

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085216.D
 Acq On : 16 Dec 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 17 02:01:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158547	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	71020	30.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	12.847	95	73363	30.335	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.133%
63) Toluene-d8	10.565	98	203918	29.742	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49748	21.179	ug/l	93
3) Chloromethane	2.359	50	42949	20.658	ug/l	99
4) Vinyl Chloride	2.512	62	44990	21.156	ug/l	97
5) Bromomethane	2.959	94	25352	18.777	ug/l	93
6) Chloroethane	3.118	64	28088	21.499	ug/l	100
7) Trichlorofluoromethane	3.501	101	70874	20.361	ug/l	99
8) Diethyl Ether	3.959	74	22341	20.263	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	40686	20.901	ug/l	98
10) 1,1-Dichloroethene	4.336	96	36236	20.266	ug/l	94
11) Methyl Iodide	4.583	142	40185	16.205	ug/l	92
12) Methyl Acetate	5.024	43	45420	21.532	ug/l	94
13) Acrolein	4.177	56	33787	110.222	ug/l	93
14) Acrylonitrile	5.718	53	90277	103.071	ug/l	99
15) Acetone	4.424	58	28037	118.123	ug/l	98
16) Carbon Disulfide	4.706	76	106280	19.886	ug/l	97
17) Allyl chloride	5.024	41	49851	19.485	ug/l	93
18) Methylene Chloride	5.271	84	38850	19.149	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	37332	20.087	ug/l	98
20) Diisopropyl ether	6.671	45	112534	20.042	ug/l	98
21) 1,1-Dichloroethane	6.565	63	69939	20.181	ug/l #	95
22) cis-1,2-Dichloroethene	7.489	96	42975	20.118	ug/l	99
23) tert-Butyl Alcohol	5.512	59	31217	99.351	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	115332	20.646	ug/l #	76
25) Chloroform	7.965	83	74737	20.586	ug/l	94
26) Cyclohexane	8.253	56	55678	19.513	ug/l #	90
29) 1,1-Dichloropropene	8.365	75	51044	19.952	ug/l	98
30) 2-Butanone	7.483	43	122922	104.700	ug/l	99
31) 2,2-Dichloropropane	7.483	77	65668	20.016	ug/l #	100
32) 1,1,1-Trichloroethane	8.171	97	70477	20.352	ug/l	98
33) Carbon Tetrachloride	8.359	117	62403	19.971	ug/l	92
34) Benzene	8.600	78	158070	19.668	ug/l	98
35) Methacrylonitrile	7.771	41	24639	18.649	ug/l	88
36) 1,2-Dichloroethane	8.665	62	53647	19.608	ug/l	100
37) Trichloroethene	9.347	130	37732	19.715	ug/l	89
38) Methylcyclohexane	9.600	83	53143	19.104	ug/l	95
39) 1,2-Dichloropropane	9.618	63	37813	19.424	ug/l	96
40) Dibromomethane	9.706	93	28271	20.246	ug/l	99
41) Bromodichloromethane	9.883	83	59043	19.780	ug/l	95
42) Vinyl Acetate	6.600	43	421239	102.535	ug/l	100

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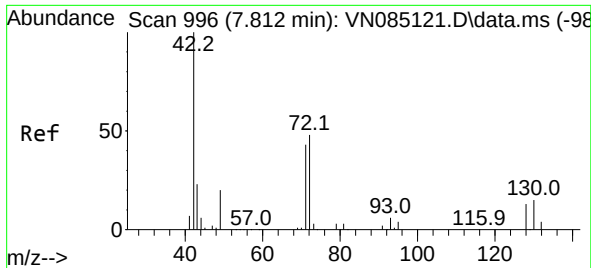
Quant Time: Dec 17 02:01:40 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	47420	20.300	ug/l	96
44) Isopropyl Acetate	8.683	43	83434	20.553	ug/l	100
45) 1,4-Dioxane	9.694	88	13913	410.991	ug/l	96
46) Methyl methacrylate	9.677	41	38564	20.757	ug/l	89
47) n-amyl Acetate	12.488	43	68064	19.928	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	56984	19.447	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	61200	19.185	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	37831	20.106	ug/l	97
51) Ethyl methacrylate	10.871	69	56637	19.790	ug/l	96
52) 1,3-Dichloropropane	11.159	76	63193	20.068	ug/l	99
53) Dibromochloromethane	11.359	129	46186	20.142	ug/l	97
54) 1,2-Dibromoethane	11.465	107	37912	19.998	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	127137	95.632	ug/l	98
56) Bromoform	12.576	173	30230	19.663	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	241784	101.359	ug/l	98
59) 2-Hexanone	11.194	43	180597	99.918	ug/l	98
61) Tetrachloroethene	11.100	164	35484	20.047	ug/l	88
62) Toluene	10.630	91	167102	19.603	ug/l	99
64) Chlorobenzene	11.888	112	107226	20.374	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	38942	19.821	ug/l	99
66) Ethyl Benzene	11.959	91	180830	19.992	ug/l	94
67) m/p-Xylenes	12.071	106	141848	40.773	ug/l	99
68) o-Xylene	12.394	106	66647	20.398	ug/l	97
69) Styrene	12.412	104	111932	20.189	ug/l	99
70) Isopropylbenzene	12.694	105	169768	20.146	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	52367	20.416	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	68868	27.180	ug/l	73
73) Bromobenzene	12.982	156	43360	20.542	ug/l	97
74) n-propylbenzene	13.035	91	204268	20.162	ug/l	99
75) 2-Chlorotoluene	13.123	91	125691	20.066	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	147652	20.451	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	17306	18.797	ug/l	98
78) 4-Chlorotoluene	13.218	91	127980	20.129	ug/l	100
79) tert-butylbenzene	13.435	119	118141	19.923	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	148267	20.790	ug/l	99
81) sec-Butylbenzene	13.612	105	169428	20.111	ug/l	98
82) p-Isopropyltoluene	13.729	119	142796	20.444	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	77972	20.134	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	77546	20.546	ug/l	99
85) n-Butylbenzene	14.053	91	115848	19.773	ug/l	99
86) Hexachloroethane	14.329	117	28941	20.814	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	74498	20.380	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10280	20.062	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	34875	19.481	ug/l	96
90) Hexachlorobutadiene	15.500	225	18191	19.555	ug/l	96
91) Naphthalene	15.641	128	107788	19.380	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34875	19.481	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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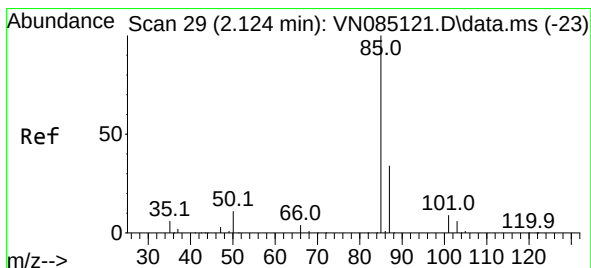
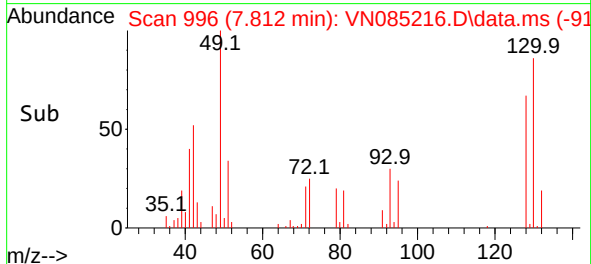
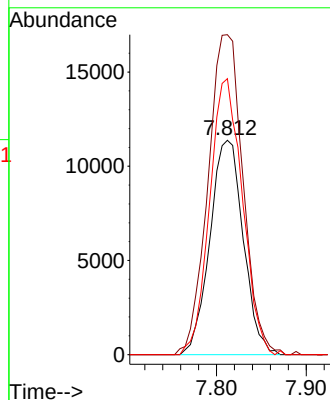
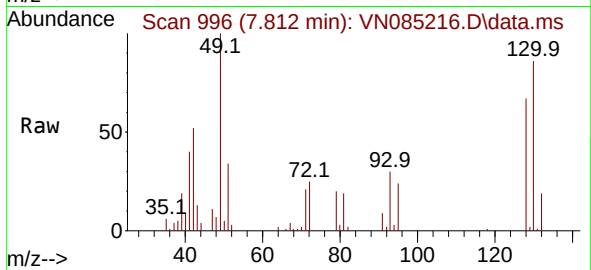




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

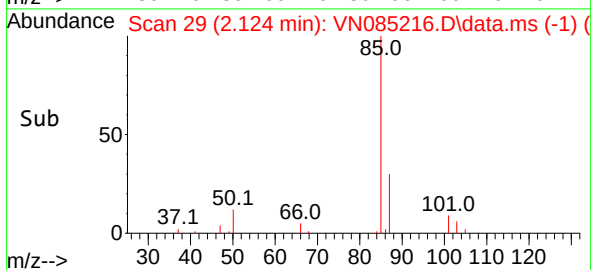
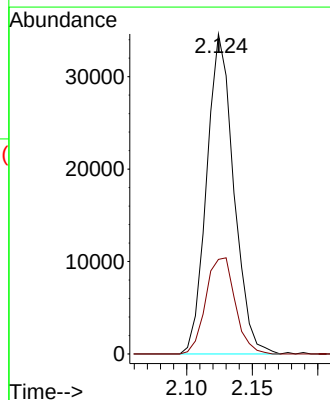
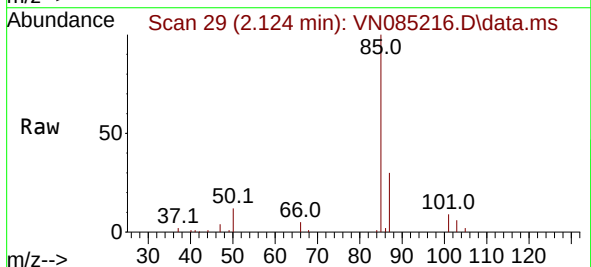
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MSVOA_N
ClientSampleId :

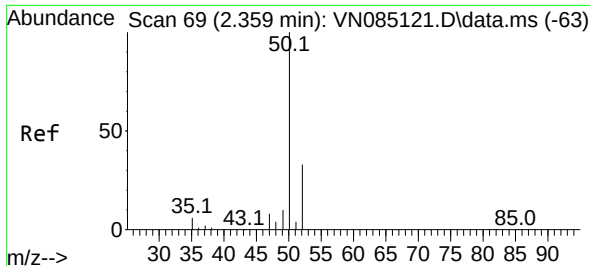
Tgt Ion:128 Resp: 29360
Ion Ratio Lower Upper
128 100
49 156.7 0.0 394.5
130 126.4 0.0 316.5



#2
Dichlorodifluoromethane
Concen: 21.179 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 85 Resp: 49748
Ion Ratio Lower Upper
85 100
87 29.6 16.8 50.3

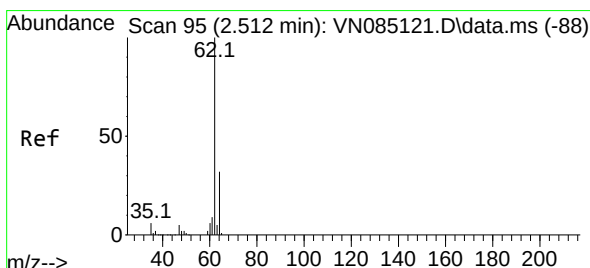
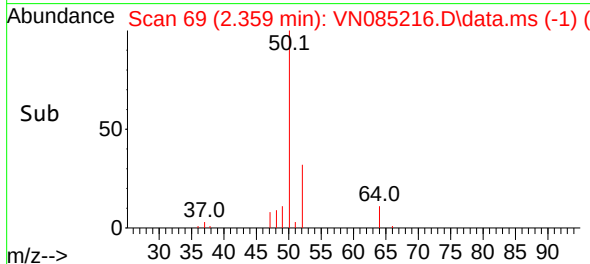
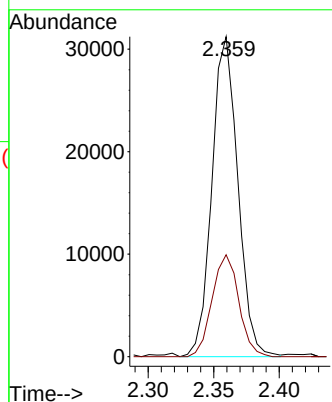
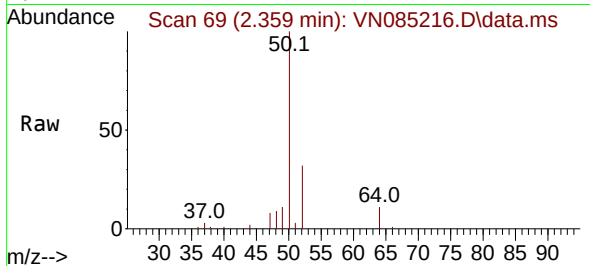




#3
Chloromethane
Concen: 20.658 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

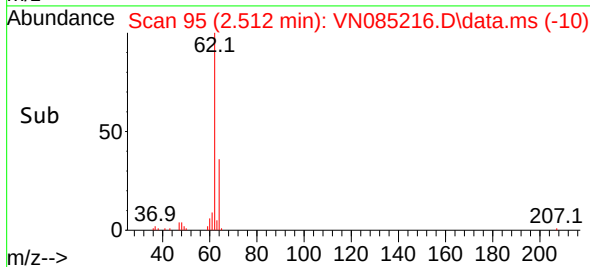
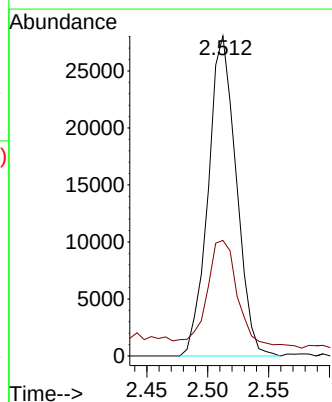
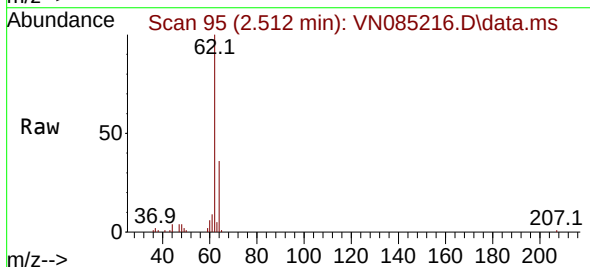
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ClientSampleId :

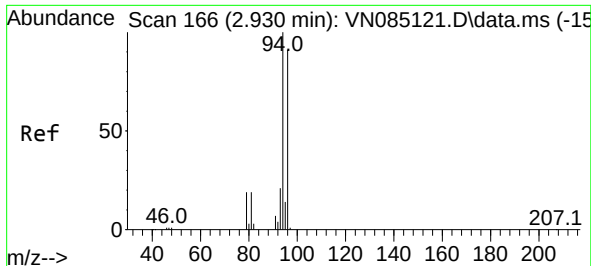
Tgt Ion: 50 Resp: 42949
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4



#4
Vinyl Chloride
Concen: 21.156 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 62 Resp: 44990
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3

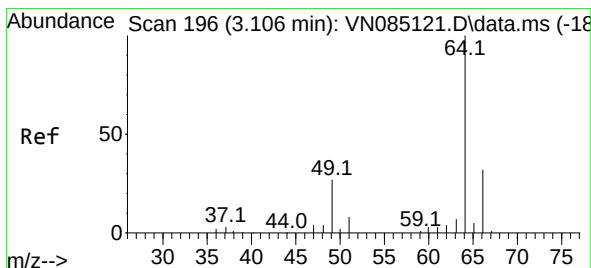
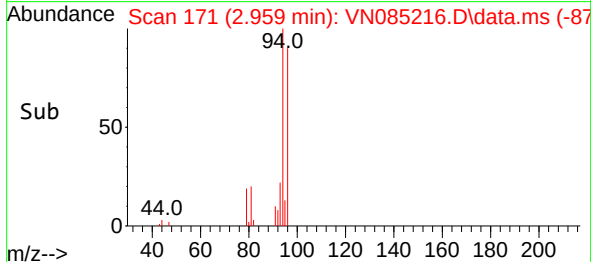
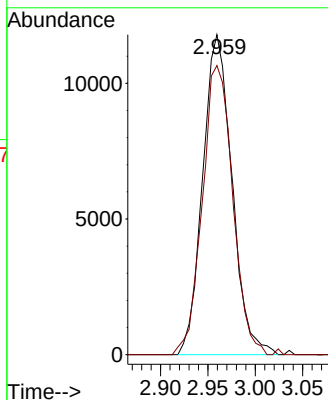
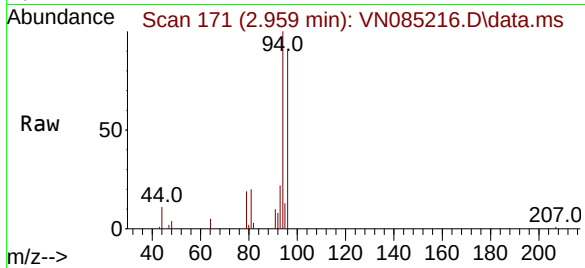




#5
Bromomethane
Concen: 18.777 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

