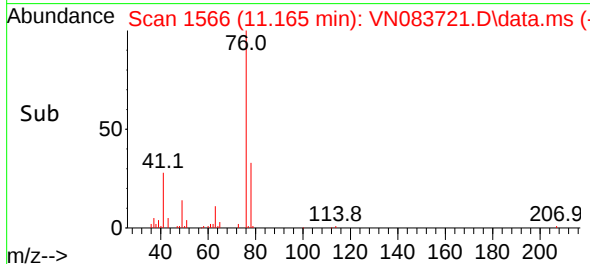
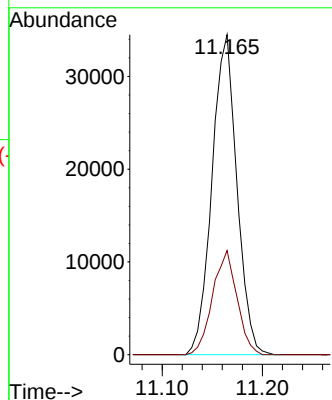
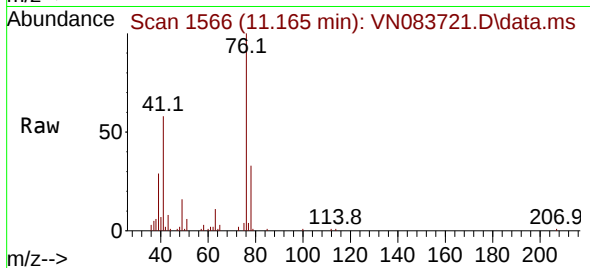
ClientSampleId :

Tgt Ion: 76 Resp: 59591

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.013 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083721.D

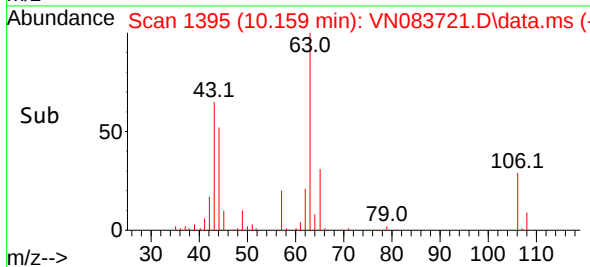
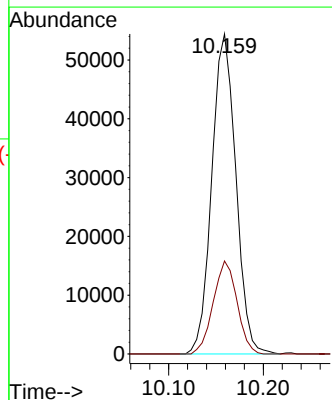
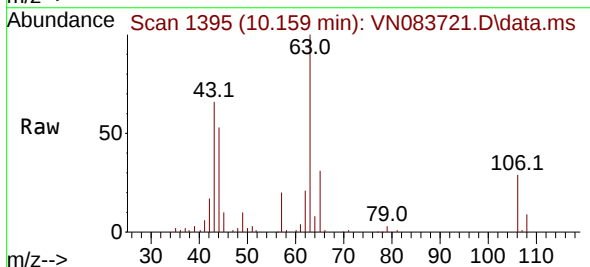
Acq: 09 Sep 2024 17:00

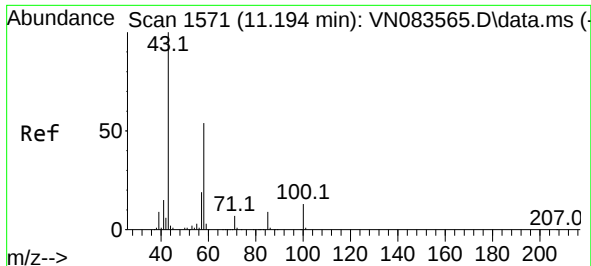
Tgt Ion: 63 Resp: 95918

Ion Ratio Lower Upper

63 100

106 28.7 23.3 34.9

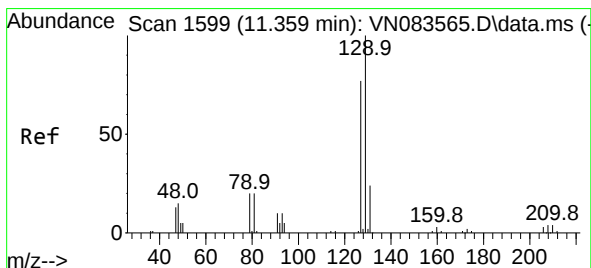
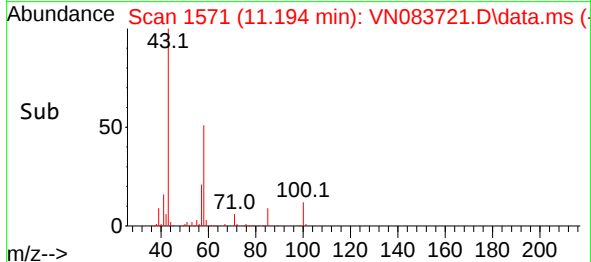
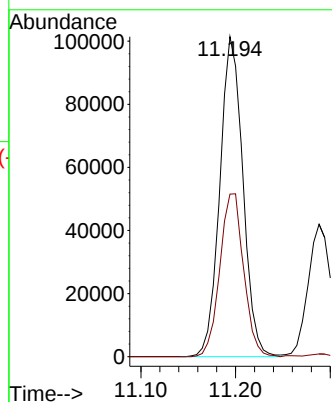
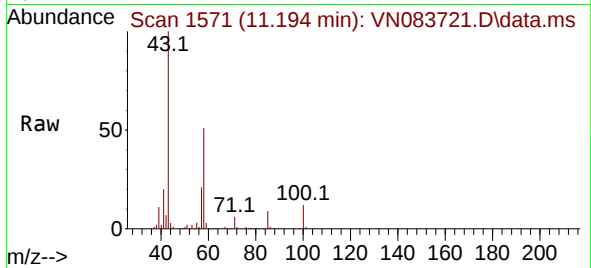




#59
2-Hexanone
Concen: 115.960 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

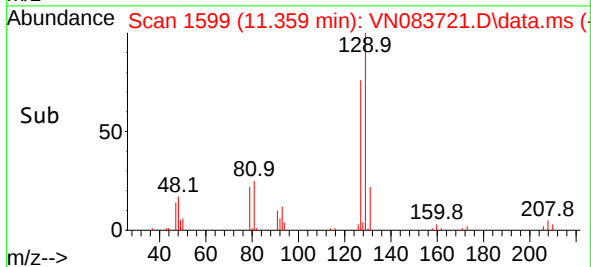
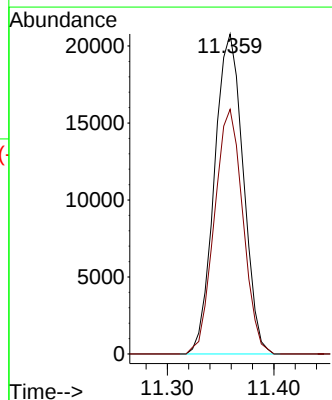
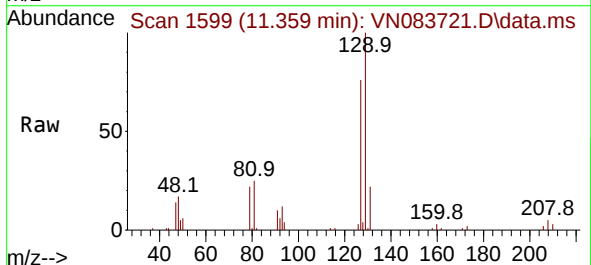
Instrument :
MSVOA_N
ClientSampleId :

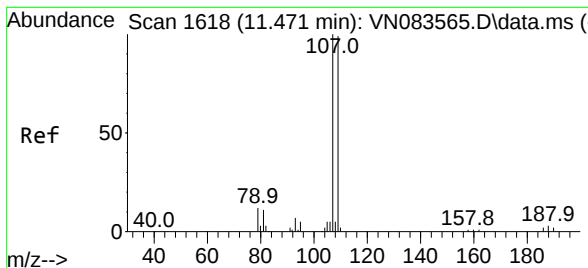
Tgt Ion: 43 Resp: 171915
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5



#60
Dibromochloromethane
Concen: 22.972 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:129 Resp: 39026
Ion Ratio Lower Upper
129 100
127 75.7 39.0 116.9

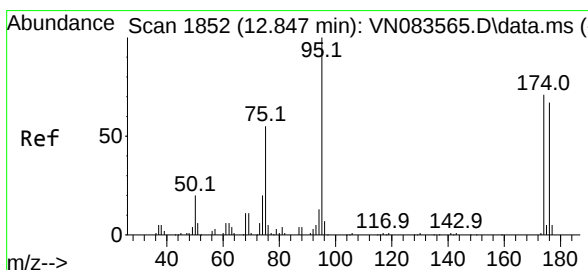
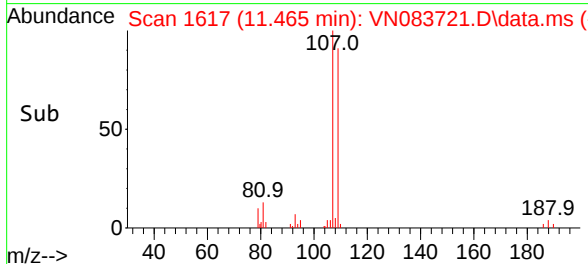
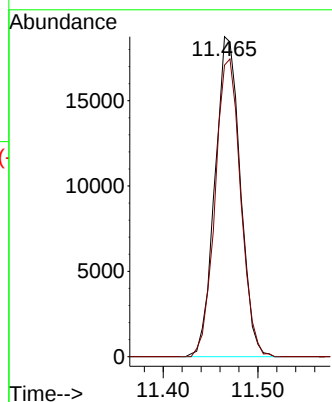
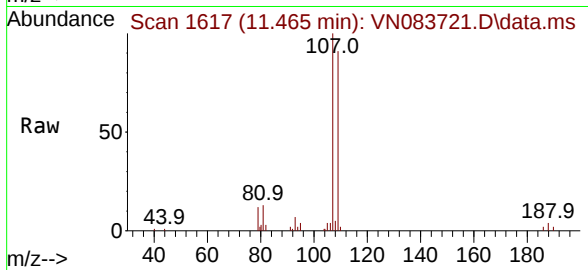




#61
1,2-Dibromoethane
Concen: 23.267 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

