

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083720.D
 Acq On : 09 Sep 2024 16:26
 Operator : JC\MD
 Sample : VN0909WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:11:37 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	146202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122971	60.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.360%	
35) Dibromofluoromethane	8.165	113	90151	59.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.140%	
50) Toluene-d8	10.565	98	321512	53.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.847	95	127060	57.714	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37350	24.138	ug/l	99
3) Chloromethane	2.359	50	37653	20.890	ug/l	94
4) Vinyl Chloride	2.512	62	38351	21.260	ug/l	97
5) Bromomethane	2.900	94	21592	22.769	ug/l	97
6) Chloroethane	3.071	64	25696	21.799	ug/l	98
7) Trichlorofluoromethane	3.471	101	65357	22.001	ug/l	99
8) Diethyl Ether	3.953	74	22011	20.726	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	35319	21.923	ug/l	98
10) Methyl Iodide	4.577	142	45326	20.799	ug/l	95
11) Tert butyl alcohol	5.530	59	32461	101.890	ug/l	98
12) 1,1-Dichloroethene	4.324	96	32143	20.069	ug/l	94
13) Acrolein	4.177	56	25012	82.983	ug/l	99
14) Allyl chloride	5.012	41	57282	20.059	ug/l	97
15) Acrylonitrile	5.718	53	85860	109.280	ug/l	99
16) Acetone	4.430	43	90468	111.026	ug/l	93
17) Carbon Disulfide	4.694	76	87222	18.687	ug/l	96
18) Methyl Acetate	5.024	43	42584	19.651	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	117673	20.712	ug/l	93
20) Methylene Chloride	5.271	84	36804	20.454	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	33384	20.010	ug/l	88
22) Diisopropyl ether	6.671	45	118706	21.081	ug/l	96
23) Vinyl Acetate	6.600	43	442873	106.130	ug/l	97
24) 1,1-Dichloroethane	6.565	63	68663	21.383	ug/l	97
25) 2-Butanone	7.483	43	117506	105.916	ug/l	98
26) 2,2-Dichloropropane	7.488	77	63817	21.346	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	41214	20.702	ug/l	99
28) Bromochloromethane	7.812	49	32076	21.391	ug/l	95
29) Tetrahydrofuran	7.841	42	73704	107.105	ug/l	99
30) Chloroform	7.965	83	70576	20.861	ug/l	99
31) Cyclohexane	8.253	56	63646	20.136	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	65231	21.323	ug/l	99
36) 1,1-Dichloropropene	8.365	75	47737	20.507	ug/l	99
37) Ethyl Acetate	7.559	43	50120	21.634	ug/l	97
38) Carbon Tetrachloride	8.359	117	57646	21.705	ug/l	99
39) Methylcyclohexane	9.600	83	57820	20.699	ug/l	93
40) Benzene	8.606	78	148821	20.783	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27731	20.976	ug/l	96
42) 1,2-Dichloroethane	8.671	62	57631	21.711	ug/l	99
43) Isopropyl Acetate	8.688	43	84252	17.352	ug/l	98
44) Trichloroethene	9.353	130	33339	19.354	ug/l	100
45) 1,2-Dichloropropane	9.618	63	36387	21.813	ug/l	98
46) Dibromomethane	9.706	93	26676	21.676	ug/l	95
47) Bromodichloromethane	9.888	83	56018	21.383	ug/l	94
48) Methyl methacrylate	9.682	41	39481	20.778	ug/l	98
49) 1,4-Dioxane	9.694	88	13891	446.140	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	237448	110.245	ug/l	97
52) Toluene	10.629	92	93800	20.944	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	54454	20.079	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	58858	20.677	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	33906	21.211	ug/l	96
56) Ethyl methacrylate	10.876	69	56032	21.189	ug/l	97
57) 1,3-Dichloropropane	11.159	76	58726	20.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	91845	79.932	ug/l	100
59) 2-Hexanone	11.194	43	176781	109.368	ug/l	99
60) Dibromochloromethane	11.359	129	38419	20.742	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34626	21.202	ug/l	98
64) Tetrachloroethene	11.100	164	29632	19.939	ug/l	98
65) Chlorobenzene	11.888	112	96380	19.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35315	20.629	ug/l	99
67) Ethyl Benzene	11.965	91	175593	19.400	ug/l	98
68) m/p-Xylenes	12.070	106	130360	38.232	ug/l	98
69) o-Xylene	12.400	106	63790	19.357	ug/l	99
70) Styrene	12.412	104	105331	19.009	ug/l	100
71) Bromoform	12.582	173	24761	20.306	ug/l #	100
73) Isopropylbenzene	12.694	105	170060	19.242	ug/l	100
74) N-amyl acetate	12.494	43	73545	19.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48814	19.455	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	63957	29.010	ug/l	61
77) Bromobenzene	12.976	156	37249	17.964	ug/l	100
78) n-propylbenzene	13.035	91	189450	18.540	ug/l	100
79) 2-Chlorotoluene	13.123	91	120929	18.263	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	138993	18.669	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17289	18.496	ug/l	96
82) 4-Chlorotoluene	13.223	91	118916	17.678	ug/l	99
83) tert-Butylbenzene	13.435	119	122562	18.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141977	18.945	ug/l	100
85) sec-Butylbenzene	13.617	105	164980	18.752	ug/l	99
86) p-Isopropyltoluene	13.729	119	134418	18.292	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70896	17.614	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	70224	16.979	ug/l	98
89) n-Butylbenzene	14.053	91	114079	17.649	ug/l	99
90) Hexachloroethane	14.335	117	26665	18.642	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	70540	18.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10441	19.188	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	34684	15.779	ug/l	99
94) Hexachlorobutadiene	15.500	225	16793	19.078	ug/l	91
95) Naphthalene	15.641	128	114157	16.165	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	33777	15.383	ug/l	99

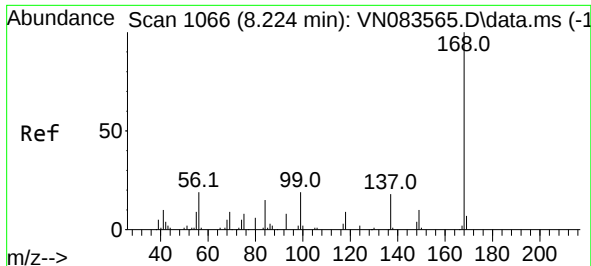
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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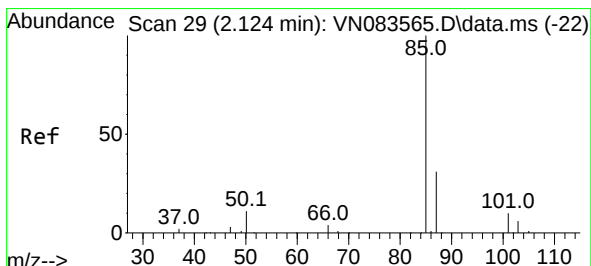
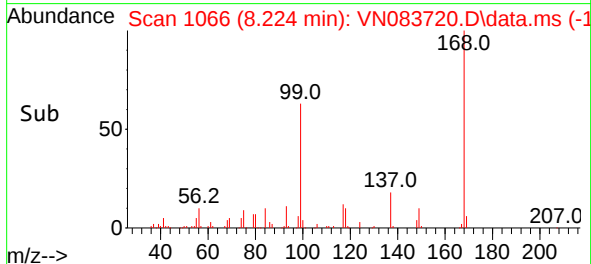
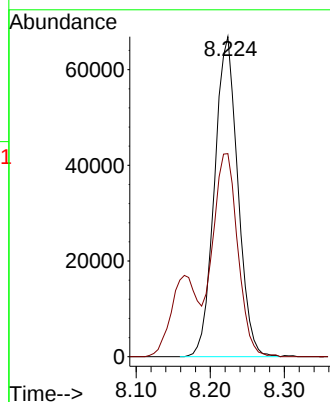
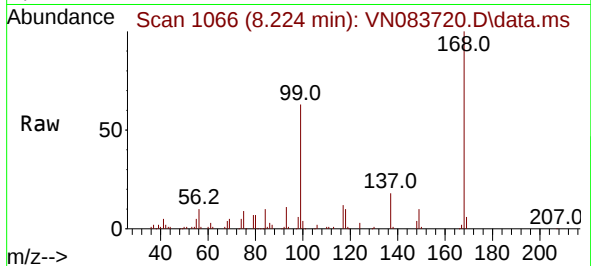
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

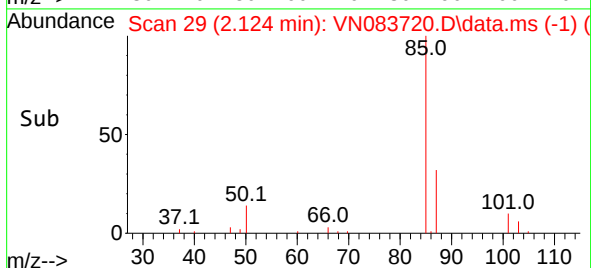
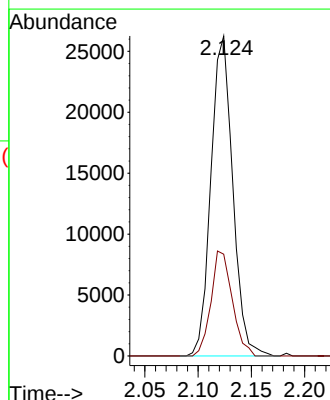
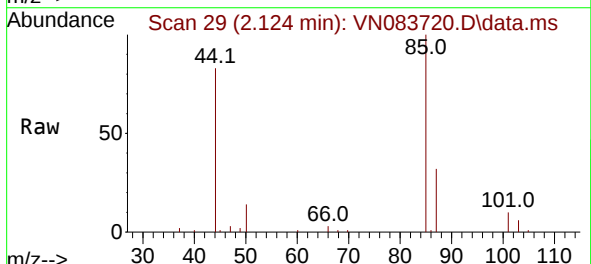
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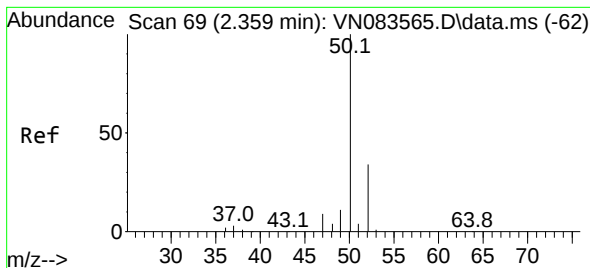
Tgt Ion:168 Resp: 146202
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 24.138 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 85 Resp: 37350
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





#3

Chloromethane

Concen: 20.890 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

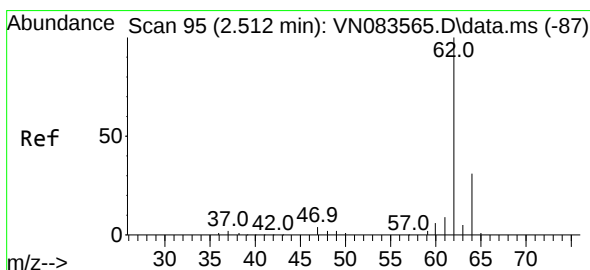
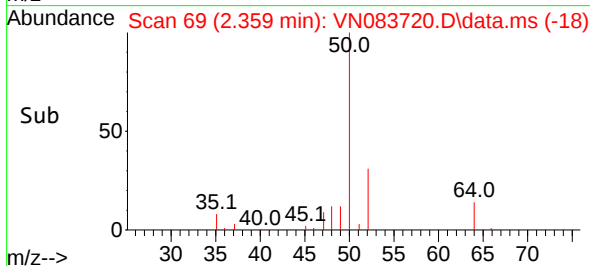
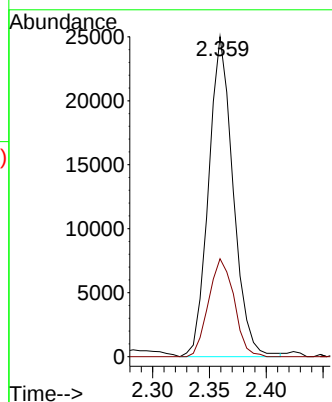
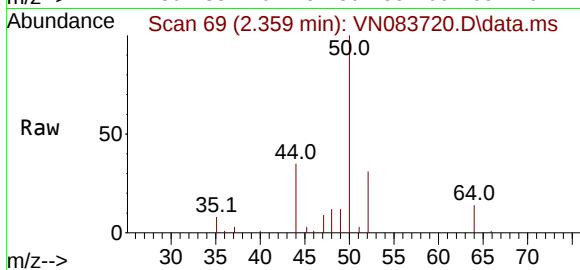
ClientSampleId :

Tgt Ion: 50 Resp: 37653

Ion Ratio Lower Upper

50 100

52 30.6 27.2 40.8



#4

Vinyl Chloride

Concen: 21.260 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083720.D

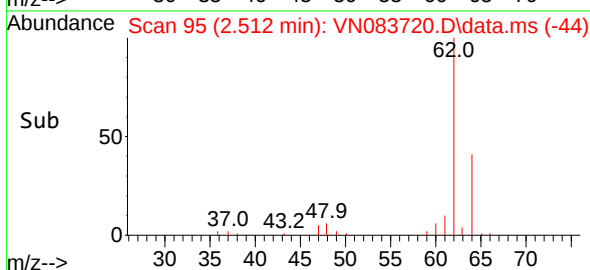
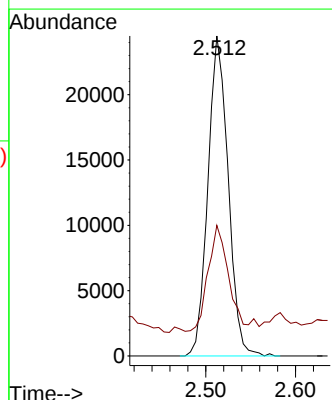
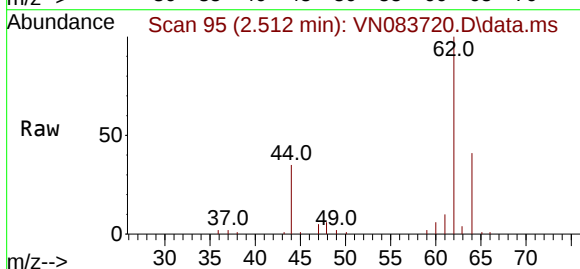
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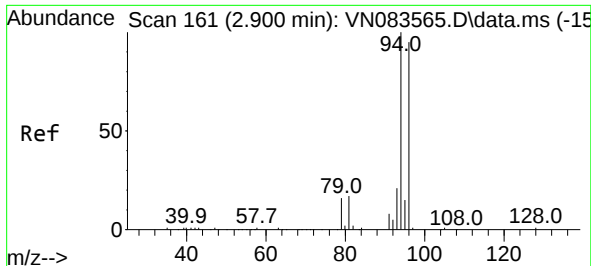
Tgt Ion: 62 Resp: 38351

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1

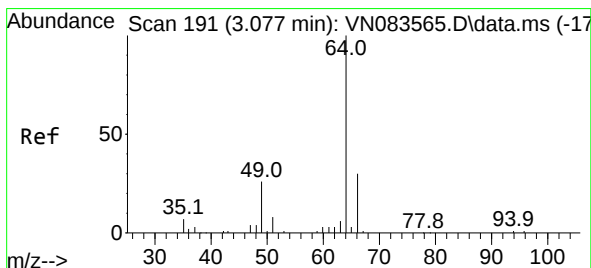
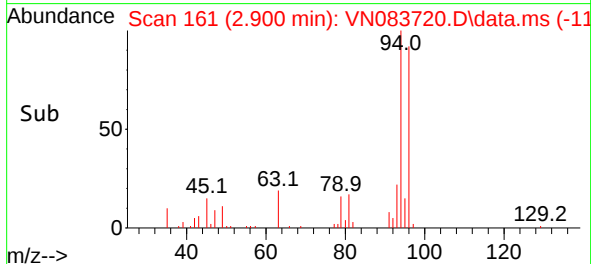
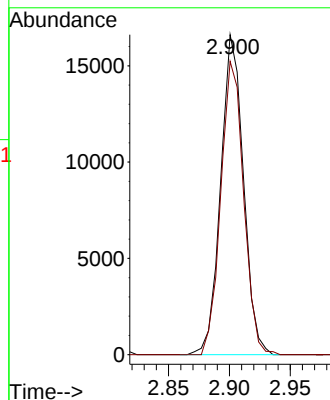
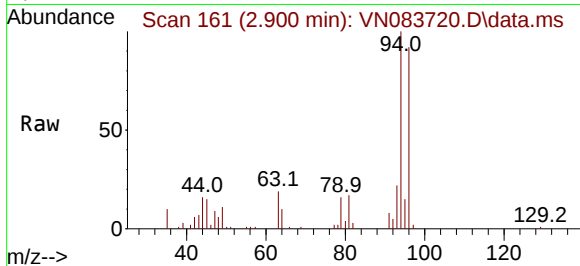




#5
Bromomethane
Concen: 22.769 ug/l
RT: 2.900 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

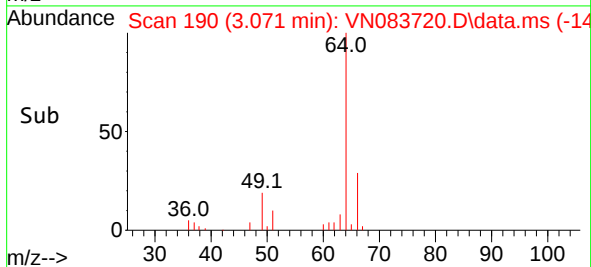
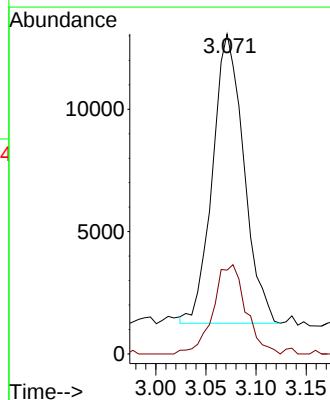
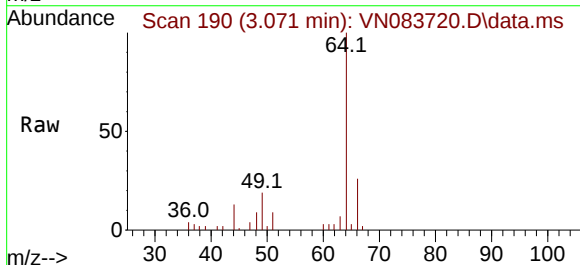
Instrument :
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ClientSampleId :

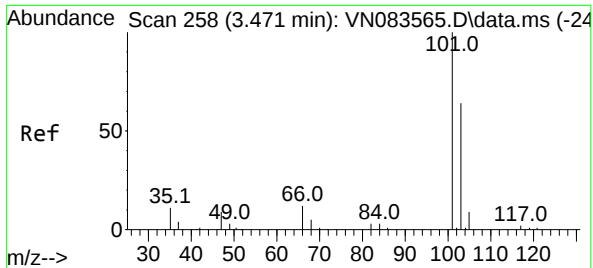
Tgt Ion: 94 Resp: 21592
Ion Ratio Lower Upper
94 100
96 91.6 76.0 114.0



#6
Chloroethane
Concen: 21.799 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 64 Resp: 25696
Ion Ratio Lower Upper
64 100
66 29.0 23.9 35.9

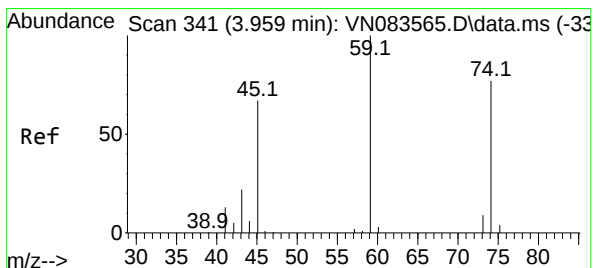
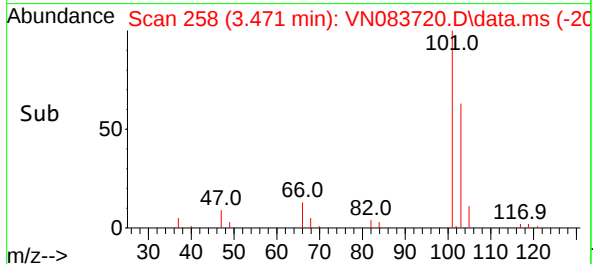
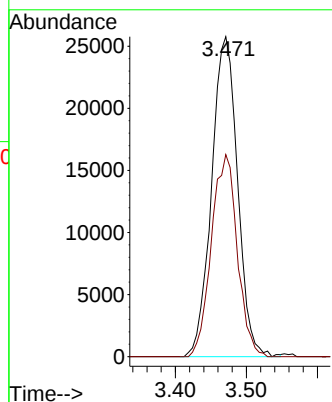
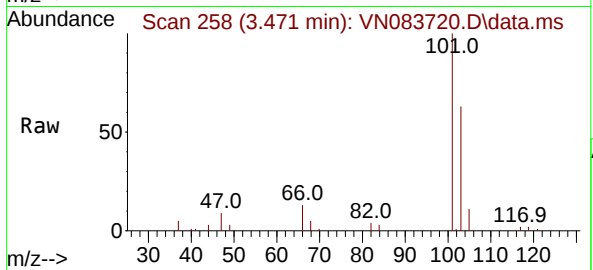




#7
 Trichlorofluoromethane
 Concen: 22.001 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

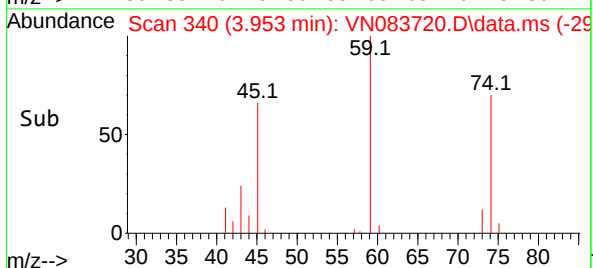
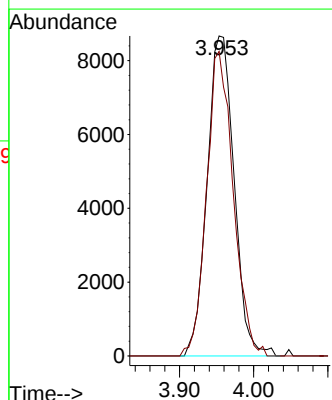
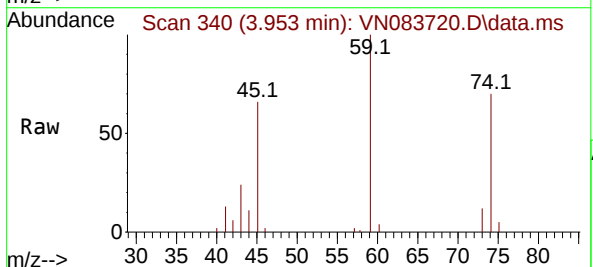
Instrument :
 MSVOA_N
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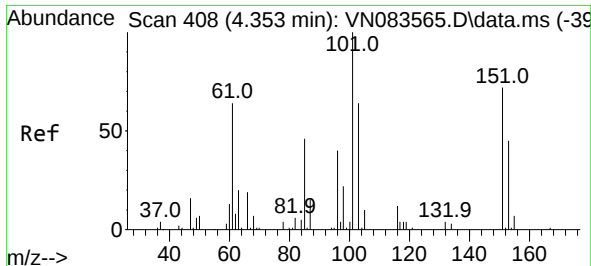
Tgt Ion:101 Resp: 65357
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.726 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

Tgt Ion: 74 Resp: 22011
 Ion Ratio Lower Upper
 74 100
 45 93.8 46.7 140.1

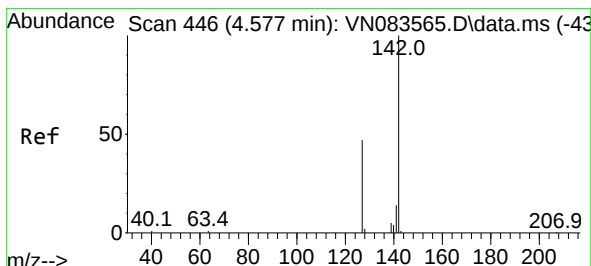
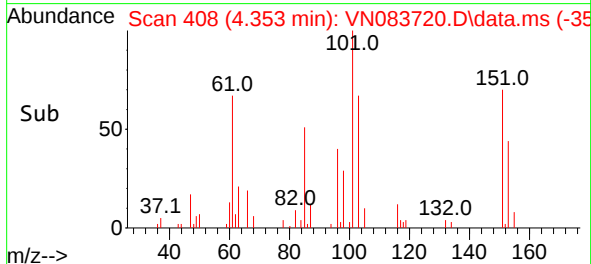
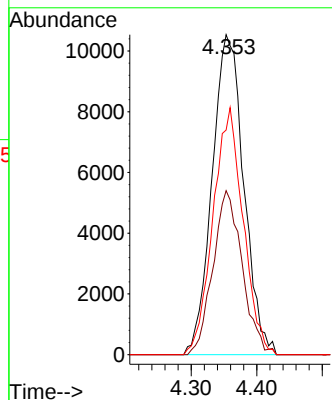
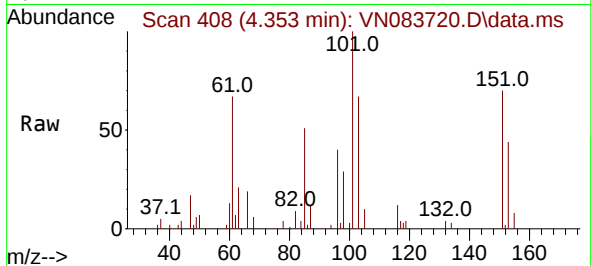




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.923 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083720.D
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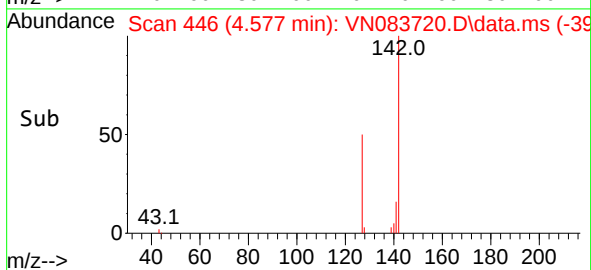
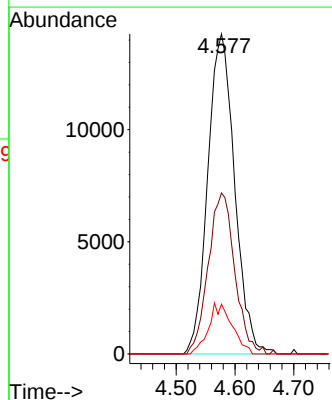
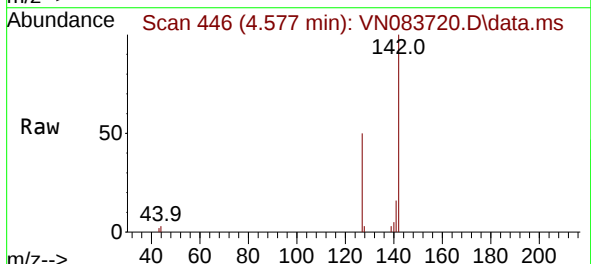
Instrument :
MSVOA_N
ClientSampleId :