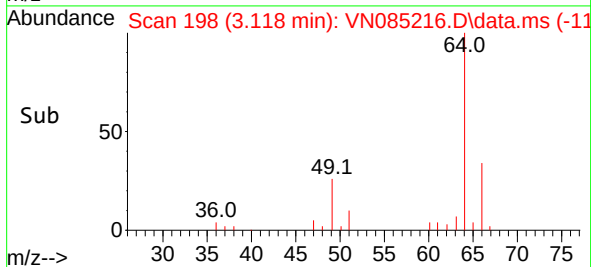
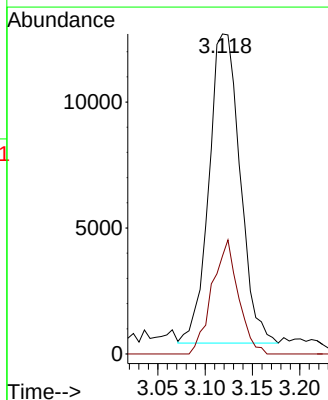
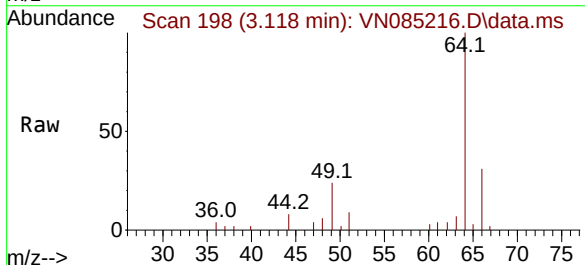
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MSVOA_N
ClientSampleId :

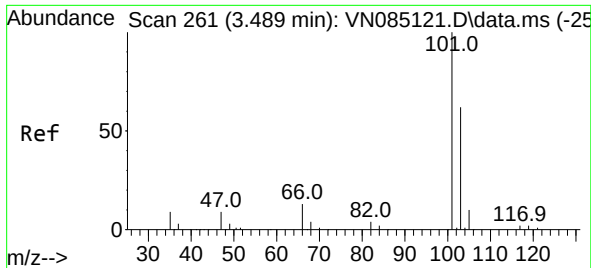
Tgt Ion: 94 Resp: 25352
Ion Ratio Lower Upper
94 100
96 88.5 76.2 114.4



#6
Chloroethane
Concen: 21.499 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

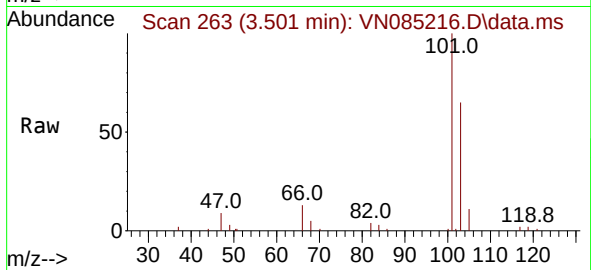
Tgt Ion: 64 Resp: 28088
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3



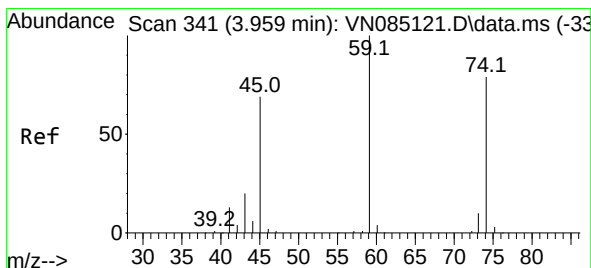
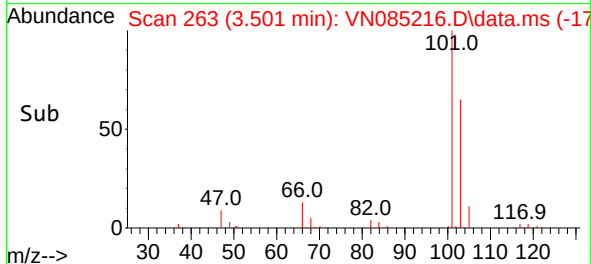
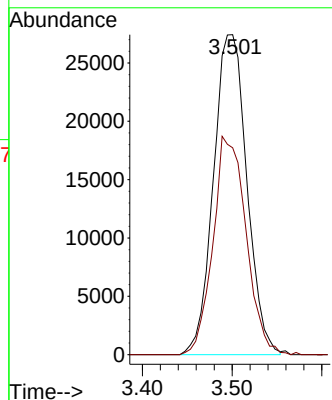


#7
Trichlorofluoromethane
Concen: 20.361 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Instrument :
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ClientSampleId :

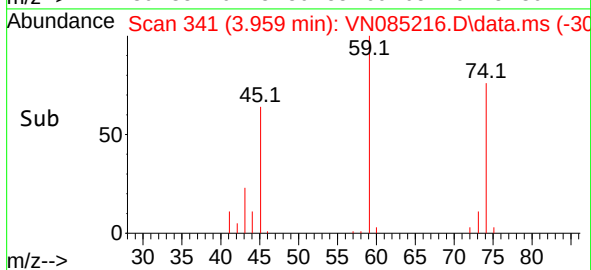
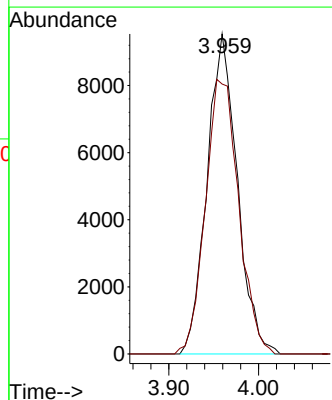
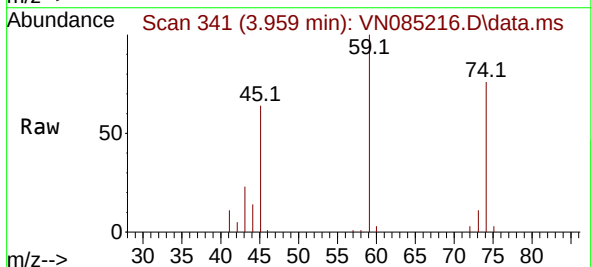


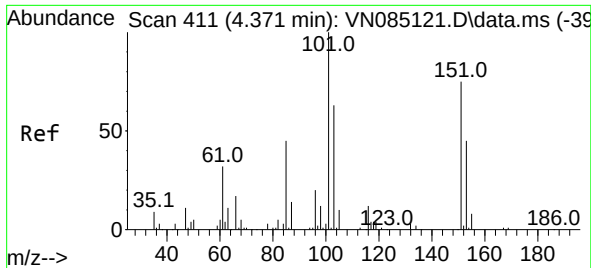
Tgt Ion:101 Resp: 70874
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9



#8
Diethyl Ether
Concen: 20.263 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 74 Resp: 22341
Ion Ratio Lower Upper
74 100
45 94.3 18.6 167.8

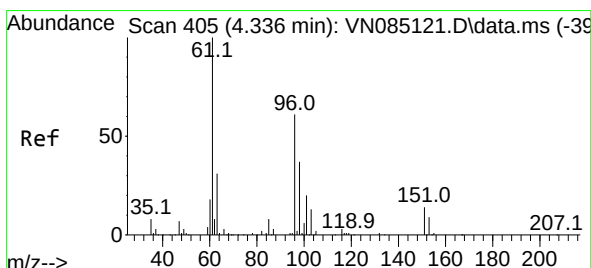
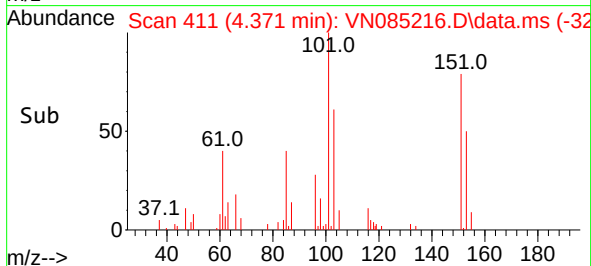
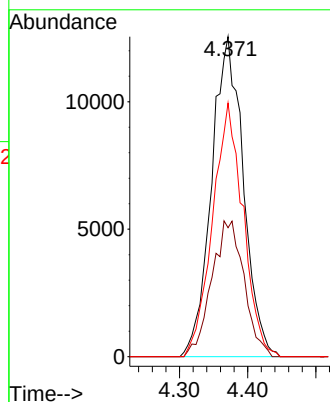
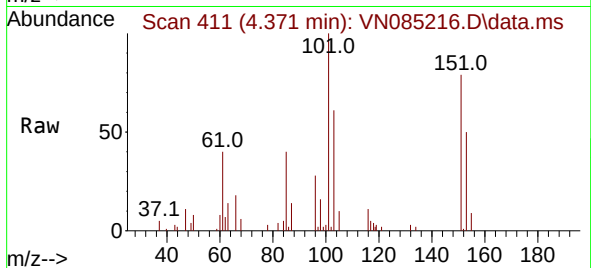




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.901 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

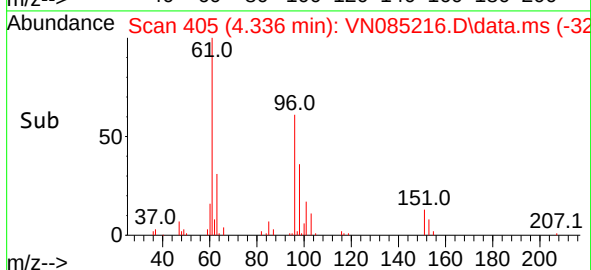
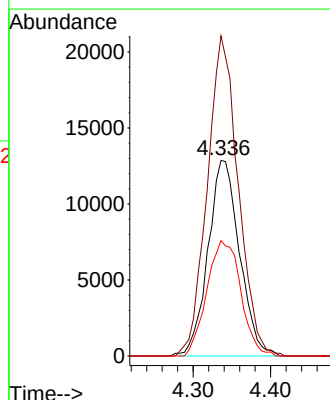
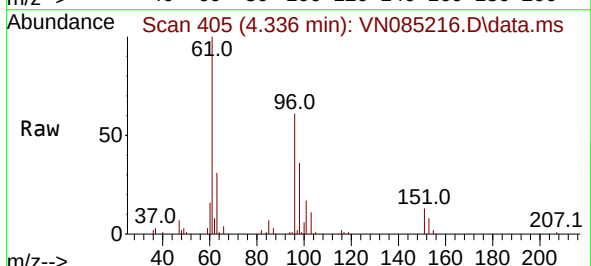
Instrument :
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 ClientSampleId :

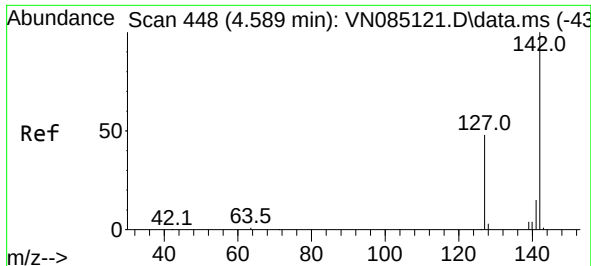
Tgt Ion:101 Resp: 40686
 Ion Ratio Lower Upper
 101 100
 85 43.3 0.0 88.6
 151 76.1 0.0 155.8



#10
 1,1-Dichloroethene
 Concen: 20.266 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

Tgt Ion: 96 Resp: 36236
 Ion Ratio Lower Upper
 96 100
 61 162.2 123.0 184.4
 98 59.0 49.1 73.7

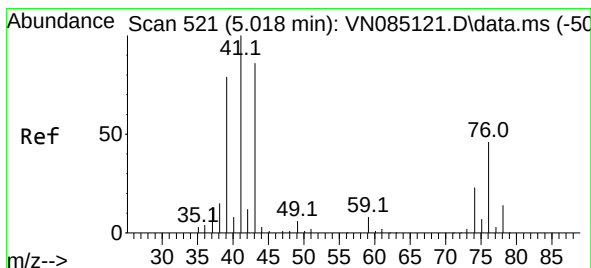
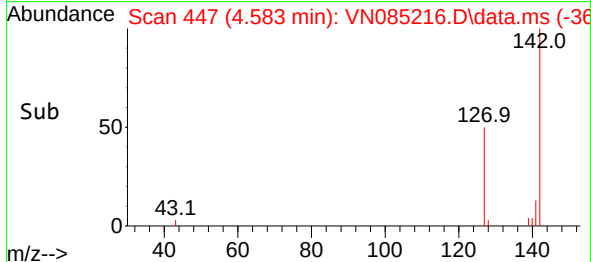
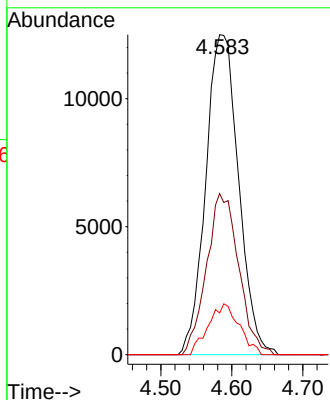
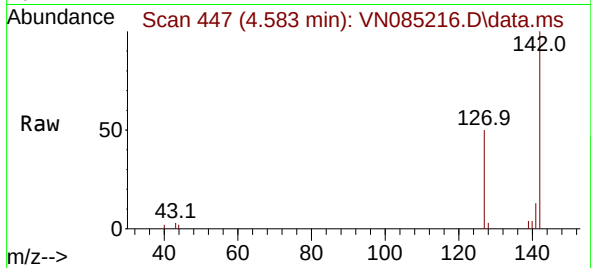




#11
Methyl Iodide
Concen: 16.205 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

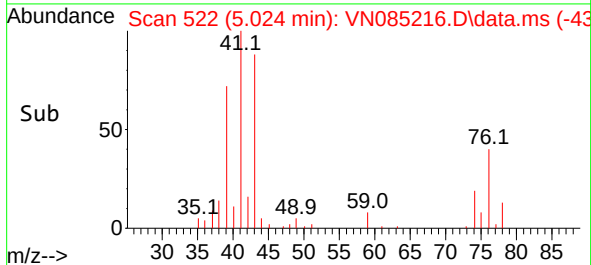
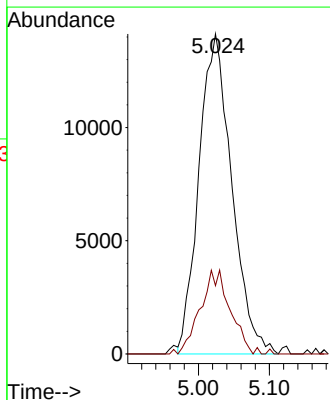
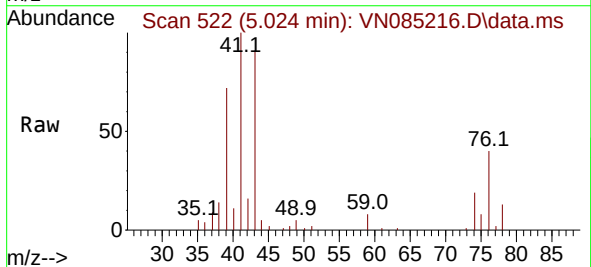
Instrument :
MSVOA_N
ClientSampleId :

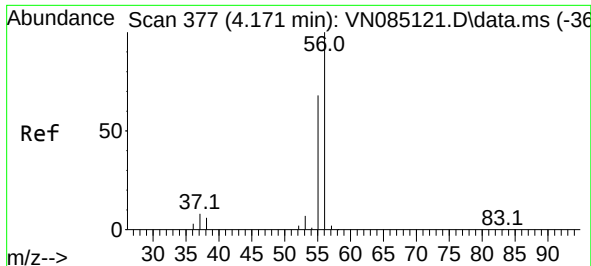
Tgt Ion:142 Resp: 40185
Ion Ratio Lower Upper
142 100
127 50.3 22.5 67.5
141 13.1 8.3 24.9



#12
Methyl Acetate
Concen: 21.532 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 43 Resp: 45420
Ion Ratio Lower Upper
43 100
74 21.6 19.8 29.6





#13

Acrolein

Concen: 110.222 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

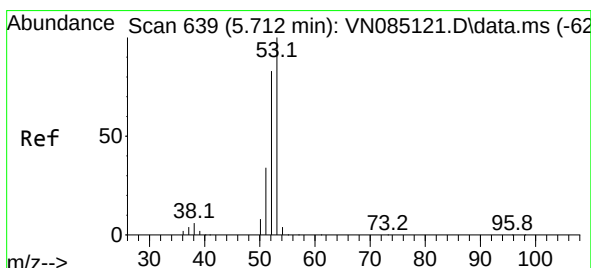
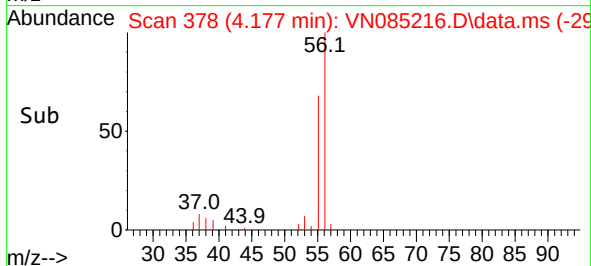
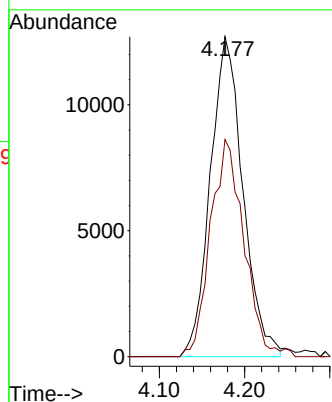
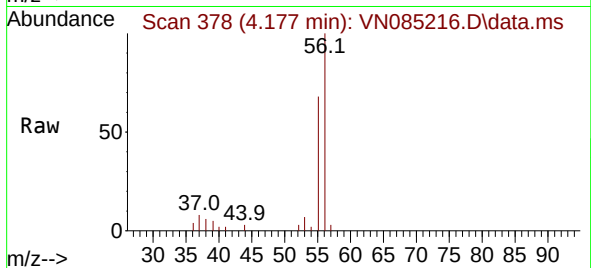
ClientSampleId :