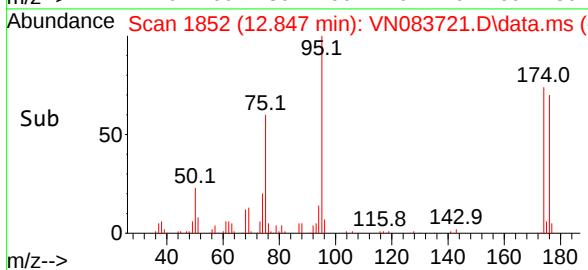
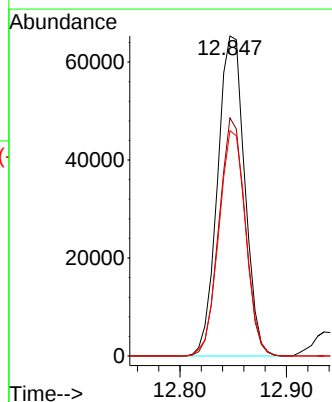
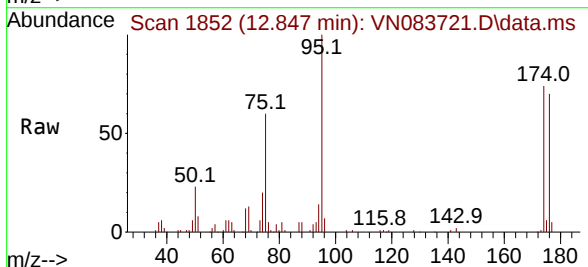
Instrument :
MSVOA_N
ClientSampleId :

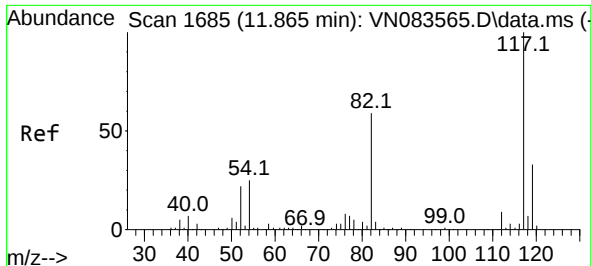
Tgt Ion:107 Resp: 34851
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.178 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 95 Resp: 115458
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.8
176 70.0 0.0 131.4

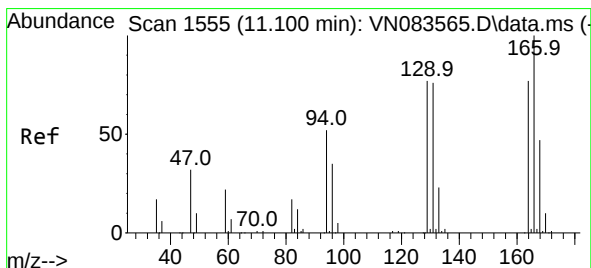
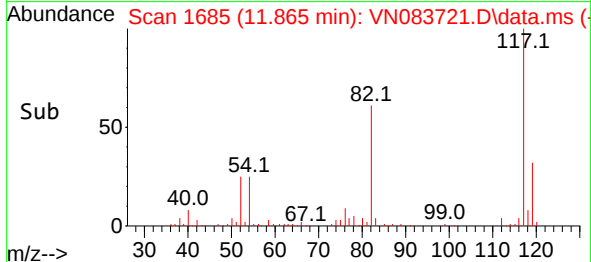
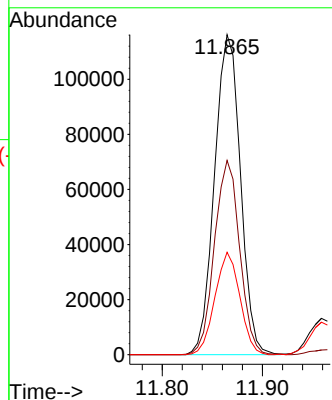
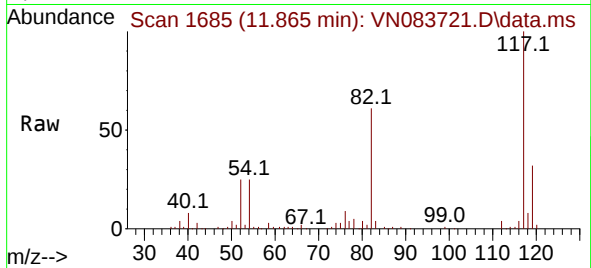




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

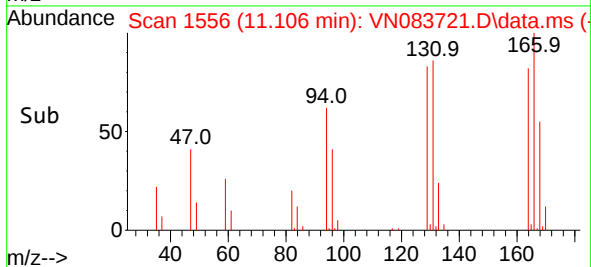
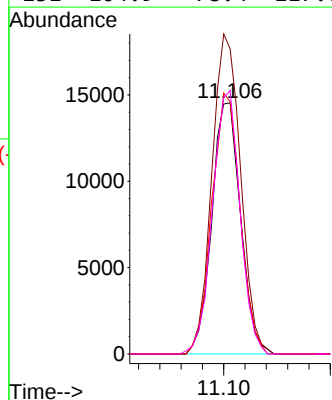
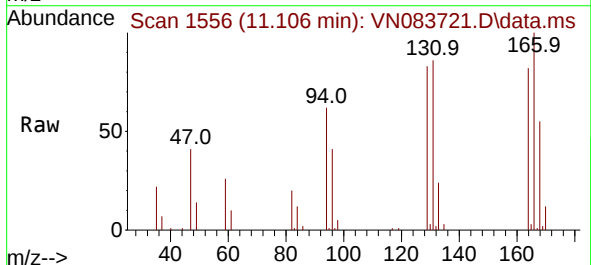
Instrument :
MSVOA_N
ClientSampleId :

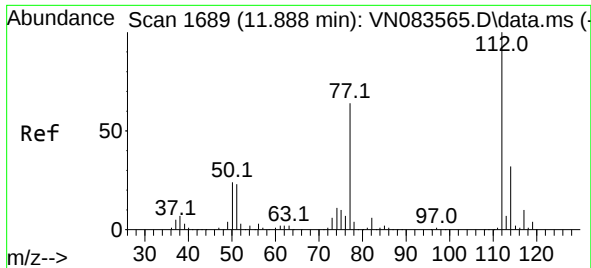
Tgt Ion:117 Resp: 208485
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 19.812 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:164 Resp: 27150
Ion Ratio Lower Upper
164 100
166 121.6 103.7 155.5
129 100.5 79.9 119.9
131 104.9 78.4 117.6

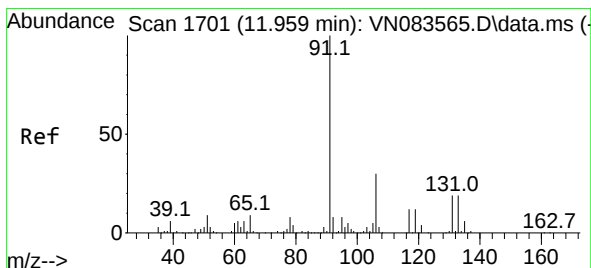
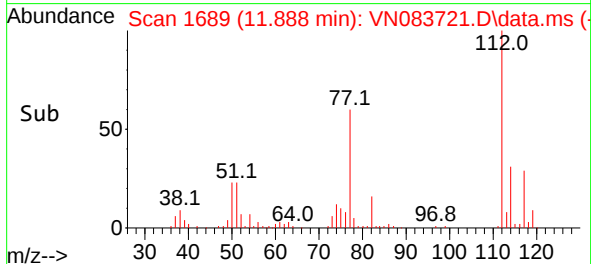
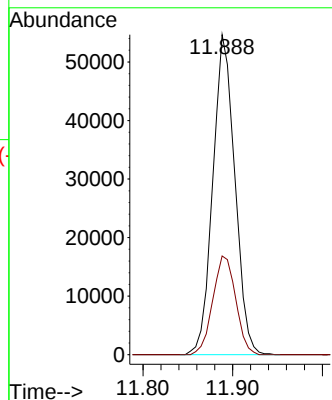
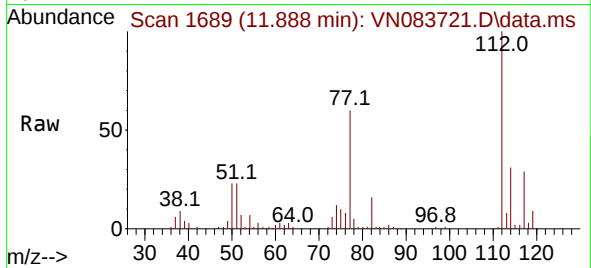




#65
Chlorobenzene
Concen: 19.919 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

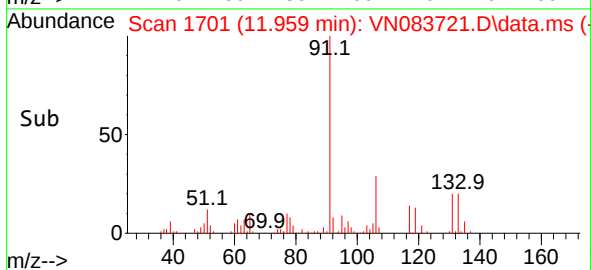
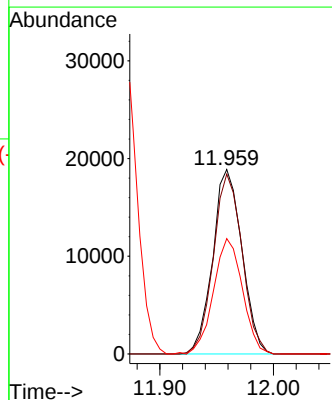
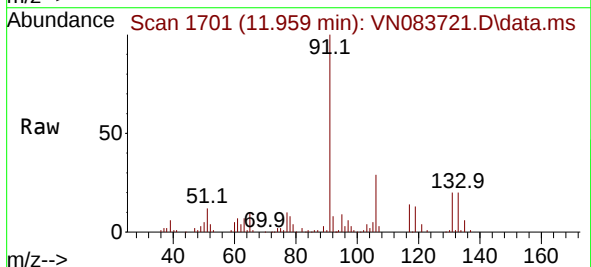
Instrument :
MSVOA_N
ClientSampleId :

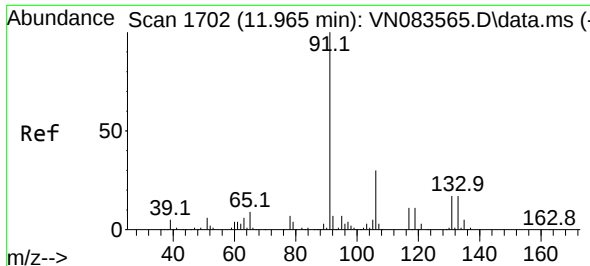
Tgt Ion:112 Resp: 93132
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.367 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:131 Resp: 33730
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 62.1 31.6 94.8