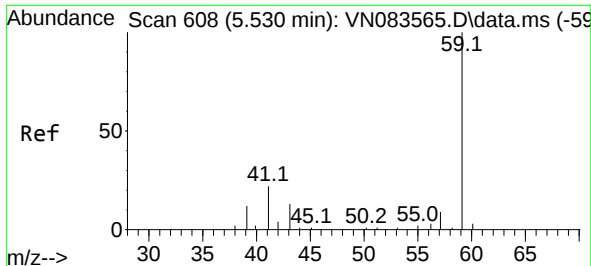
Tgt Ion:101 Resp: 35319
Ion Ratio Lower Upper
101 100
85 47.4 36.2 54.4
151 73.5 57.7 86.5



#10
Methyl Iodide
Concen: 20.799 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:142 Resp: 45326
Ion Ratio Lower Upper
142 100
127 50.3 37.5 56.3
141 15.5 11.0 16.4

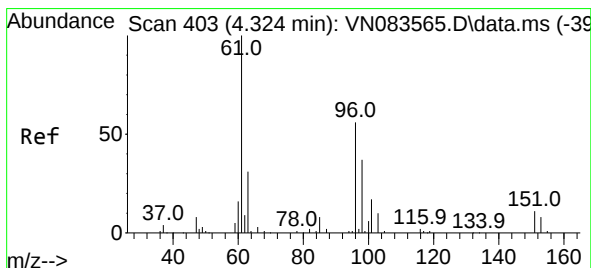
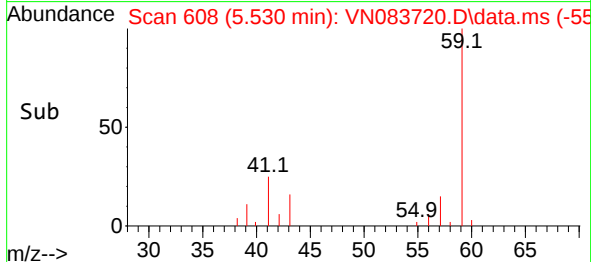
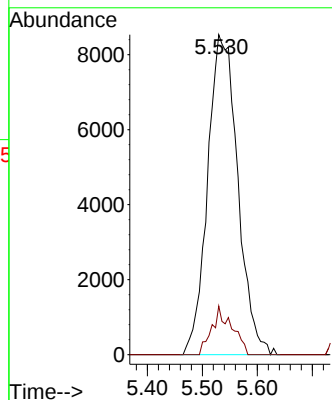
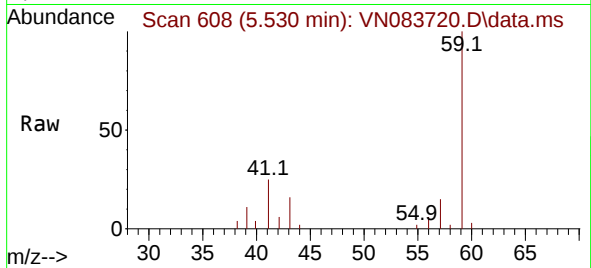




#11
Tert butyl alcohol
Concen: 101.890 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

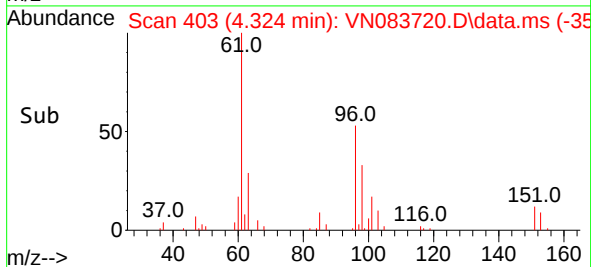
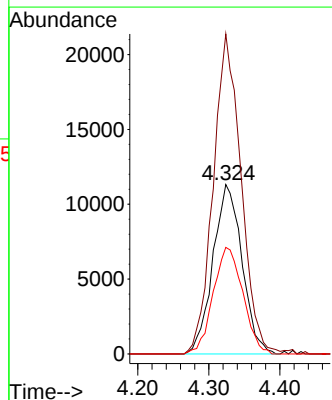
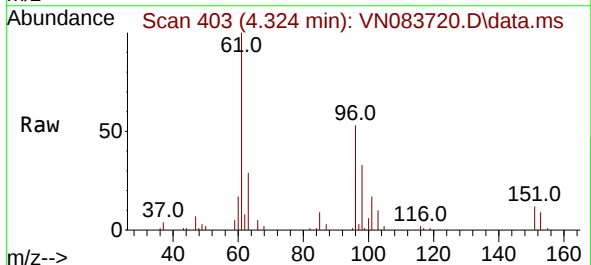
Instrument :
MSVOA_N
ClientSampleId :

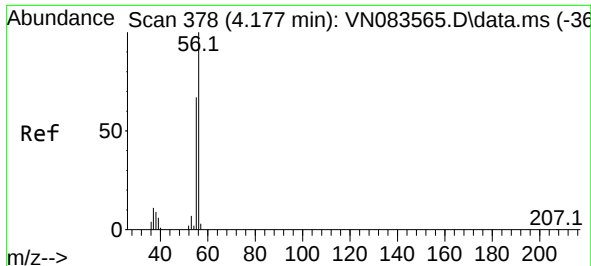
Tgt Ion: 59 Resp: 32461
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.069 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 96 Resp: 32143
Ion Ratio Lower Upper
96 100
61 188.8 143.4 215.0
98 62.9 52.7 79.1





#13

Acrolein

Concen: 82.983 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

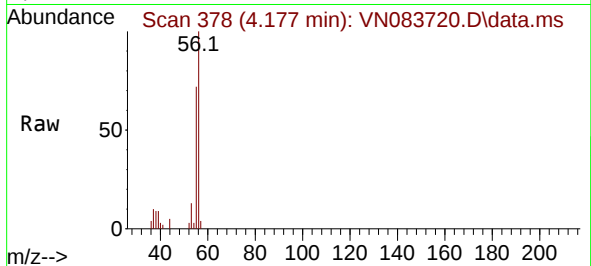
Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

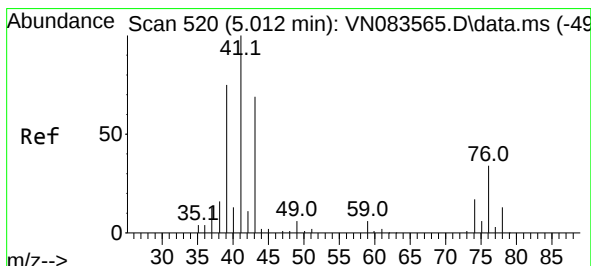
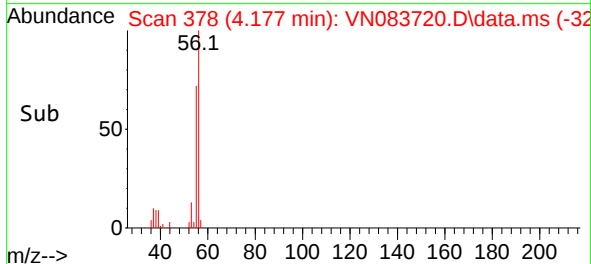
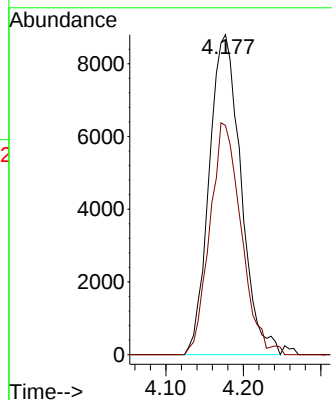


Tgt Ion: 56 Resp: 25012

Ion Ratio Lower Upper

56 100

55 71.7 58.2 87.2



#14

Allyl chloride

Concen: 20.059 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

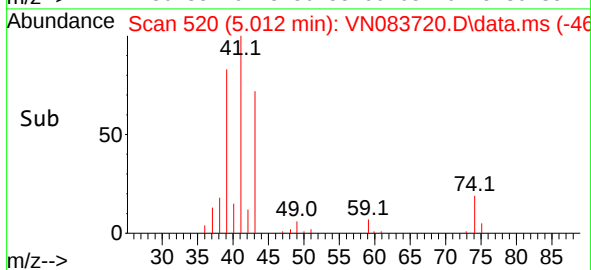
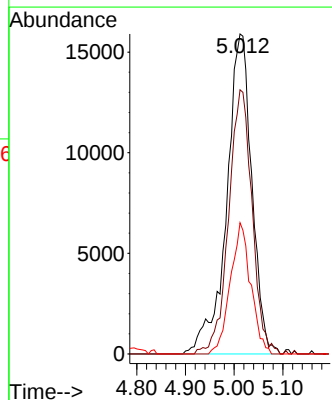
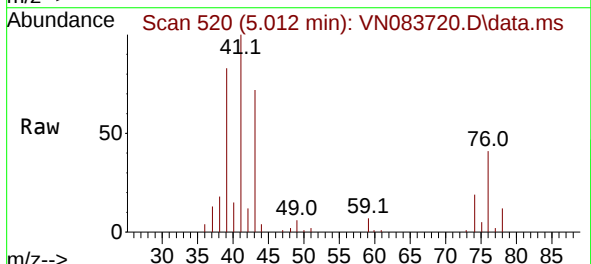
Tgt Ion: 41 Resp: 57282

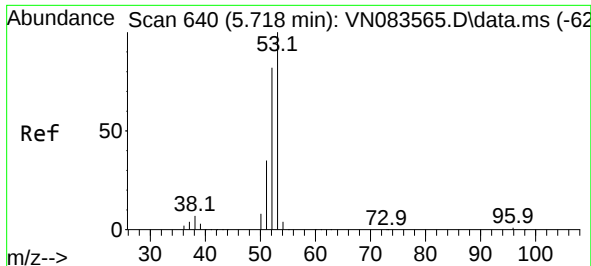
Ion Ratio Lower Upper

41 100

39 76.7 59.3 88.9

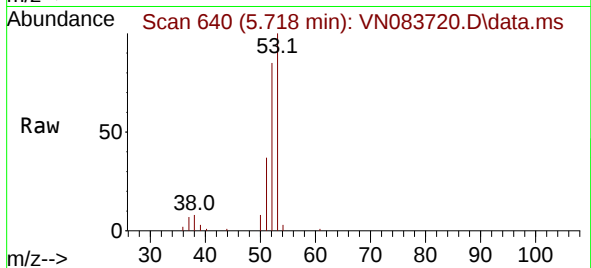
76 33.1 27.7 41.5



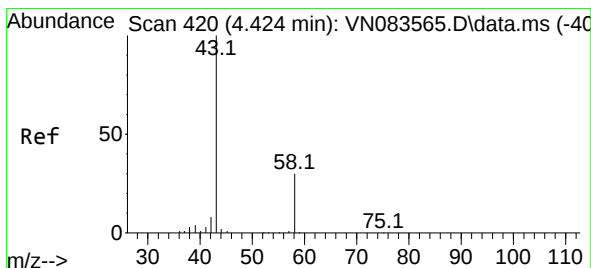
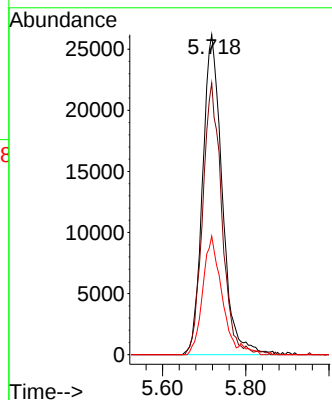
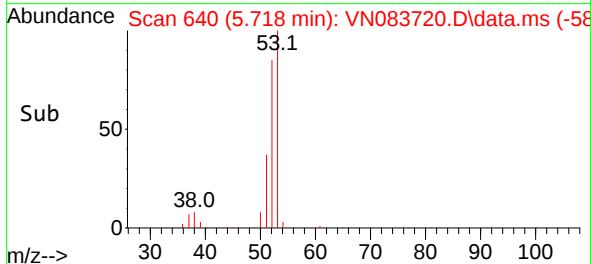


#15
Acrylonitrile
Concen: 109.280 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

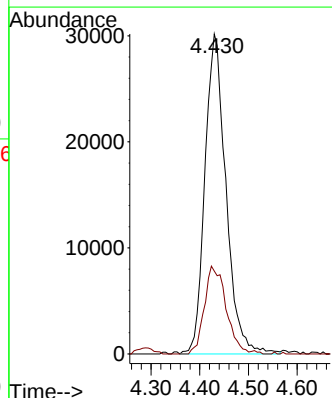
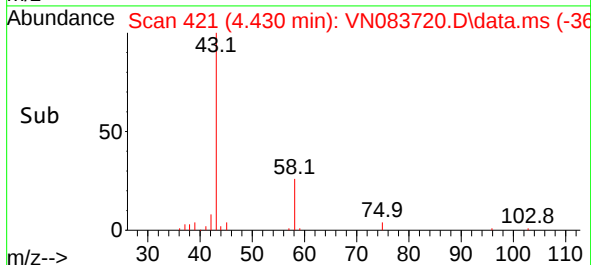
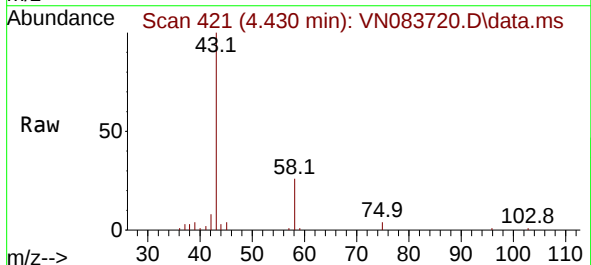


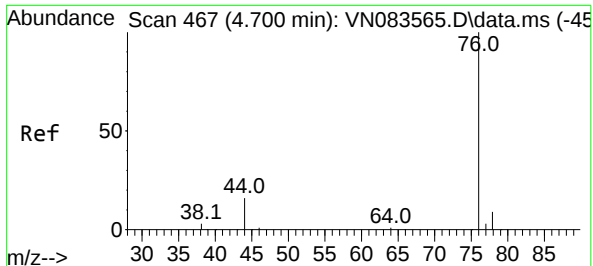
Tgt Ion: 53 Resp: 85860
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 35.0 29.6 44.4



#16
Acetone
Concen: 111.026 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 43 Resp: 90468
Ion Ratio Lower Upper
43 100
58 25.9 23.7 35.5

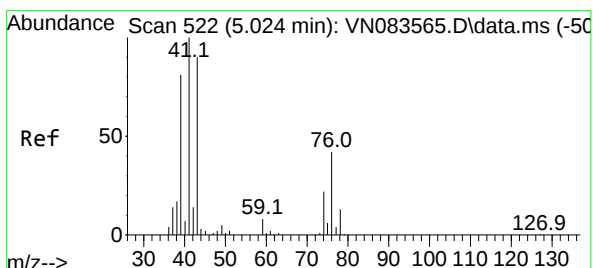
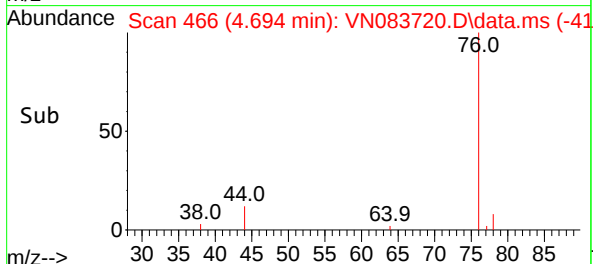
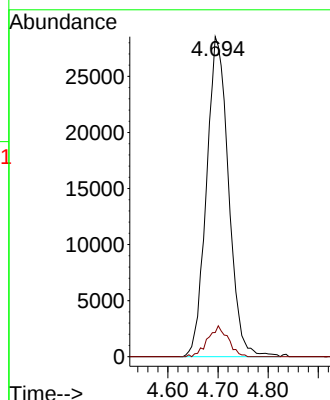
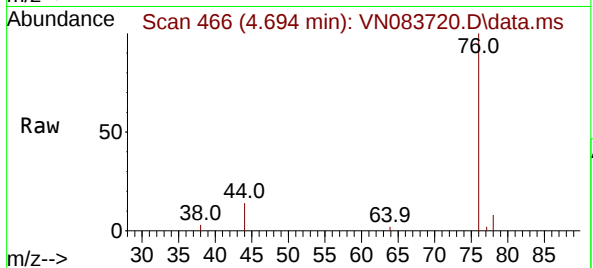




#17
Carbon Disulfide
Concen: 18.687 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

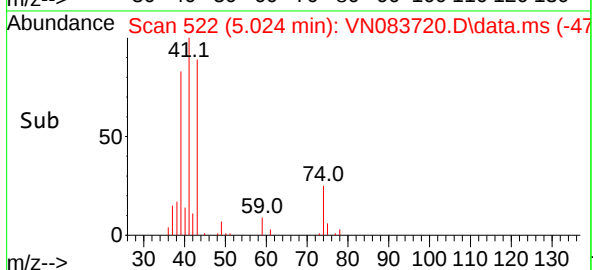
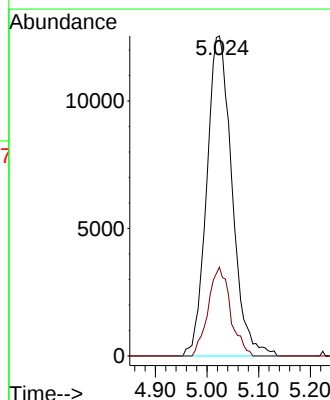
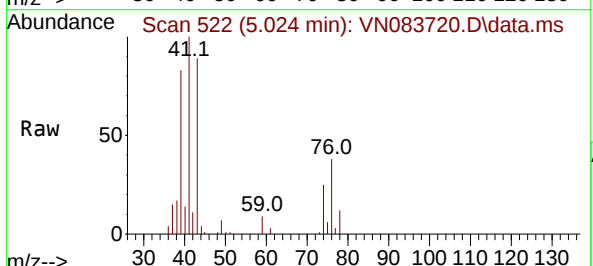
Instrument :
MSVOA_N
ClientSampleId :

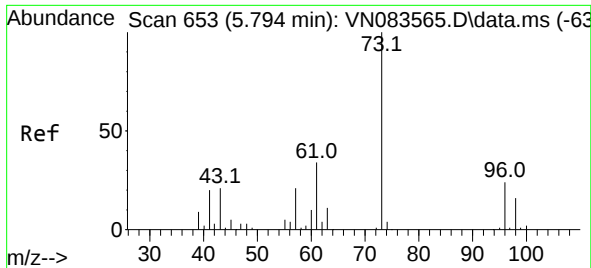
Tgt Ion: 76 Resp: 87222
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#18
Methyl Acetate
Concen: 19.651 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 43 Resp: 42584
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4

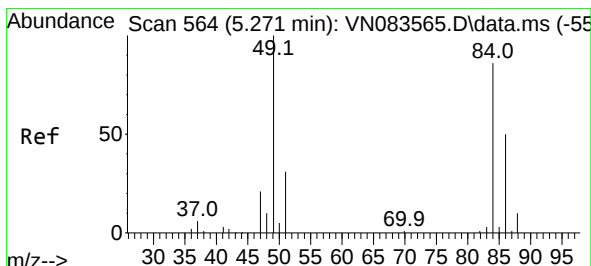
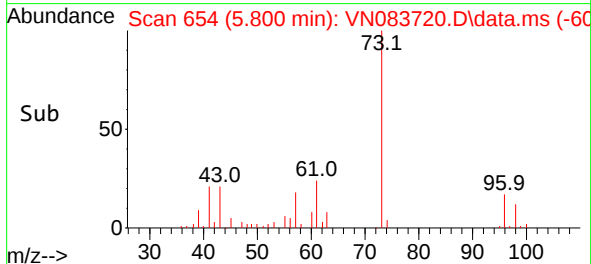
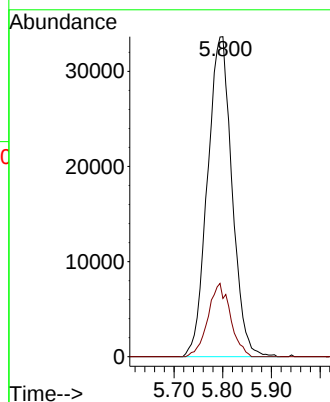
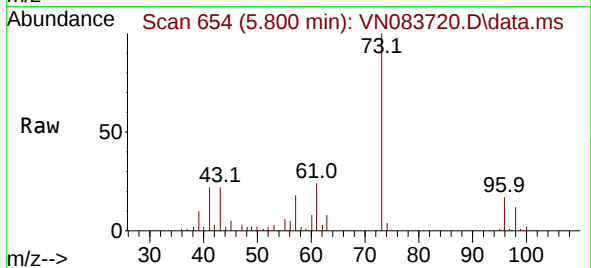




#19
Methyl tert-butyl Ether
Concen: 20.712 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

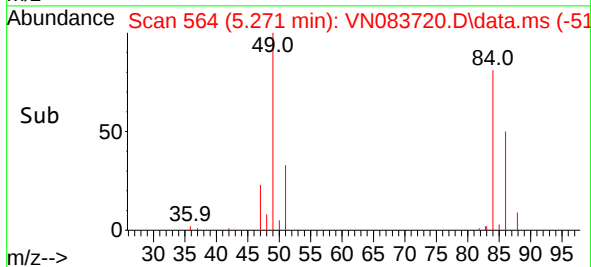
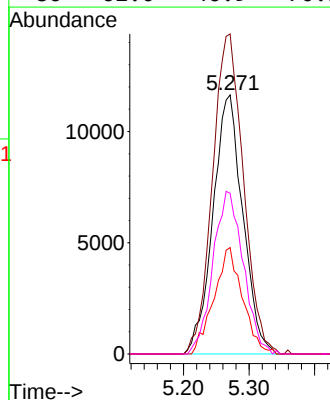
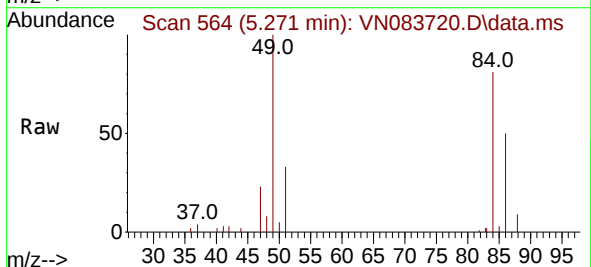
Instrument :
MSVOA_N
ClientSampleId :

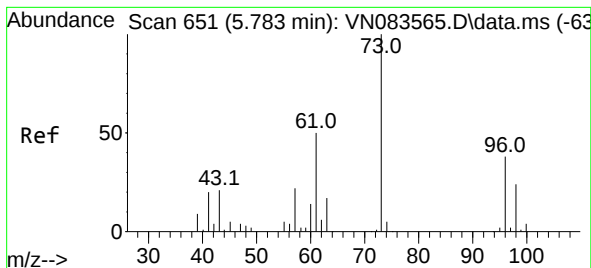
Tgt Ion: 73 Resp: 117673
Ion Ratio Lower Upper
73 100
57 18.2 17.0 25.6



#20
Methylene Chloride
Concen: 20.454 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 84 Resp: 36804
Ion Ratio Lower Upper
84 100
49 123.5 93.4 140.0
51 41.1 29.2 43.8
86 62.0 46.9 70.3





#21

trans-1,2-Dichloroethene

Concen: 20.010 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

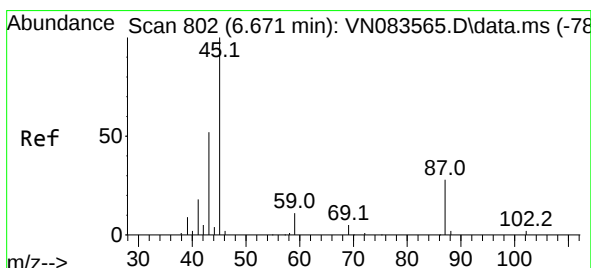
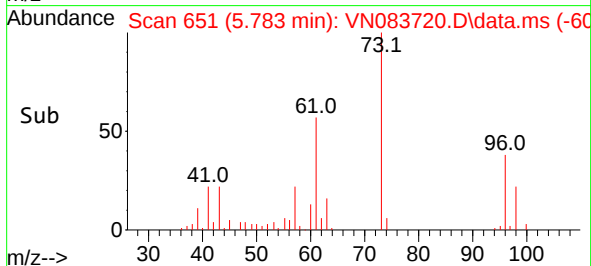
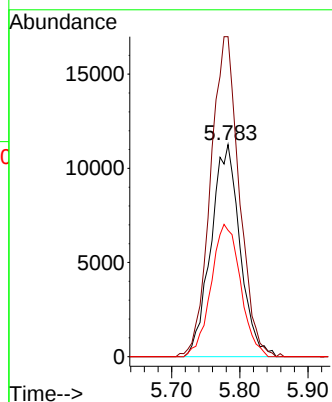
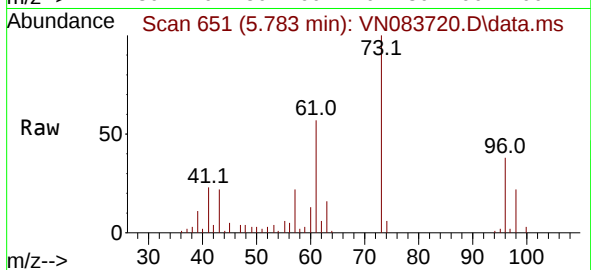
Tgt Ion: 96 Resp: 33384

Ion Ratio Lower Upper

96 100

61 149.4 106.0 159.0

98 59.6 52.2 78.2



#22

Diisopropyl ether

Concen: 21.081 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Tgt Ion: 45 Resp: 118706