Tgt Ion: 56 Resp: 33787

Ion Ratio Lower Upper

56 100

55 68.5 59.4 89.0



#14

Acrylonitrile

Concen: 103.071 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

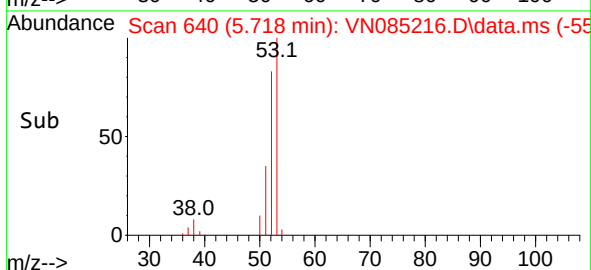
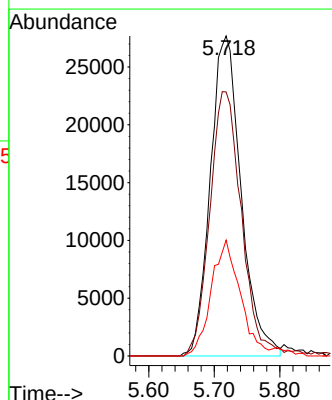
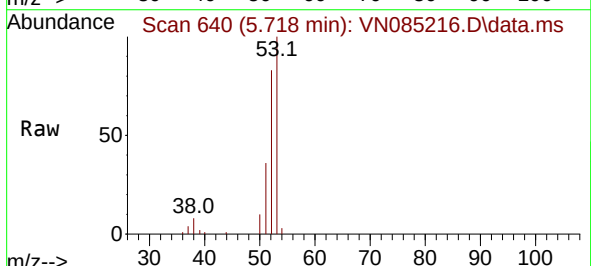
Tgt Ion: 53 Resp: 90277

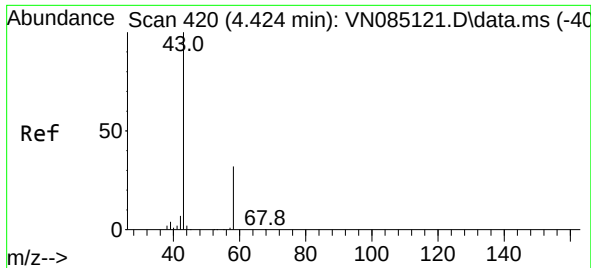
Ion Ratio Lower Upper

53 100

52 84.4 42.9 128.5

51 34.1 17.2 51.5





#15

Acetone

Concen: 118.123 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

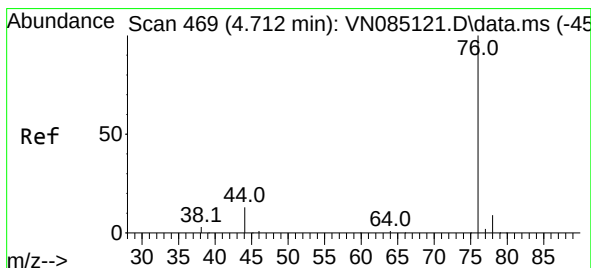
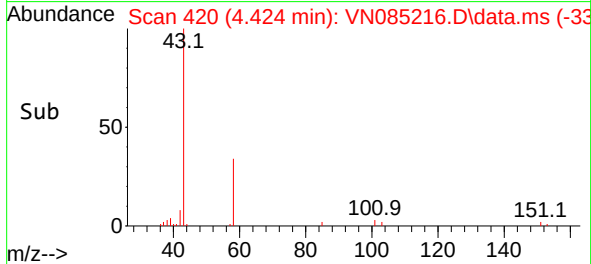
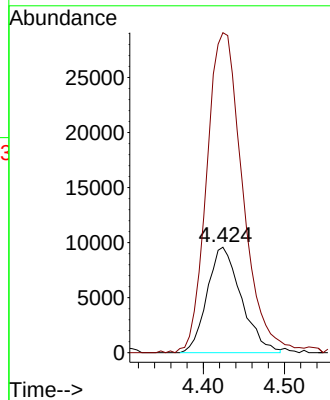
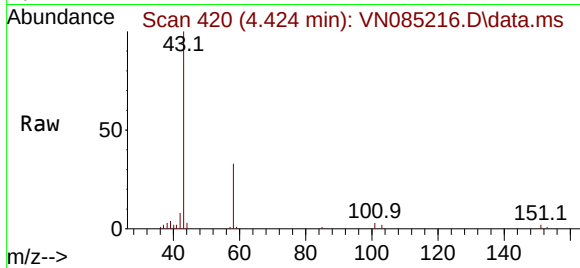
ClientSampleId :

Tgt Ion: 58 Resp: 28037

Ion Ratio Lower Upper

58 100

43 299.4 242.3 363.5



#16

Carbon Disulfide

Concen: 19.886 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085216.D

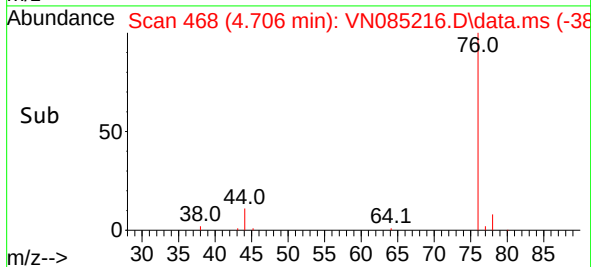
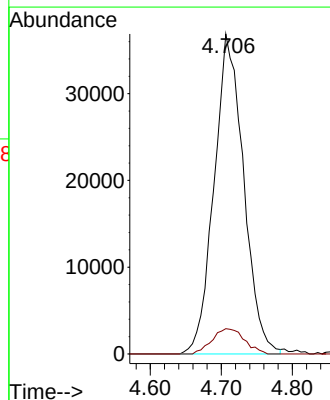
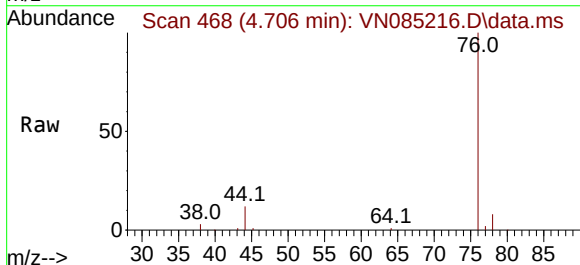
Acq: 16 Dec 2024 16:33

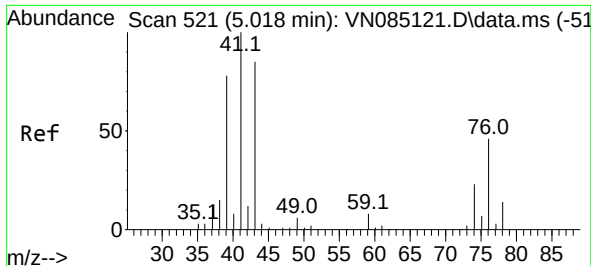
Tgt Ion: 76 Resp: 106280

Ion Ratio Lower Upper

76 100

78 7.9 7.1 10.7





#17

Allyl chloride

Concen: 19.485 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN085216.D

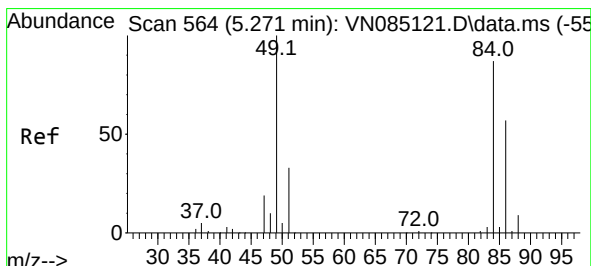
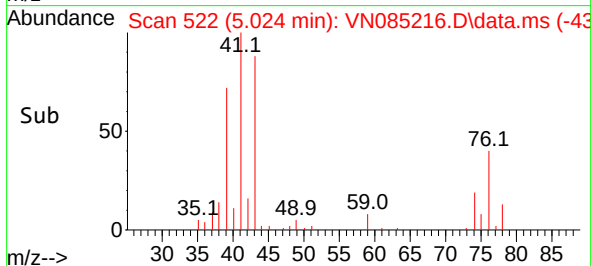
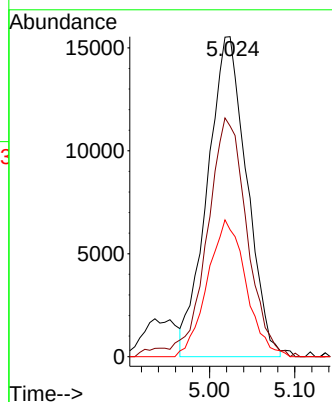
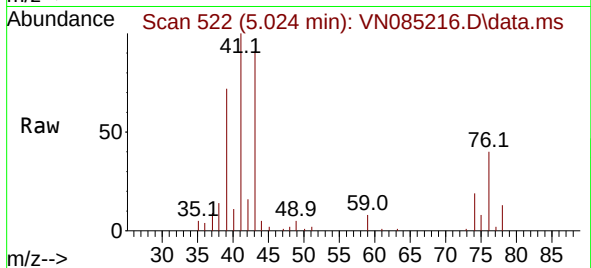
Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41	Resp: 49851
Ion Ratio	Lower Upper
41 100	
39 71.4	32.0 96.2
76 38.5	20.2 60.5



#18

Methylene Chloride

Concen: 19.149 ug/l

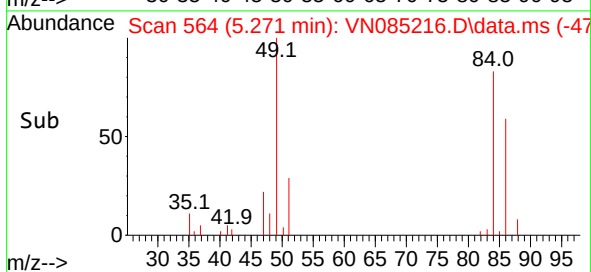
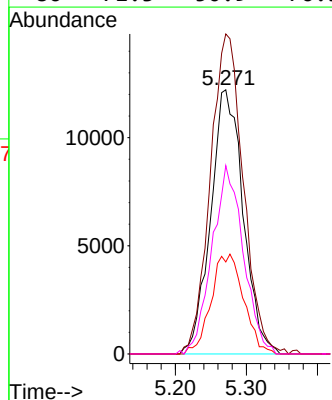
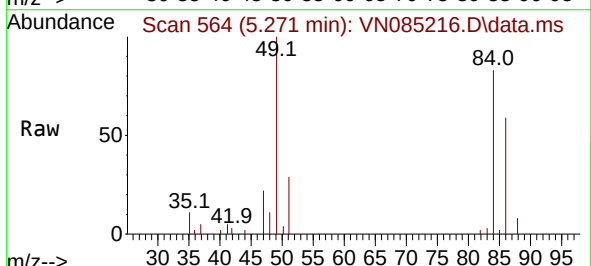
RT: 5.271 min Scan# 564

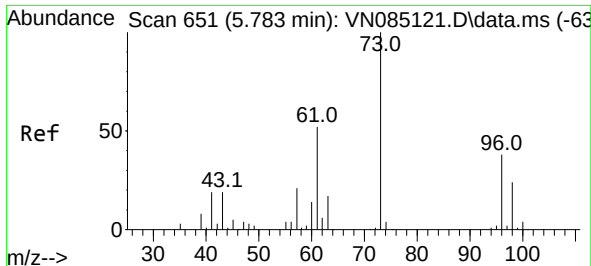
Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Tgt Ion: 84	Resp: 38850
Ion Ratio	Lower Upper
84 100	
49 121.1	95.1 142.7
51 34.8	27.4 41.0
86 71.3	50.9 76.3





#19

trans-1,2-Dichloroethene

Concen: 20.087 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

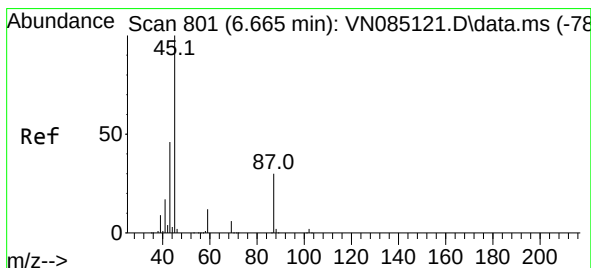
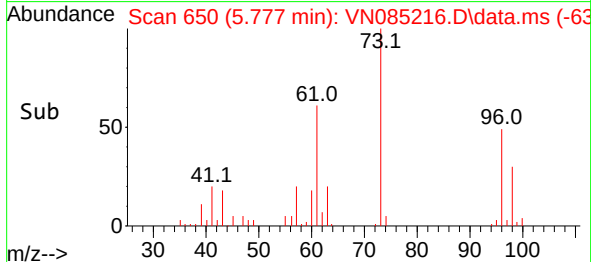
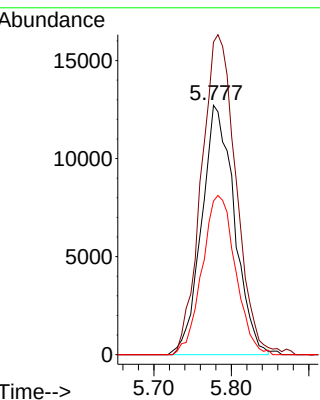
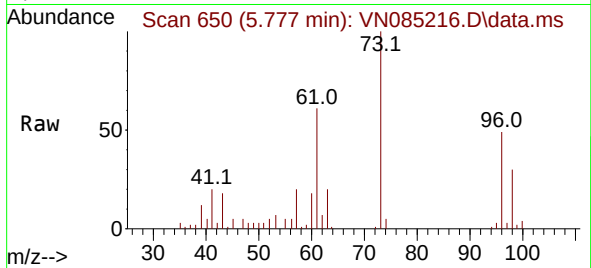
Tgt Ion: 96 Resp: 37332

Ion Ratio Lower Upper

96 100

61 125.4 100.4 150.6

98 61.6 52.6 79.0



#20

Diisopropyl ether

Concen: 20.042 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Tgt Ion: 45 Resp: 112534

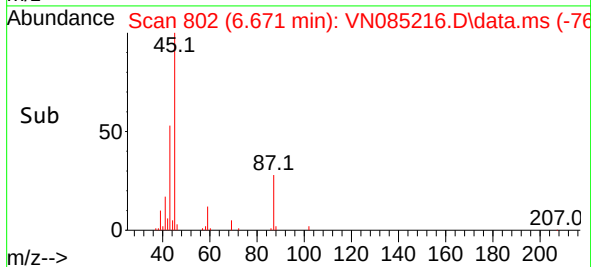
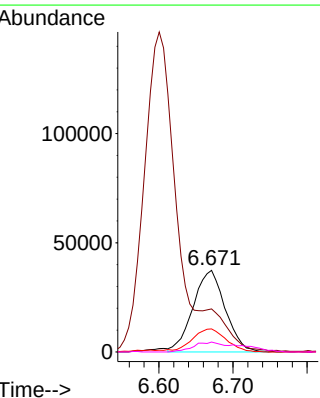
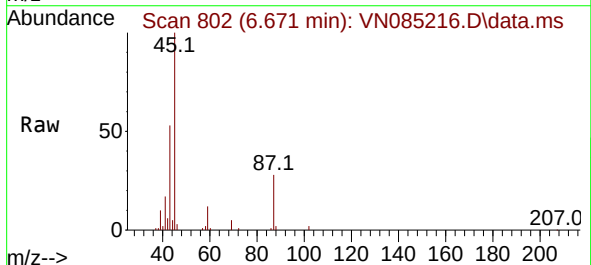
Ion Ratio Lower Upper

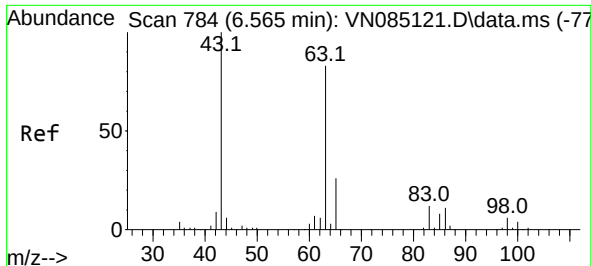
45 100

43 51.2 41.9 62.9

87 28.2 24.1 36.1

59 12.1 10.0 15.0

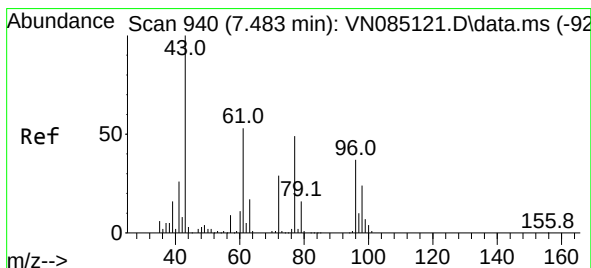
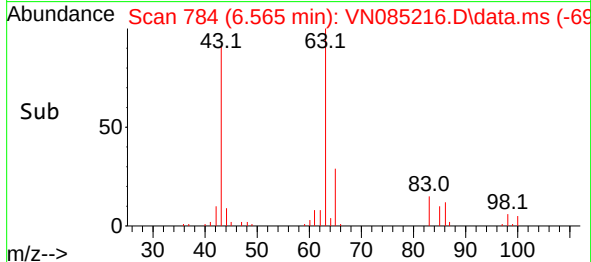
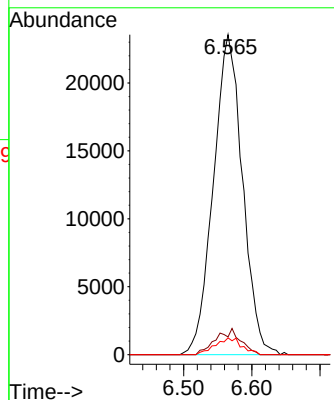
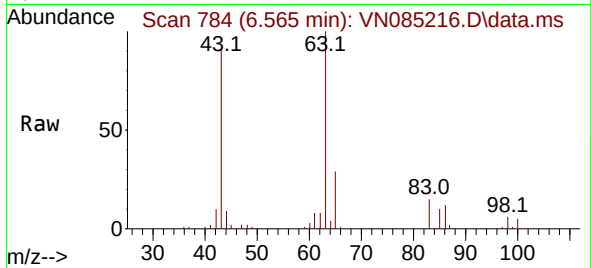




#21
1,1-Dichloroethane
Concen: 20.181 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