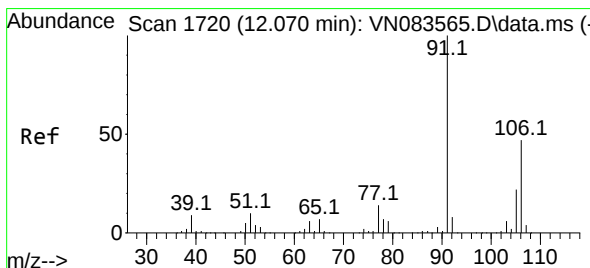
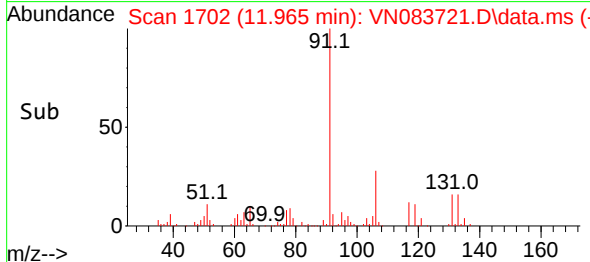
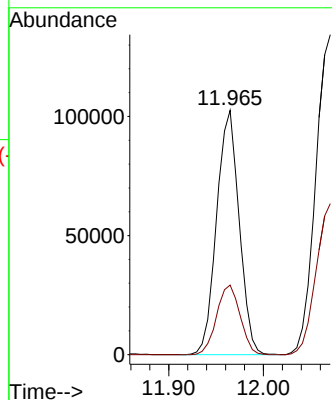
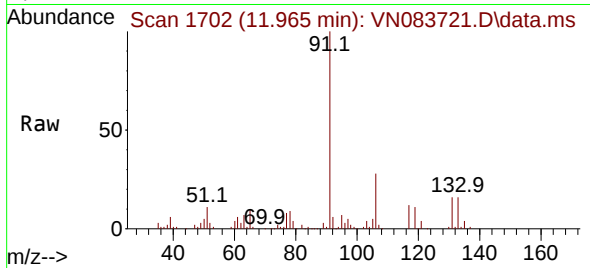




#67
Ethyl Benzene
Concen: 20.337 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

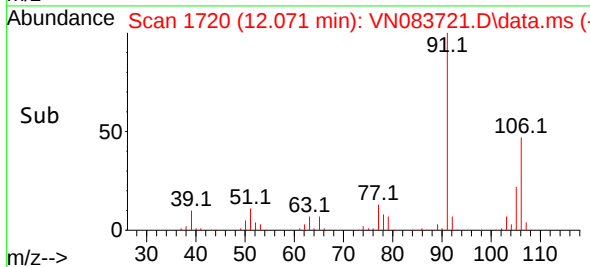
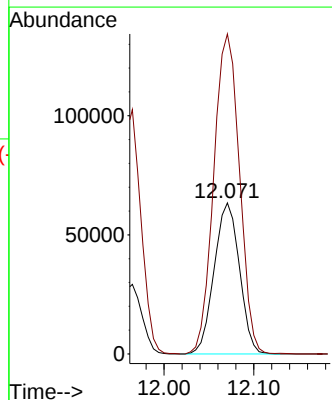
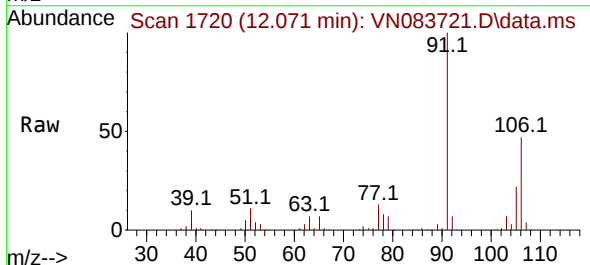
Instrument :
MSVOA_N
ClientSampleId :

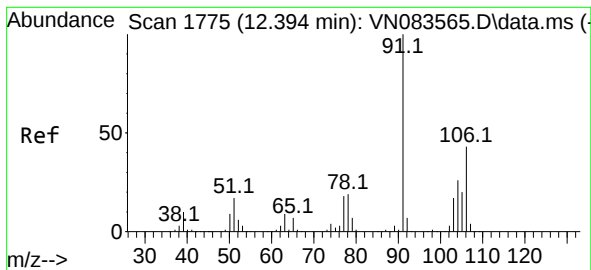
Tgt Ion: 91 Resp: 169736
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5



#68
m/p-Xylenes
Concen: 39.437 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:106 Resp: 123993
Ion Ratio Lower Upper
106 100
91 215.7 169.2 253.8

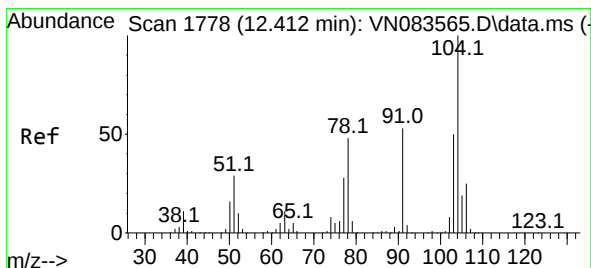
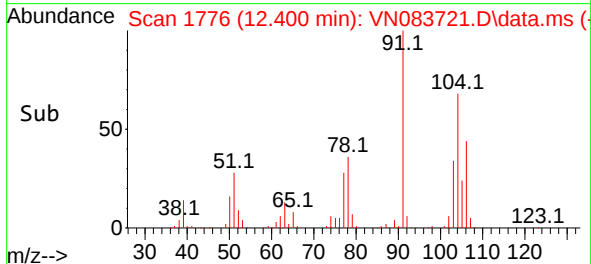
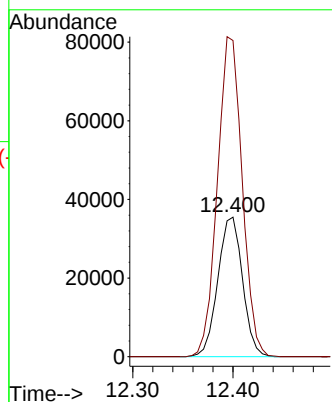
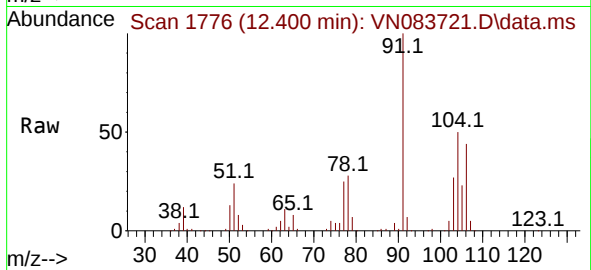




#69
o-Xylene
Concen: 19.975 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

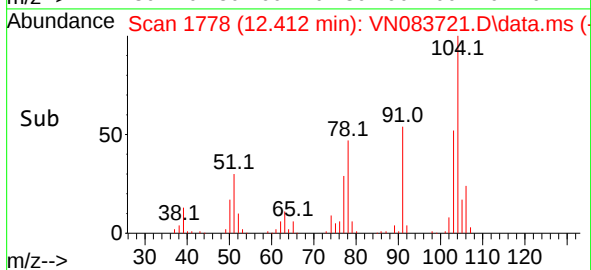
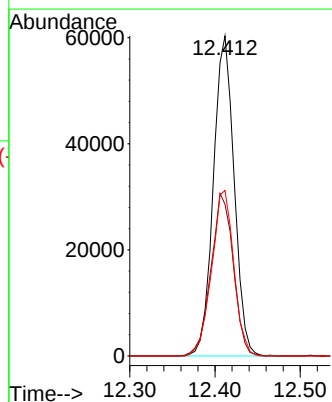
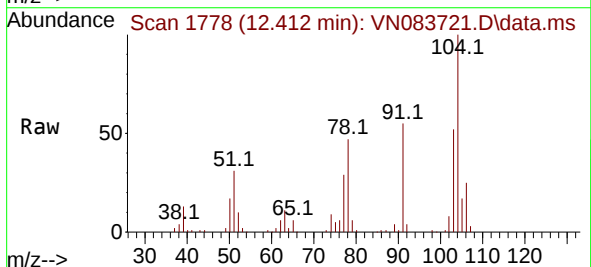
Instrument :
MSVOA_N
ClientSampleId :

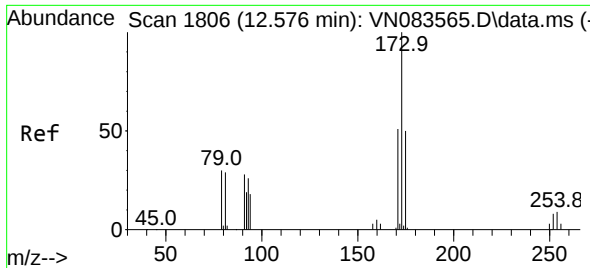
Tgt Ion:106 Resp: 60701
Ion Ratio Lower Upper
106 100
91 230.2 112.9 338.6



#70
Styrene
Concen: 19.951 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:104 Resp: 101938
Ion Ratio Lower Upper
104 100
78 54.6 43.3 64.9
103 55.2 43.4 65.2

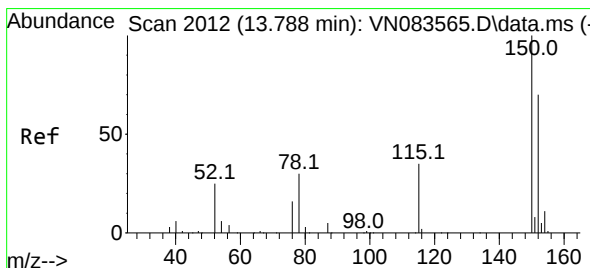
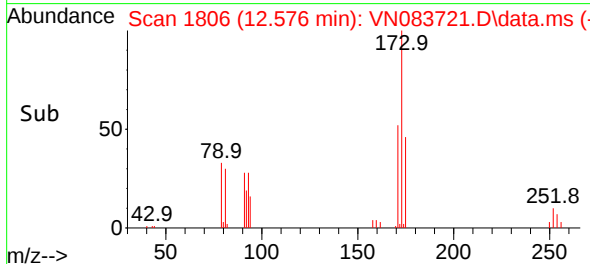
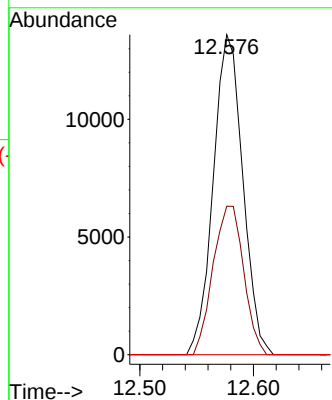
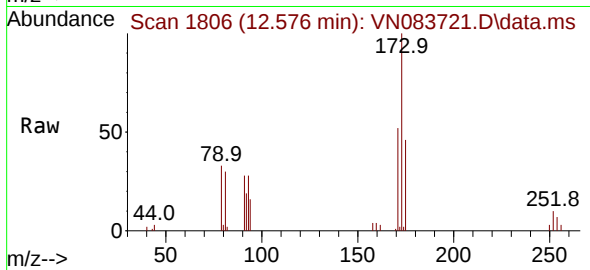