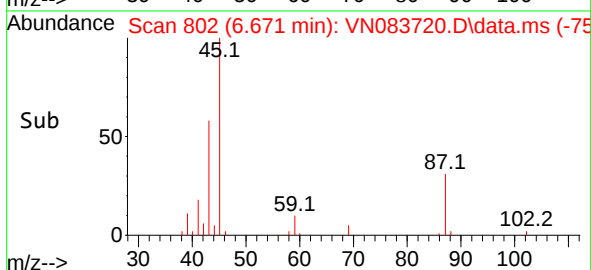
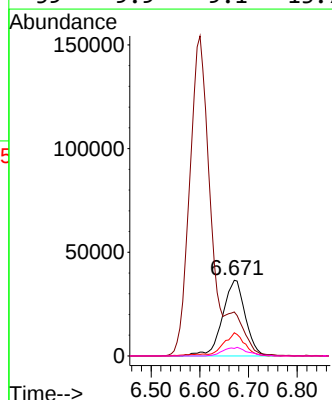
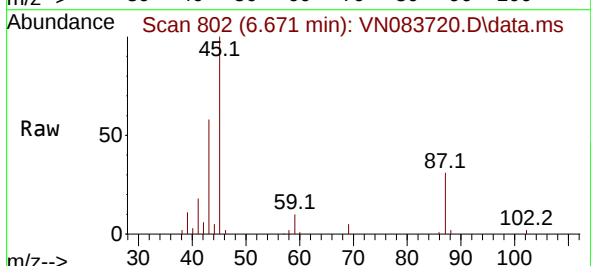
Ion Ratio Lower Upper

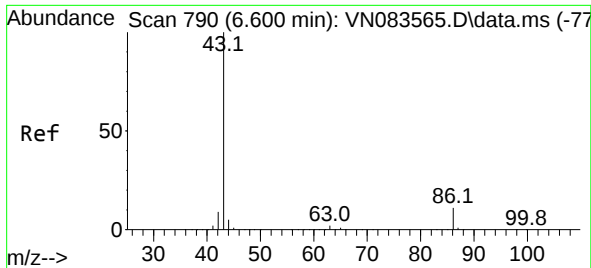
45 100

43 57.3 43.4 65.0

87 30.8 22.6 33.8

59 9.9 9.1 13.7

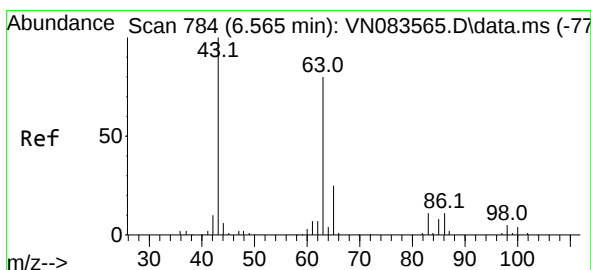
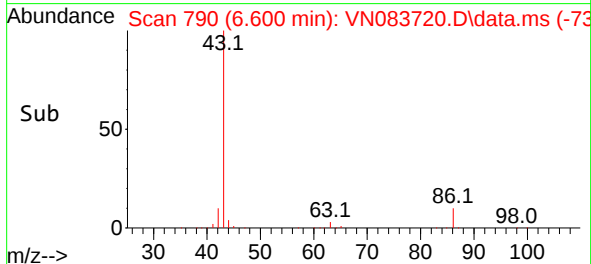
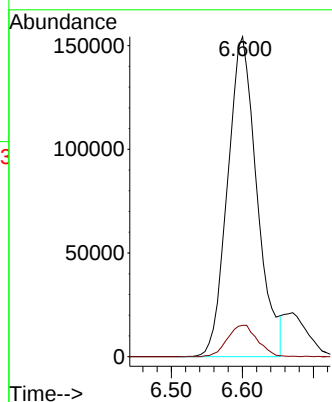
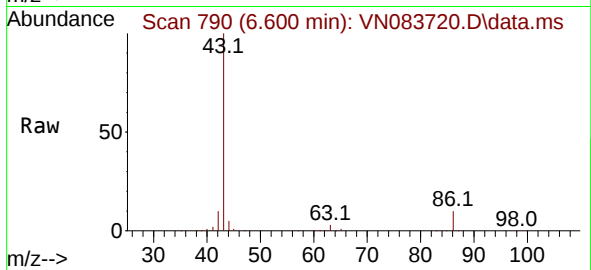




#23
 Vinyl Acetate
 Concen: 106.130 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

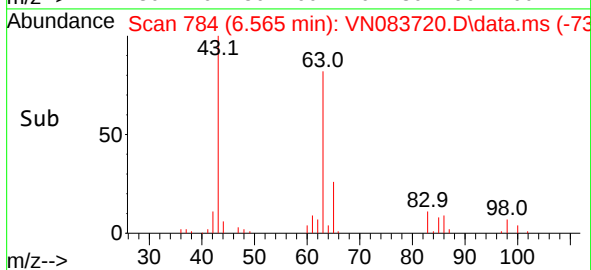
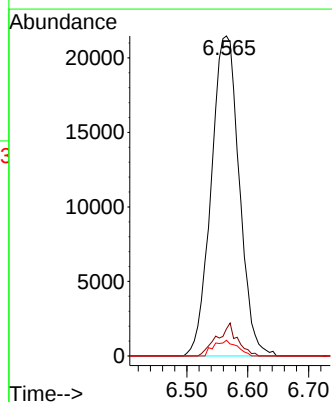
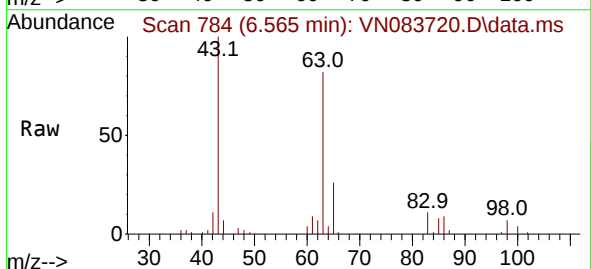
Instrument :
 MSVOA_N
 ClientSampleId :

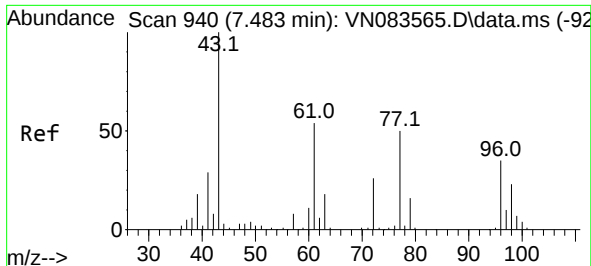
Tgt Ion: 43 Resp: 442873
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 21.383 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

Tgt Ion: 63 Resp: 68663
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 4.9 2.5 7.5

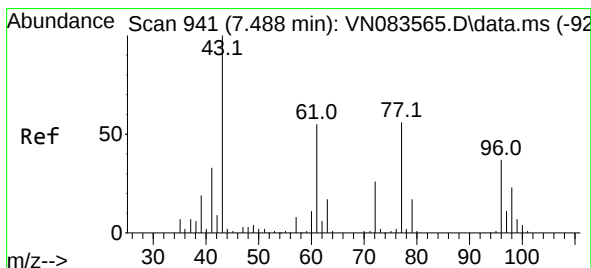
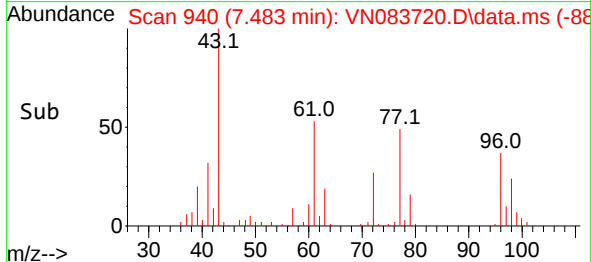
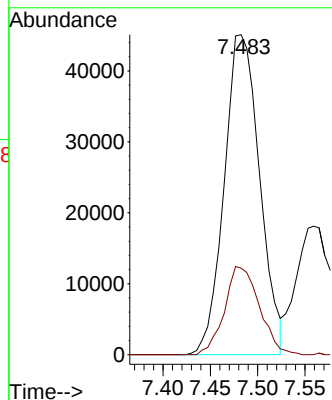
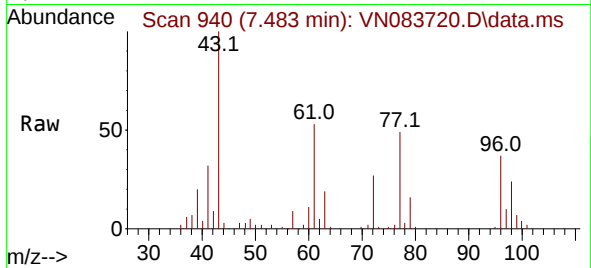




#25
2-Butanone
Concen: 105.916 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

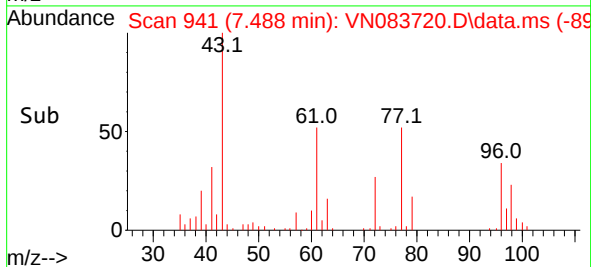
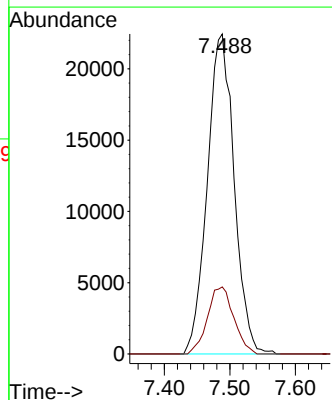
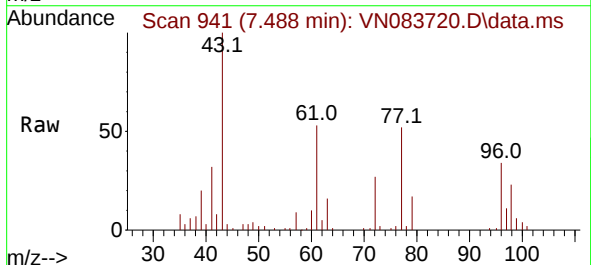
Instrument :
MSVOA_N
ClientSampleId :

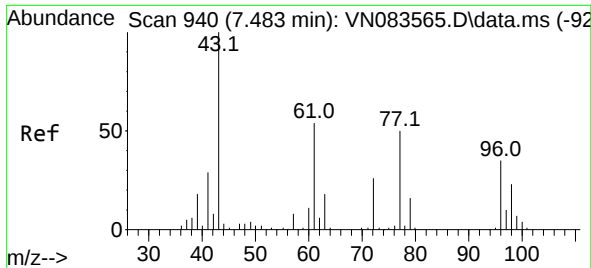
Tgt Ion: 43 Resp: 117506
Ion Ratio Lower Upper
43 100
72 27.1 20.8 31.2



#26
2,2-Dichloropropane
Concen: 21.346 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 77 Resp: 63817
Ion Ratio Lower Upper
77 100
97 20.5 10.2 30.4

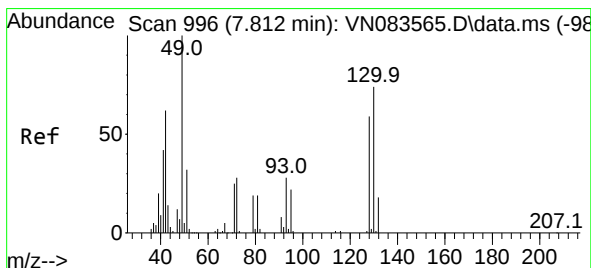
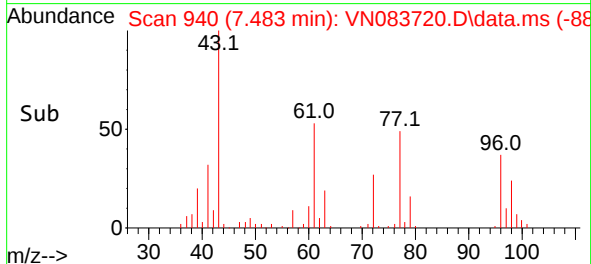
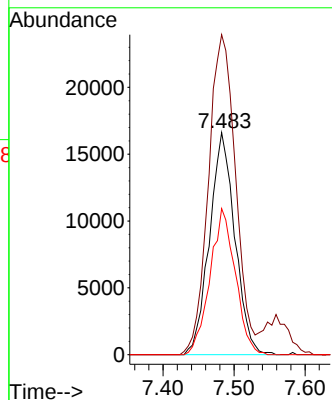
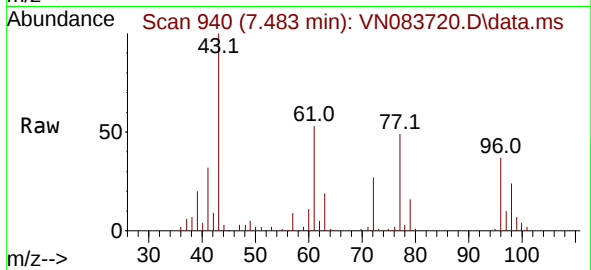




#27
 cis-1,2-Dichloroethene
 Concen: 20.702 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

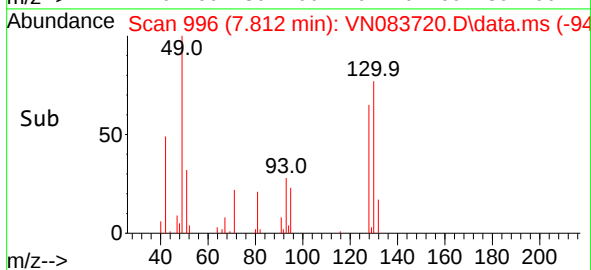
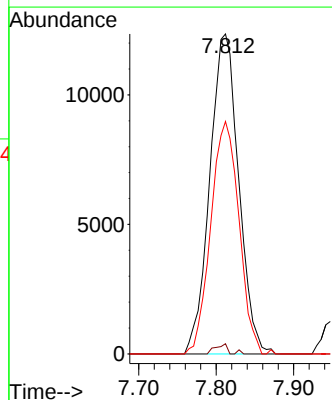
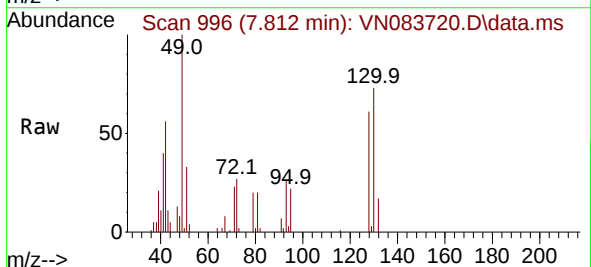
Instrument :
 MSVOA_N
 ClientSampleId :

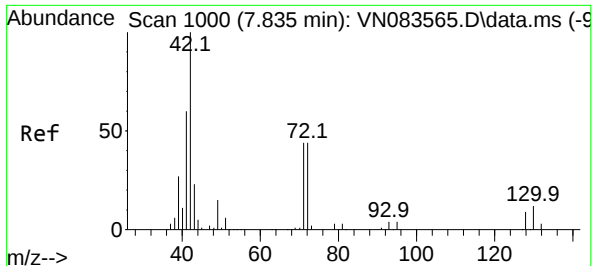
Tgt Ion: 96 Resp: 41214
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 306.2
 98 65.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.391 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

Tgt Ion: 49 Resp: 32076
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 70.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 107.105 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083720.D

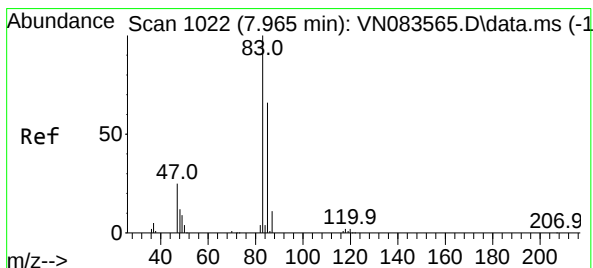
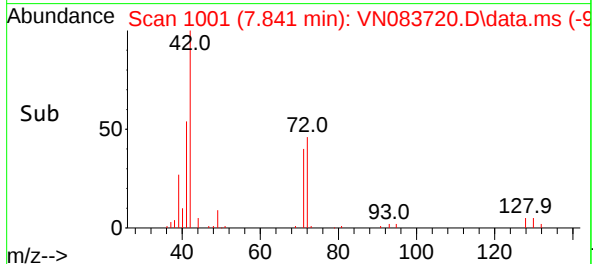
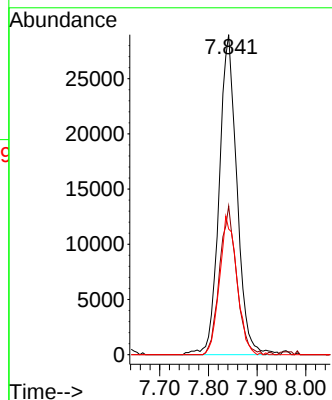
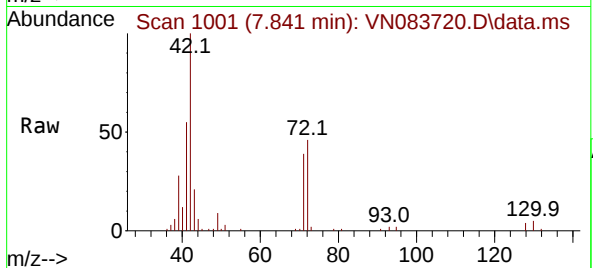
Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	73704
Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.9	53.9
71	42.1	33.9	50.9



#30

Chloroform

Concen: 20.861 ug/l

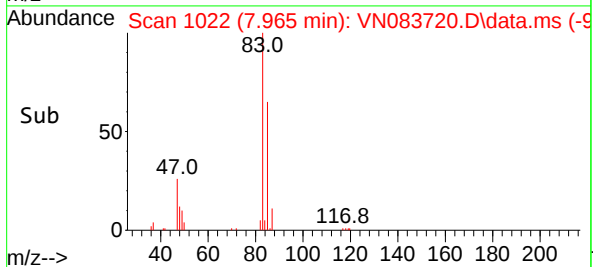
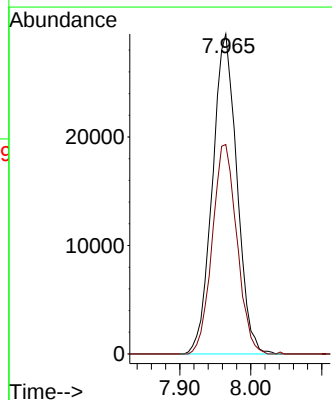
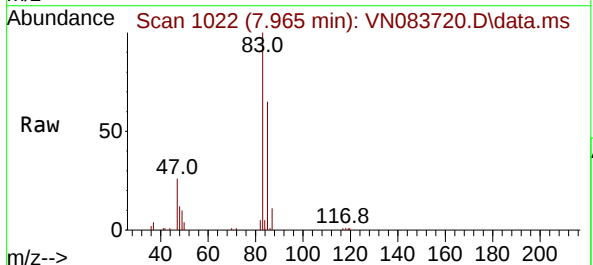
RT: 7.965 min Scan# 1022

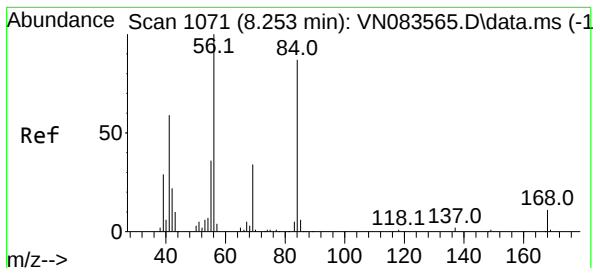
Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Tgt Ion:	83	Resp:	70576
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.8	79.2





#31

Cyclohexane

Concen: 20.136 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

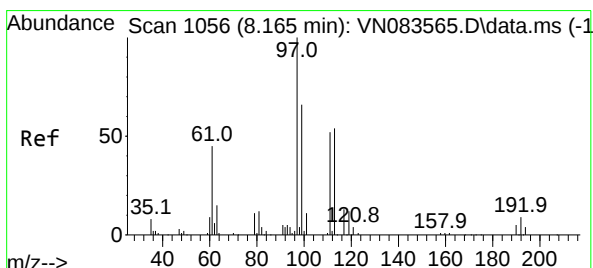
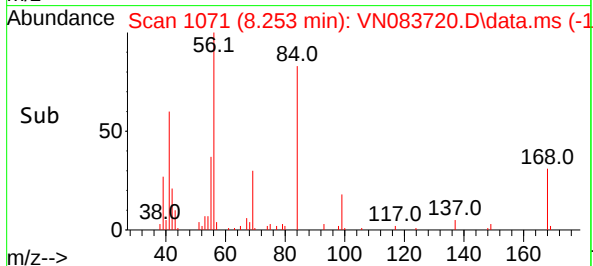
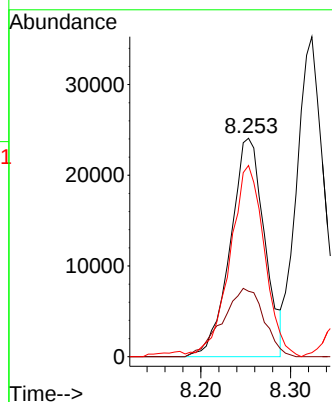
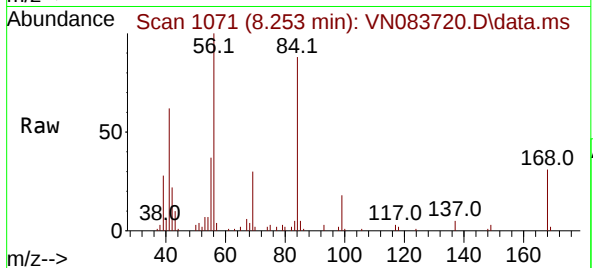
Tgt Ion: 56 Resp: 63646

Ion Ratio Lower Upper

56 100

69 30.0 26.9 40.3

84 85.1 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 21.323 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

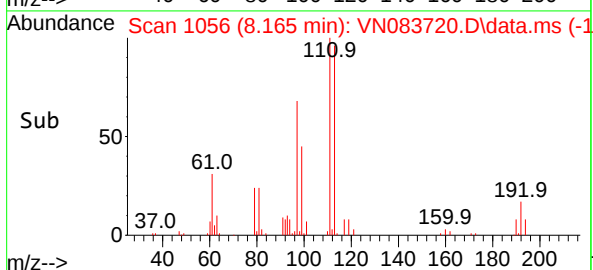
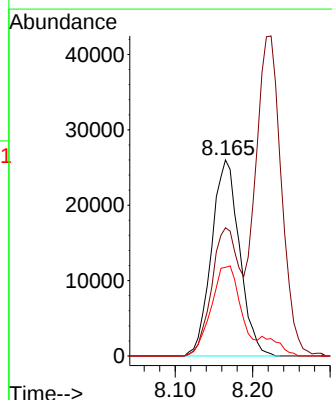
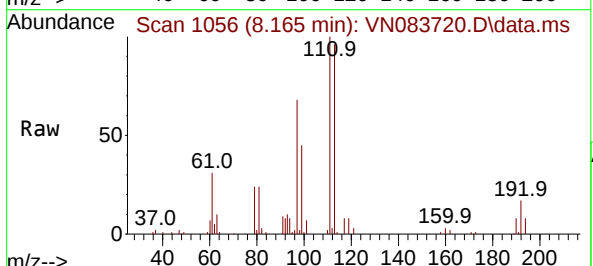
Tgt Ion: 97 Resp: 65231

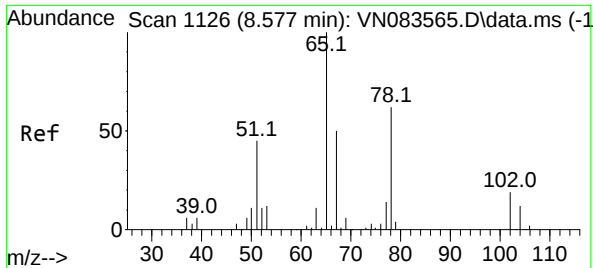
Ion Ratio Lower Upper

97 100

99 65.3 52.3 78.5

61 49.0 38.2 57.2

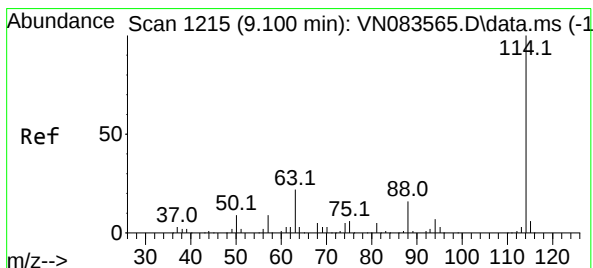
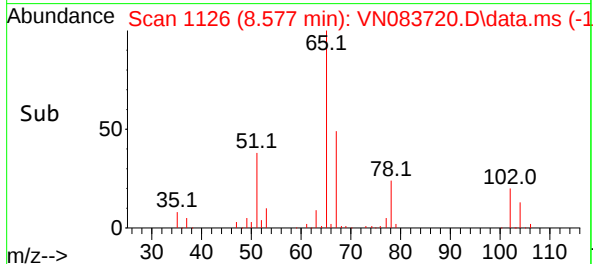
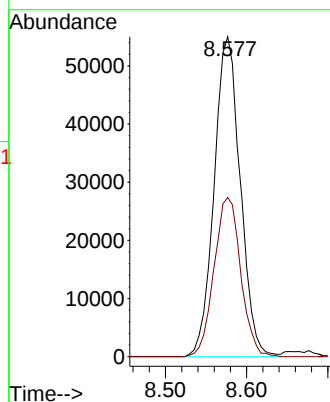
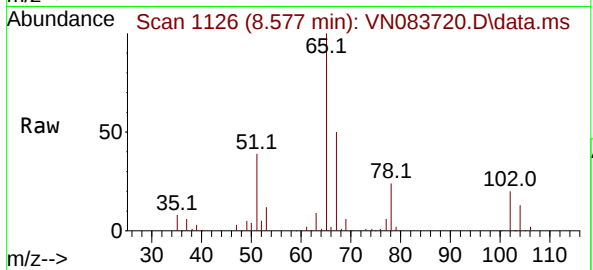




#33
1,2-Dichloroethane-d4
Concen: 60.182 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

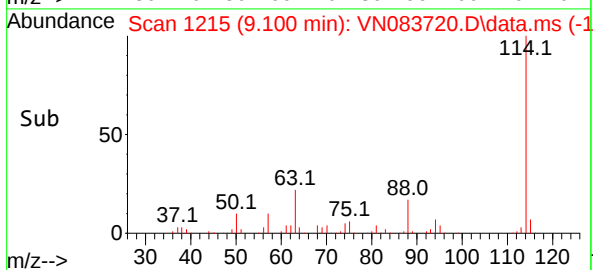
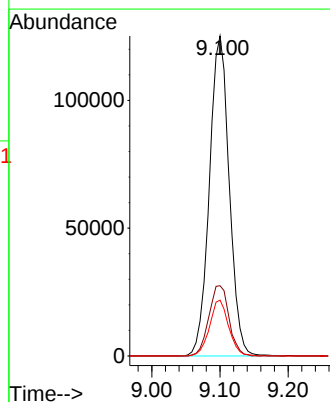
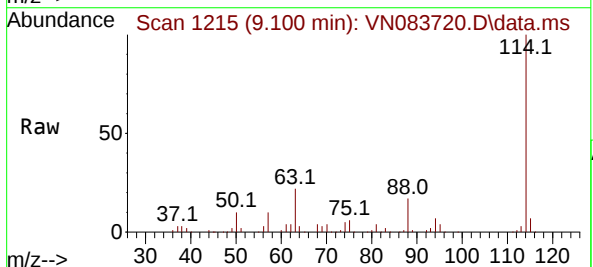
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 122971
Ion Ratio Lower Upper
65 100
67 50.7 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: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 114 Resp: 253561
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 17.5 0.0 32.6