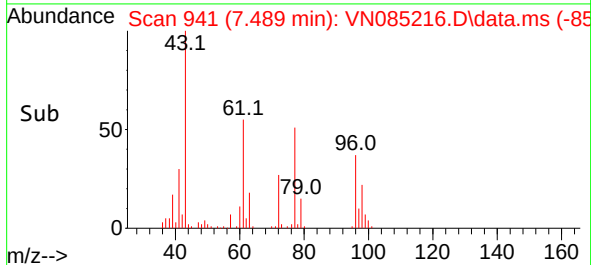
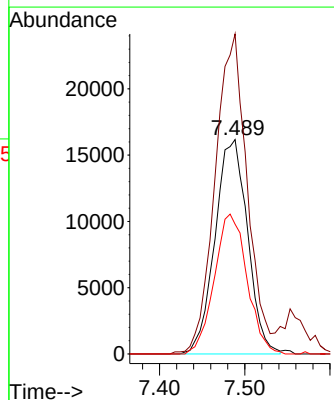
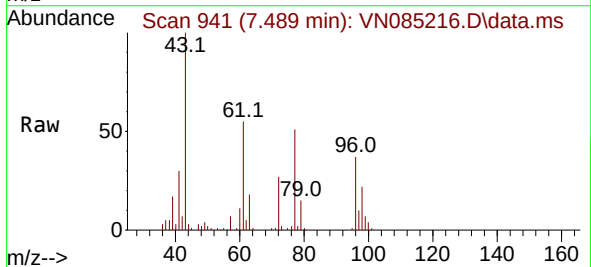
Instrument :
MSVOA_N
ClientSampleId :

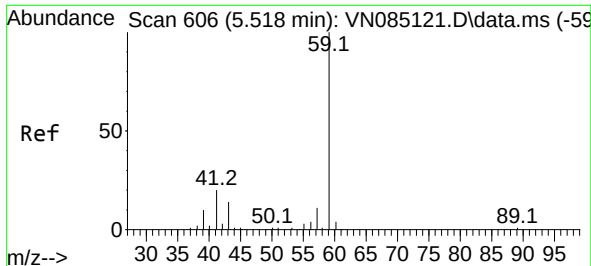
Tgt Ion: 63 Resp: 69939
Ion Ratio Lower Upper
63 100
98 5.5 3.5 10.4
100 5.3 1.6 4.8#



#22
cis-1,2-Dichloroethene
Concen: 20.118 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 96 Resp: 42975
Ion Ratio Lower Upper
96 100
61 146.1 115.9 173.9
98 65.5 51.8 77.8

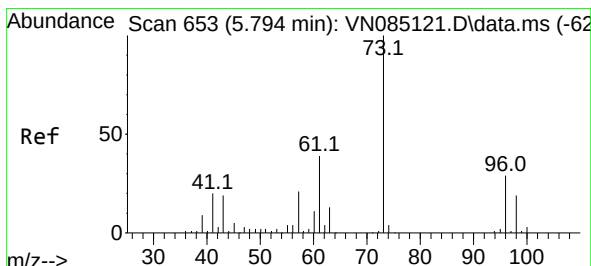
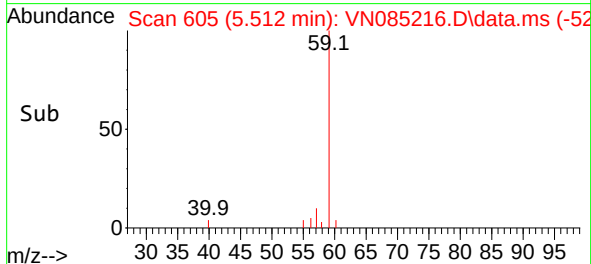
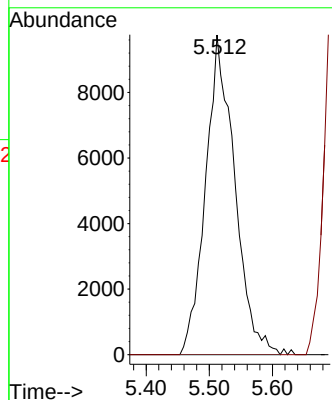
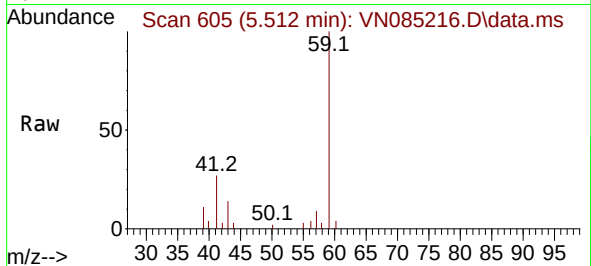




#23
tert-Butyl Alcohol
Concen: 99.351 ug/l
RT: 5.512 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

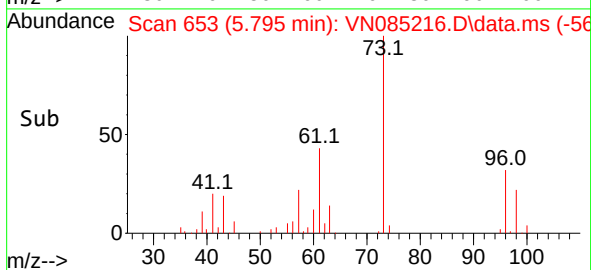
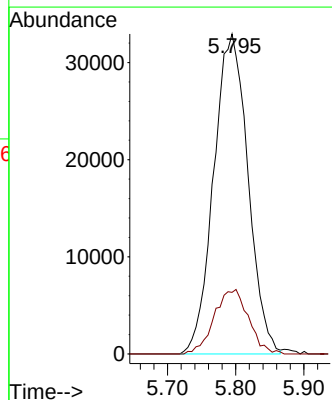
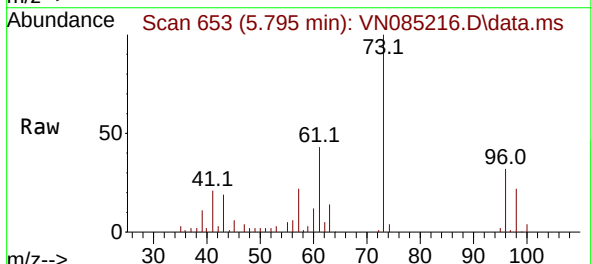
Instrument :
MSVOA_N
ClientSampleId :

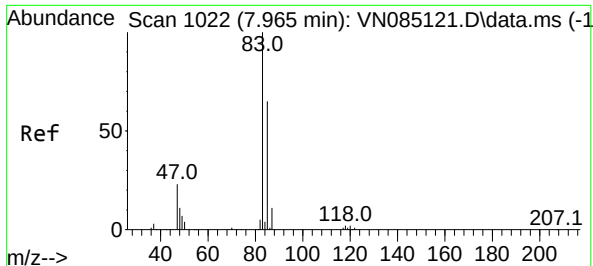
Tgt Ion: 59 Resp: 31217
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.646 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 73 Resp: 115332
Ion Ratio Lower Upper
73 100
43 20.0 8.7 13.1#





#25

Chloroform

Concen: 20.586 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

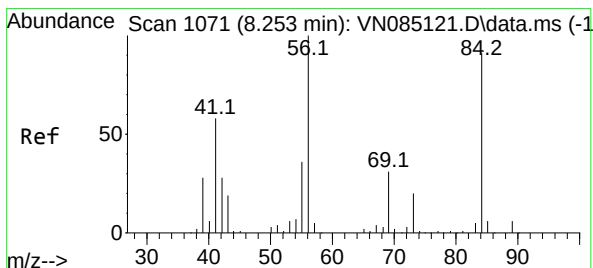
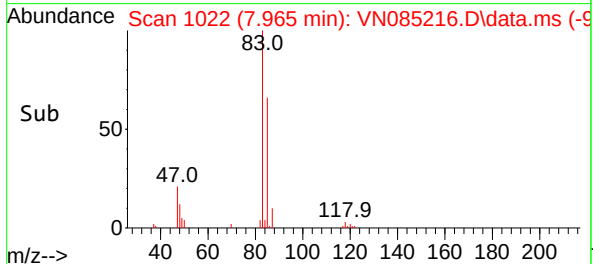
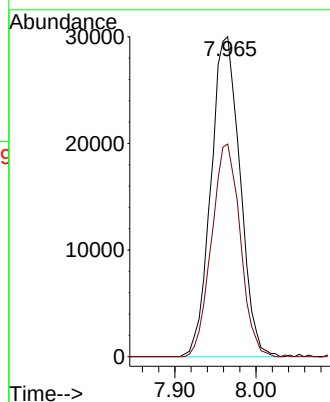
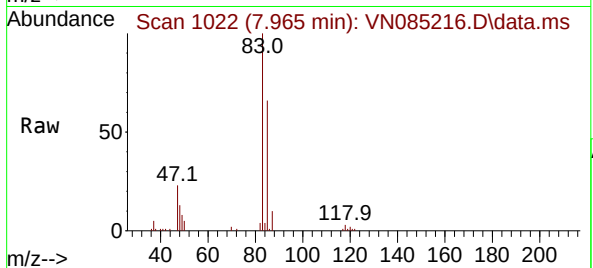
ClientSampleId :

Tgt Ion: 83 Resp: 74737

Ion Ratio Lower Upper

83 100

85 66.4 49.4 74.0



#26

Cyclohexane

Concen: 19.513 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

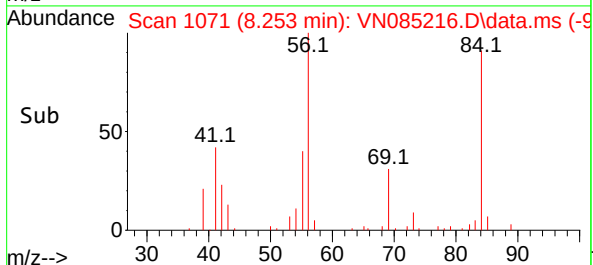
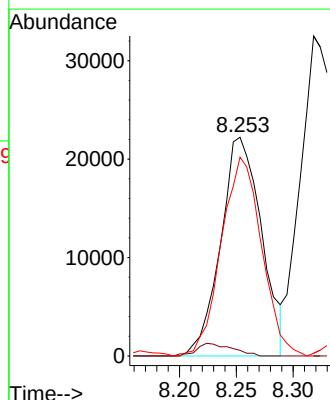
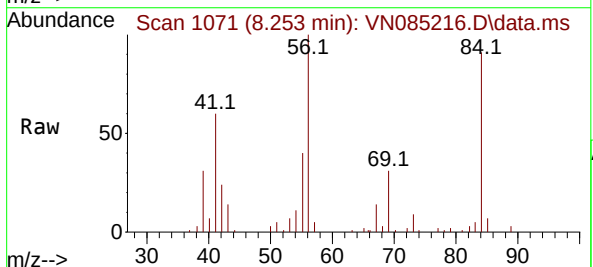
Tgt Ion: 56 Resp: 55678

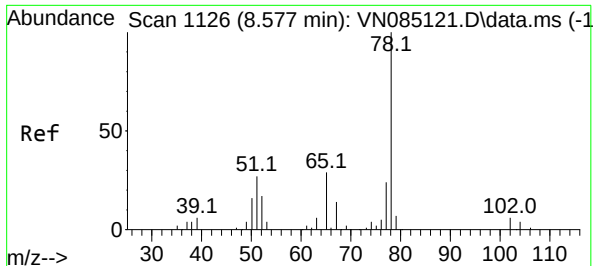
Ion Ratio Lower Upper

56 100

89 4.8 19.5 29.3#

84 89.5 70.6 105.8

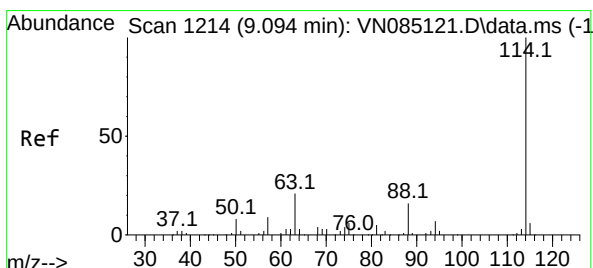
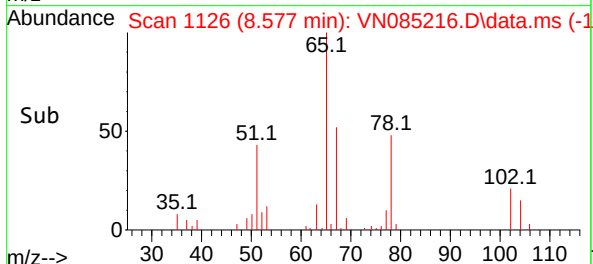
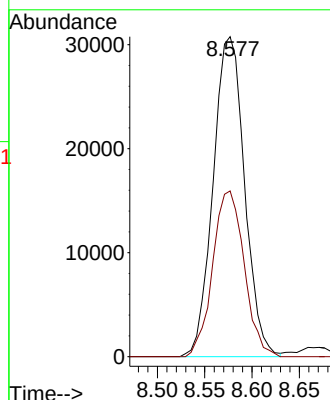
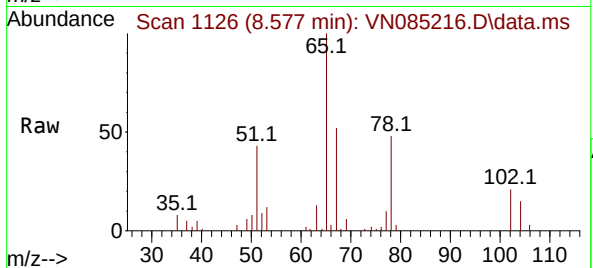




#27
 1,2-Dichloroethane-d4
 Concen: 30.486 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

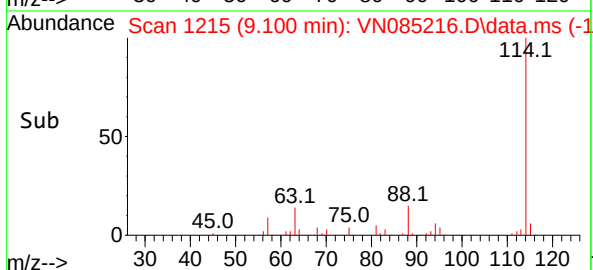
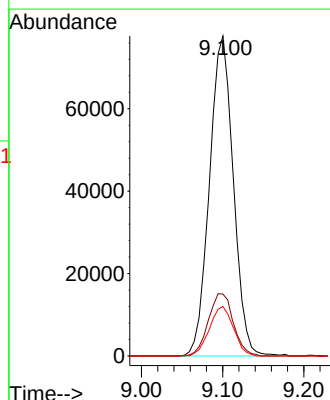
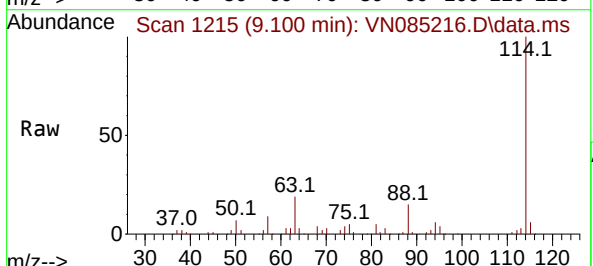
Instrument :
 MSVOA_N
 ClientSampleId :

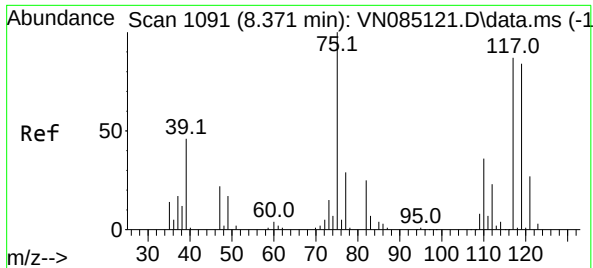
Tgt Ion: 65 Resp: 71020
 Ion Ratio Lower Upper
 65 100
 67 51.9 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

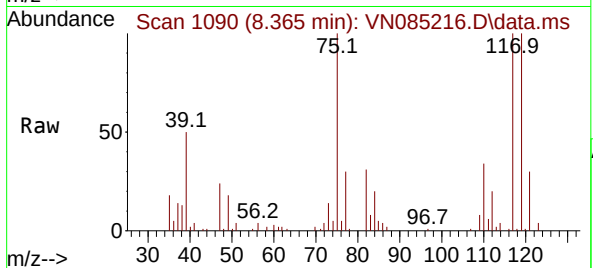
Tgt Ion: 114 Resp: 158547
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.2 24.2
 88 15.6 12.5 18.7



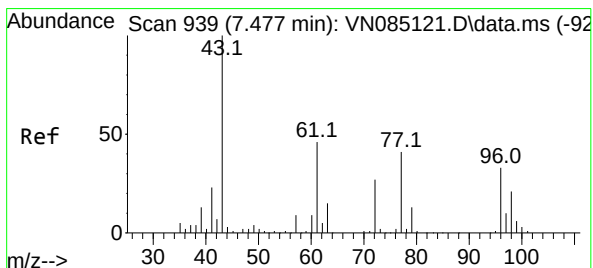
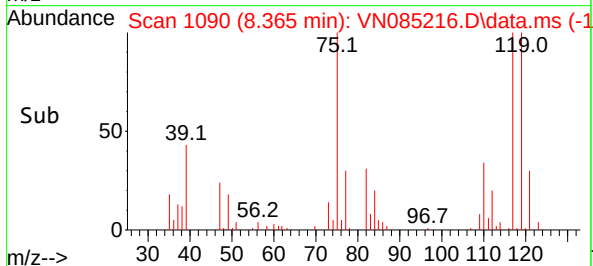
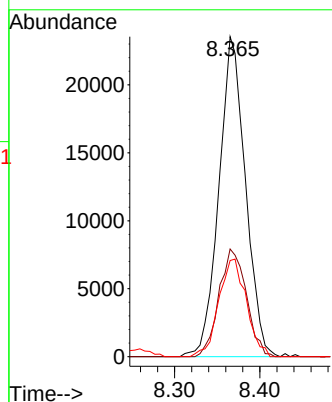