#71
Bromoform
Concen: 21.806 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

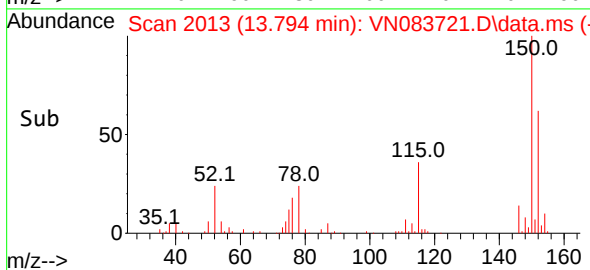
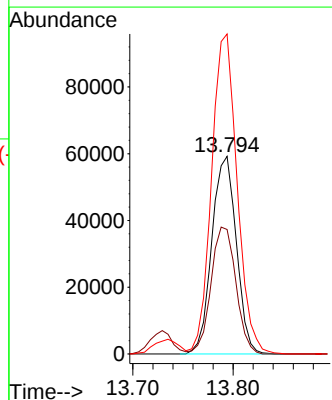
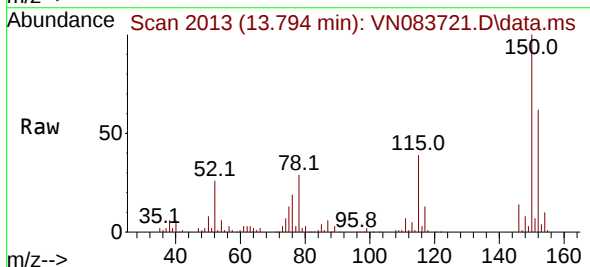
Instrument :
MSVOA_N
ClientSampleId :

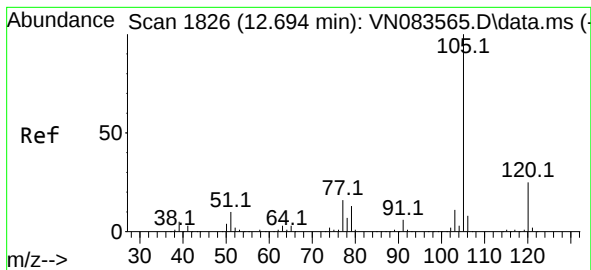
Tgt Ion:173 Resp: 24519
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:152 Resp: 100544
Ion Ratio Lower Upper
152 100
115 65.2 32.2 96.6
150 168.5 0.0 348.6





#73

Isopropylbenzene

Concen: 19.229 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

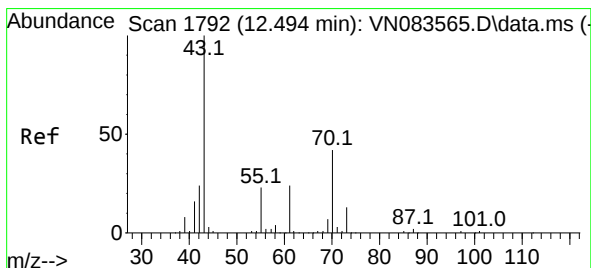
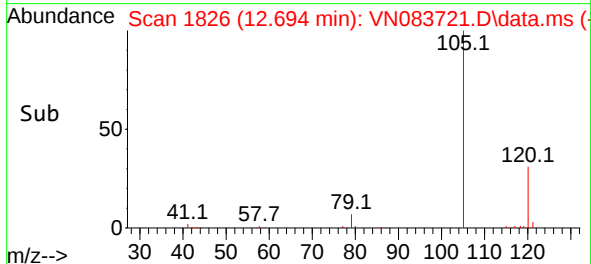
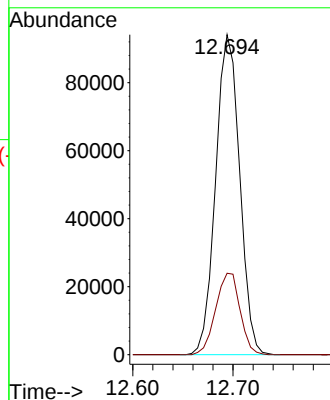
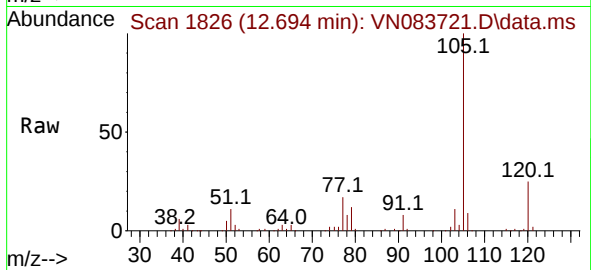
ClientSampleId :

Tgt Ion:105 Resp: 156480

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 20.555 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Tgt Ion: 43 Resp: 72603

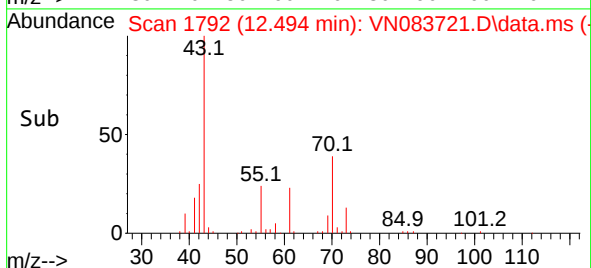
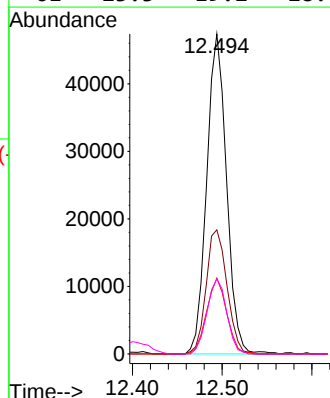
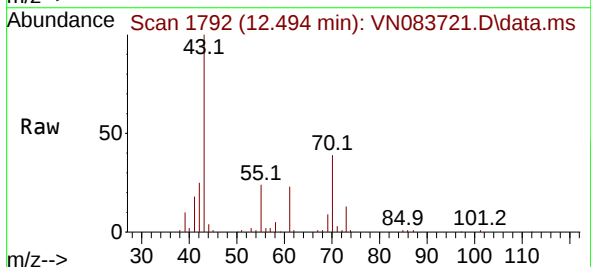
Ion Ratio Lower Upper

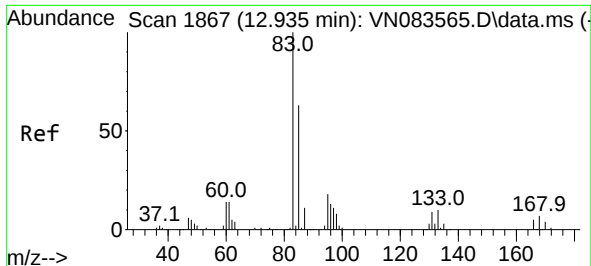
43 100

70 40.8 34.5 51.7

55 24.0 18.6 28.0

61 23.3 19.2 28.8

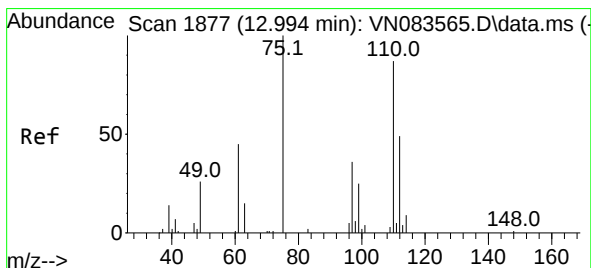
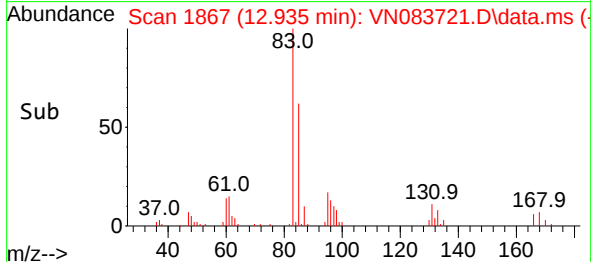
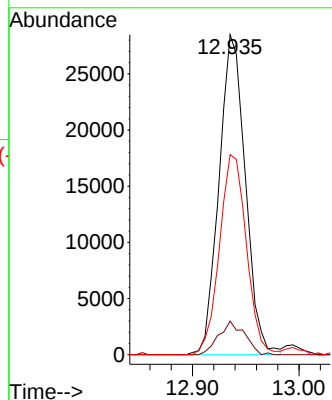
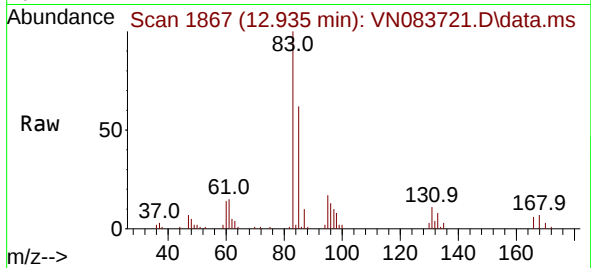




#75
1,1,2,2-Tetrachloroethane
Concen: 21.152 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

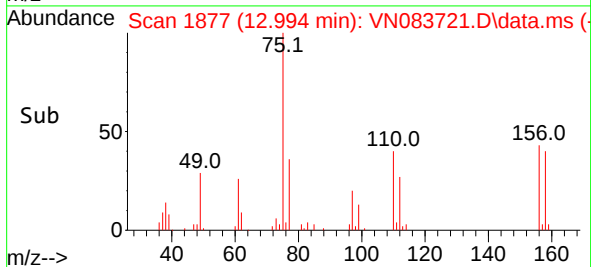
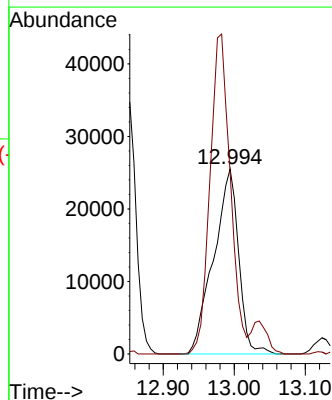
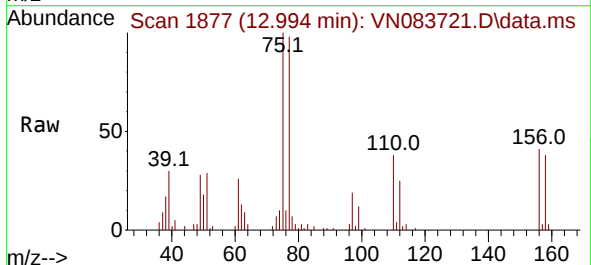
Instrument :
MSVOA_N
ClientSampleId :