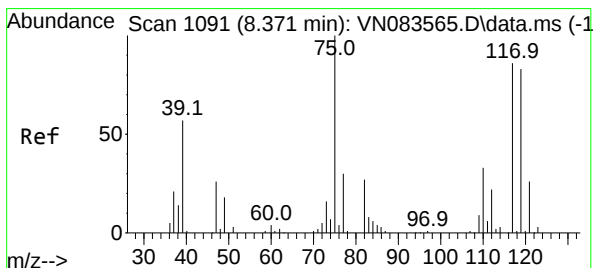
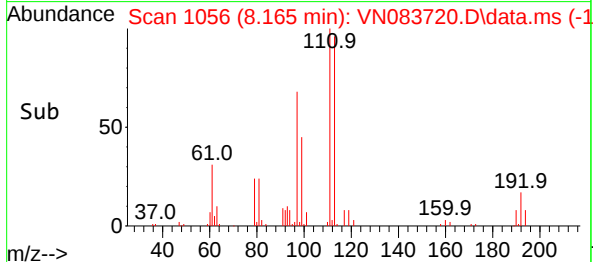
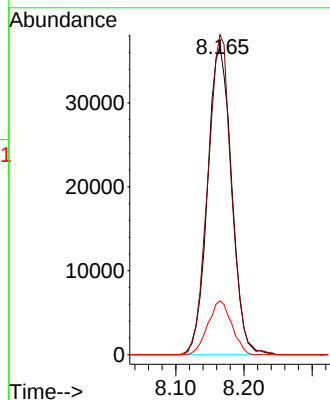
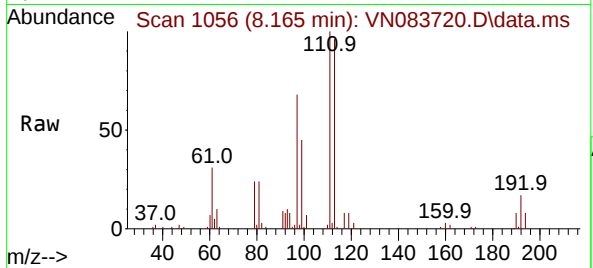




#35
Dibromofluoromethane
Concen: 59.072 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

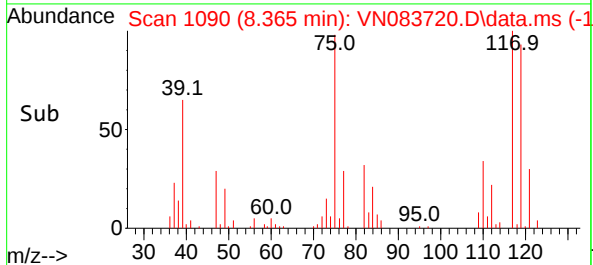
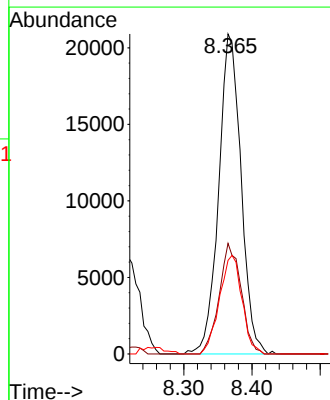
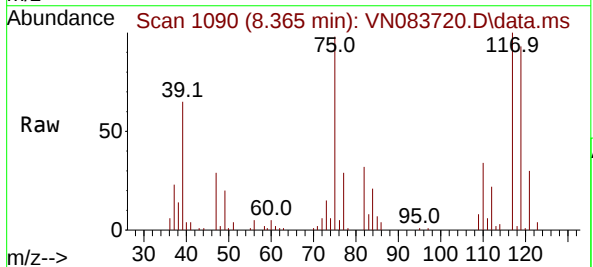
Instrument :
MSVOA_N
ClientSampleId :

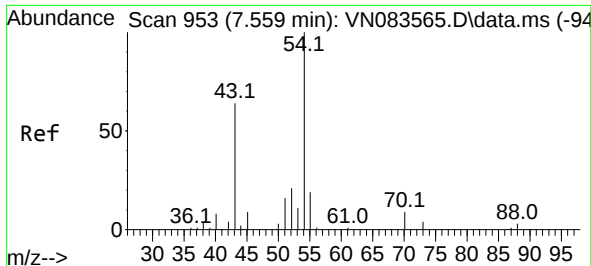
Tgt Ion:113 Resp: 90151
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 20.507 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

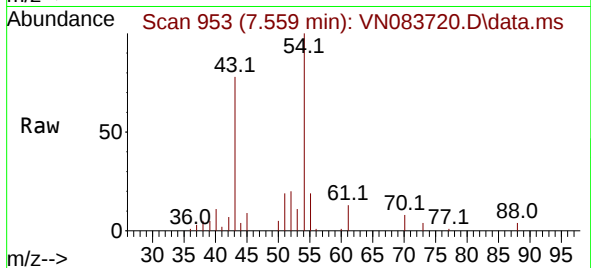
Tgt Ion: 75 Resp: 47737
Ion Ratio Lower Upper
75 100
110 33.9 16.7 50.1
77 31.0 25.2 37.8



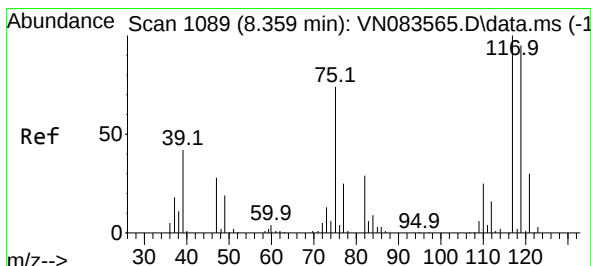
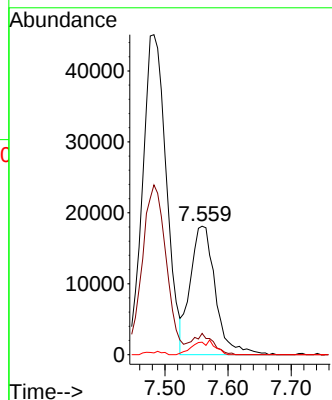
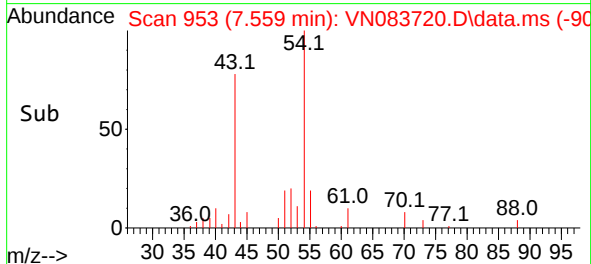


#37
Ethyl Acetate
Concen: 21.634 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

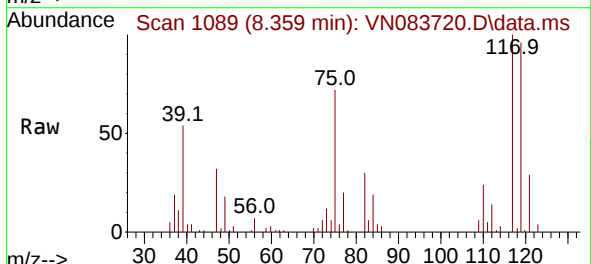
Instrument :
MSVOA_N
ClientSampleId :



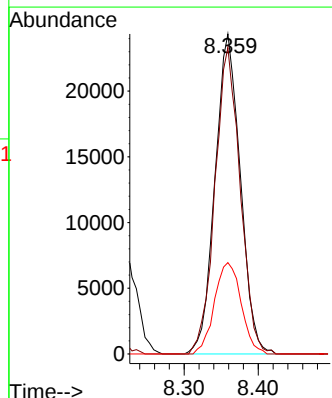
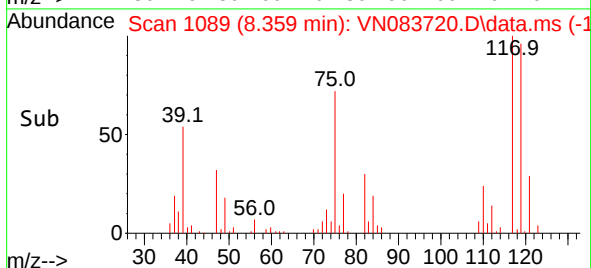
Tgt Ion: 43 Resp: 50120
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 9.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.705 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26



Tgt Ion: 117 Resp: 57646
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1
121 28.6 24.1 36.1





#39

Methylcyclohexane

Concen: 20.699 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

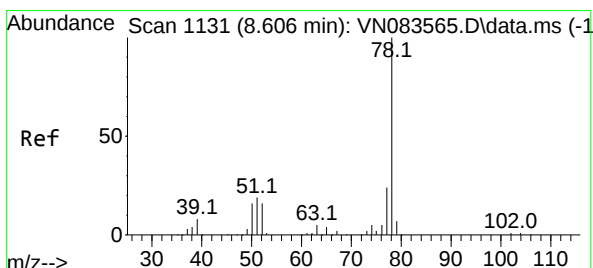
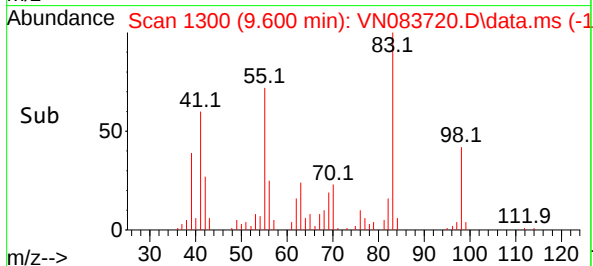
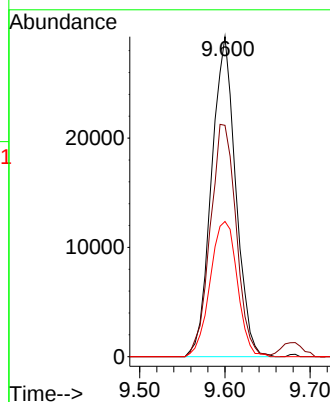
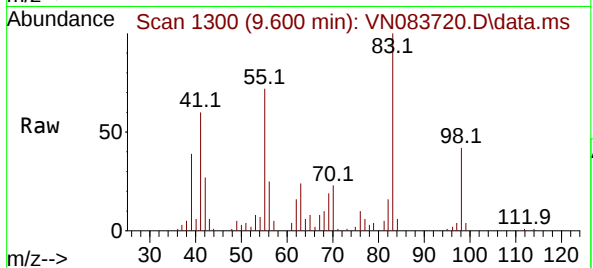
Tgt Ion: 83 Resp: 57820

Ion Ratio Lower Upper

83 100

55 72.3 62.2 93.4

98 42.2 37.6 56.4



#40

Benzene

Concen: 20.783 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083720.D

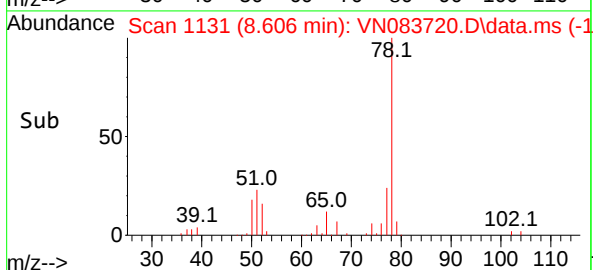
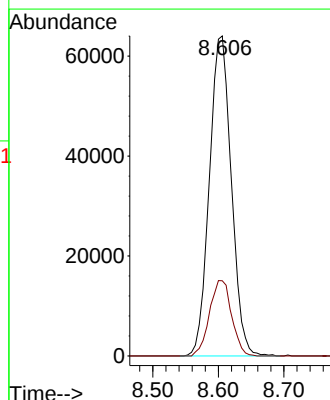
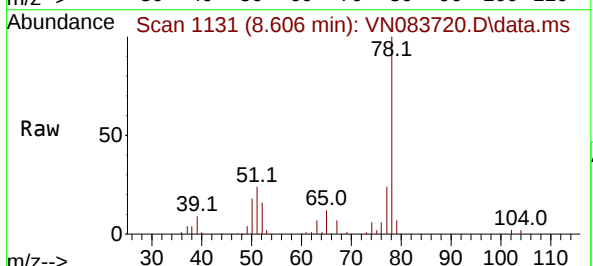
Acq: 09 Sep 2024 16:26

Tgt Ion: 78 Resp: 148821

Ion Ratio Lower Upper

78 100

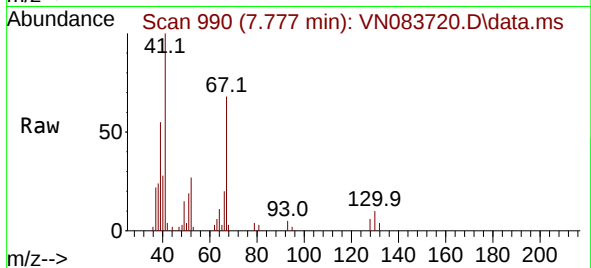
77 23.5 19.0 28.6



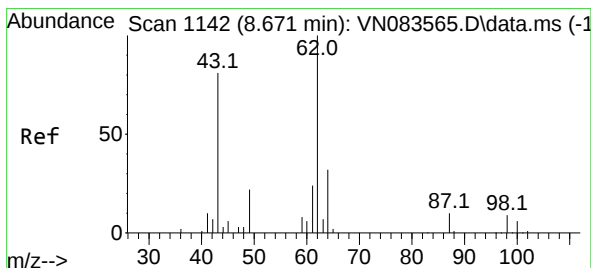
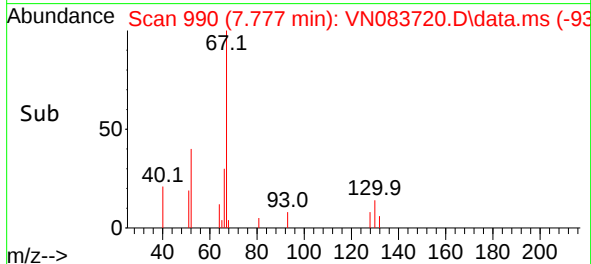
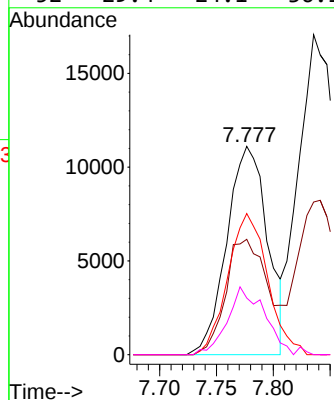


#41
Methacrylonitrile
Concen: 20.976 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

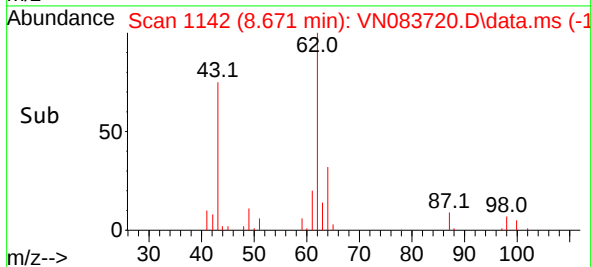
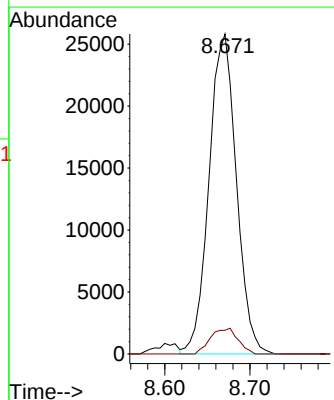
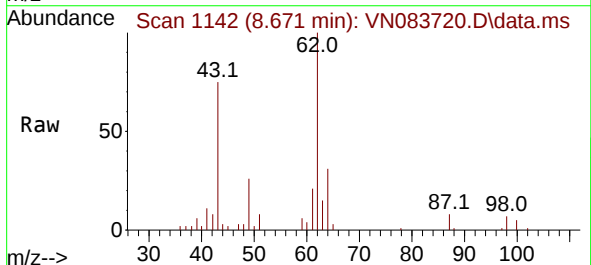


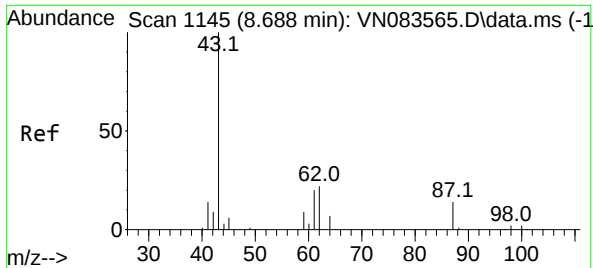
Tgt Ion:	41	Resp:	27731
Ion Ratio	Lower	Upper	
41	100		
39	60.4	45.4	68.2
67	66.1	55.9	83.9
52	29.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 21.711 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:	62	Resp:	57631
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	16.6

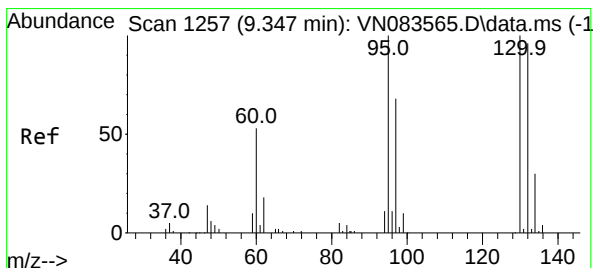
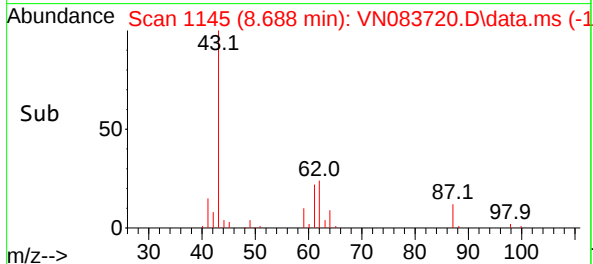
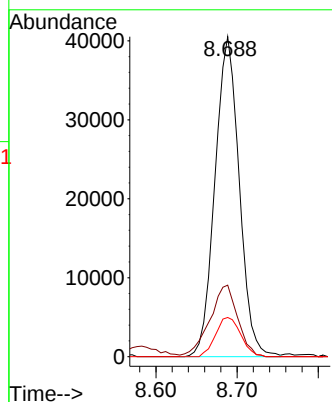
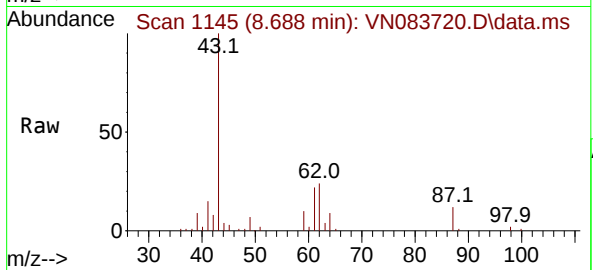




#43
Isopropyl Acetate
Concen: 17.352 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

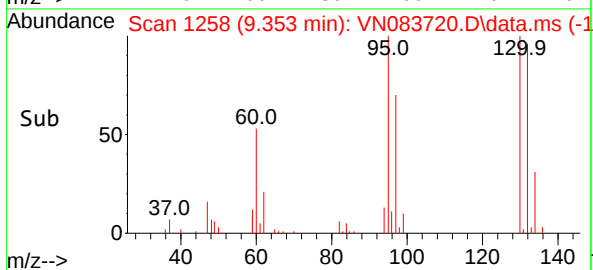
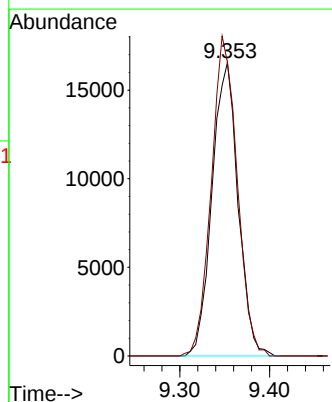
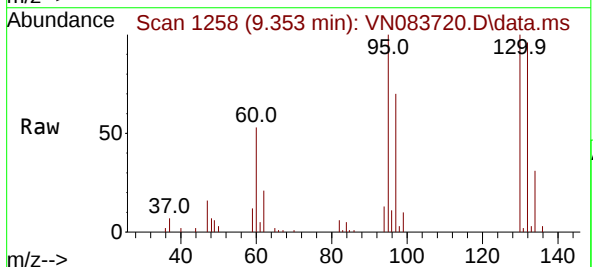
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 84252
Ion Ratio Lower Upper
43 100
61 25.7 19.4 29.0
87 12.7 9.8 14.6



#44
Trichloroethene
Concen: 19.354 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:130 Resp: 33339
Ion Ratio Lower Upper
130 100
95 100.0 0.0 200.4





#45

1,2-Dichloropropane

Concen: 21.813 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

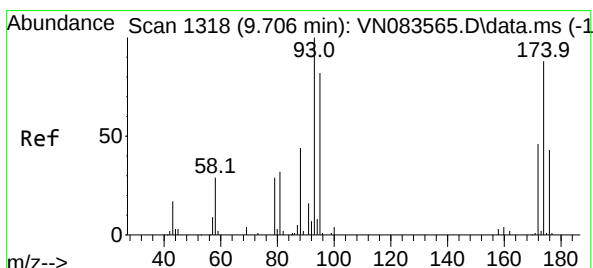
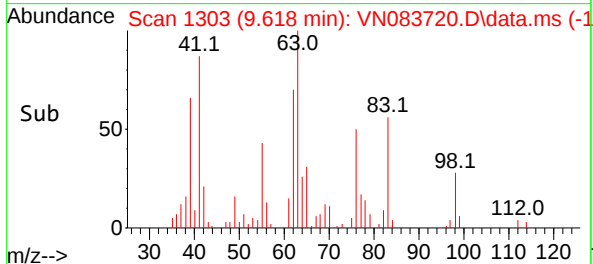
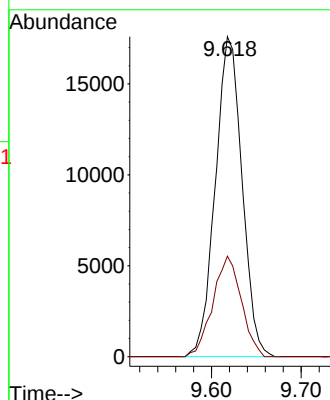
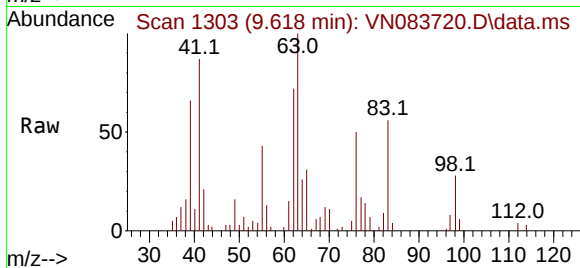
ClientSampleId :

Tgt Ion: 63 Resp: 36387

Ion Ratio Lower Upper

63 100

65 31.4 25.9 38.9



#46

Dibromomethane

Concen: 21.676 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

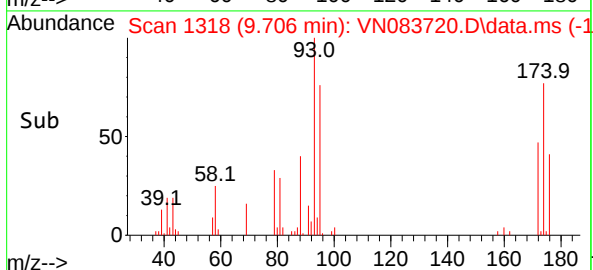
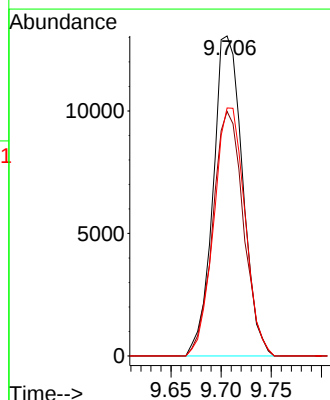
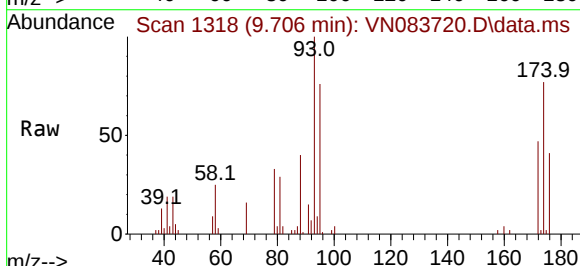
Tgt Ion: 93 Resp: 26676

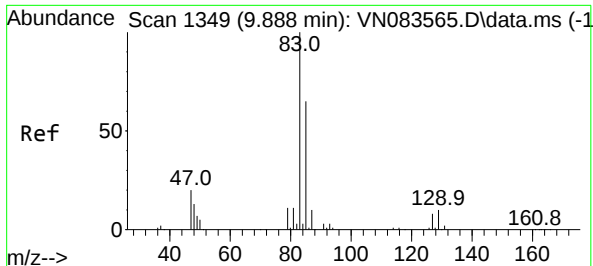
Ion Ratio Lower Upper

93 100

95 79.5 65.3 97.9

174 81.6 71.0 106.4

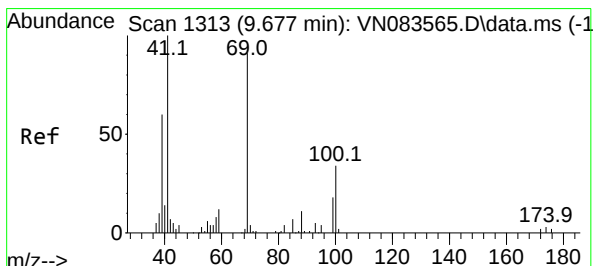
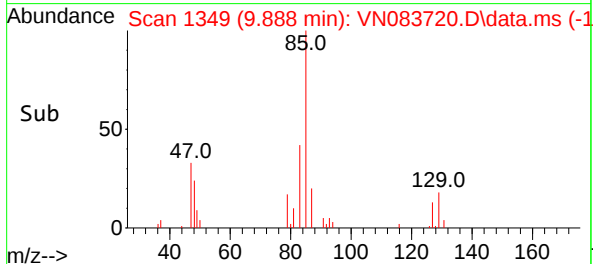
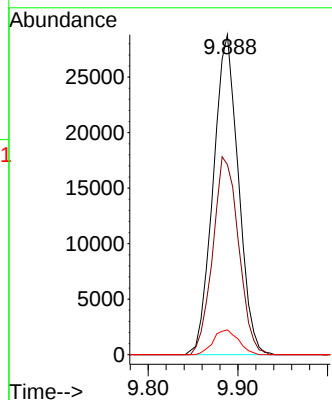
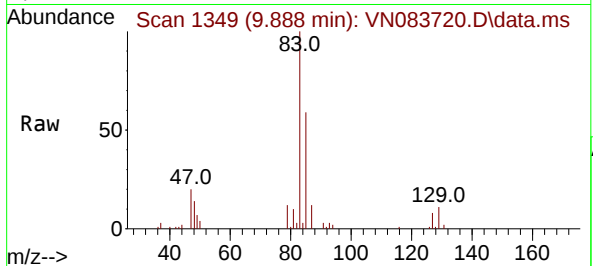