#29
1,1-Dichloropropene
Concen: 19.952 ug/l
RT: 8.365 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

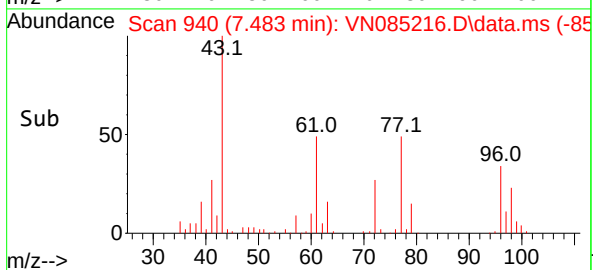
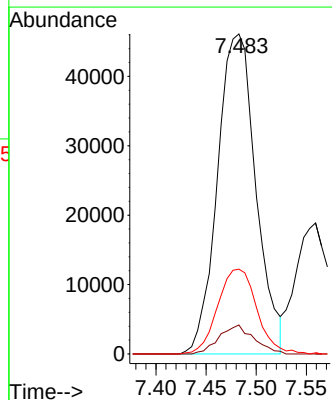
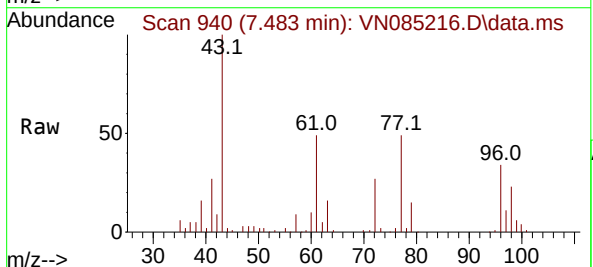


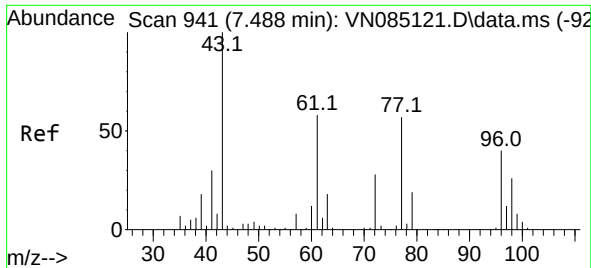
Tgt Ion:	75	Resp:	51044
Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	71.6
77	31.7	0.0	62.2



#30
2-Butanone
Concen: 104.700 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion:	43	Resp:	122922
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.9	10.3
72	26.9	21.8	32.8

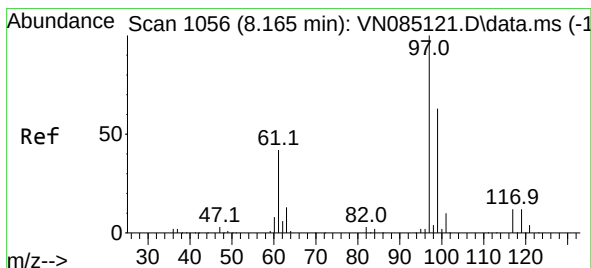
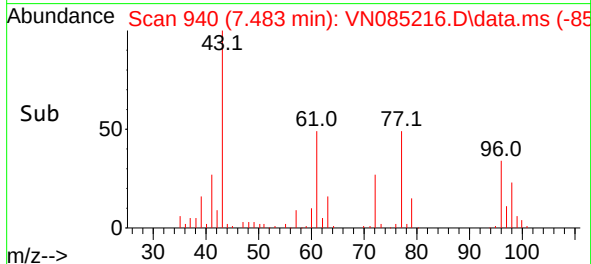
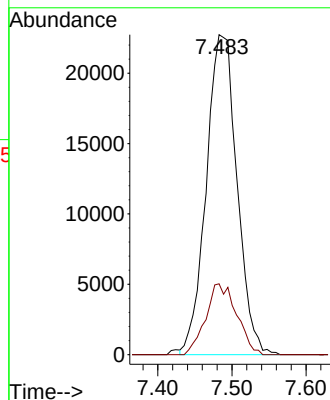
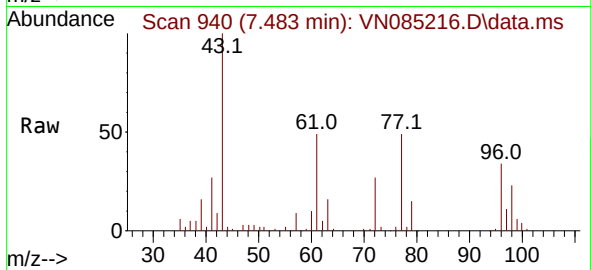




#31
2,2-Dichloropropane
Concen: 20.016 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

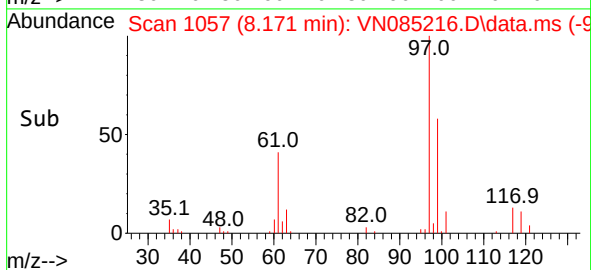
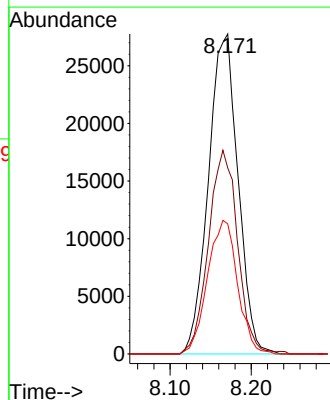
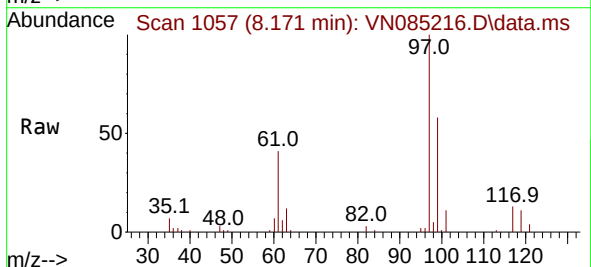
Instrument :
MSVOA_N
ClientSampleId :

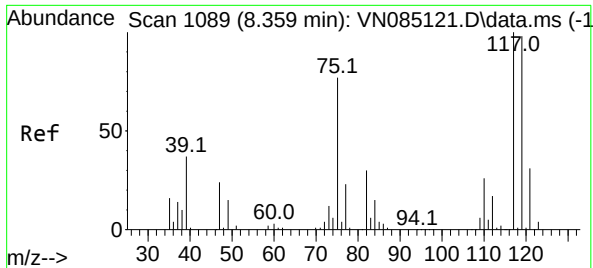
Tgt Ion: 77 Resp: 65668
Ion Ratio Lower Upper
77 100
97 22.2 0.0 0.0#



#32
1,1,1-Trichloroethane
Concen: 20.352 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

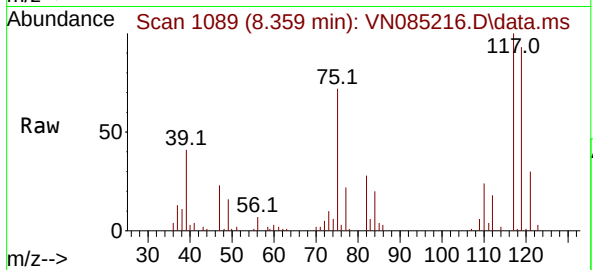
Tgt Ion: 97 Resp: 70477
Ion Ratio Lower Upper
97 100
99 62.4 50.8 76.2
61 42.3 32.7 49.1



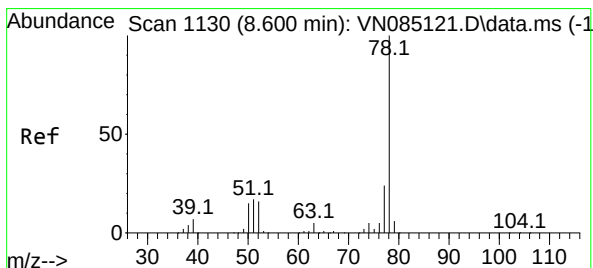
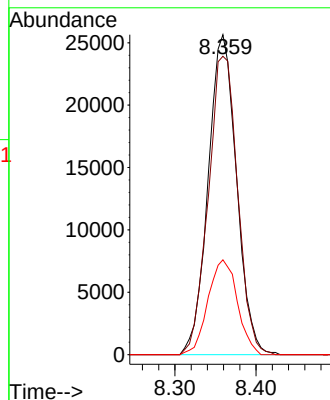
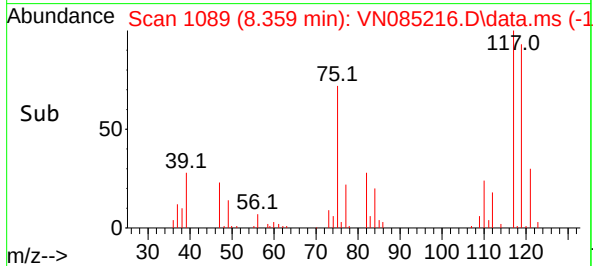


#33
Carbon Tetrachloride
Concen: 19.971 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

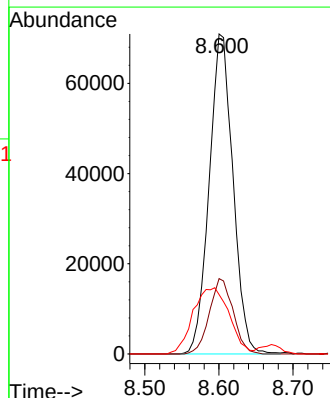
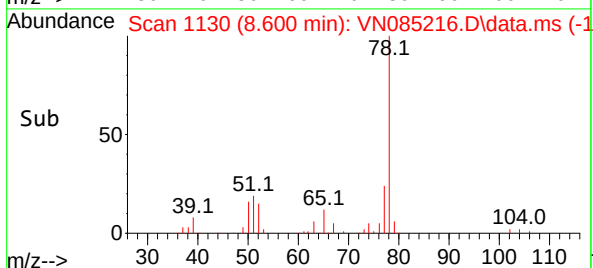
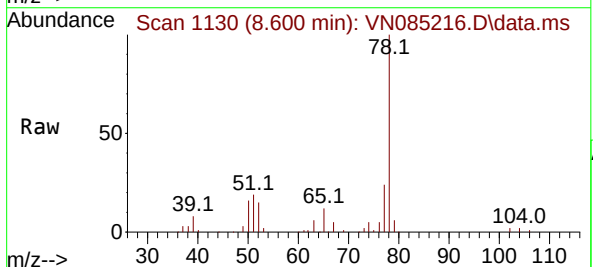


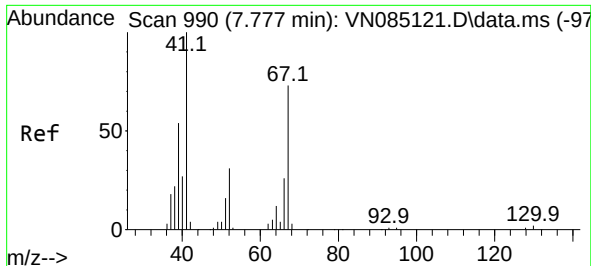
Tgt Ion:117 Resp: 62403
Ion Ratio Lower Upper
117 100
119 93.2 81.6 122.4
121 29.7 26.5 39.7



#34
Benzene
Concen: 19.668 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 78 Resp: 158070
Ion Ratio Lower Upper
78 100
77 23.6 18.0 27.0
51 16.7 12.4 18.6



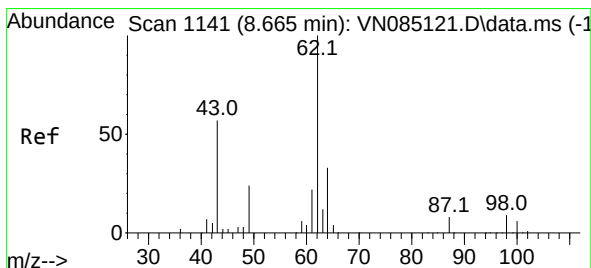
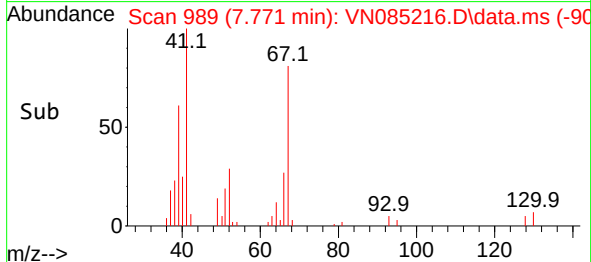
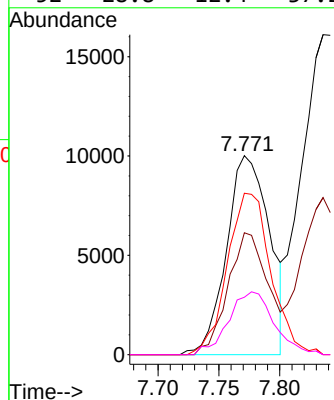
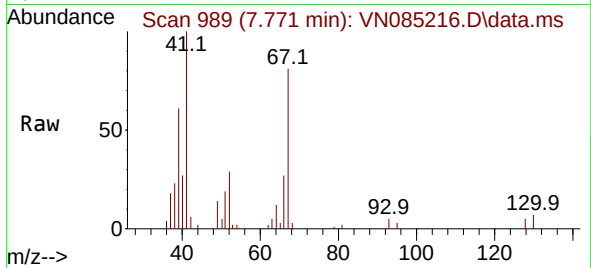


#35
Methacrylonitrile
Concen: 18.649 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 24639

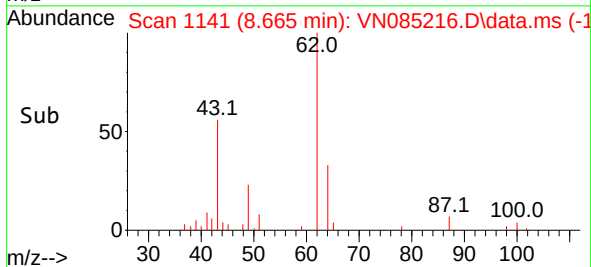
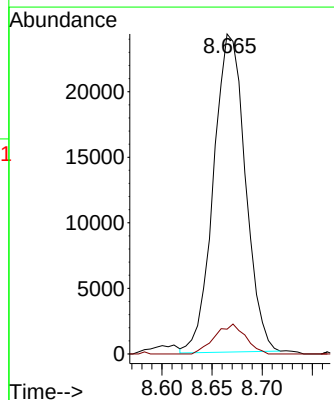
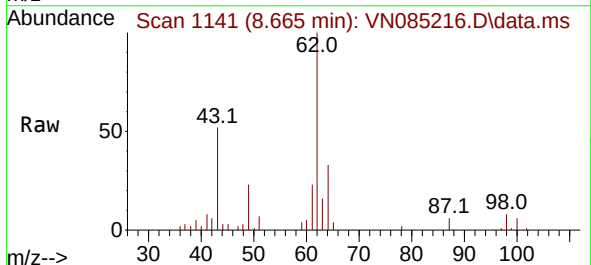
Ion	Ratio	Lower	Upper
41	100		
39	61.3	24.4	73.2
67	81.1	37.0	110.9
52	28.8	12.4	37.2

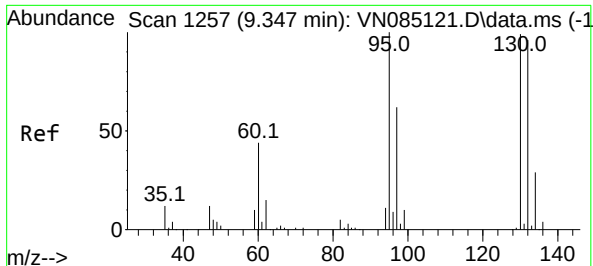


#36
1,2-Dichloroethane
Concen: 19.608 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 62 Resp: 53647

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.3	10.9





#37

Trichloroethene

Concen: 19.715 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

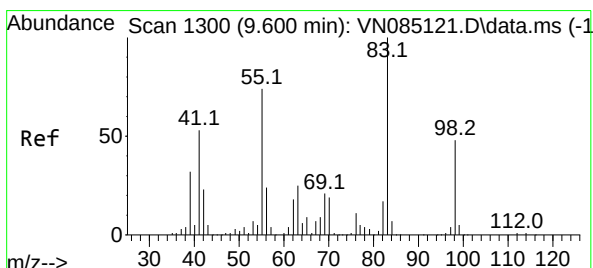
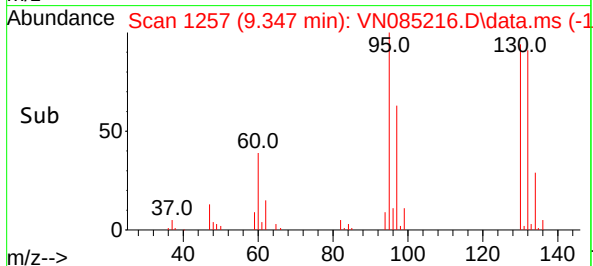
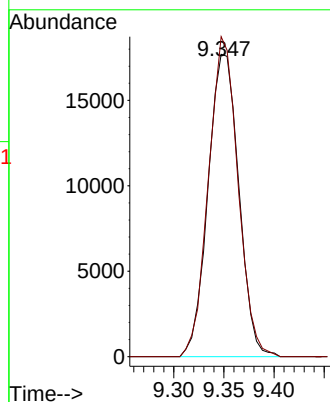
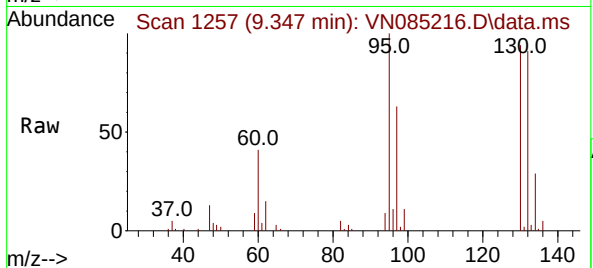
ClientSampleId :