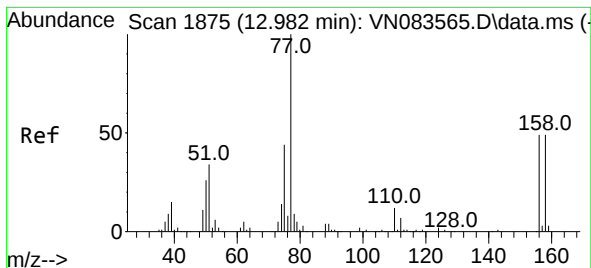
Tgt Ion: 83 Resp: 48866
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 63.9 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 30.614 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion: 75 Resp: 62146
Ion Ratio Lower Upper
75 100
77 140.9 95.2 285.6





#77

Bromobenzene

Concen: 20.414 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

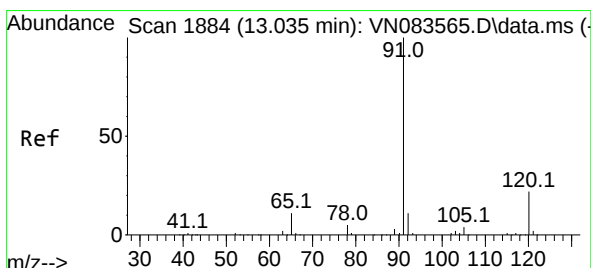
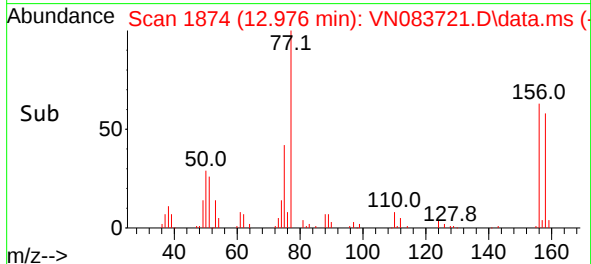
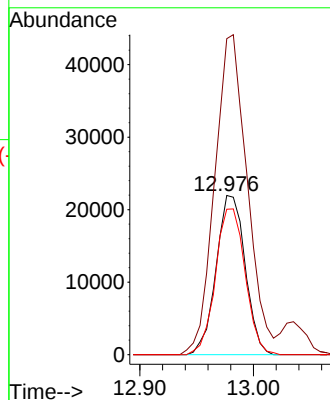
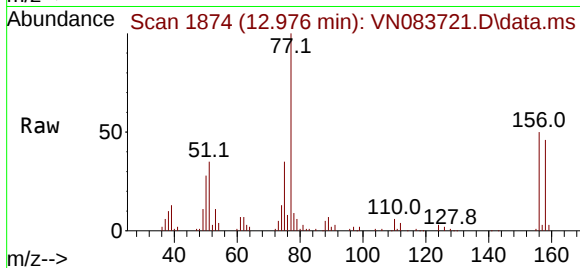
Tgt Ion:156 Resp: 38975

Ion Ratio Lower Upper

156 100

77 224.7 114.3 343.1

158 93.7 48.9 146.7



#78

n-propylbenzene

Concen: 19.206 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083721.D

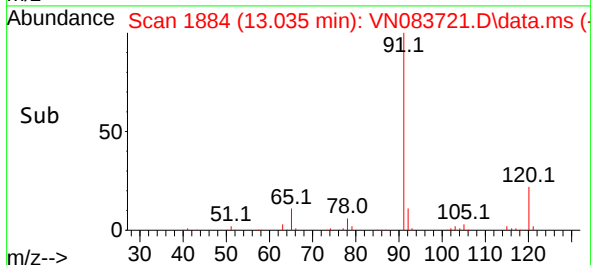
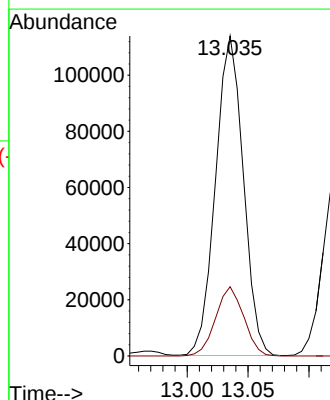
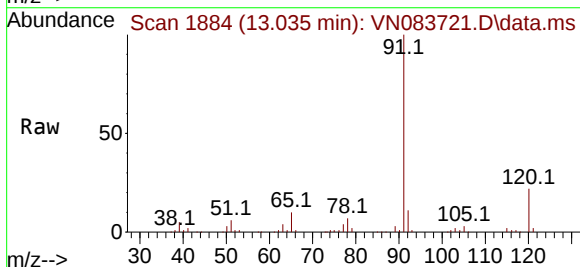
Acq: 09 Sep 2024 17:00

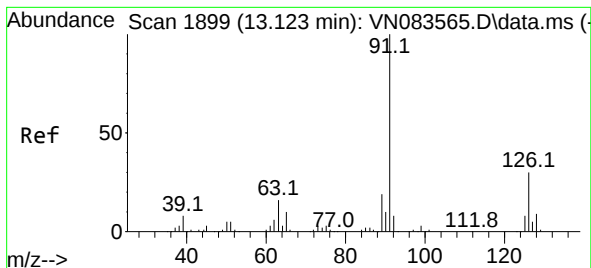
Tgt Ion: 91 Resp: 180701

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 19.080 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

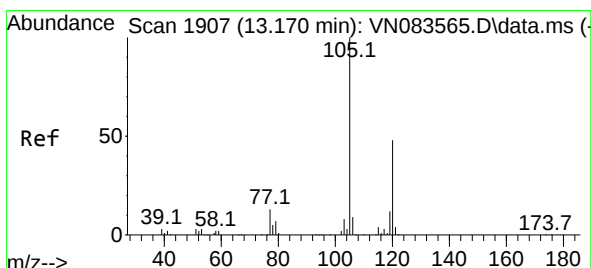
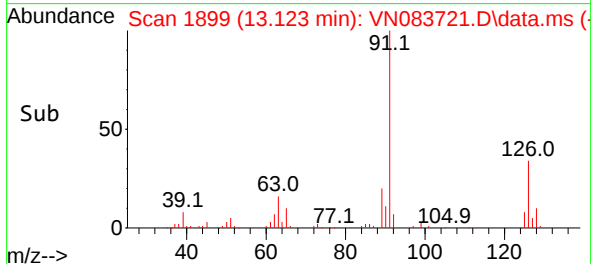
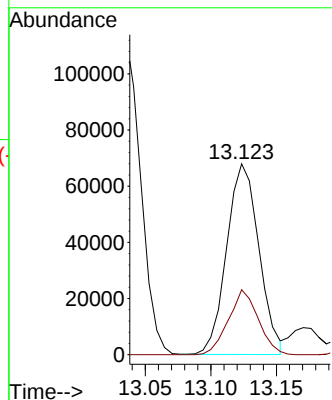
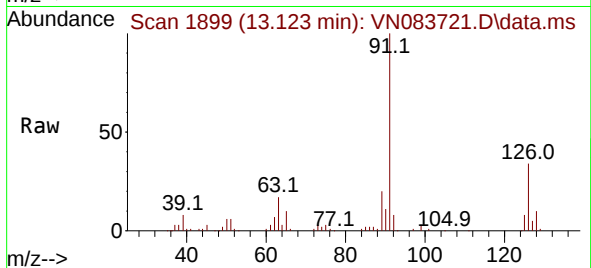
ClientSampleId :

Tgt Ion: 91 Resp: 116328

Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 19.571 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083721.D

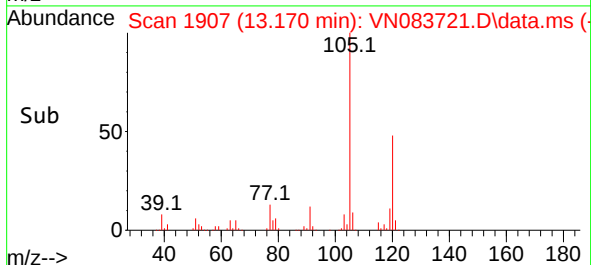
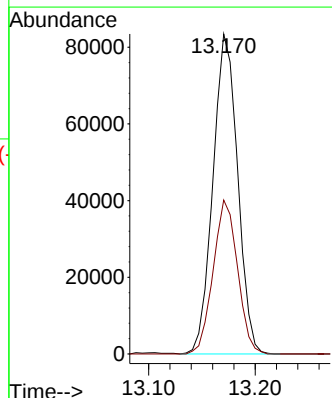
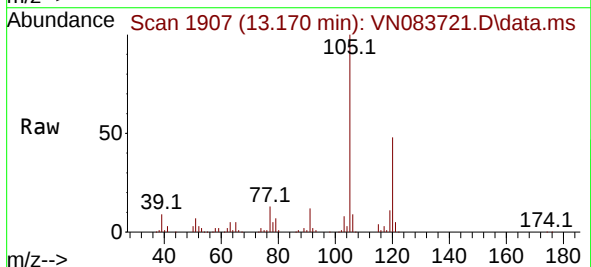
Acq: 09 Sep 2024 17:00

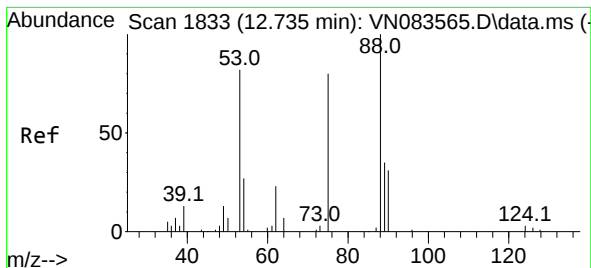
Tgt Ion: 105 Resp: 134171

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.3

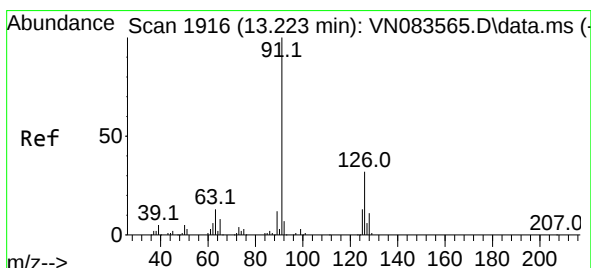
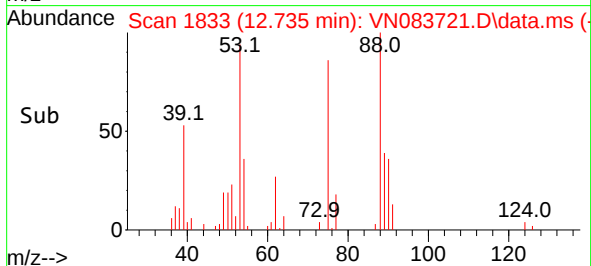
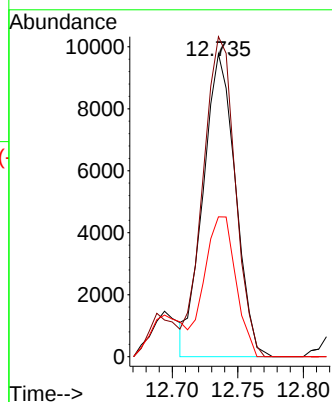
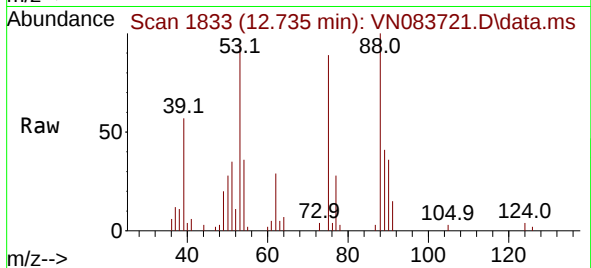