#47
Bromodichloromethane
Concen: 21.383 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

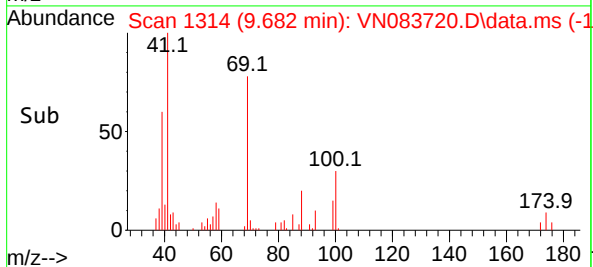
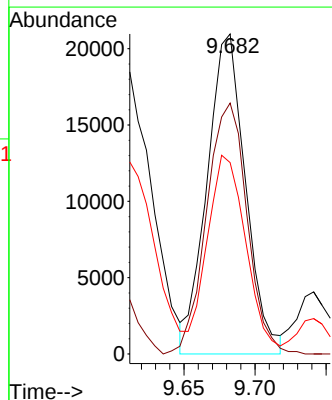
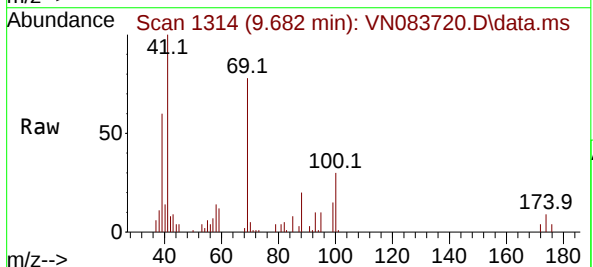
Instrument :
MSVOA_N
ClientSampleId :

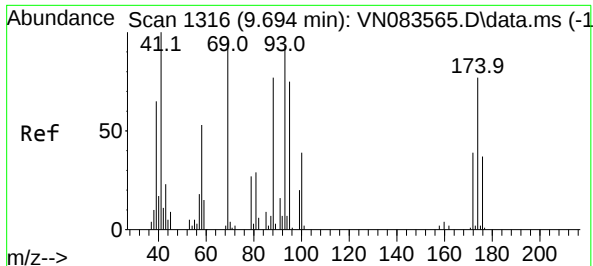
Tgt Ion: 83 Resp: 56018
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.8
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 20.778 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 41 Resp: 39481
Ion Ratio Lower Upper
41 100
69 82.7 64.3 96.5
39 62.2 48.9 73.3





#49

1,4-Dioxane

Concen: 446.140 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

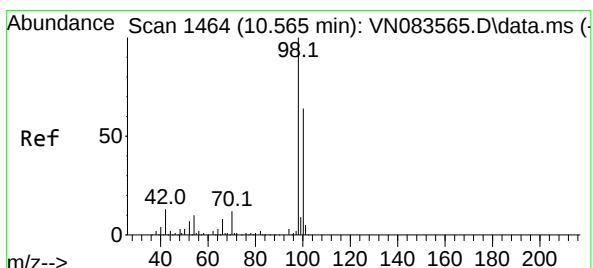
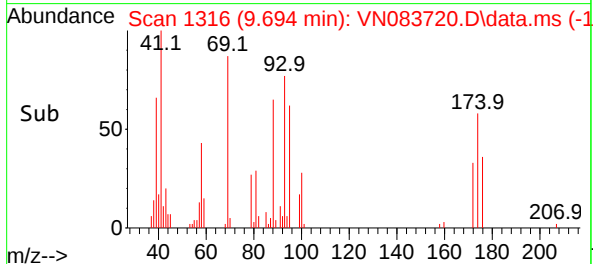
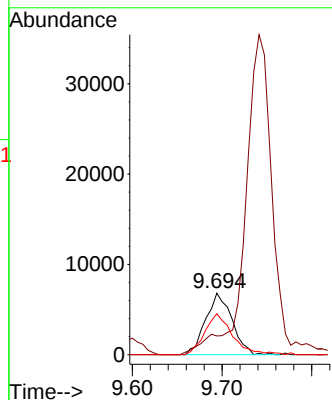
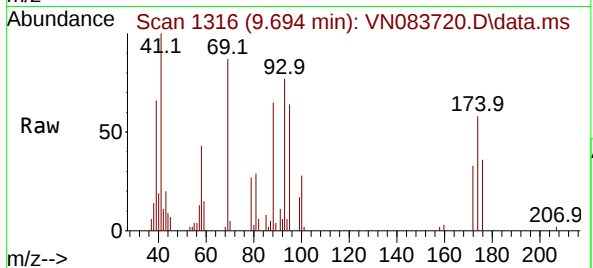
Tgt Ion: 88 Resp: 13891

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.2 57.1 85.7



#50

Toluene-d8

Concen: 53.946 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083720.D

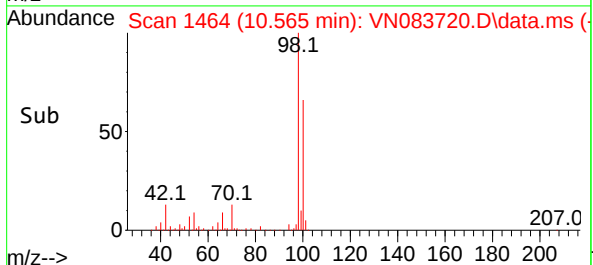
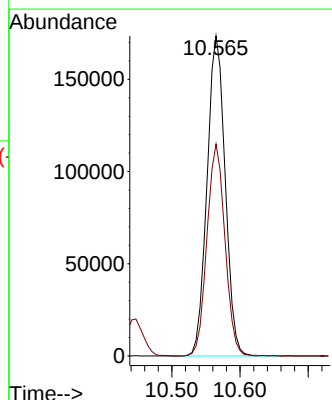
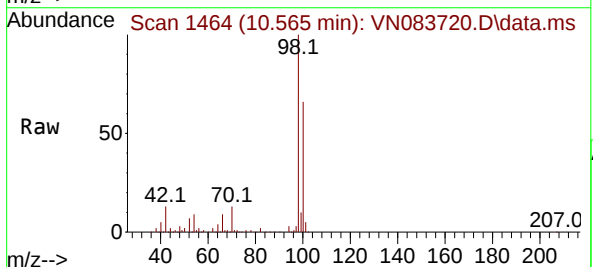
Acq: 09 Sep 2024 16:26

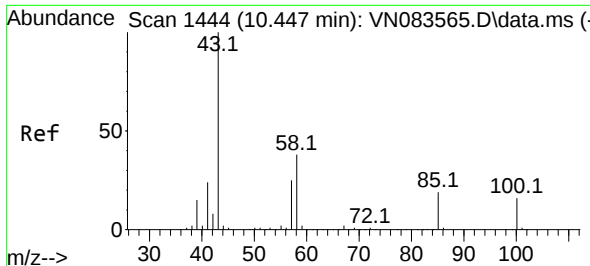
Tgt Ion: 98 Resp: 321512

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

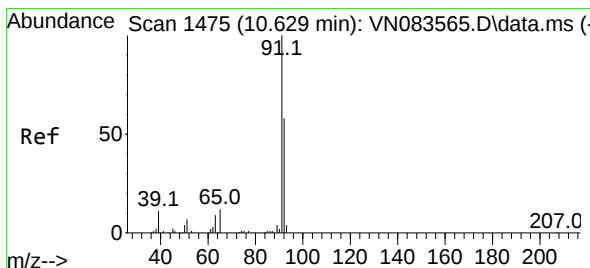
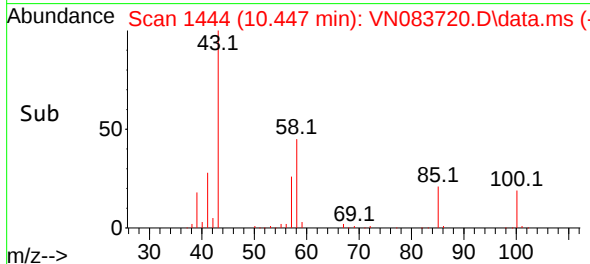
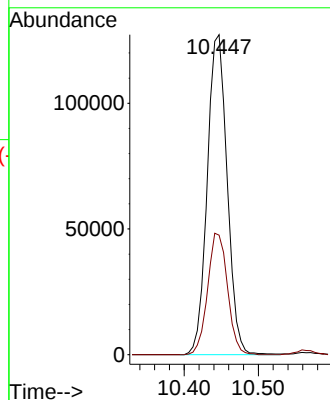
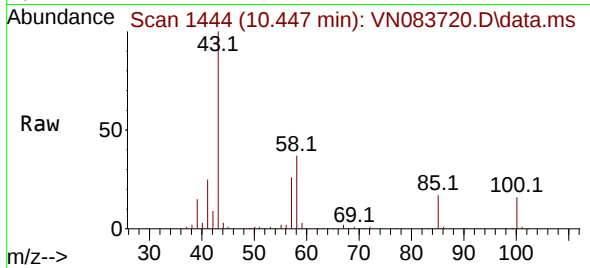




#51
4-Methyl-2-Pentanone
Concen: 110.245 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

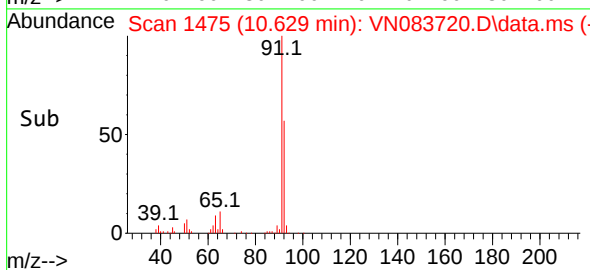
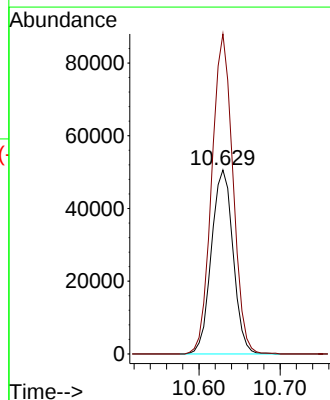
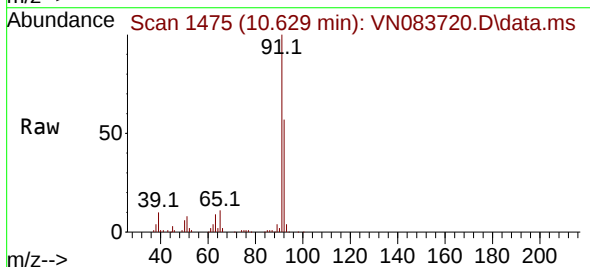
Instrument :
MSVOA_N
ClientSampleId :

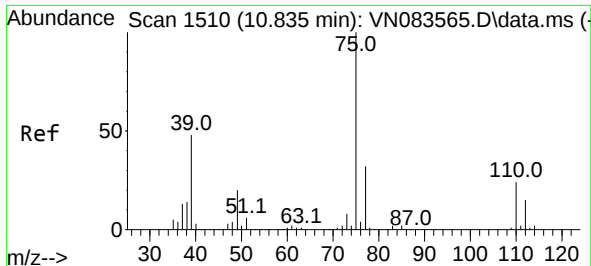
Tgt Ion: 43 Resp: 237448
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4



#52
Toluene
Concen: 20.944 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 92 Resp: 93800
Ion Ratio Lower Upper
92 100
91 169.9 134.7 202.1

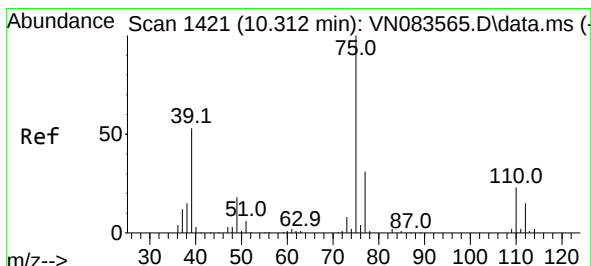
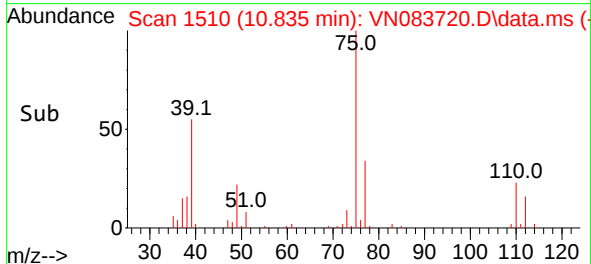
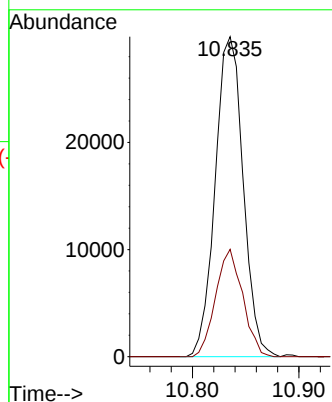
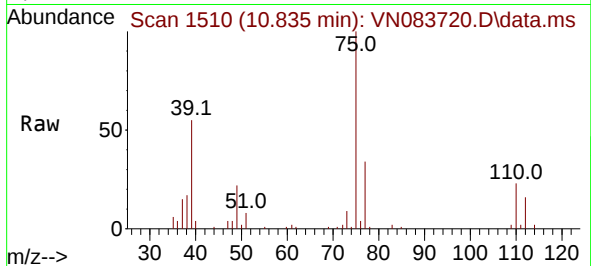




#53
 t-1,3-Dichloropropene
 Concen: 20.079 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

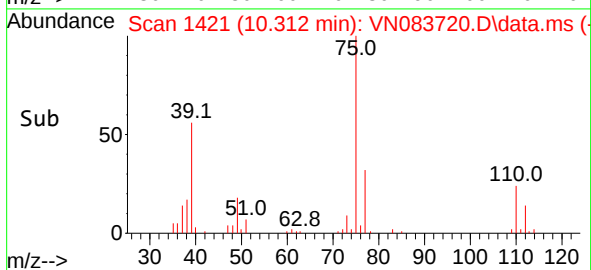
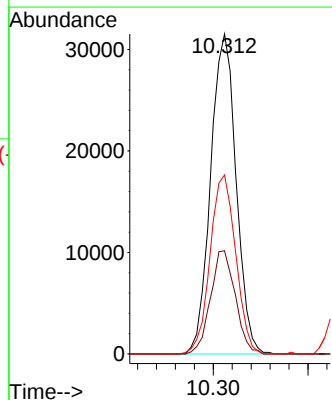
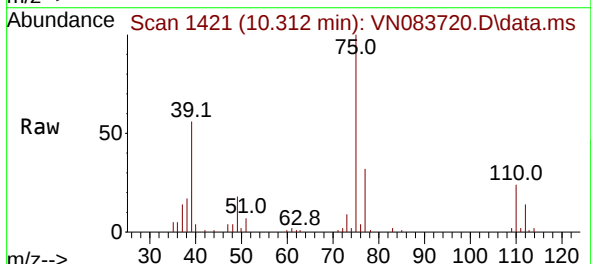
Instrument :
 MSVOA_N
 ClientSampleId :

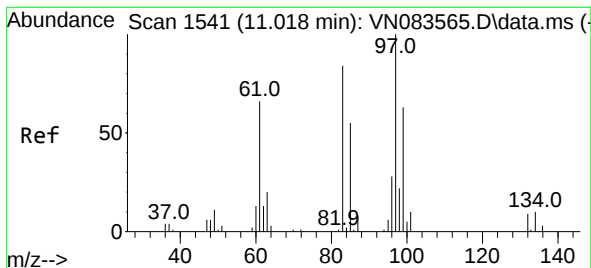
Tgt Ion: 75 Resp: 54454
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.677 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083720.D
 Acq: 09 Sep 2024 16:26

Tgt Ion: 75 Resp: 58858
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.6
 39 56.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 21.211 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 33906

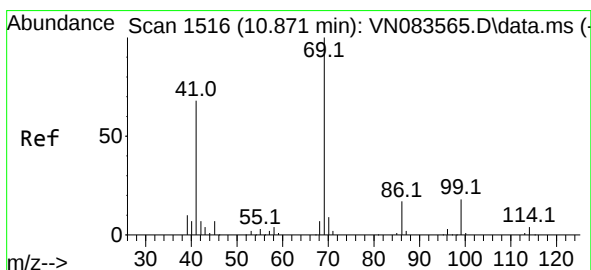
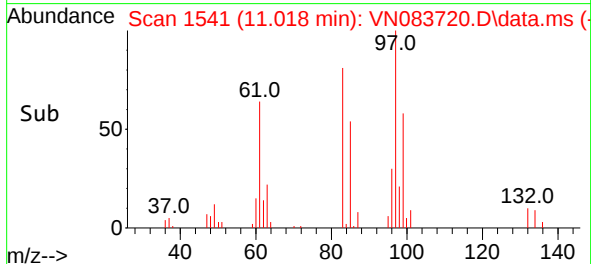
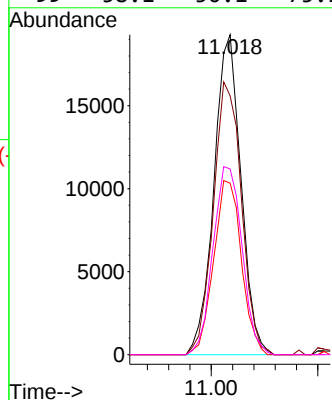
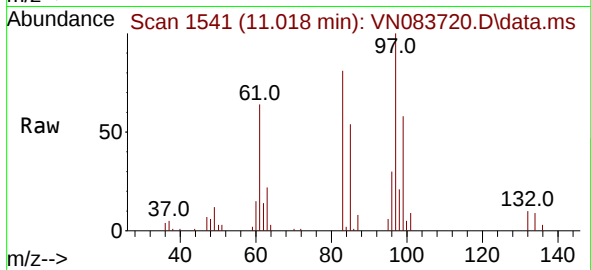
Ion Ratio Lower Upper

97 100

83 80.9 67.5 101.3

85 53.6 44.2 66.2

99 58.1 50.1 75.1



#56

Ethyl methacrylate

Concen: 21.189 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

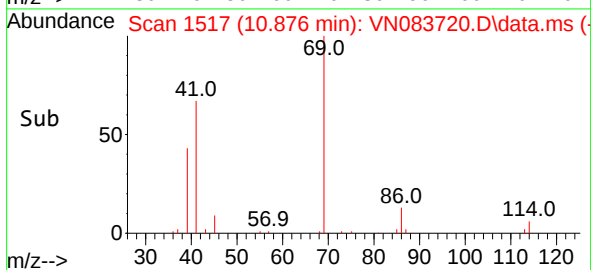
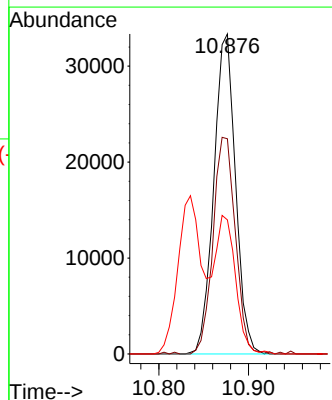
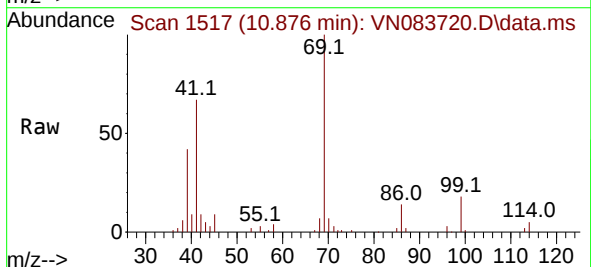
Tgt Ion: 69 Resp: 56032

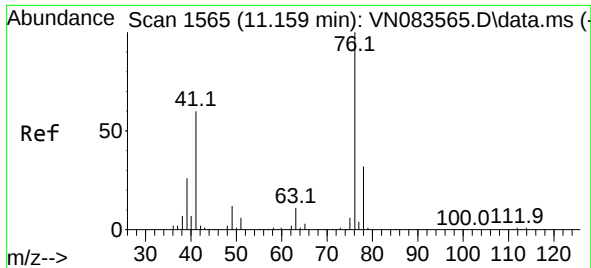
Ion Ratio Lower Upper

69 100

41 69.6 53.9 80.9

39 43.1 32.6 48.8





#57

1,3-Dichloropropane

Concen: 20.751 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

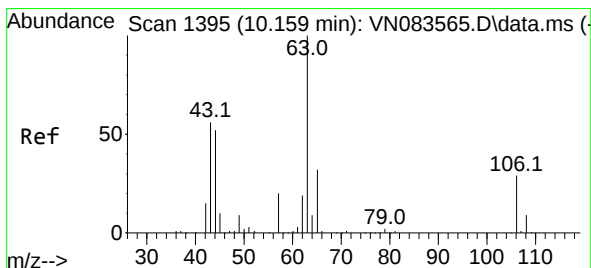
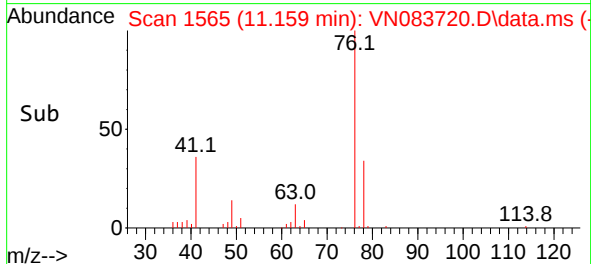
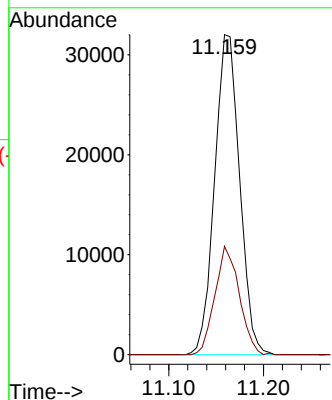
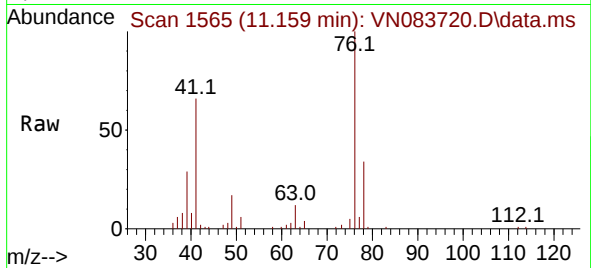
ClientSampleId :

Tgt Ion: 76 Resp: 58726

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 79.932 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083720.D

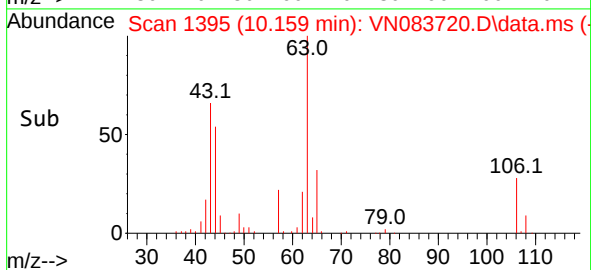
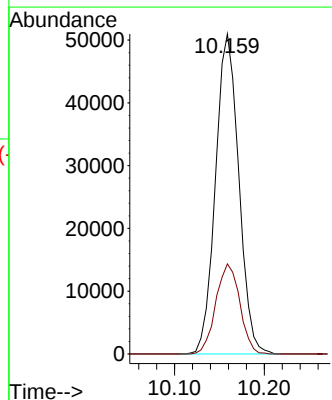
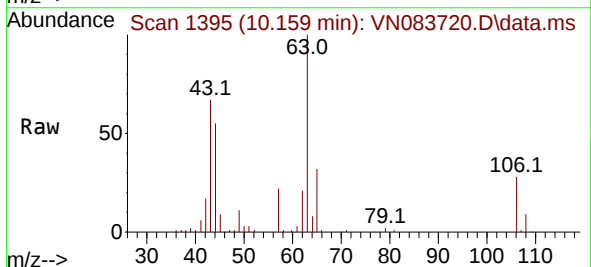
Acq: 09 Sep 2024 16:26

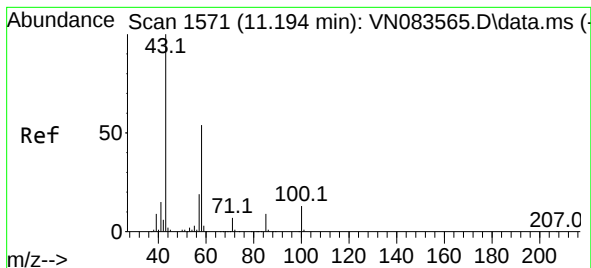
Tgt Ion: 63 Resp: 91845

Ion Ratio Lower Upper

63 100

106 28.9 23.3 34.9

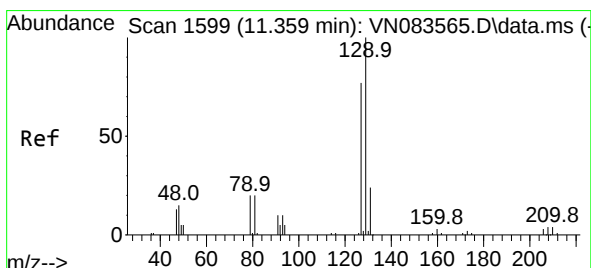
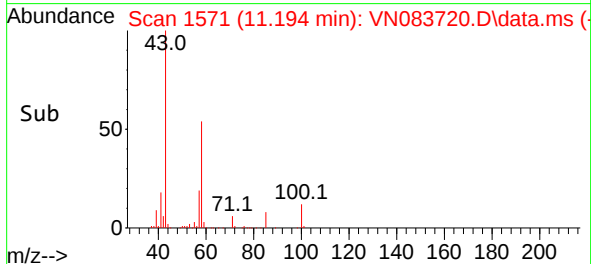
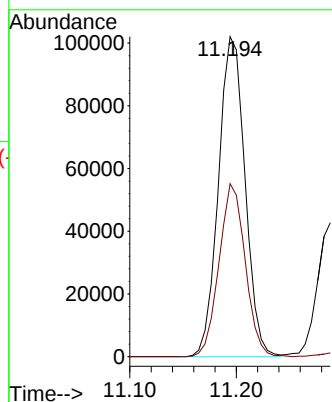
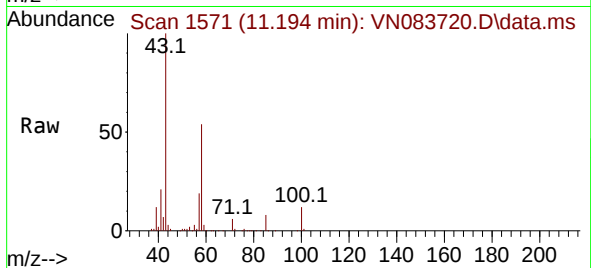