Tgt Ion:130 Resp: 37732

Ion Ratio Lower Upper

130 100

95 105.8 76.2 114.4



#38

Methylcyclohexane

Concen: 19.104 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

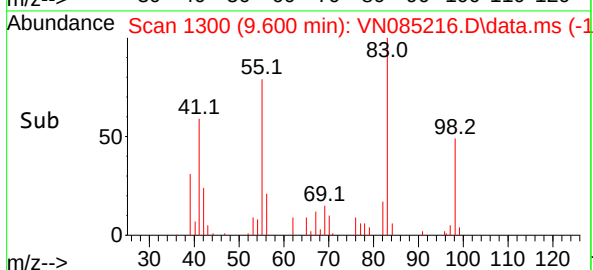
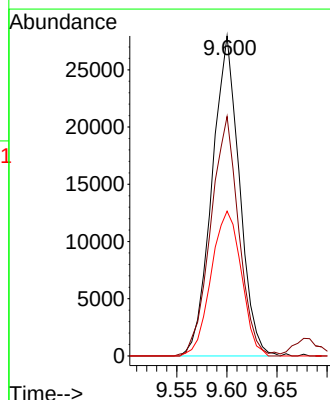
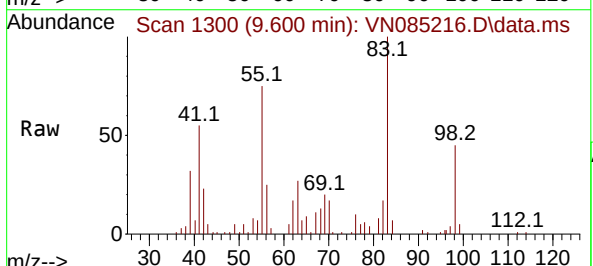
Tgt Ion: 83 Resp: 53143

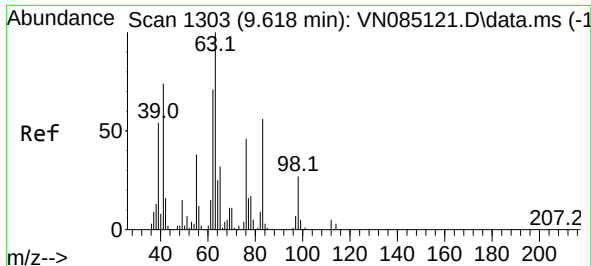
Ion Ratio Lower Upper

83 100

55 76.7 41.4 124.4

98 49.8 25.7 77.1

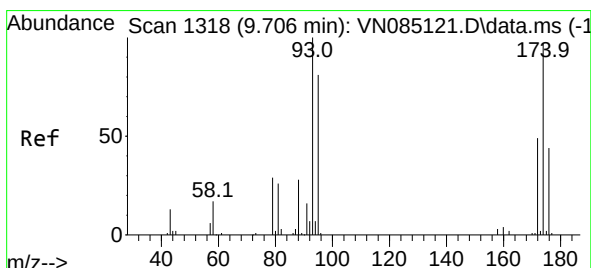
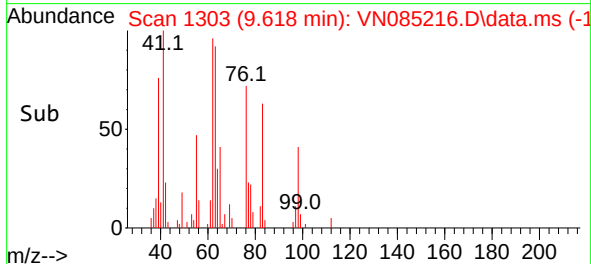
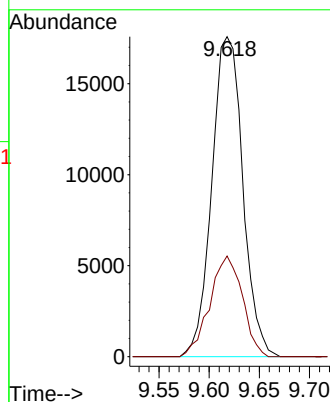
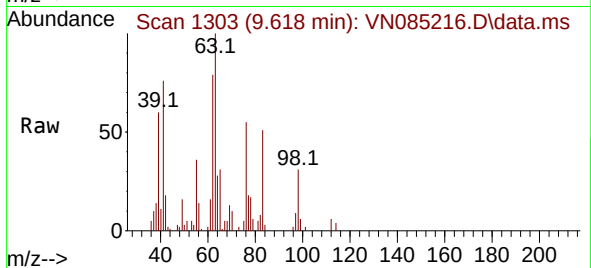




#39
1,2-Dichloropropane
Concen: 19.424 ug/l
RT: 9.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

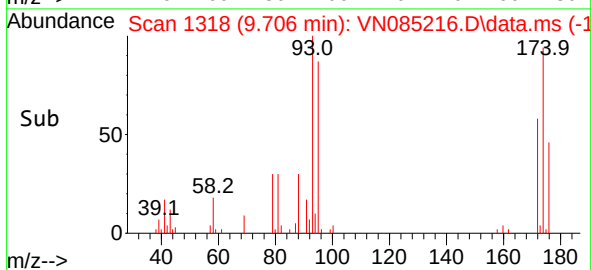
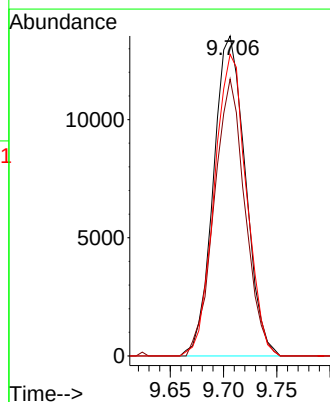
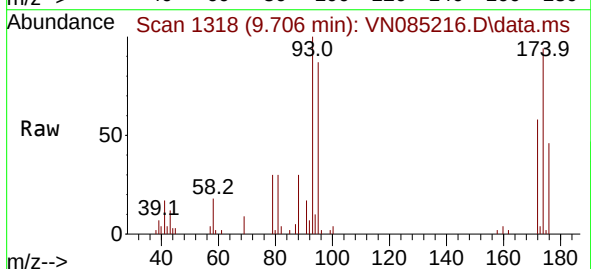
Instrument :
MSVOA_N
ClientSampleId :

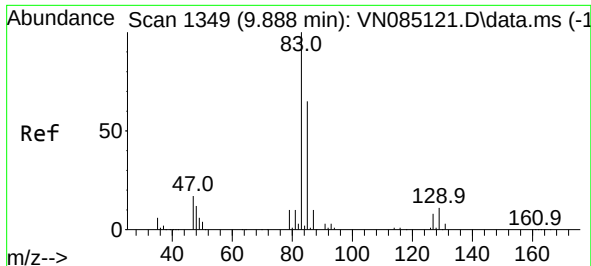
Tgt Ion: 63 Resp: 37813
Ion Ratio Lower Upper
63 100
65 31.5 23.4 35.0



#40
Dibromomethane
Concen: 20.246 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 93 Resp: 28271
Ion Ratio Lower Upper
93 100
95 83.3 0.0 169.4
174 94.1 0.0 189.8

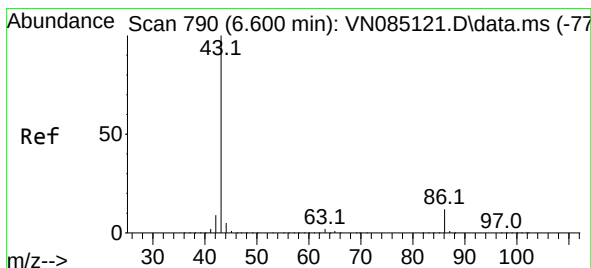
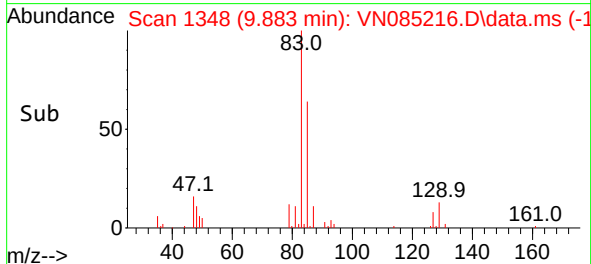
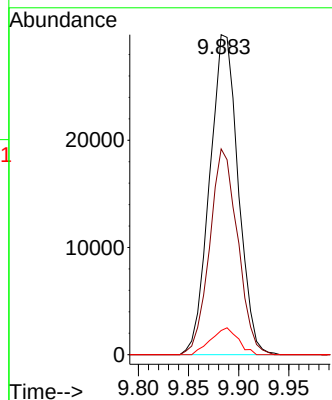
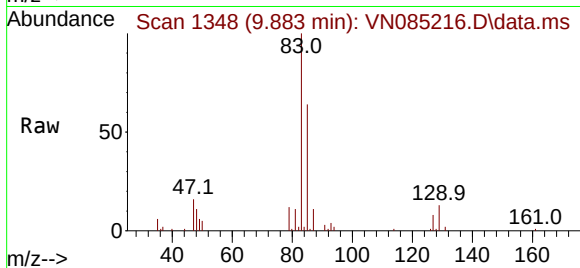




#41
Bromodichloromethane
Concen: 19.780 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

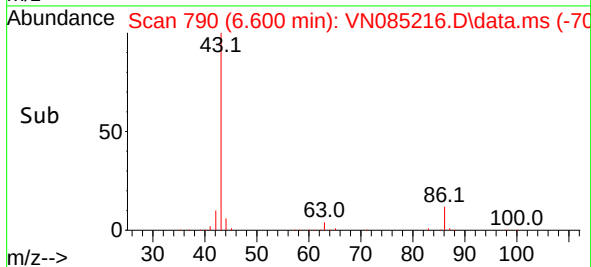
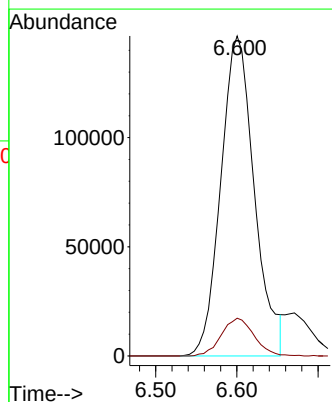
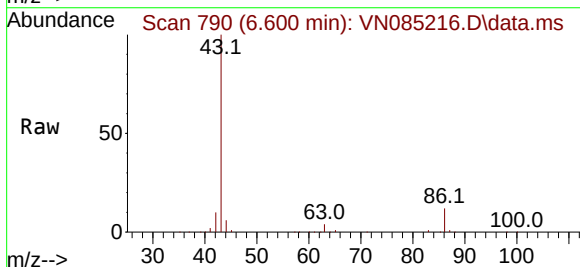
Instrument :
MSVOA_N
ClientSampleId :

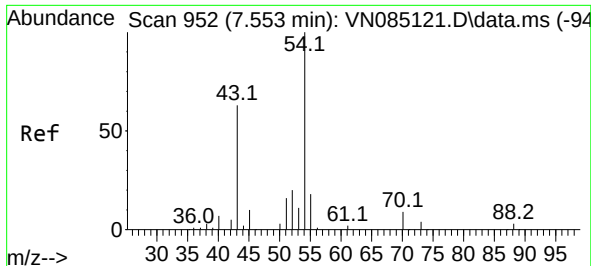
Tgt Ion: 83 Resp: 59043
Ion Ratio Lower Upper
83 100
85 64.3 54.6 81.8
127 7.5 7.0 10.6



#42
Vinyl Acetate
Concen: 102.535 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 43 Resp: 421239
Ion Ratio Lower Upper
43 100
86 11.5 9.2 13.8





#43

Ethyl Acetate

Concen: 20.300 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

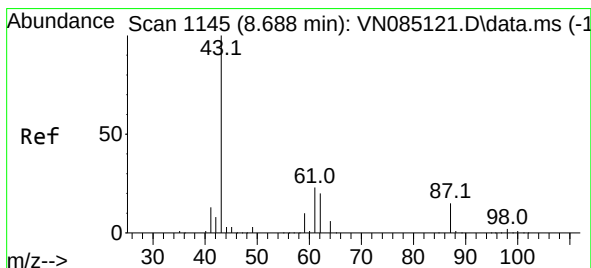
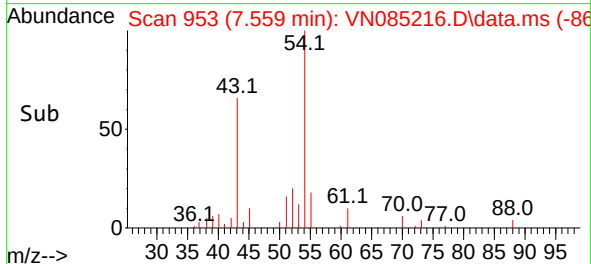
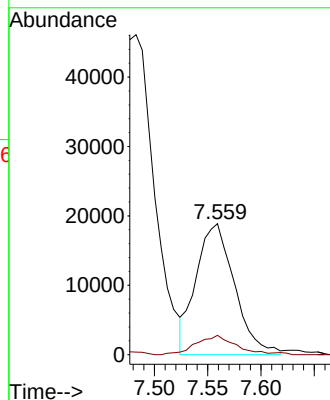
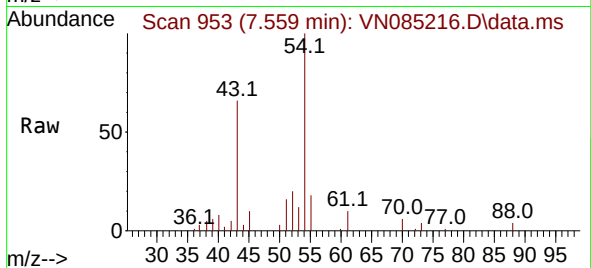
ClientSampleId :

Tgt Ion: 43 Resp: 47420

Ion Ratio Lower Upper

43 100

45 14.9 13.3 19.9



#44

Isopropyl Acetate

Concen: 20.553 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085216.D

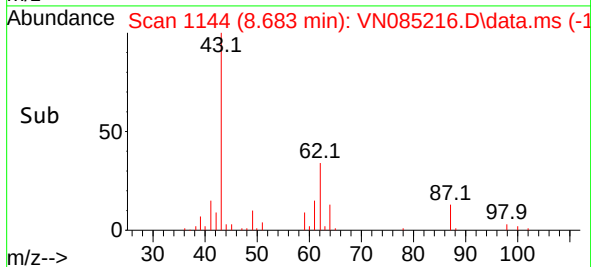
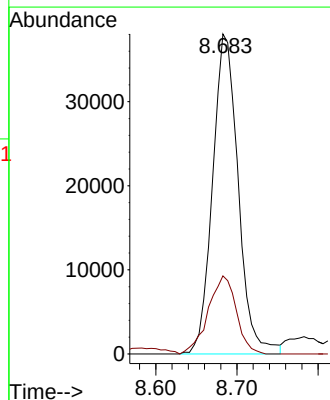
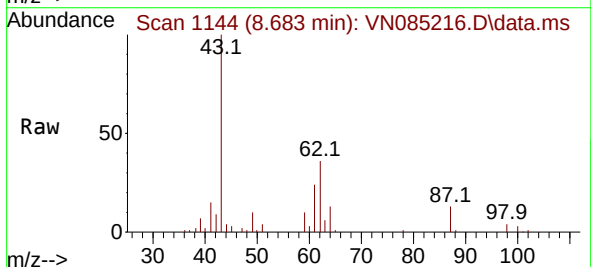
Acq: 16 Dec 2024 16:33

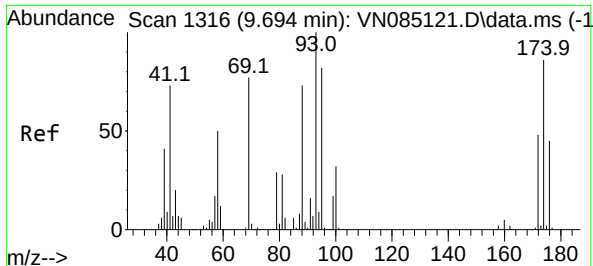
Tgt Ion: 43 Resp: 83434

Ion Ratio Lower Upper

43 100

61 26.7 21.5 32.3

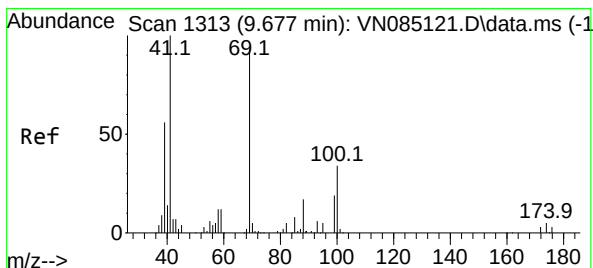
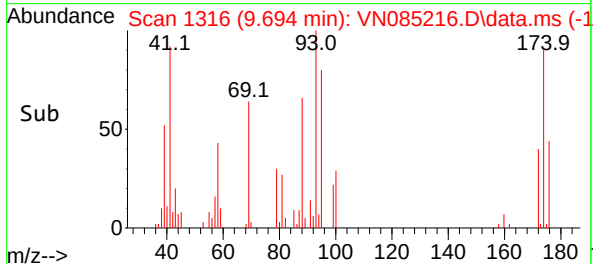
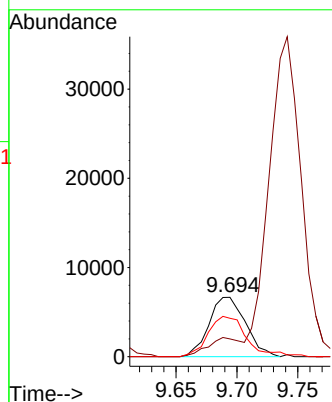
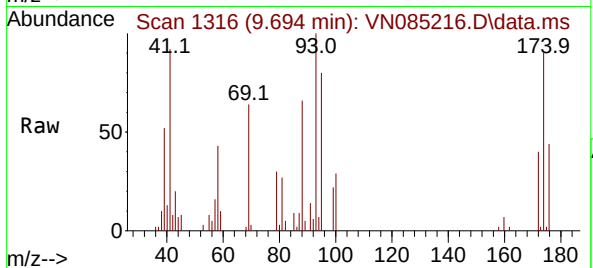