#81
trans-1,4-Dichloro-2-butene
Concen: 19.443 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

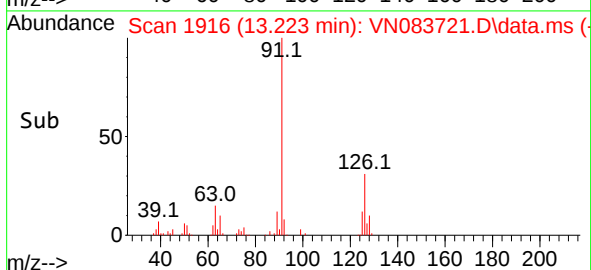
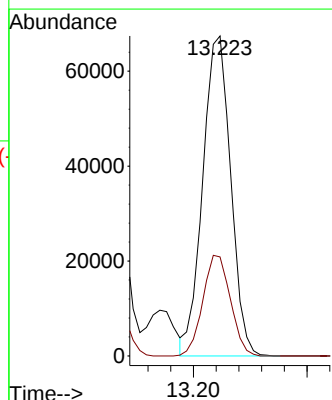
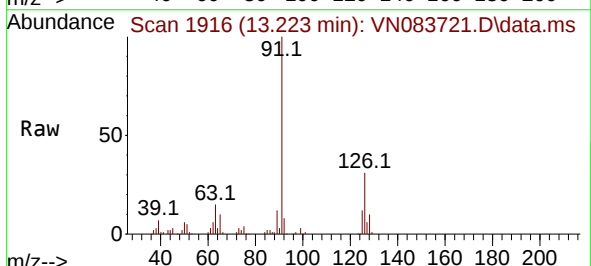
Instrument :
MSVOA_N
ClientSampleId :

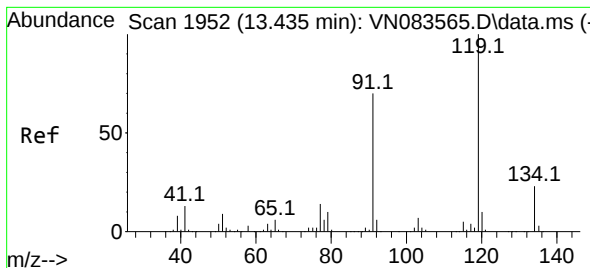
Tgt Ion:	75	Resp:	16734
Ion	Ratio	Lower	Upper
75	100		
53	105.4	81.2	121.8
89	44.8	35.7	53.5



#82
4-Chlorotoluene
Concen: 18.610 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:	91	Resp:	115268
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2

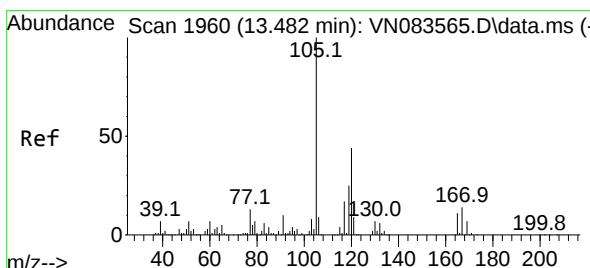
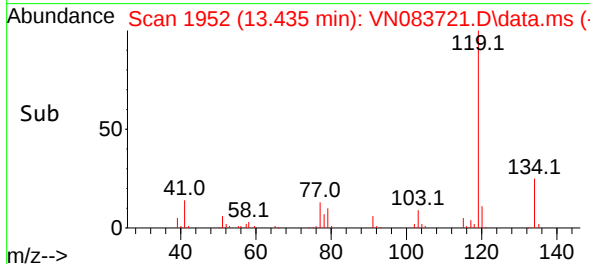
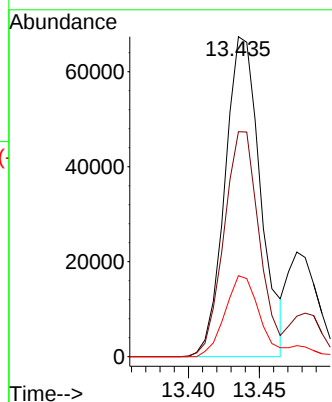
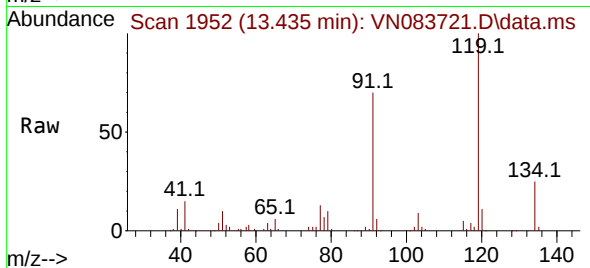




#83
tert-Butylbenzene
Concen: 19.233 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

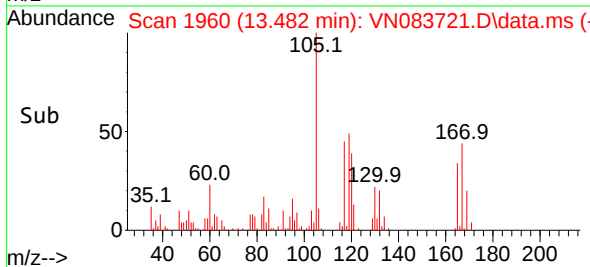
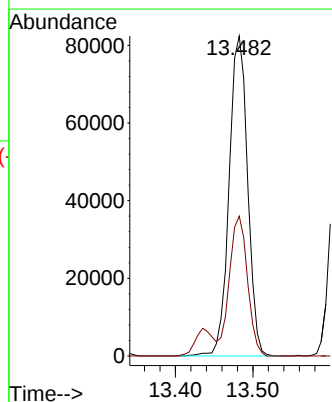
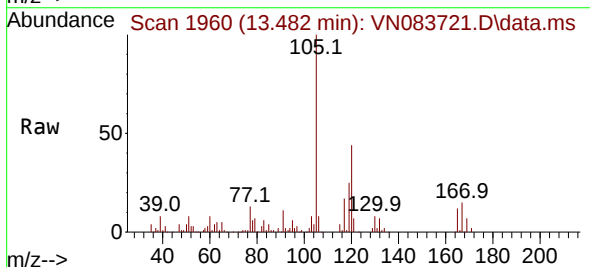
Instrument :
MSVOA_N
ClientSampleId :

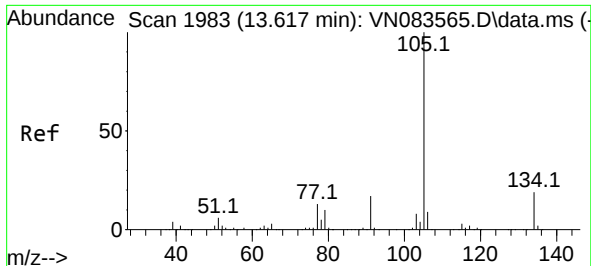
Tgt Ion:119 Resp: 117226
Ion Ratio Lower Upper
119 100
91 69.9 34.5 103.6
134 24.8 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 19.858 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:105 Resp: 137032
Ion Ratio Lower Upper
105 100
120 42.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 19.078 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

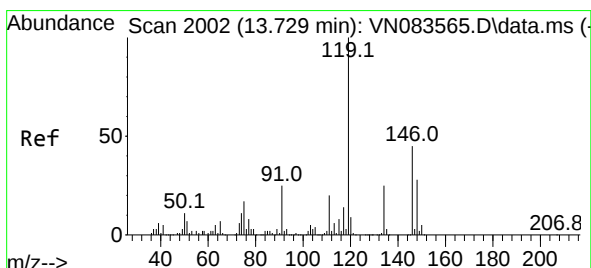
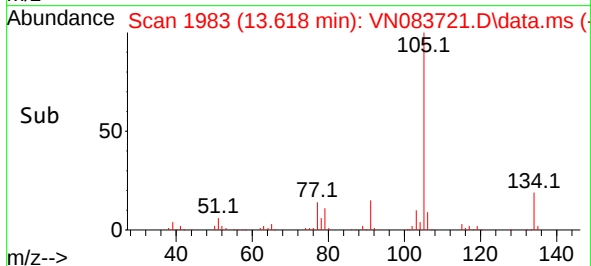
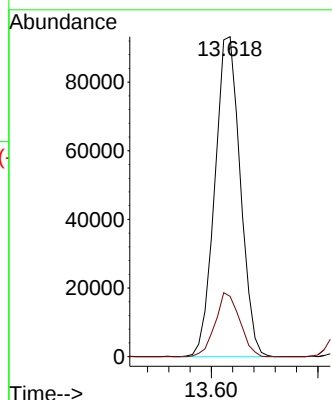
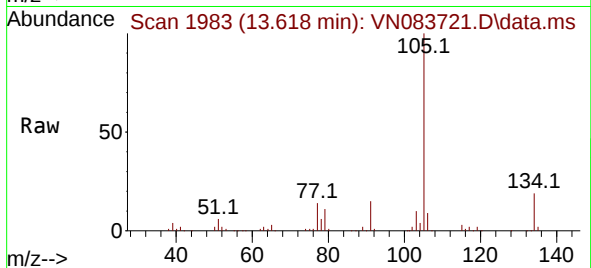
ClientSampleId :

Tgt Ion:105 Resp: 154553

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.221 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