#59
2-Hexanone
Concen: 109.368 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

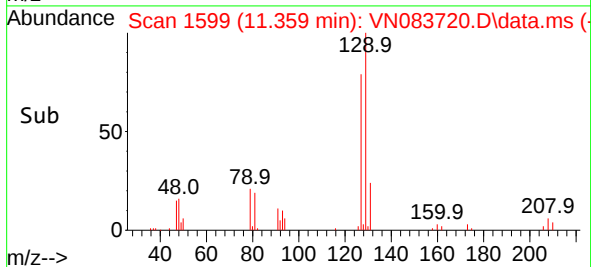
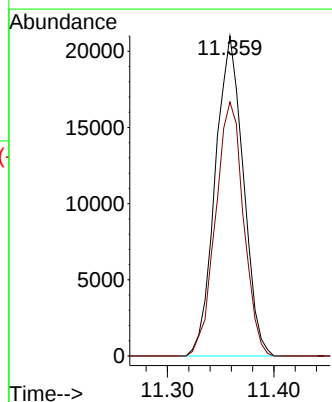
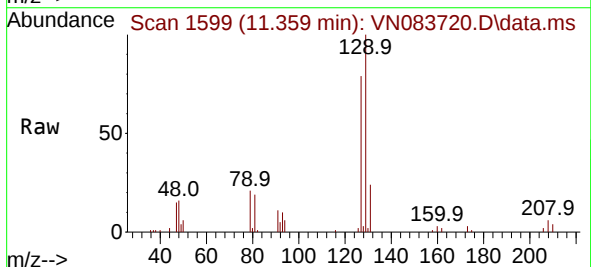
Instrument :
MSVOA_N
ClientSampleId :

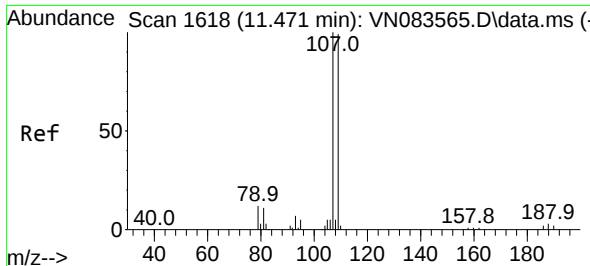
Tgt Ion: 43 Resp: 176781
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5



#60
Dibromochloromethane
Concen: 20.742 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:129 Resp: 38419
Ion Ratio Lower Upper
129 100
127 79.3 39.0 116.9

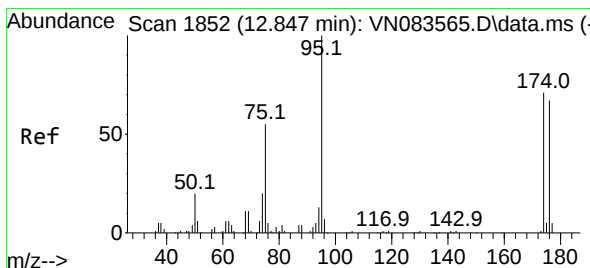
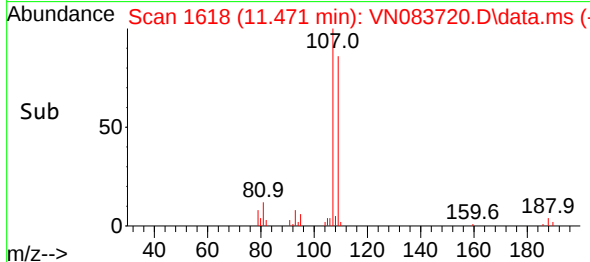
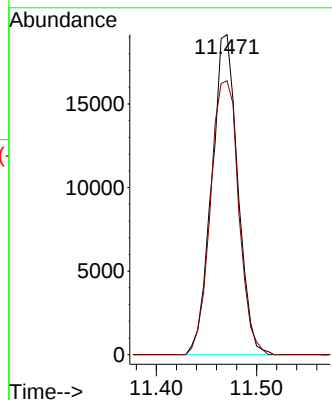
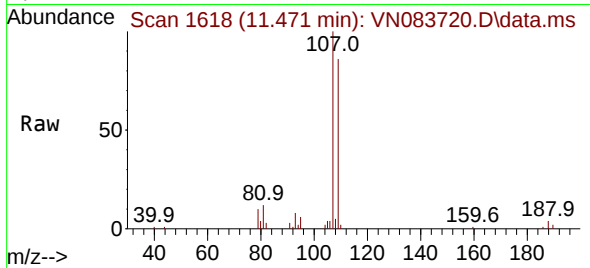




#61
1,2-Dibromoethane
Concen: 21.202 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

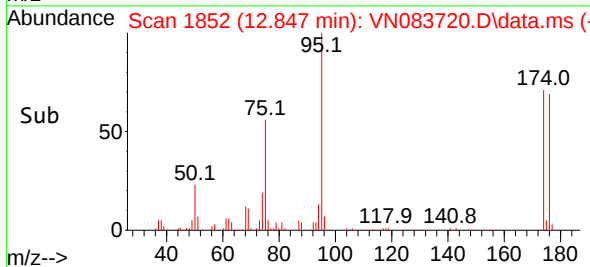
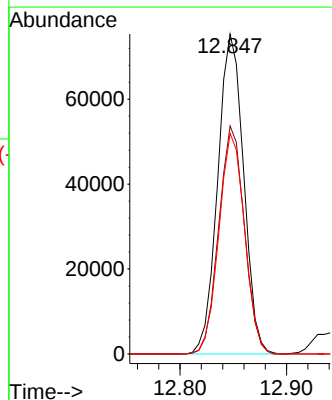
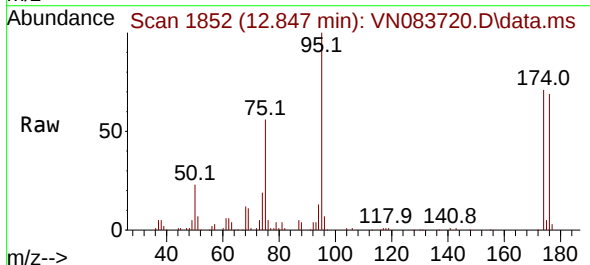
Instrument :
MSVOA_N
ClientSampleId :

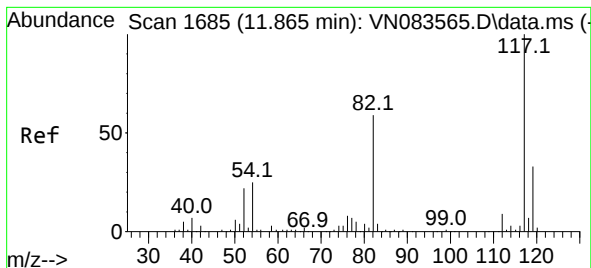
Tgt Ion:107 Resp: 34626
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.714 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 95 Resp: 127060
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 68.5 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

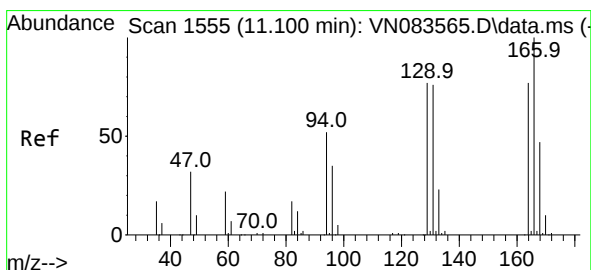
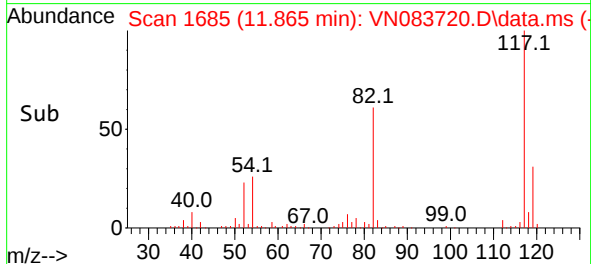
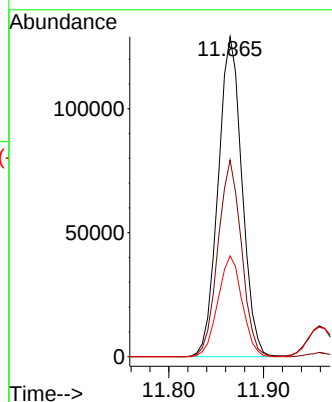
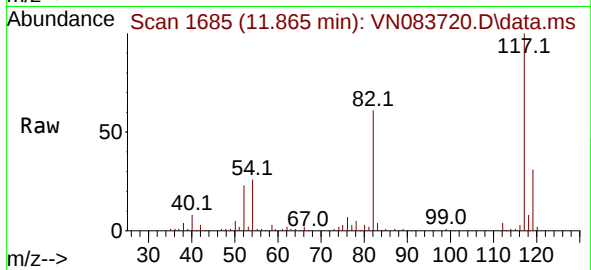
Tgt Ion:117 Resp: 226096

Ion Ratio Lower Upper

117 100

82 61.4 47.4 71.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 19.939 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Tgt Ion:164 Resp: 29632

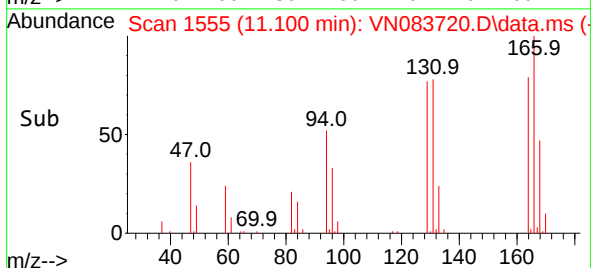
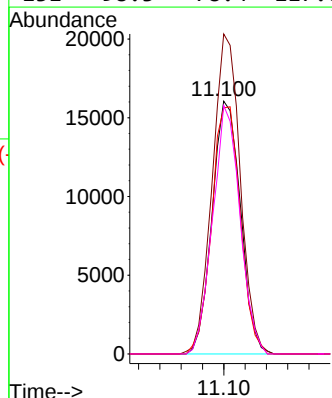
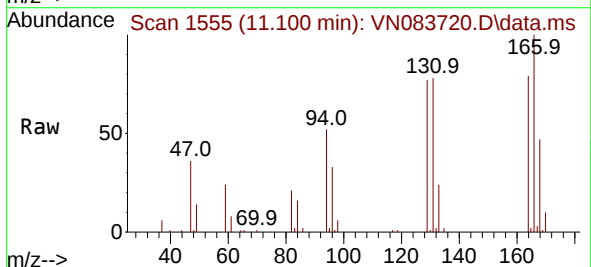
Ion Ratio Lower Upper

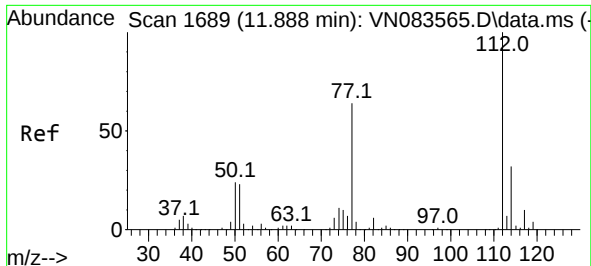
164 100

166 126.6 103.7 155.5

129 97.3 79.9 119.9

131 98.3 78.4 117.6

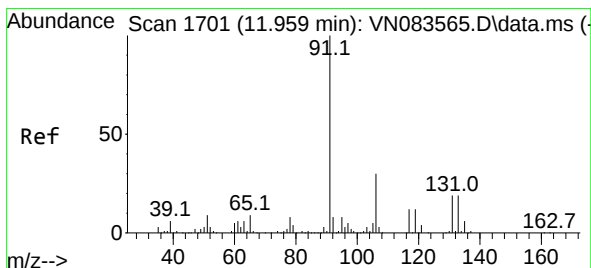
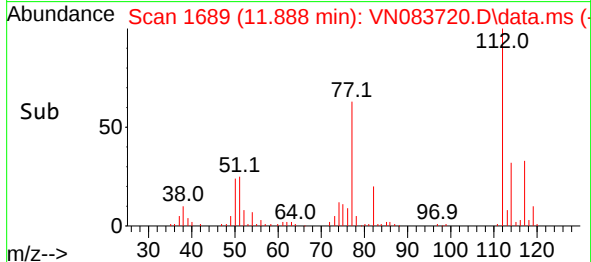
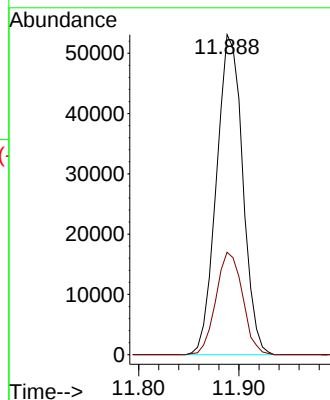
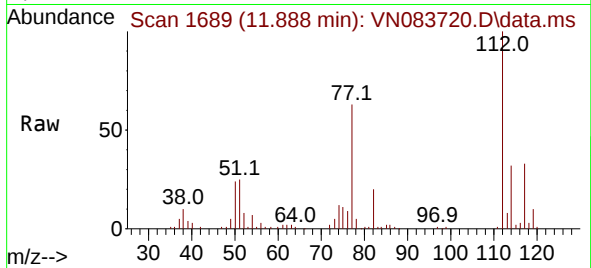




#65
Chlorobenzene
Concen: 19.008 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

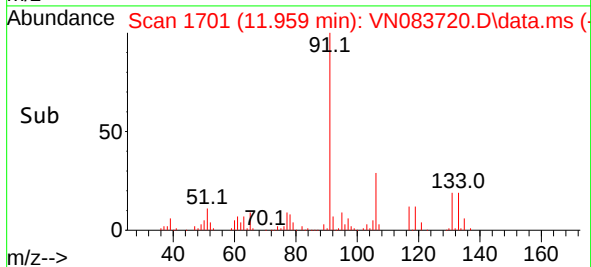
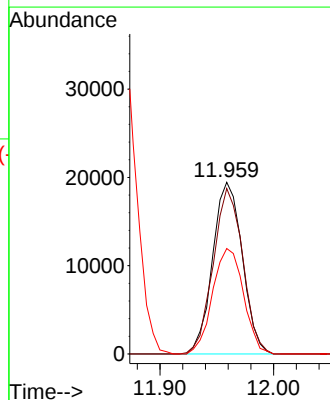
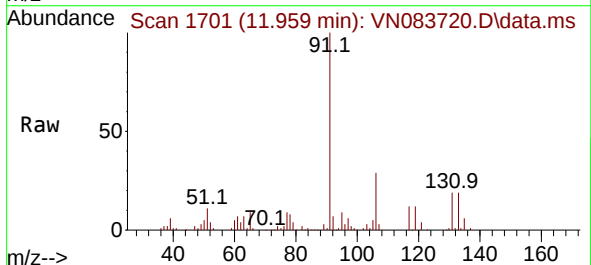
Instrument :
MSVOA_N
ClientSampleId :

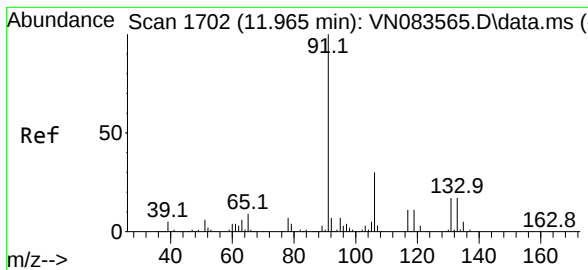
Tgt Ion:112 Resp: 96380
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.629 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:131 Resp: 35315
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 64.0 31.6 94.8

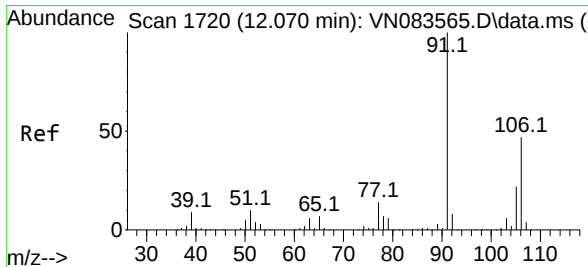
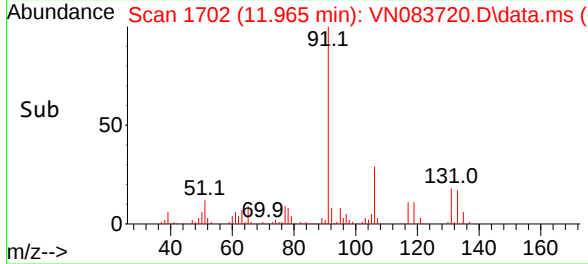
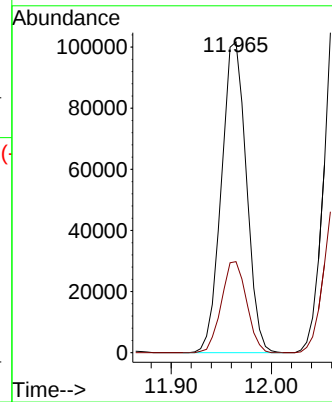
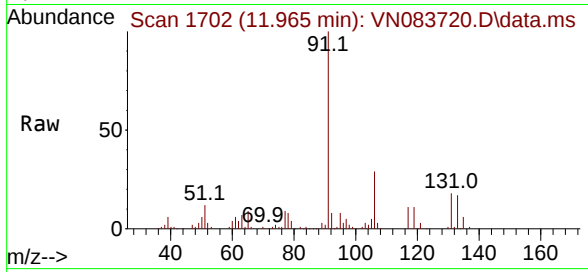




#67
Ethyl Benzene
Concen: 19.400 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

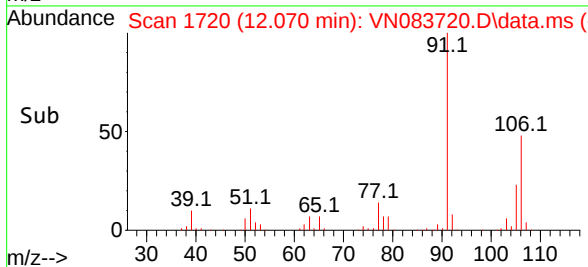
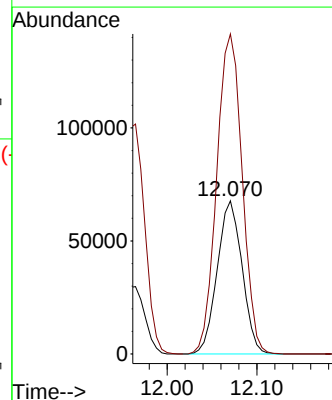
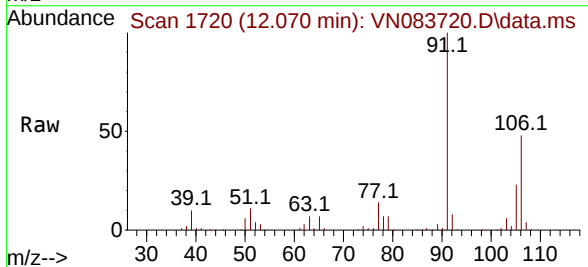
Instrument :
MSVOA_N
ClientSampleId :

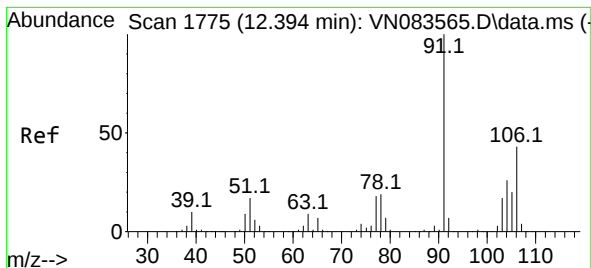
Tgt Ion: 91 Resp: 175593
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5



#68
m/p-Xylenes
Concen: 38.232 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:106 Resp: 130360
Ion Ratio Lower Upper
106 100
91 214.1 169.2 253.8





#69

o-Xylene

Concen: 19.357 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

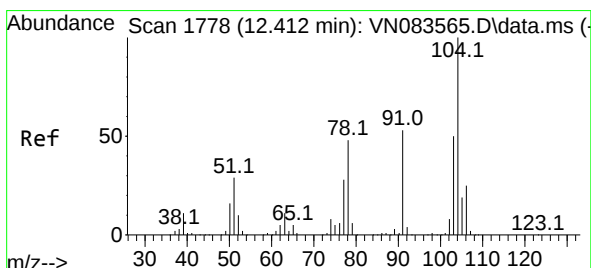
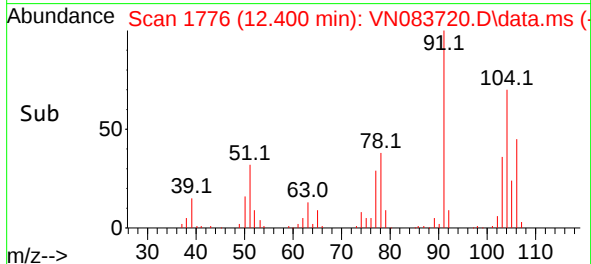
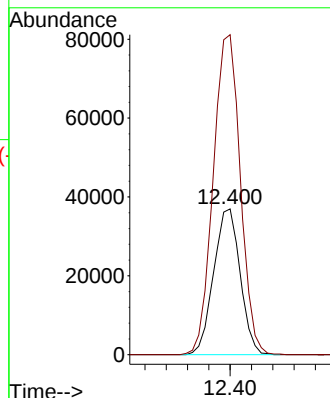
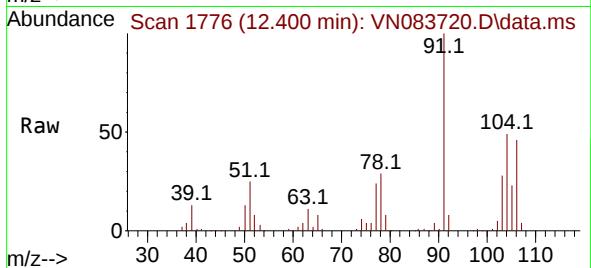
ClientSampleId :

Tgt Ion:106 Resp: 63790

Ion Ratio Lower Upper

106 100

91 224.3 112.9 338.6



#70

Styrene

Concen: 19.009 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

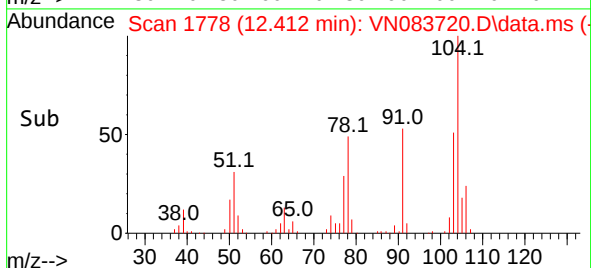
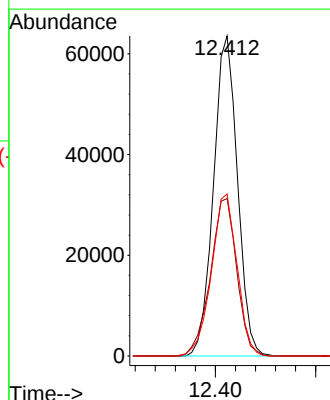
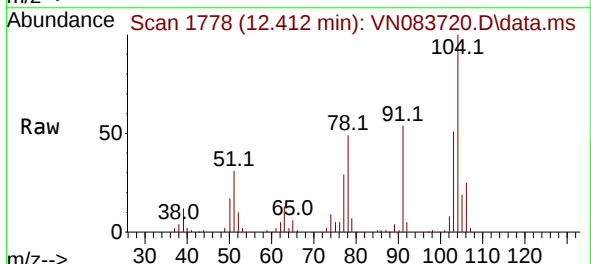
Tgt Ion:104 Resp: 105331

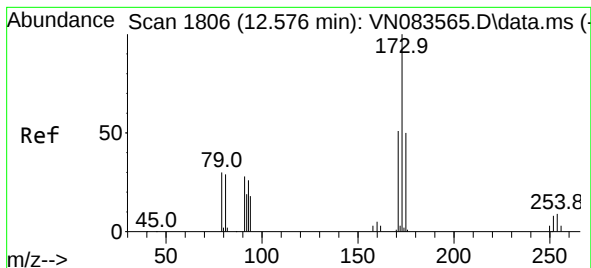
Ion Ratio Lower Upper

104 100

78 54.0 43.3 64.9

103 54.2 43.4 65.2





#71

Bromoform

Concen: 20.306 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

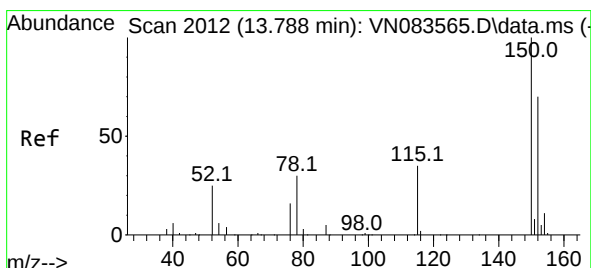
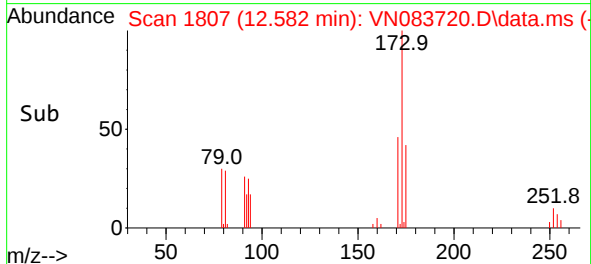
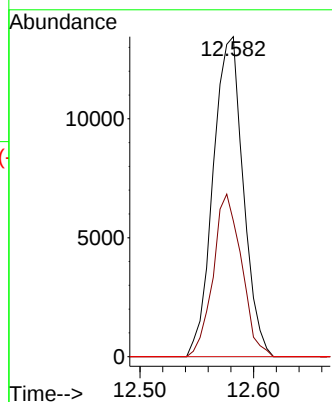
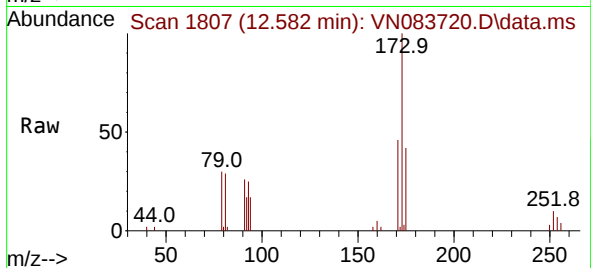
Tgt Ion:173 Resp: 24761