#45
1,4-Dioxane
Concen: 410.991 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

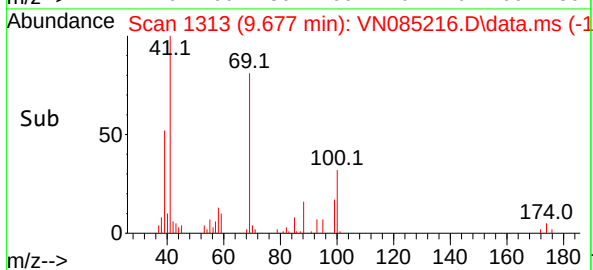
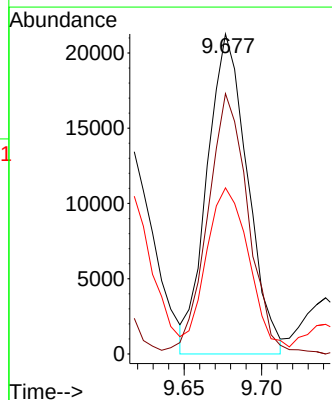
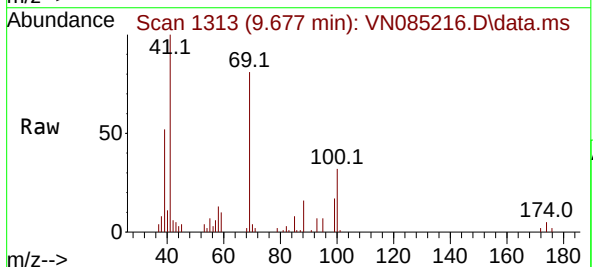
Instrument :
MSVOA_N
ClientSampleId :

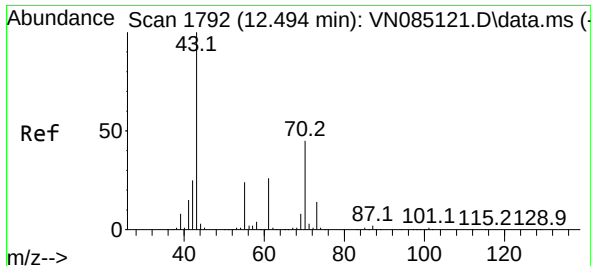
Tgt Ion: 88 Resp: 13913
Ion Ratio Lower Upper
88 100
43 30.1 21.7 32.5
58 68.9 52.6 79.0



#46
Methyl methacrylate
Concen: 20.757 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 41 Resp: 38564
Ion Ratio Lower Upper
41 100
69 82.4 46.7 140.0
39 49.9 28.5 85.5

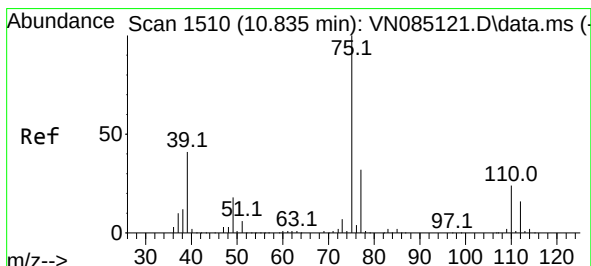
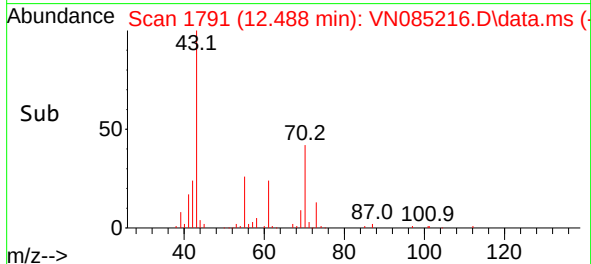
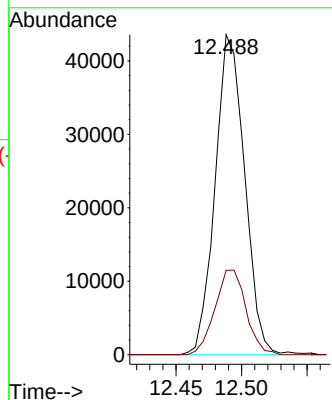
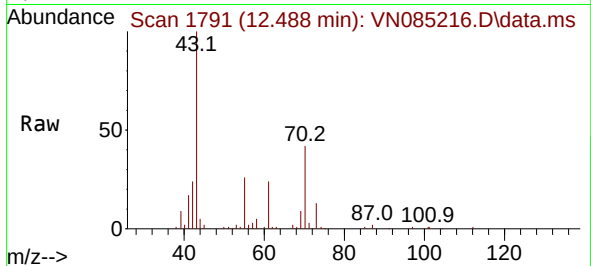




#47
n-amy1 Acetate
Concen: 19.928 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

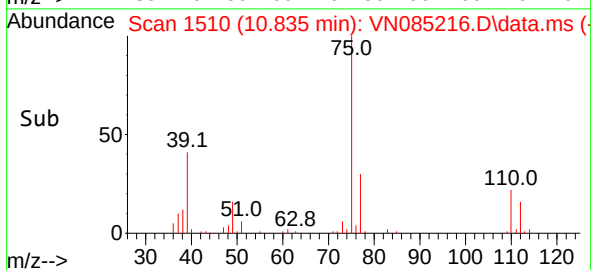
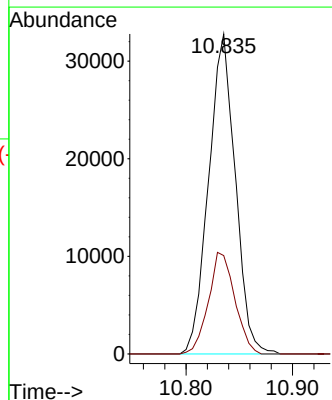
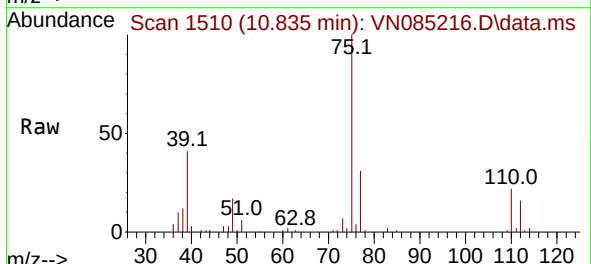
Instrument :
MSVOA_N
ClientSampleId :

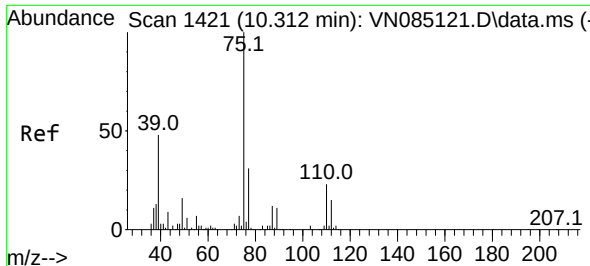
Tgt Ion: 43 Resp: 68064
Ion Ratio Lower Upper
43 100
55 27.8 23.3 34.9



#48
t-1,3-Dichloropropene
Concen: 19.447 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 75 Resp: 56984
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3



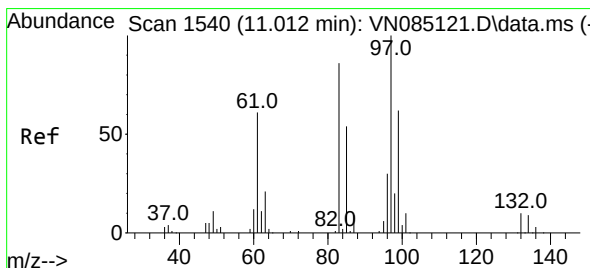
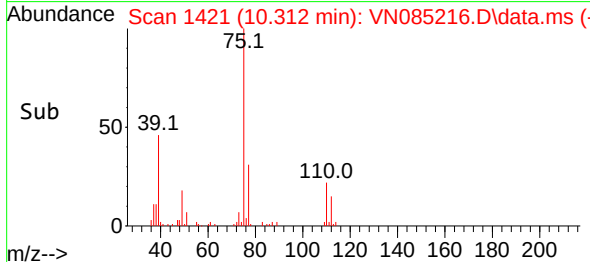
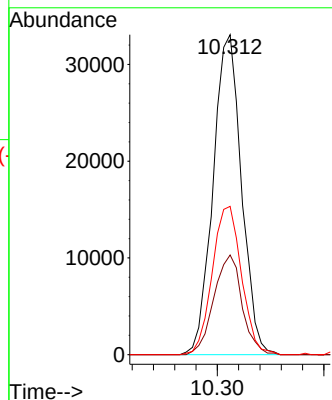
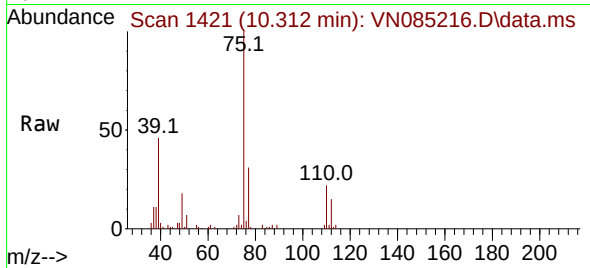


#49
 cis-1,3-Dichloropropene
 Concen: 19.185 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 61200

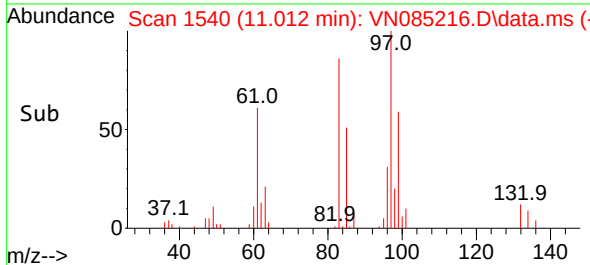
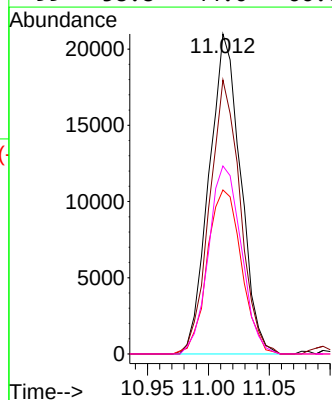
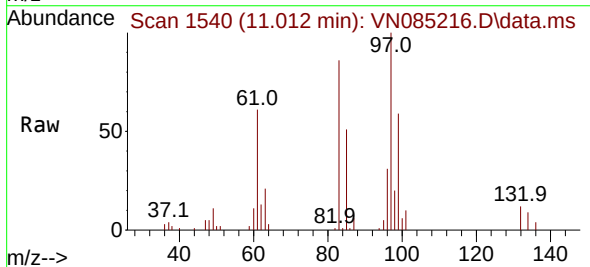
Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.8	35.6
39	46.4	37.3	55.9

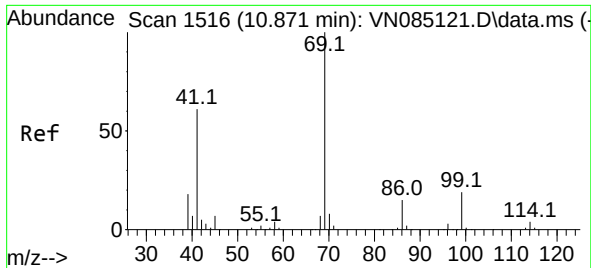


#50
 1,1,2-Trichloroethane
 Concen: 20.106 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

Tgt Ion: 97 Resp: 37831

Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.8	98.8
85	51.3	40.8	61.2
99	58.8	44.0	66.0

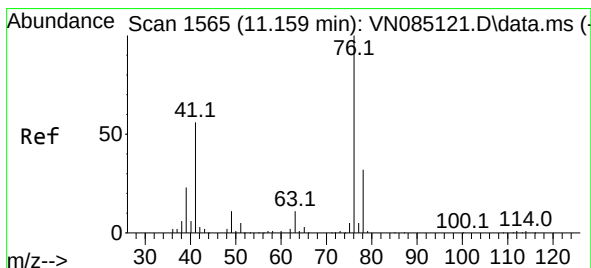
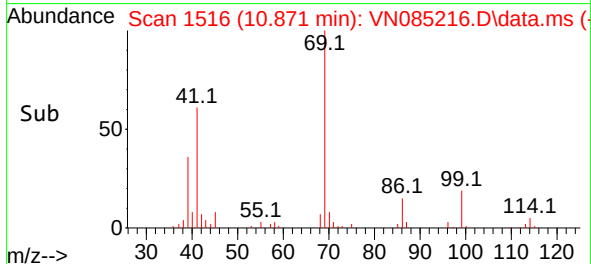
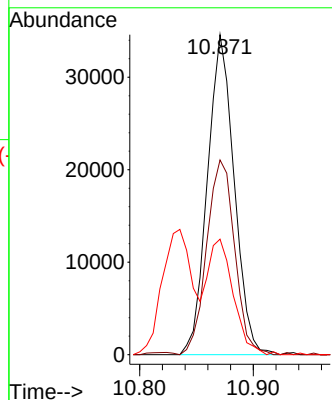
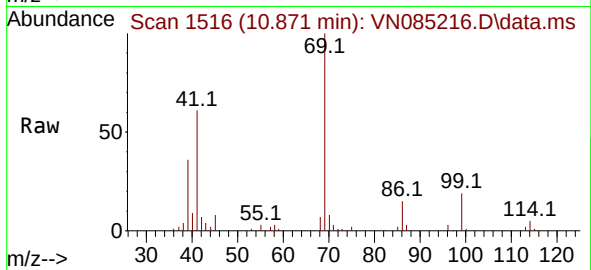




#51
Ethyl methacrylate
Concen: 19.790 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

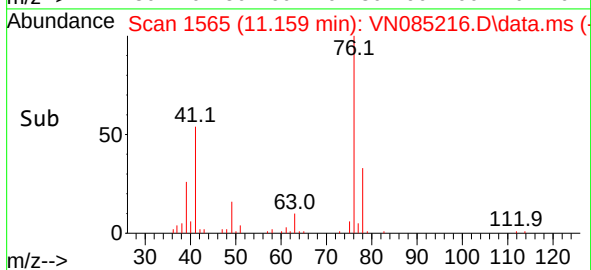
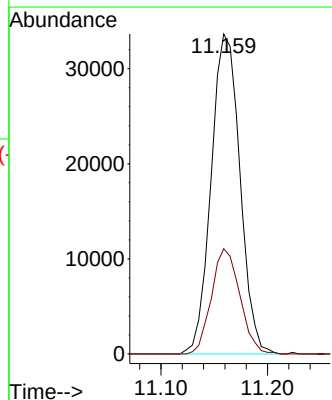
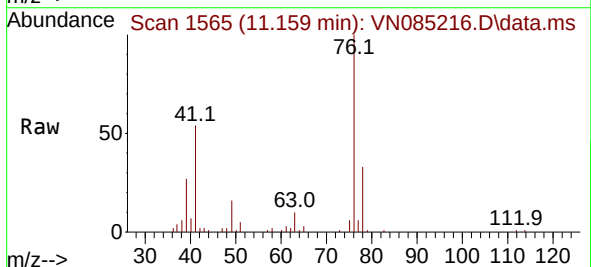
Instrument :
MSVOA_N
ClientSampleId :

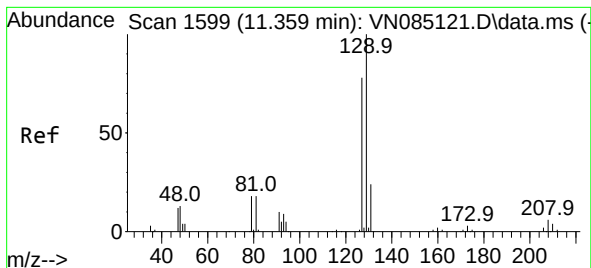
Tgt Ion: 69 Resp: 56637
Ion Ratio Lower Upper
69 100
41 60.8 32.1 96.3
39 36.1 18.8 56.4



#52
1,3-Dichloropropane
Concen: 20.068 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 76 Resp: 63193
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





#53

Dibromochloromethane

Concen: 20.142 ug/l

RT: 11.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

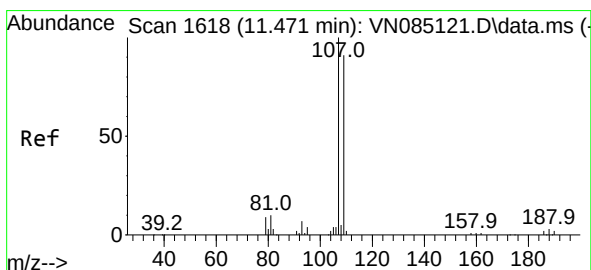
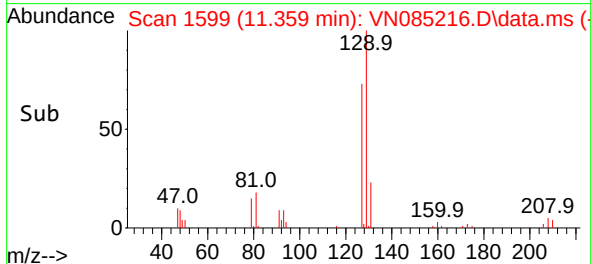
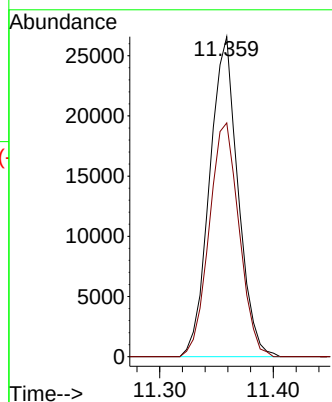
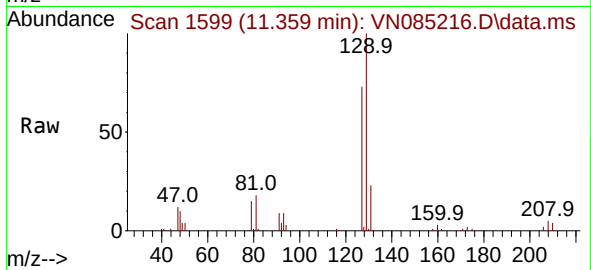
ClientSampleId :