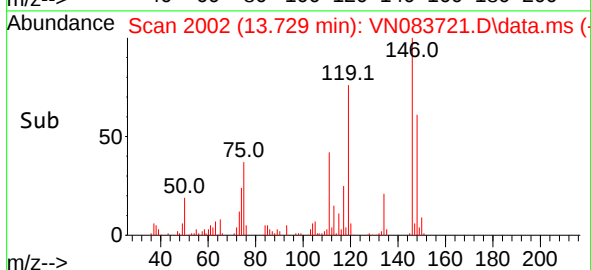
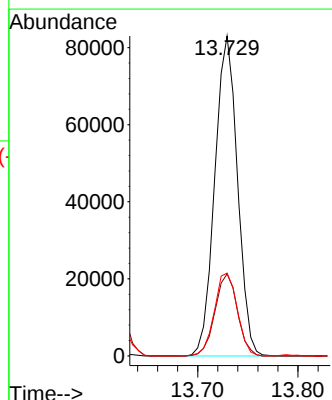
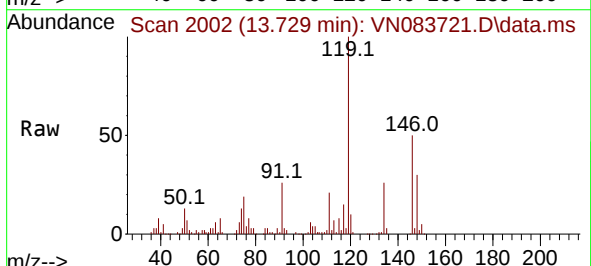
Tgt Ion:119 Resp: 130052

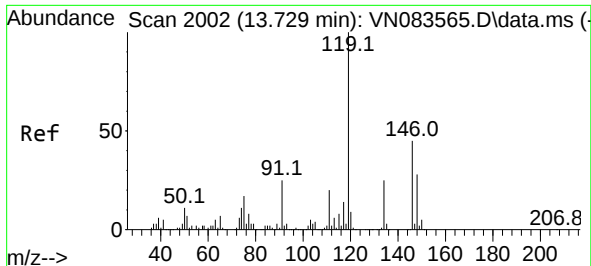
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

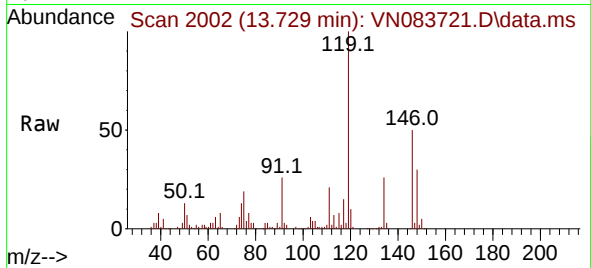
91 26.3 12.9 38.7



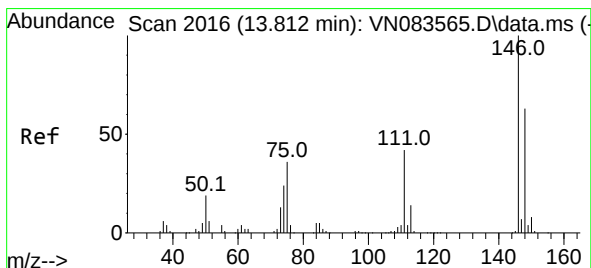
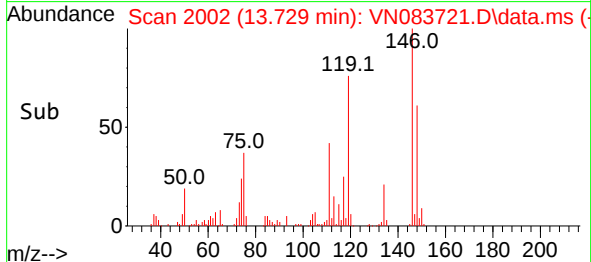
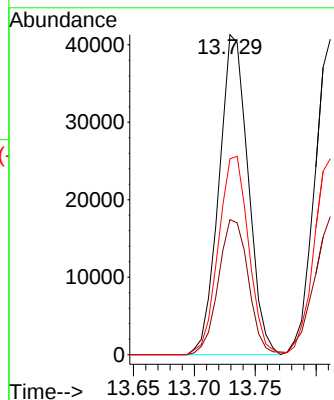


#87
 1,3-Dichlorobenzene
 Concen: 18.577 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

Instrument :
 MSVOA_N
 ClientSampleId :

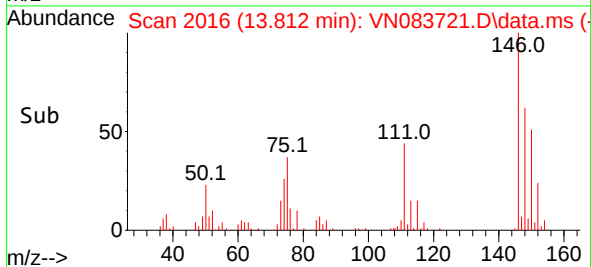
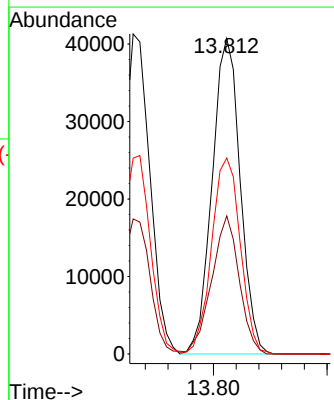
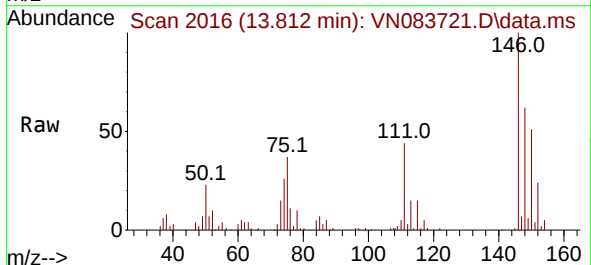


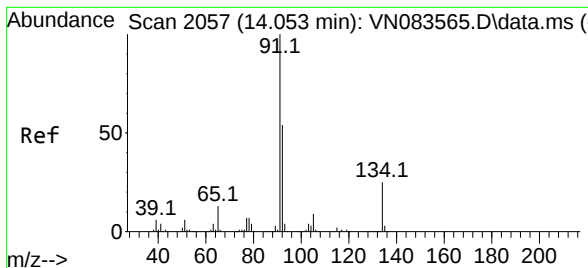
Tgt Ion:146 Resp: 68851
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.7 65.1
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.377 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083721.D
 Acq: 09 Sep 2024 17:00

Tgt Ion:146 Resp: 69982
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 64.0
 148 63.5 32.0 96.2





#89

n-Butylbenzene

Concen: 18.571 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

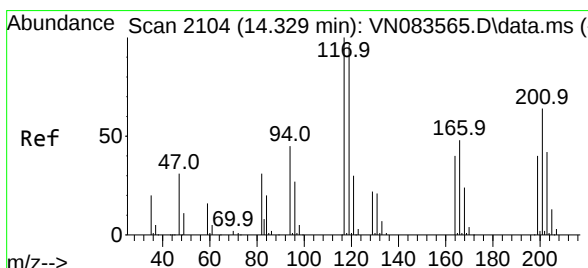
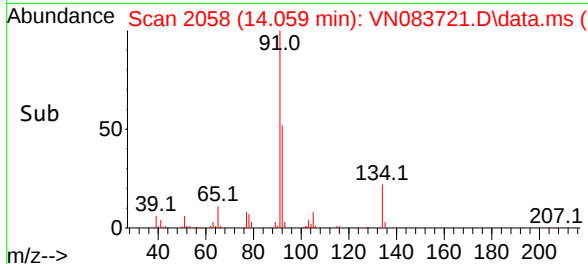
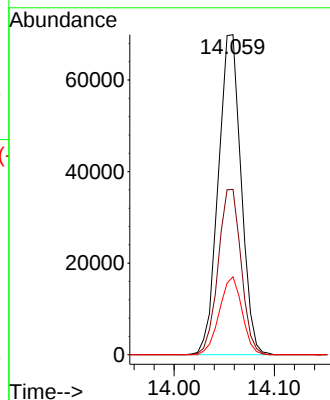
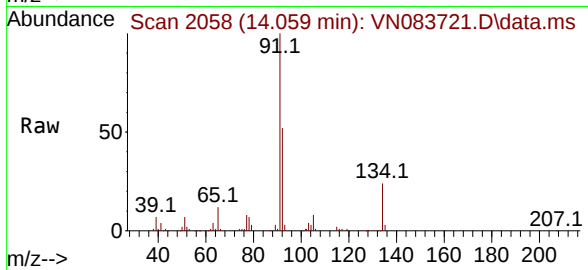
Tgt Ion: 91 Resp: 110530

Ion Ratio Lower Upper

91 100

92 51.8 26.7 80.1

134 24.1 12.2 36.4



#90

Hexachloroethane

Concen: 19.688 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN083721.D

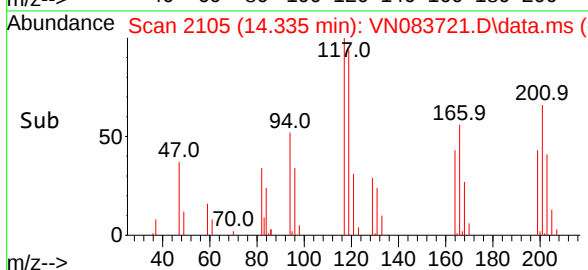
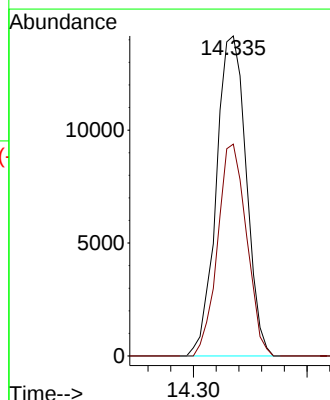
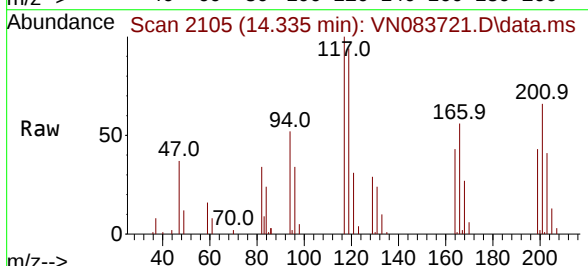
Acq: 09 Sep 2024 17:00

Tgt Ion: 117 Resp: 25930

Ion Ratio Lower Upper

117 100

201 64.0 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 19.276 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

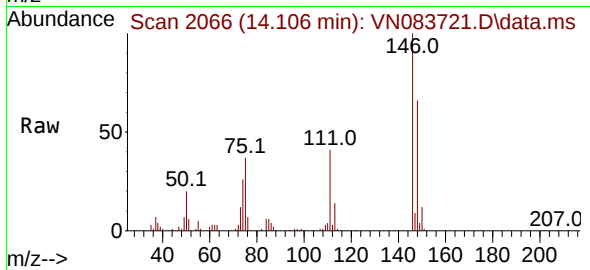
Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :