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

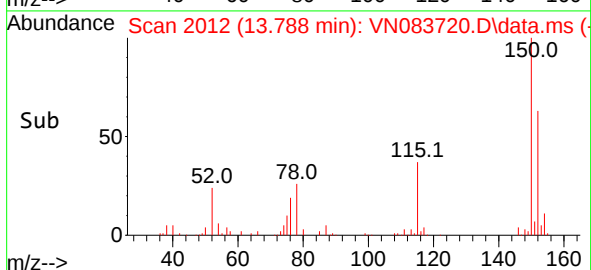
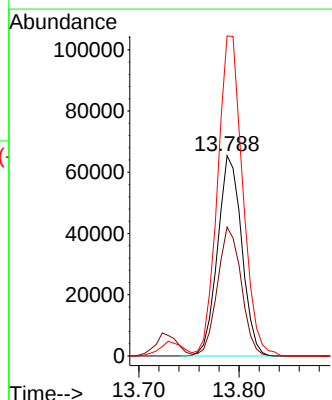
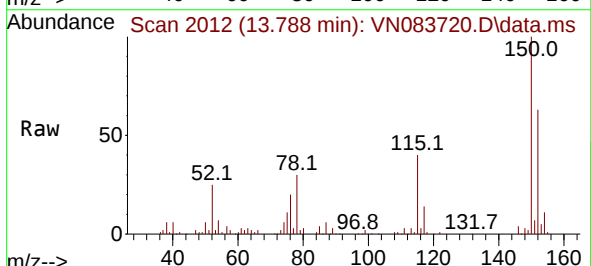
Tgt Ion:152 Resp: 109195

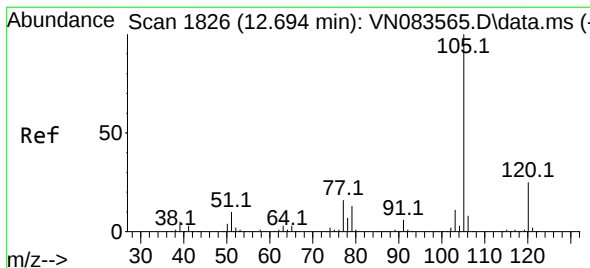
Ion Ratio Lower Upper

152 100

115 63.6 32.2 96.6

150 166.7 0.0 348.6





#73

Isopropylbenzene

Concen: 19.242 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

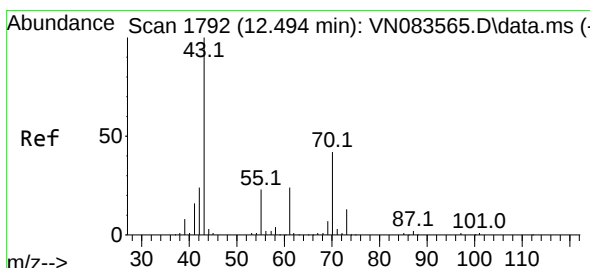
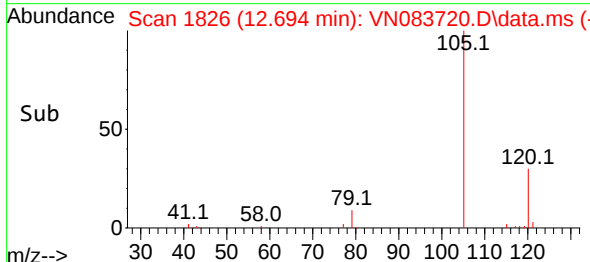
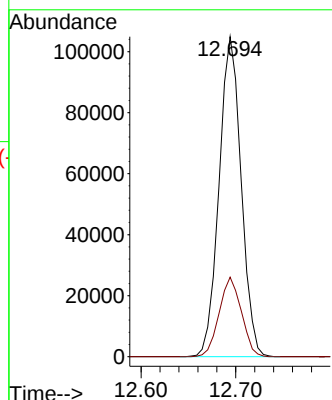
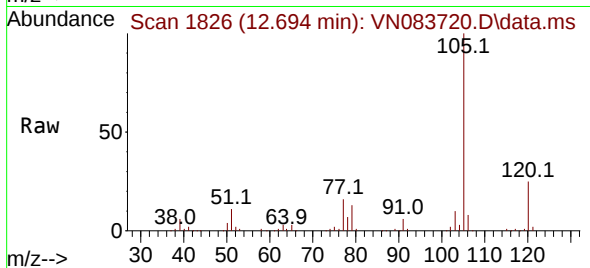
ClientSampleId :

Tgt Ion:105 Resp: 170060

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



#74

N-ethyl acetate

Concen: 19.172 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Tgt Ion: 43 Resp: 73545

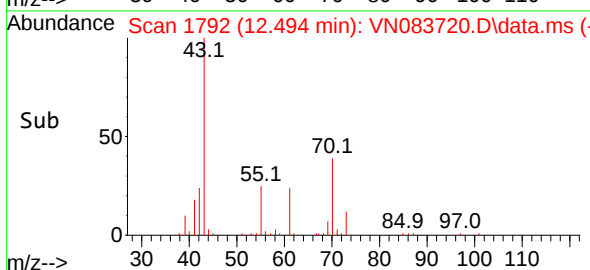
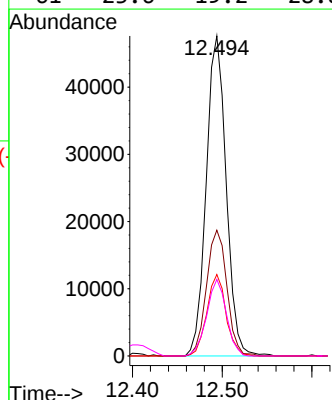
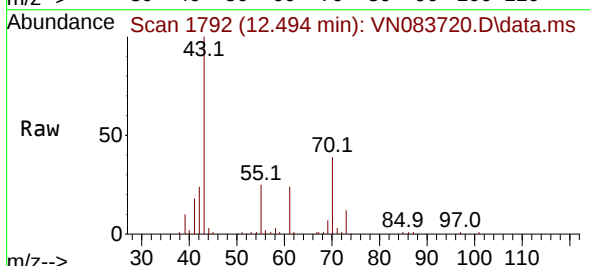
Ion Ratio Lower Upper

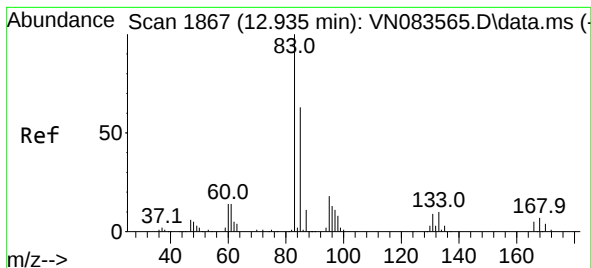
43 100

70 40.2 34.5 51.7

55 24.6 18.6 28.0

61 23.6 19.2 28.8

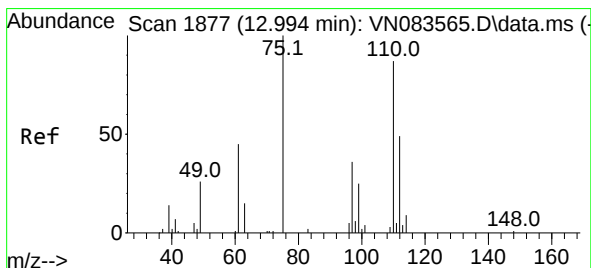
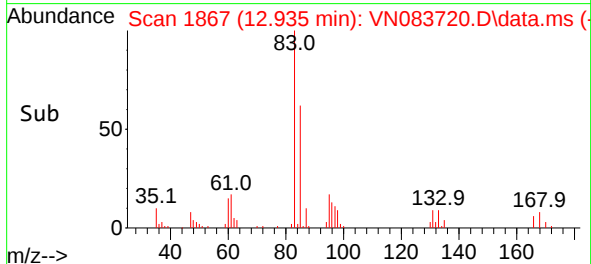
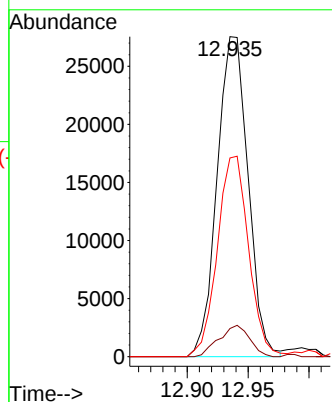
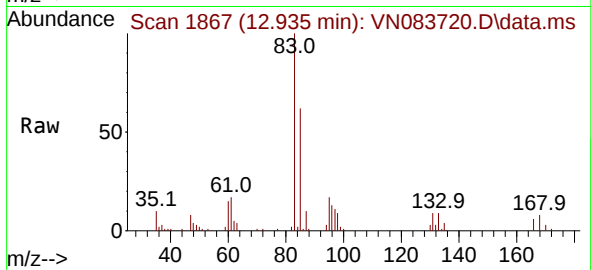




#75
1,1,2,2-Tetrachloroethane
Concen: 19.455 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

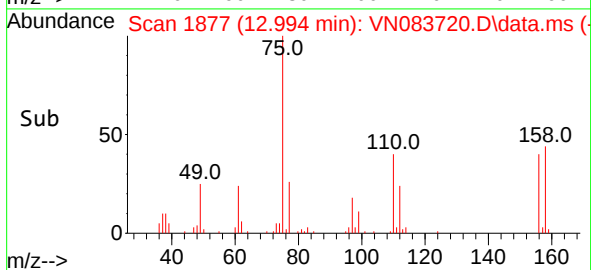
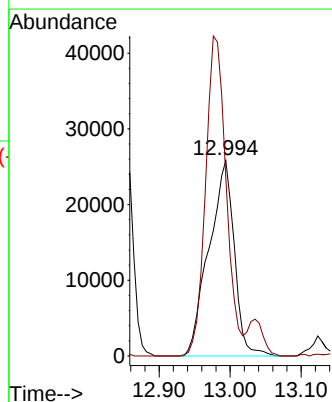
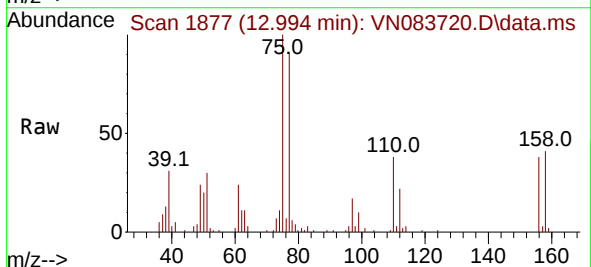
Instrument :
MSVOA_N
ClientSampleId :

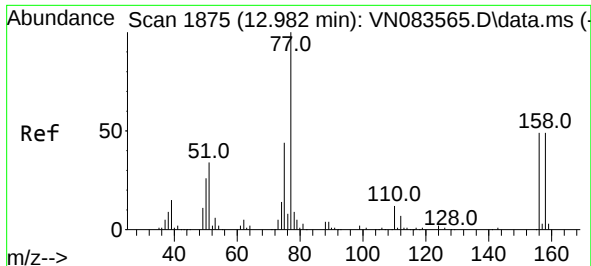
Tgt Ion: 83 Resp: 48814
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 63.3 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 29.010 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 75 Resp: 63957
Ion Ratio Lower Upper
75 100
77 133.1 95.2 285.6

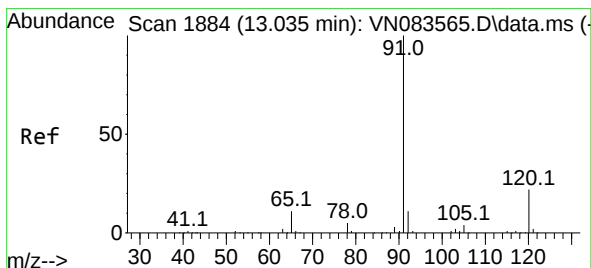
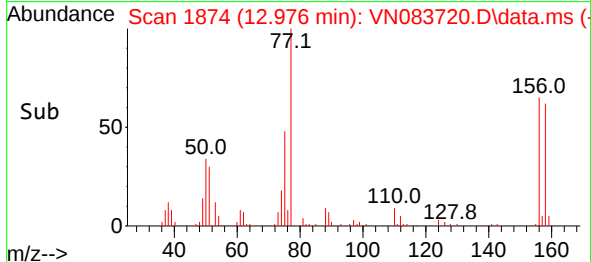
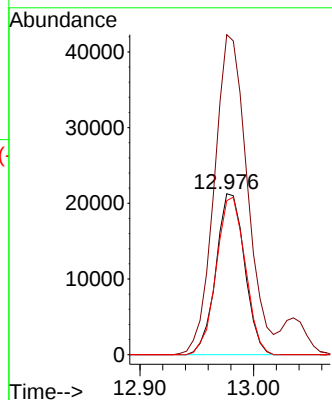
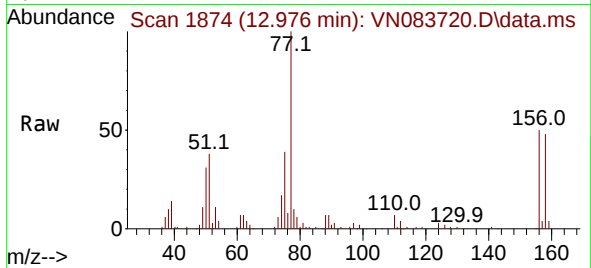




#77
Bromobenzene
Concen: 17.964 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

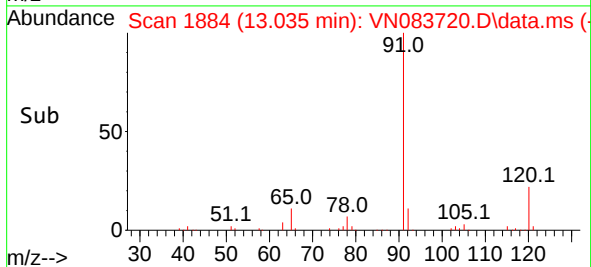
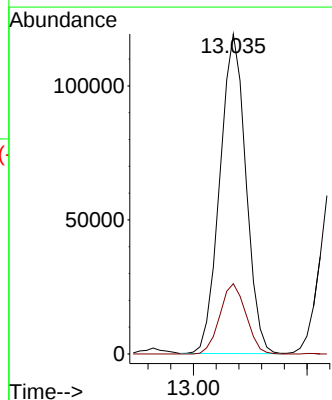
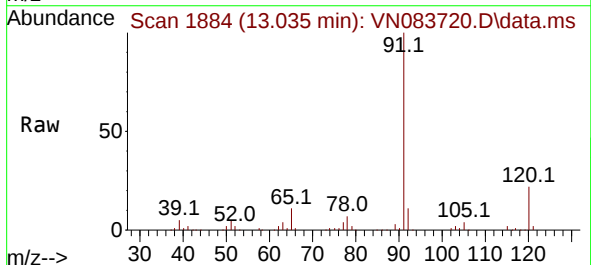
Instrument :
MSVOA_N
ClientSampleId :

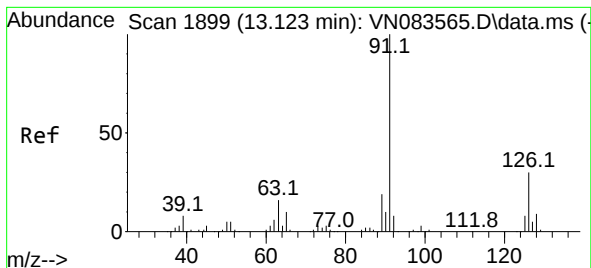
Tgt Ion:156 Resp: 37249
Ion Ratio Lower Upper
156 100
77 228.6 114.3 343.1
158 98.9 48.9 146.7



#78
n-propylbenzene
Concen: 18.540 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 91 Resp: 189450
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.263 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

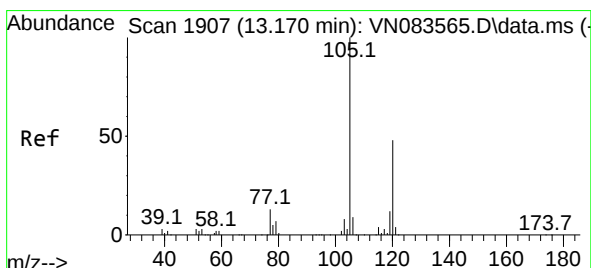
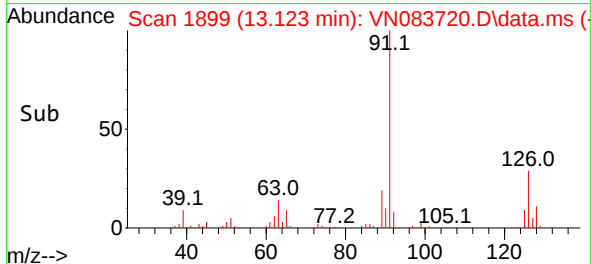
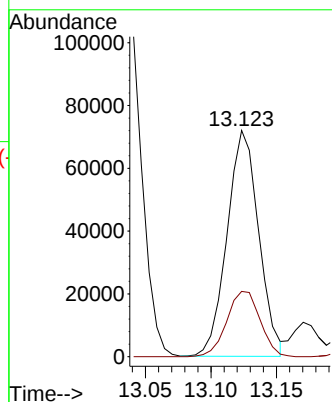
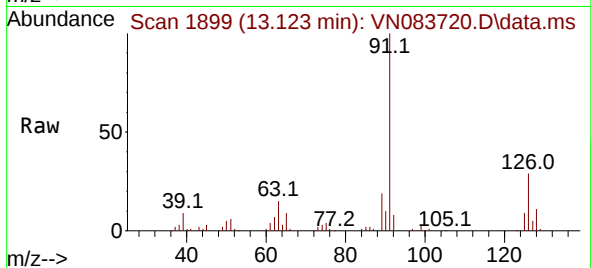
ClientSampleId :

Tgt Ion: 91 Resp: 120929

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 18.669 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083720.D

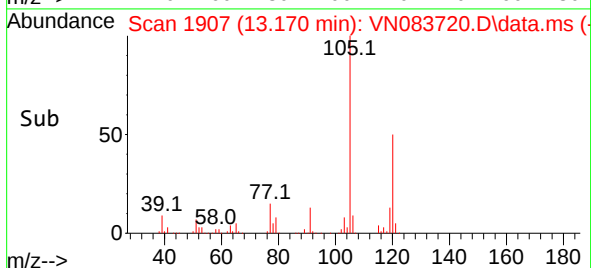
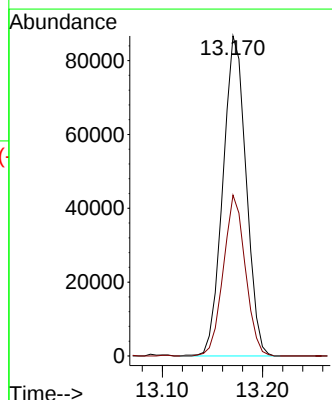
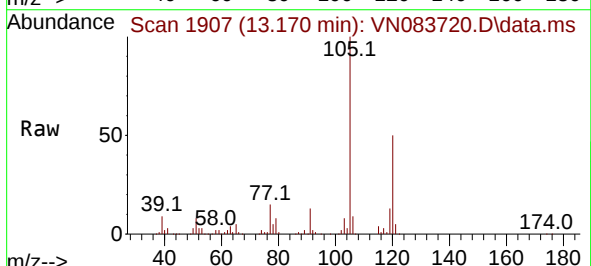
Acq: 09 Sep 2024 16:26

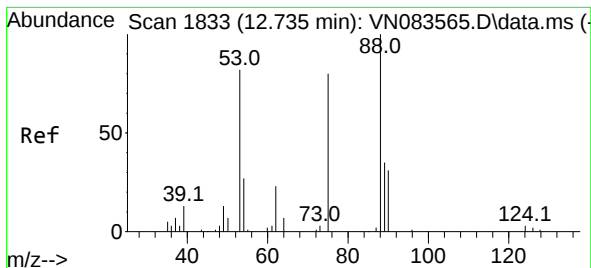
Tgt Ion:105 Resp: 138993

Ion Ratio Lower Upper

105 100

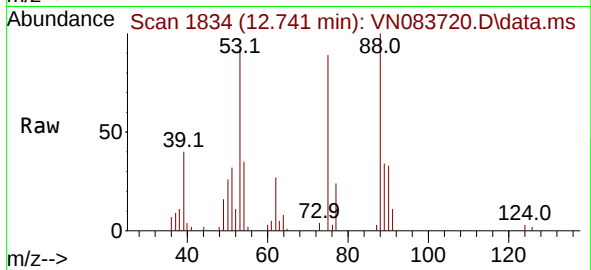
120 47.6 23.4 70.3



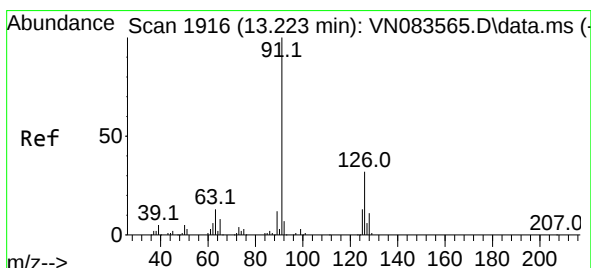
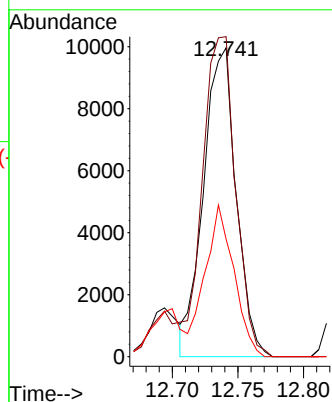
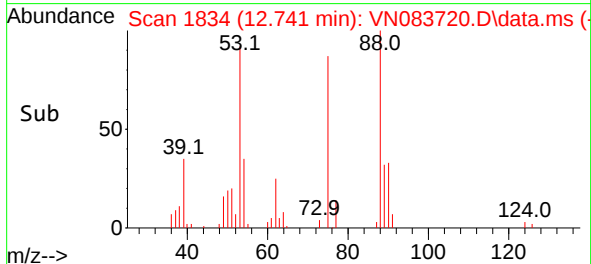


#81
trans-1,4-Dichloro-2-butene
Concen: 18.496 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

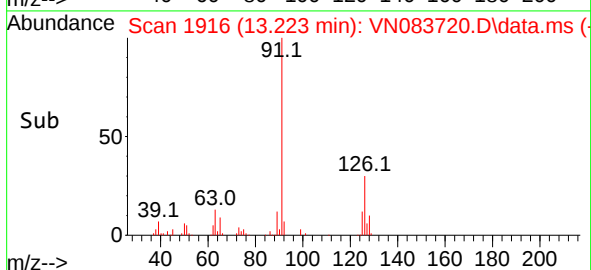
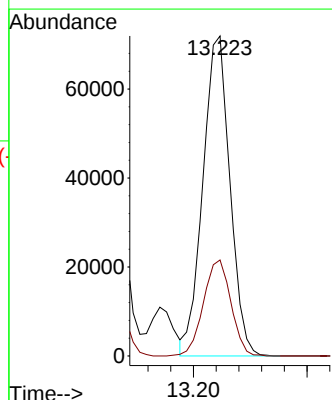
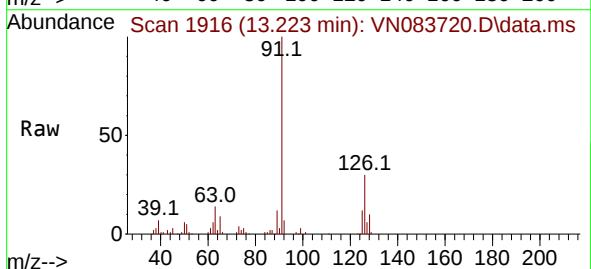


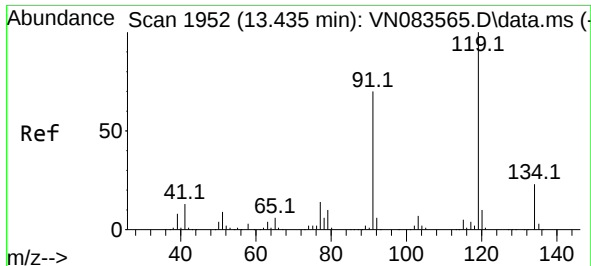
Tgt Ion:	75	Resp:	17289
Ion	Ratio	Lower	Upper
75	100		
53	106.9	81.2	121.8
89	43.2	35.7	53.5



#82
4-Chlorotoluene
Concen: 17.678 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:	91	Resp:	118916
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.2

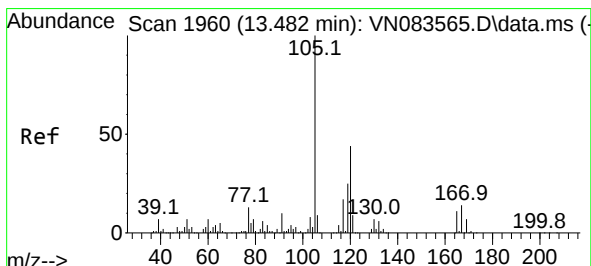
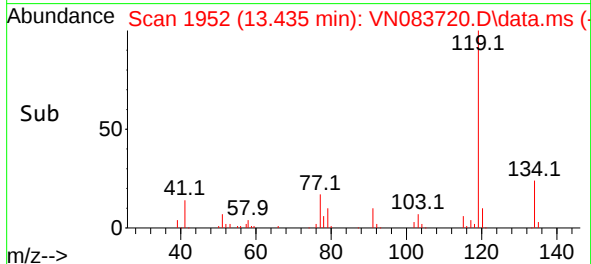
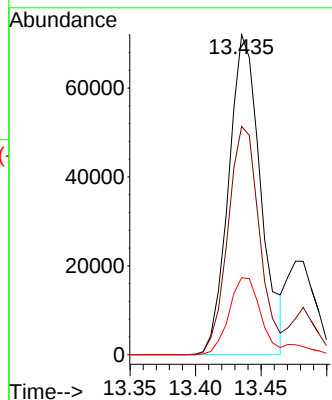
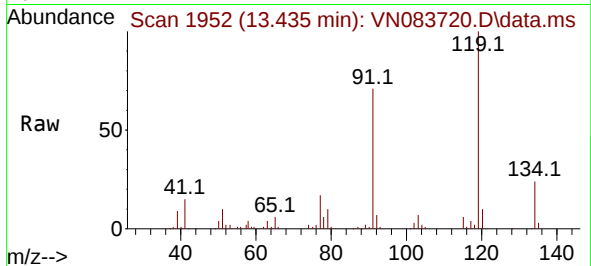