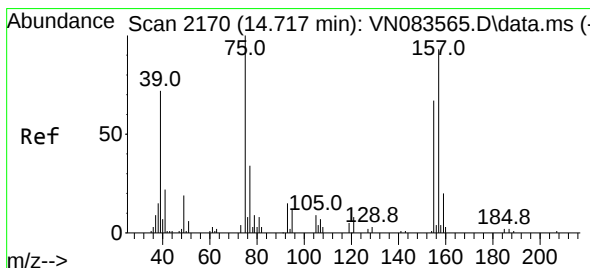
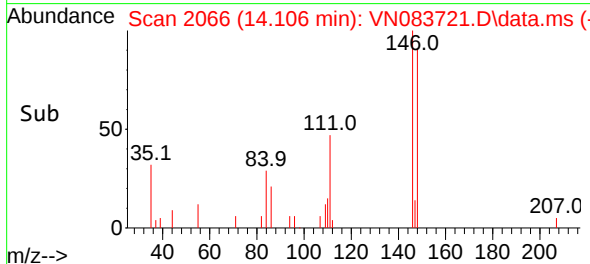
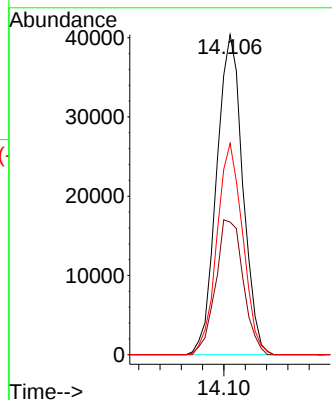
Tgt Ion:146 Resp: 68799

Ion Ratio Lower Upper

146 100

111 44.5 22.8 68.3

148 65.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.737 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

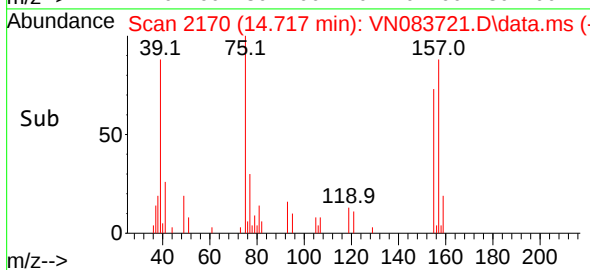
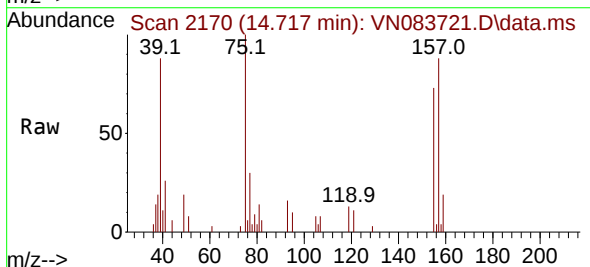
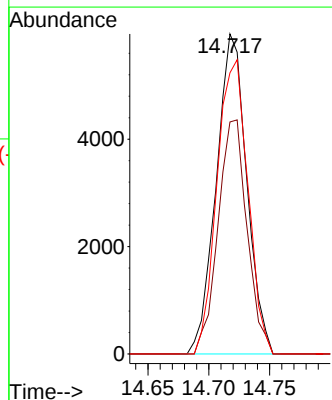
Tgt Ion: 75 Resp: 10390

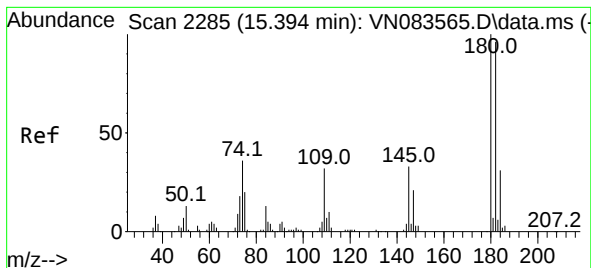
Ion Ratio Lower Upper

75 100

155 69.7 35.9 107.7

157 93.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 17.914 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083721.D

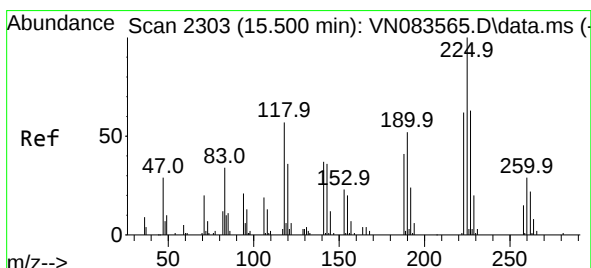
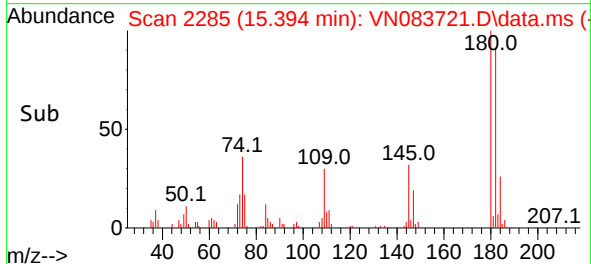
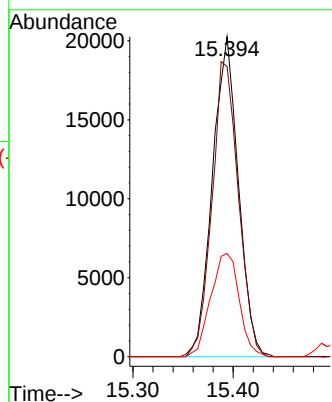
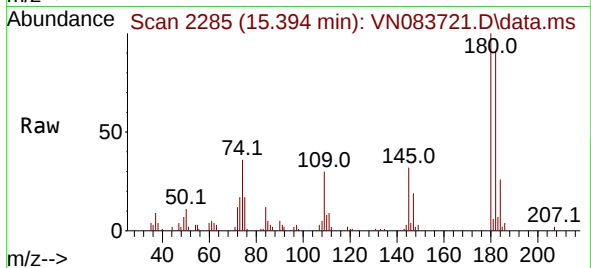
Acq: 09 Sep 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	36257
Ion Ratio	Lower	Upper
180	100	
182	94.0	48.1 144.3
145	35.4	16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.810 ug/l

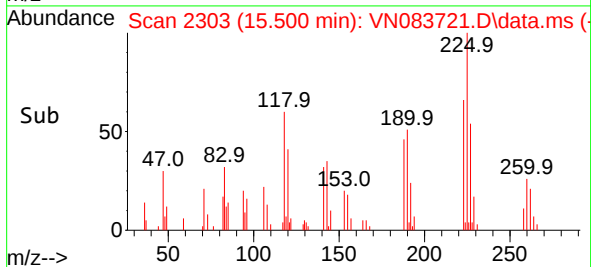
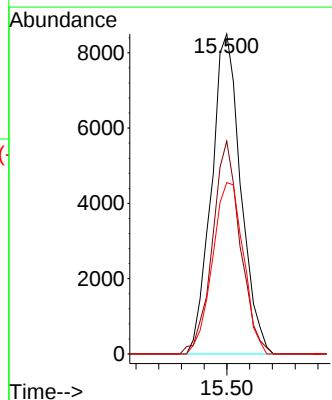
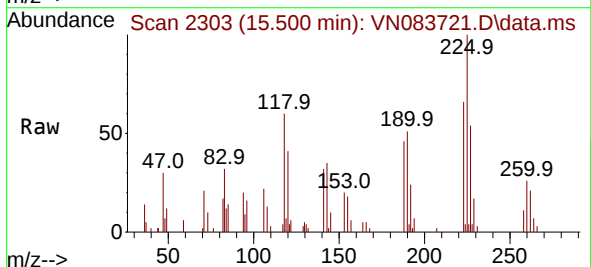
RT: 15.500 min Scan# 2303

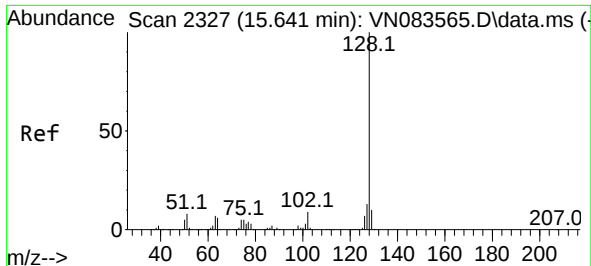
Delta R.T. 0.000 min

Lab File: VN083721.D

Acq: 09 Sep 2024 17:00

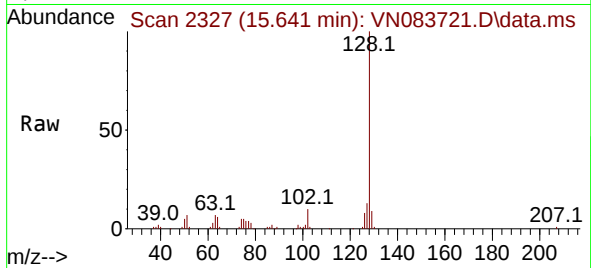
Tgt Ion:225	Resp:	15246
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.9 95.5
227	56.4	32.0 96.2



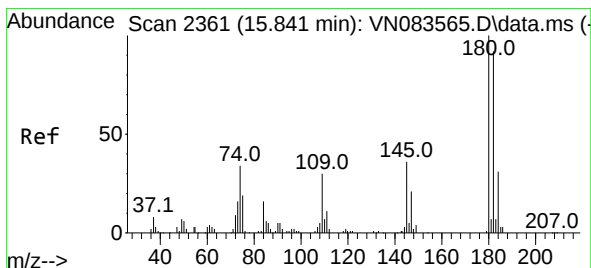
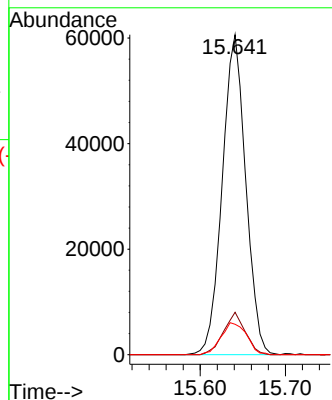
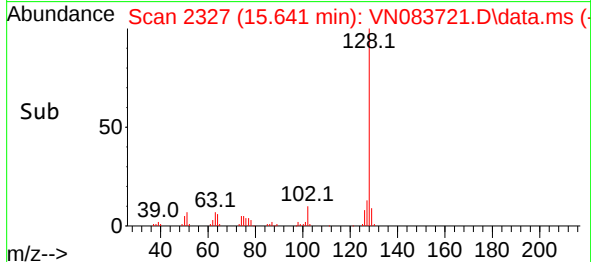


#95
Naphthalene
Concen: 17.880 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 116269
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.653 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083721.D
Acq: 09 Sep 2024 17:00

Tgt Ion:180 Resp: 33668
Ion Ratio Lower Upper
180 100
182 97.0 47.1 141.4
145 35.9 17.8 53.5