#83
tert-Butylbenzene
Concen: 18.516 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

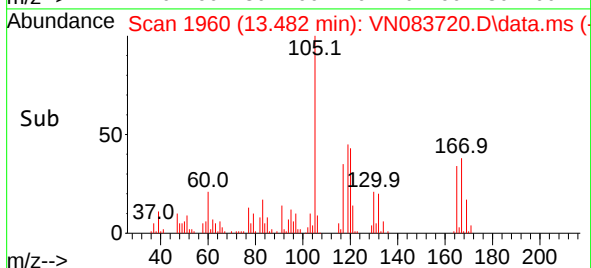
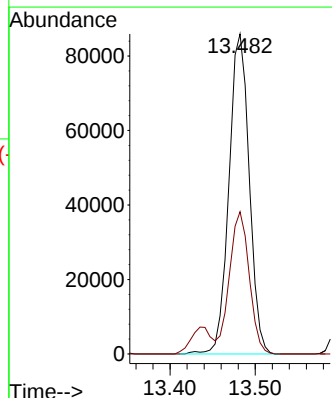
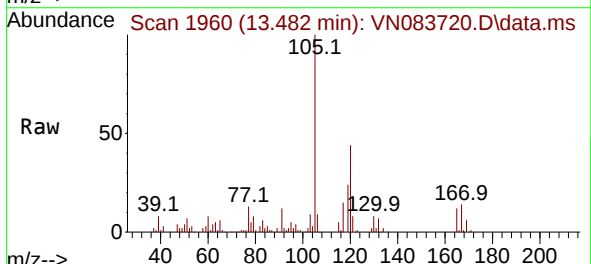
Instrument :
MSVOA_N
ClientSampleId :

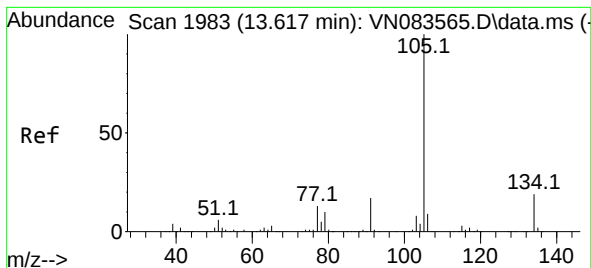
Tgt Ion:119 Resp: 122562
Ion Ratio Lower Upper
119 100
91 70.2 34.5 103.6
134 23.5 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 18.945 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion:105 Resp: 141977
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4





#85

sec-Butylbenzene

Concen: 18.752 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

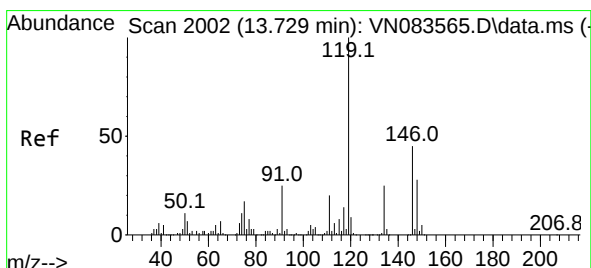
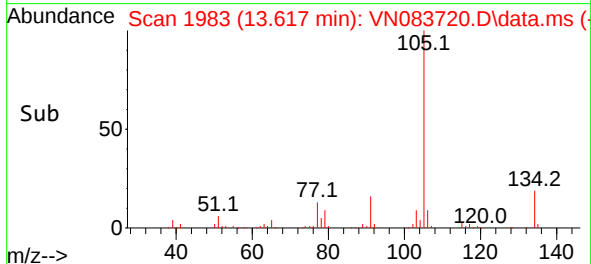
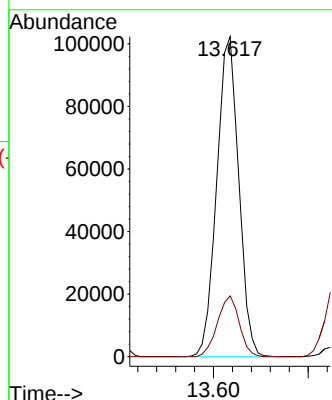
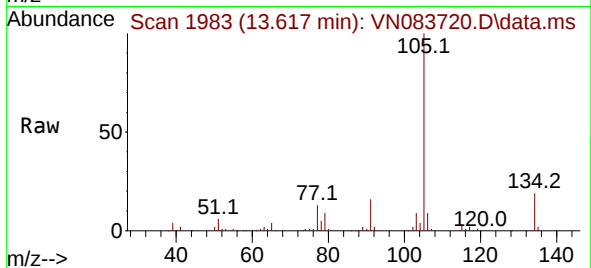
ClientSampleId :

Tgt Ion:105 Resp: 164980

Ion Ratio Lower Upper

105 100

134 18.8 9.7 29.1



#86

p-Isopropyltoluene

Concen: 18.292 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

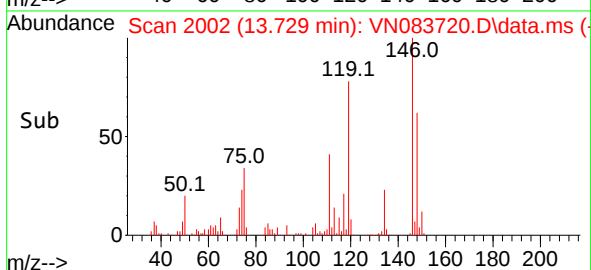
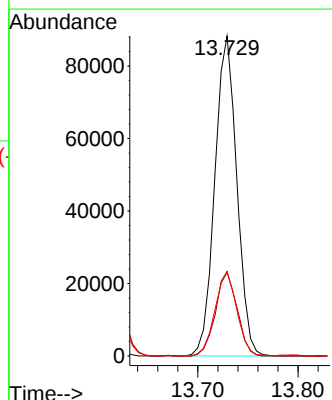
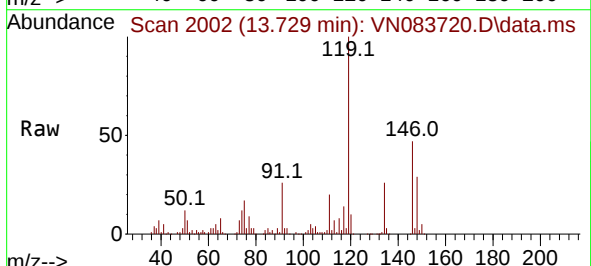
Tgt Ion:119 Resp: 134418

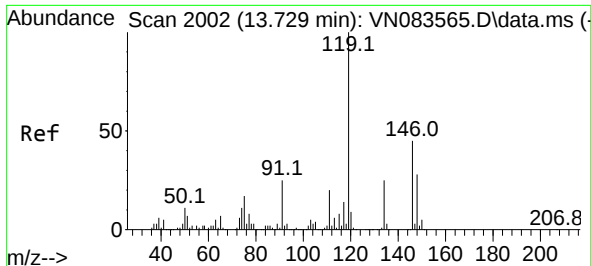
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.3

91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 17.614 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083720.D

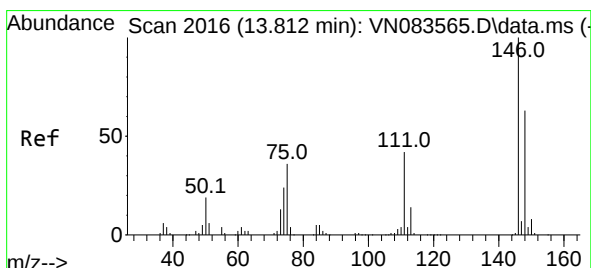
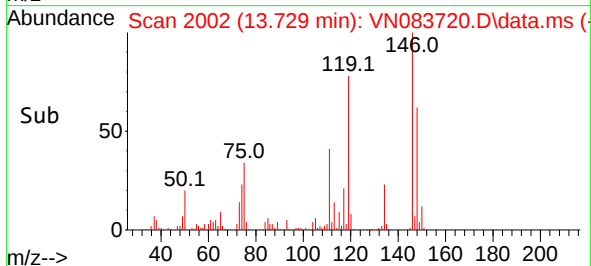
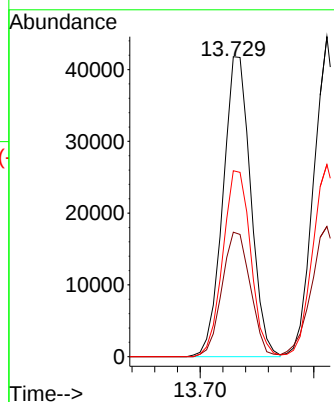
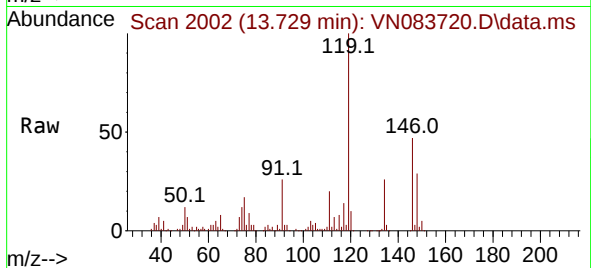
Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	70896
Ion Ratio	Lower	Upper
146	100	
111	42.5	21.7 65.1
148	62.3	31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 16.979 ug/l

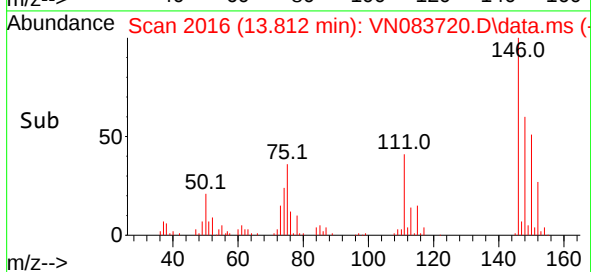
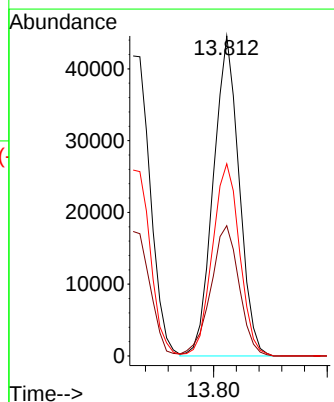
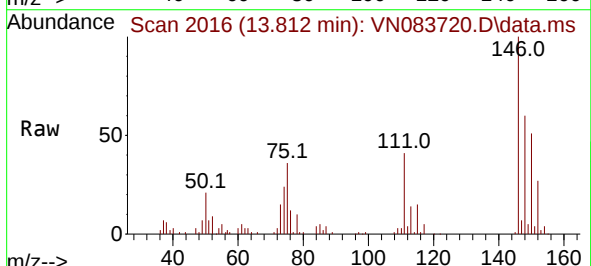
RT: 13.812 min Scan# 2016

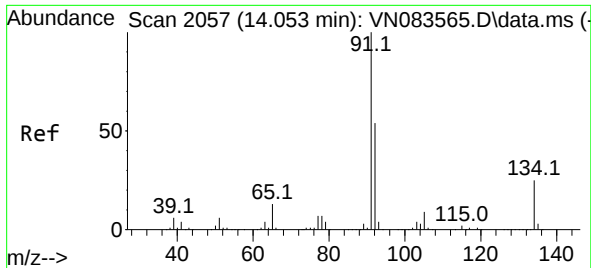
Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Tgt Ion:146	Resp:	70224
Ion Ratio	Lower	Upper
146	100	
111	44.5	21.3 64.0
148	63.5	32.0 96.2

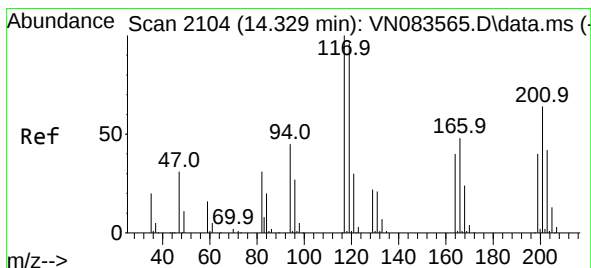
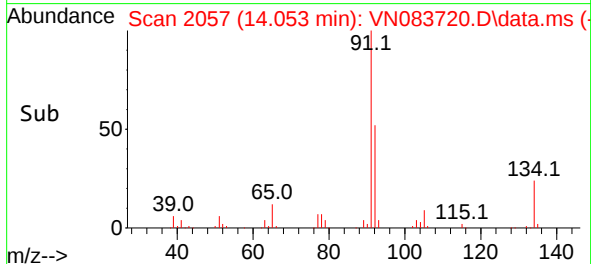
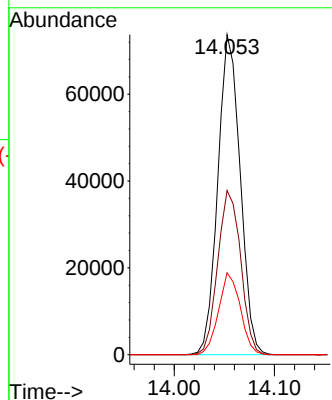
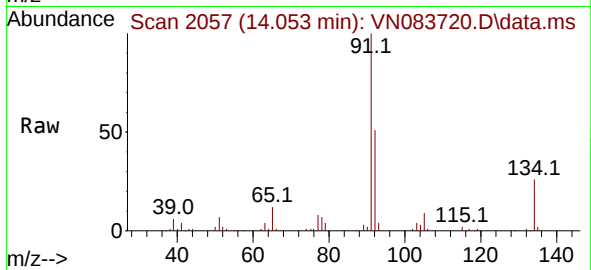




#89
n-Butylbenzene
Concen: 17.649 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

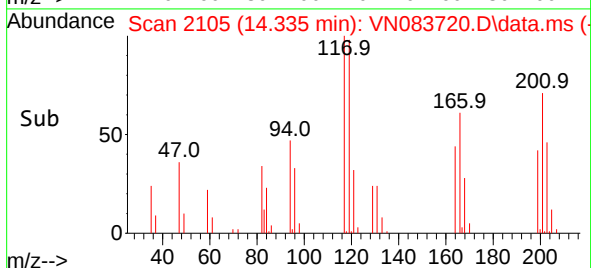
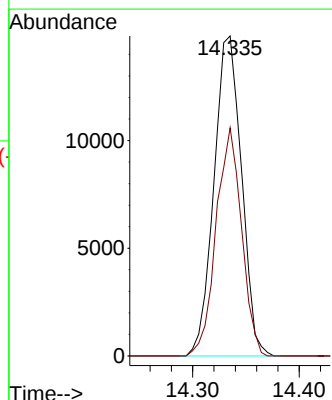
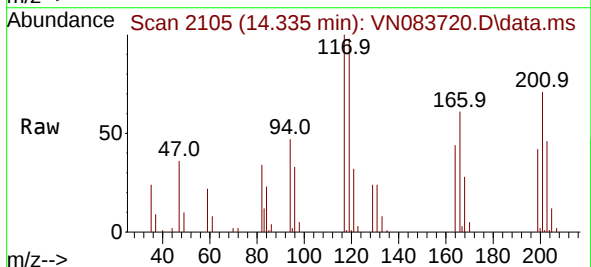
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 114079
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 24.9 12.2 36.4



#90
Hexachloroethane
Concen: 18.642 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 117 Resp: 26665
Ion Ratio Lower Upper
117 100
201 65.8 32.8 98.3

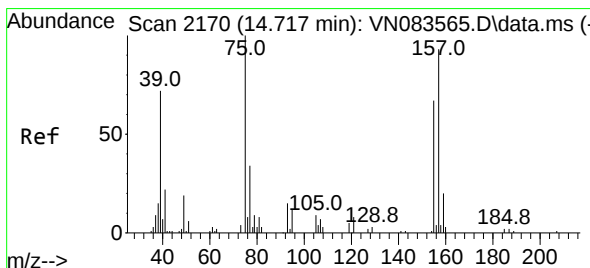
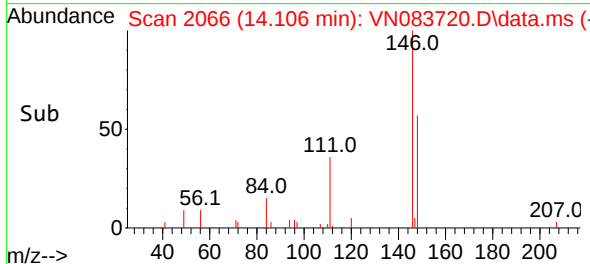
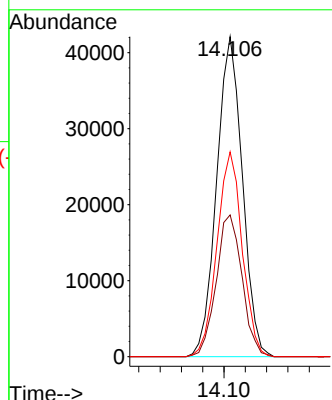
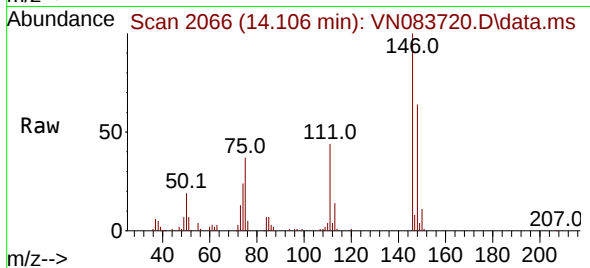




#91
1,2-Dichlorobenzene
Concen: 18.198 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

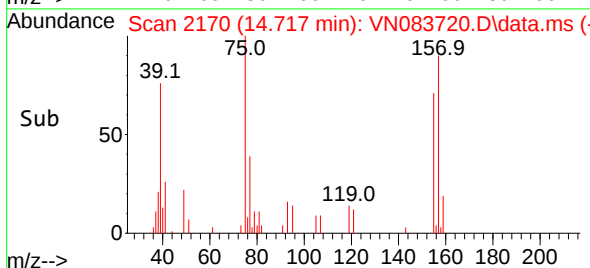
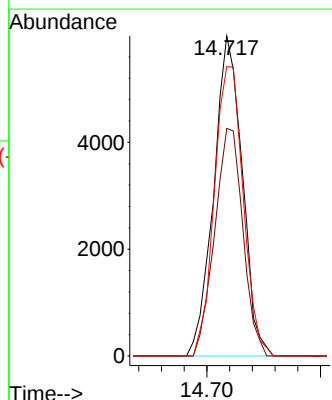
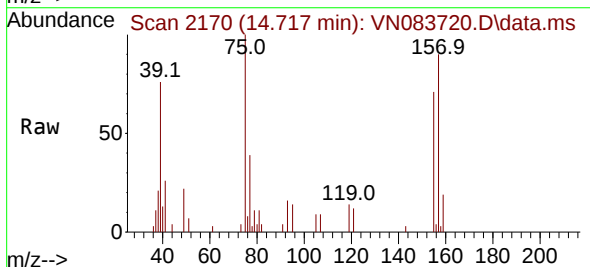
Instrument :
MSVOA_N
ClientSampleId :

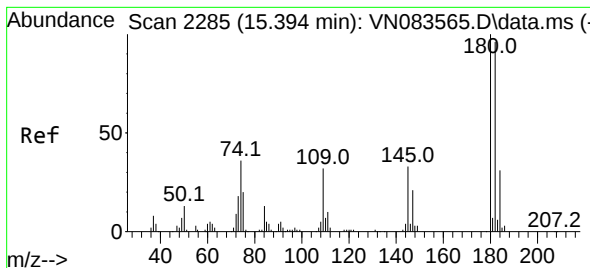
Tgt Ion:146 Resp: 70540
Ion Ratio Lower Upper
146 100
111 44.5 22.8 68.3
148 62.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.188 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083720.D
Acq: 09 Sep 2024 16:26

Tgt Ion: 75 Resp: 10441
Ion Ratio Lower Upper
75 100
155 70.5 35.9 107.7
157 91.5 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 15.779 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

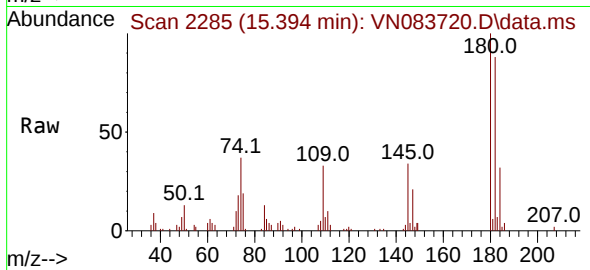
Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :



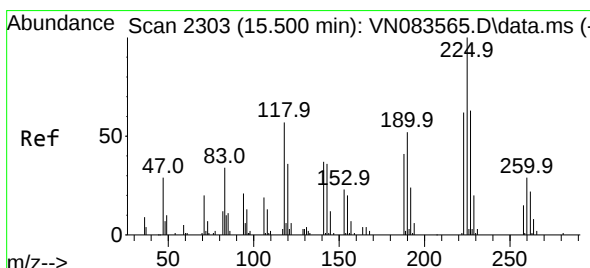
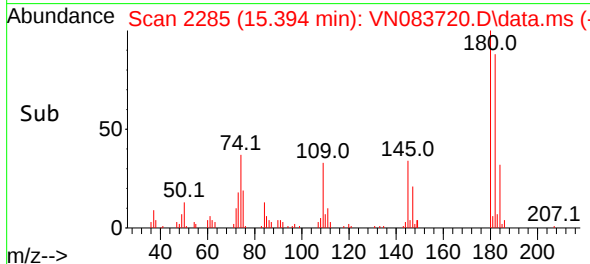
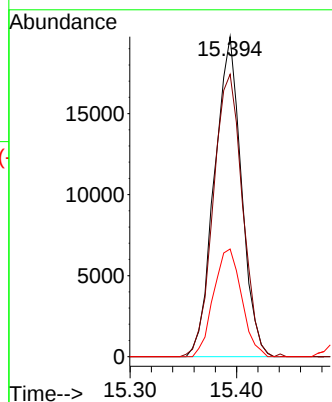
Tgt Ion:180 Resp: 34684

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 35.0 16.9 50.7



#94

Hexachlorobutadiene

Concen: 19.078 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

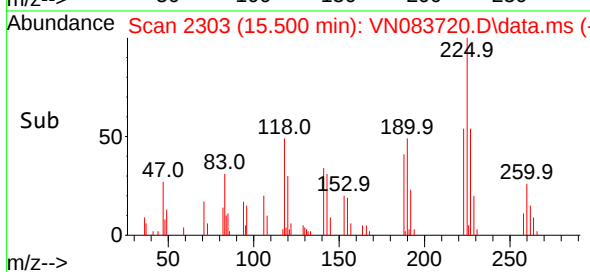
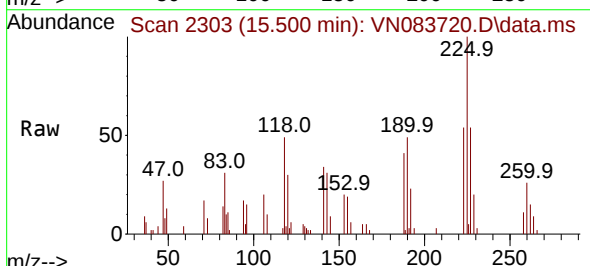
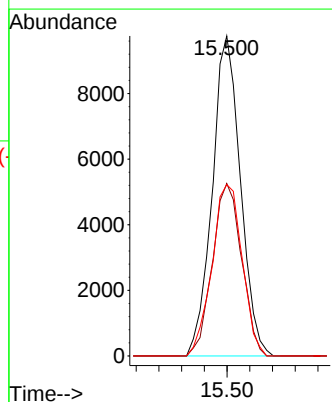
Tgt Ion:225 Resp: 16793

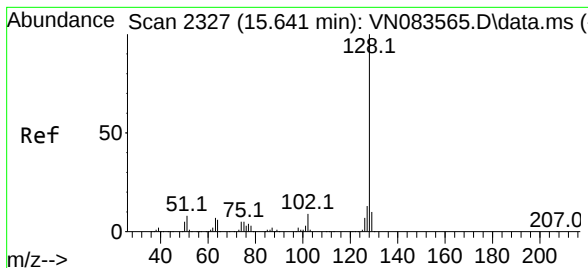
Ion Ratio Lower Upper

225 100

223 55.9 31.9 95.5

227 57.4 32.0 96.2





#95

Naphthalene

Concen: 16.165 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

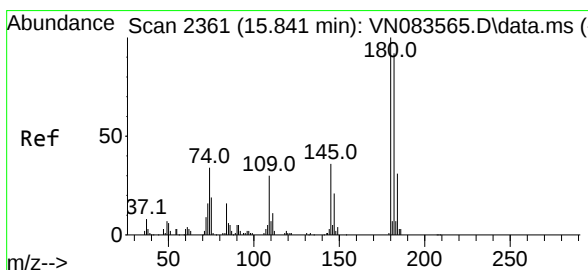
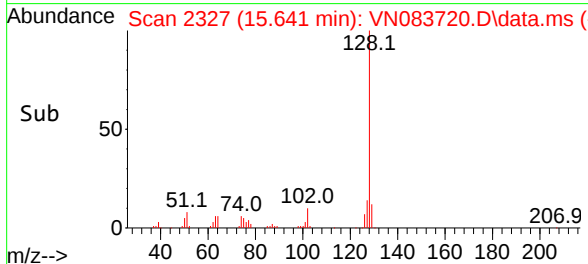
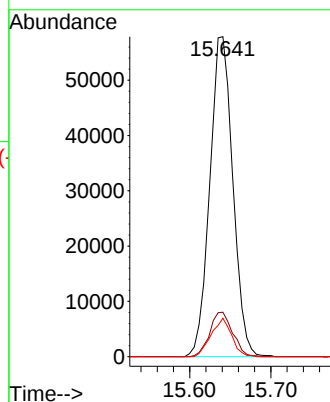
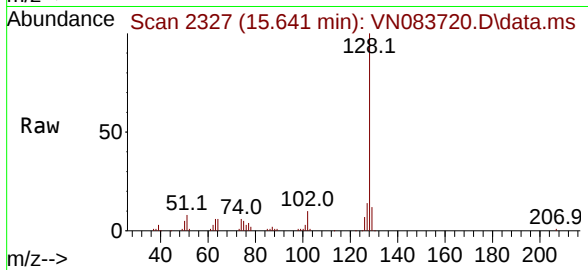
Tgt Ion:128 Resp: 114157

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.383 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083720.D

Acq: 09 Sep 2024 16:26

Tgt Ion:180 Resp: 33777

Ion Ratio Lower Upper

180 100

182 95.0 47.1 141.4

145 35.2 17.8 53.5