Tgt Ion:129 Resp: 46186

Ion Ratio Lower Upper

129 100

127 76.9 37.3 111.9



#54

1,2-Dibromoethane

Concen: 19.998 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085216.D

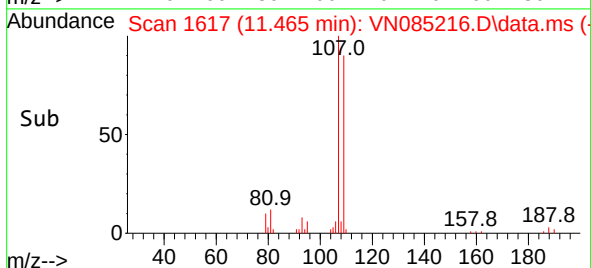
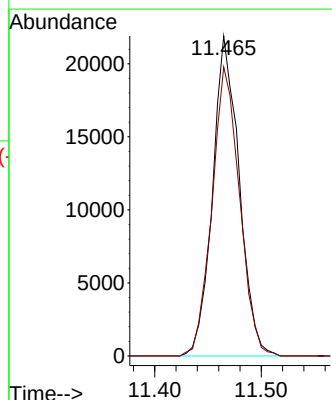
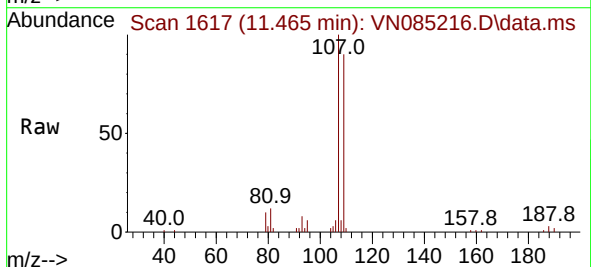
Acq: 16 Dec 2024 16:33

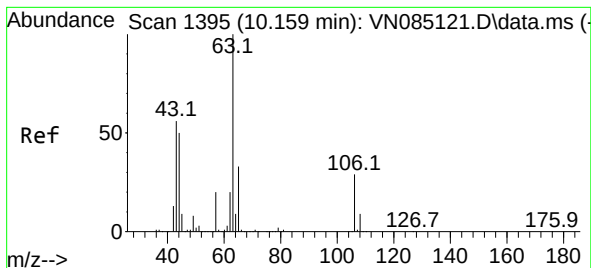
Tgt Ion:107 Resp: 37912

Ion Ratio Lower Upper

107 100

109 93.8 75.2 112.8

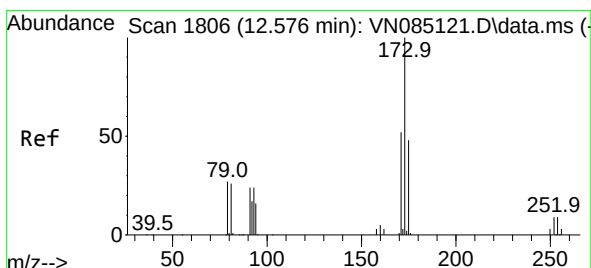
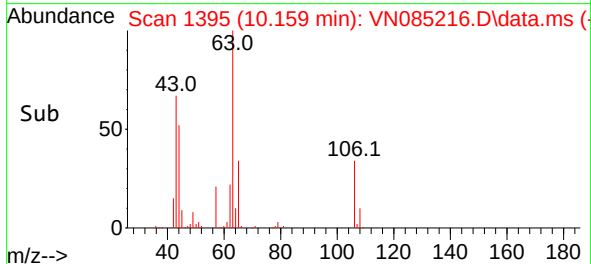
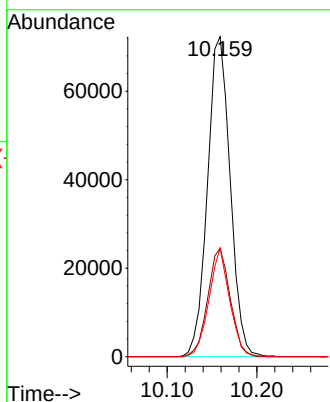
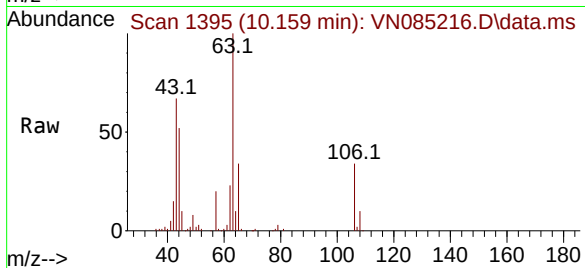




#55
2-Chloroethyl vinyl ether
Concen: 95.632 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

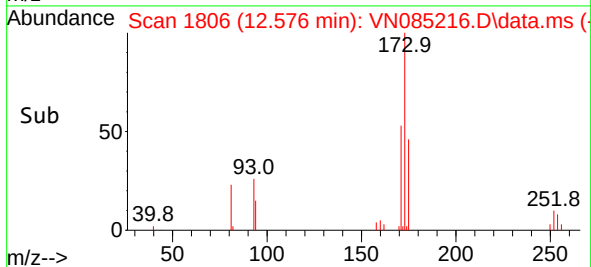
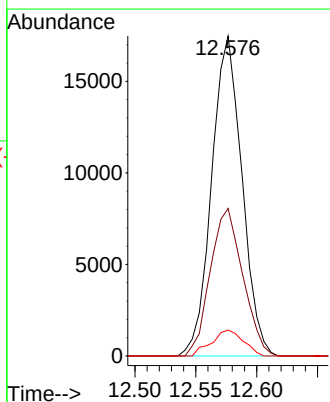
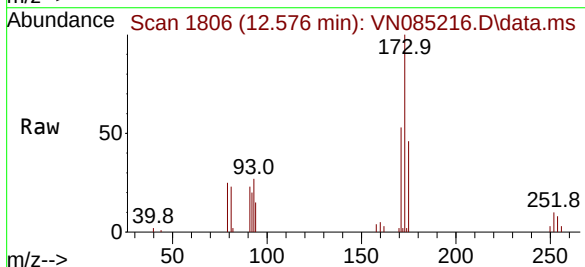
Instrument :
MSVOA_N
ClientSampleId :

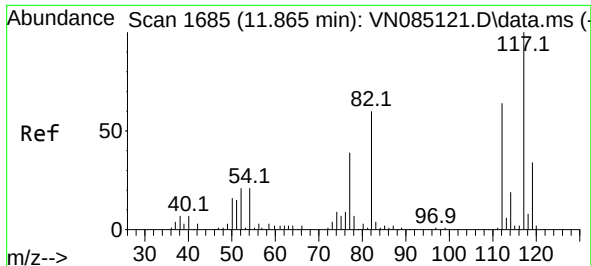
Tgt Ion: 63 Resp: 127137
Ion Ratio Lower Upper
63 100
65 33.3 25.9 38.9
106 30.8 23.5 35.3



#56
Bromoform
Concen: 19.663 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion:173 Resp: 30230
Ion Ratio Lower Upper
173 100
175 49.5 40.2 60.2
254 8.5 6.2 9.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

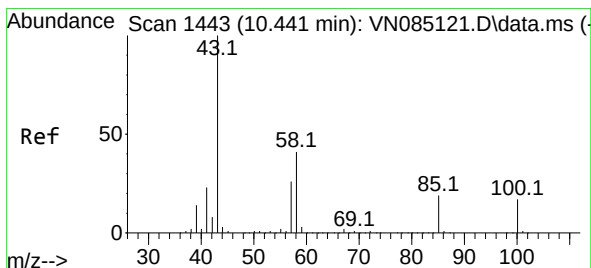
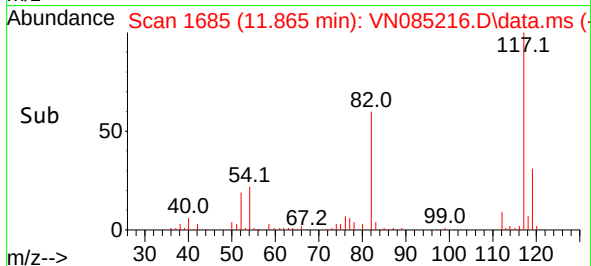
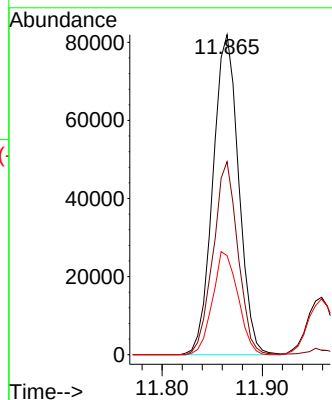
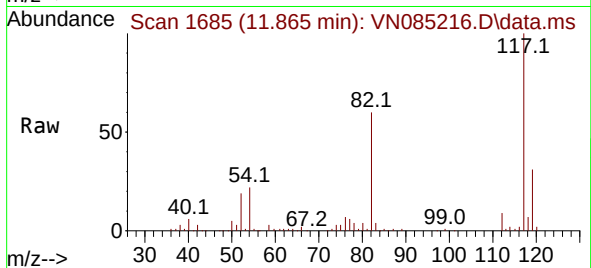
Tgt Ion:117 Resp: 146162

Ion Ratio Lower Upper

117 100

82 57.9 44.2 66.4

119 31.7 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 101.359 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

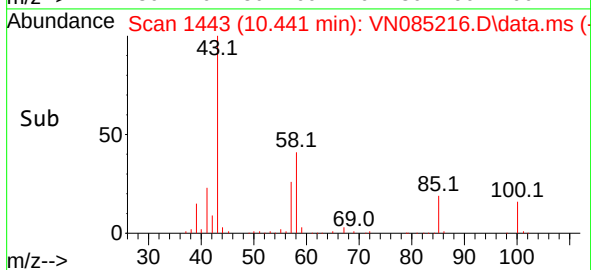
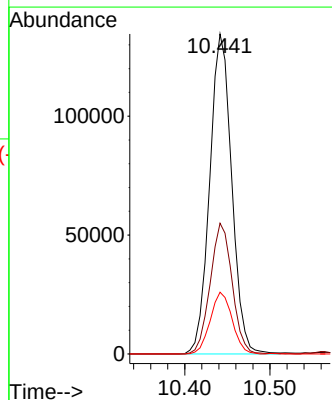
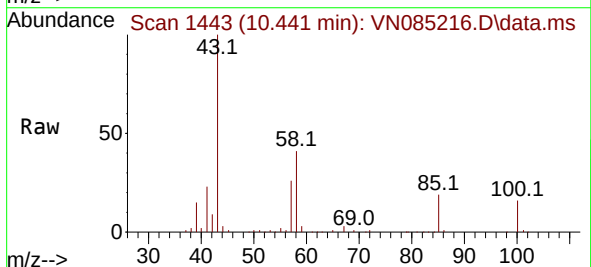
Tgt Ion: 43 Resp: 241784

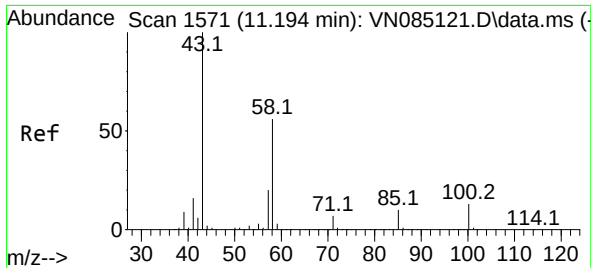
Ion Ratio Lower Upper

43 100

58 40.7 31.6 47.4

85 19.2 15.0 22.6

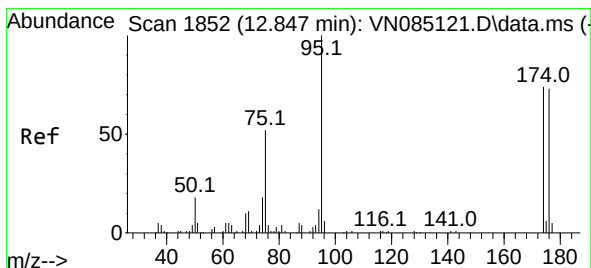
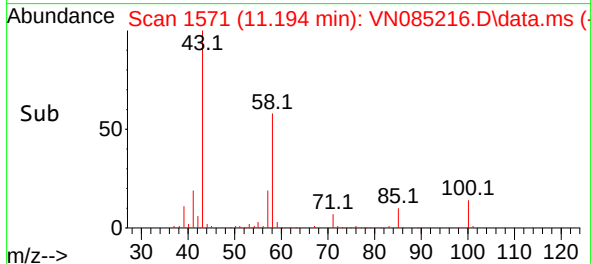
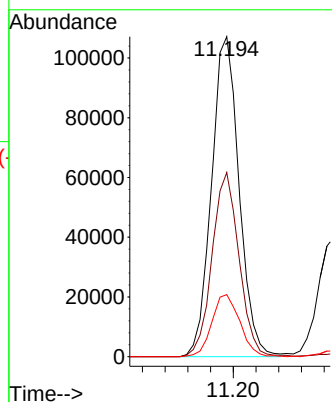
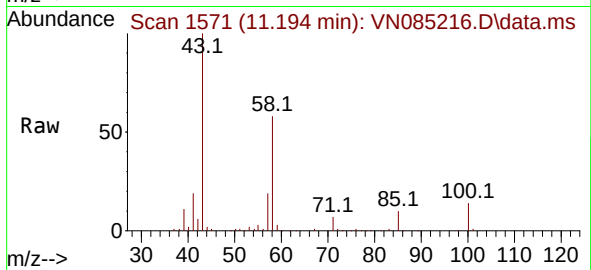




#59
2-Hexanone
Concen: 99.918 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

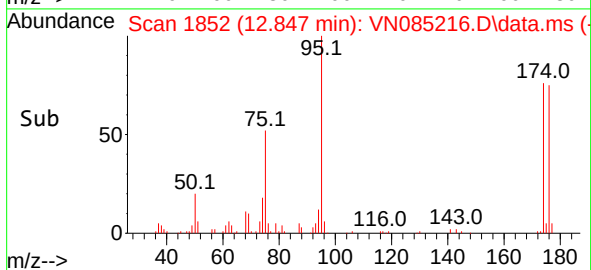
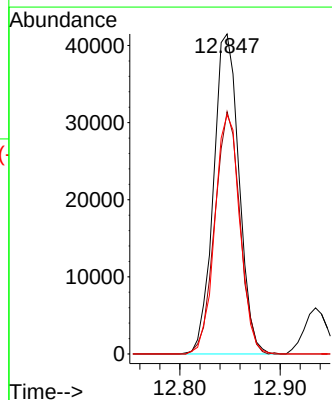
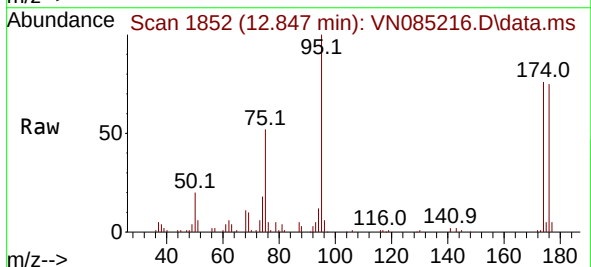
Instrument :
MSVOA_N
ClientSampleId :

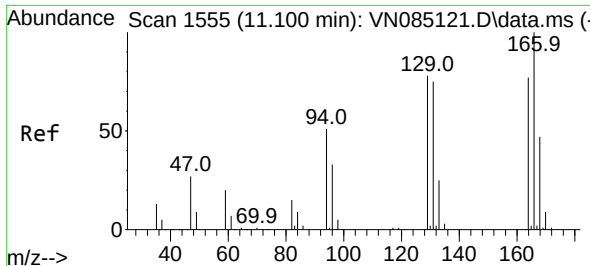
Tgt Ion: 43 Resp: 180597
Ion Ratio Lower Upper
43 100
58 56.1 43.6 65.4
57 19.7 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.335 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

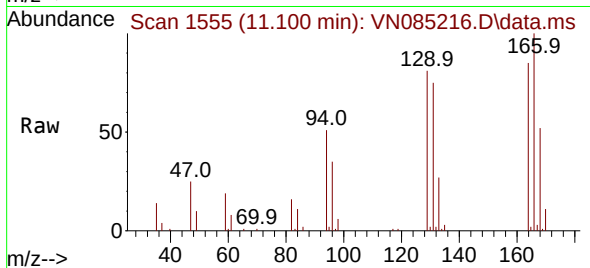
Tgt Ion: 95 Resp: 73363
Ion Ratio Lower Upper
95 100
174 74.4 60.3 90.5
176 73.4 57.4 86.0



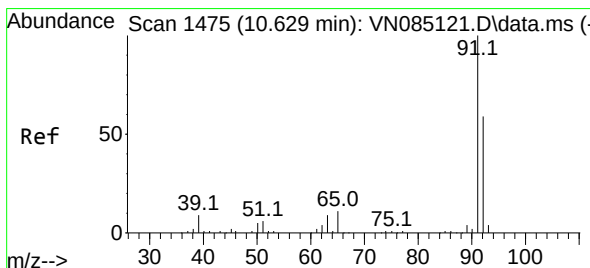
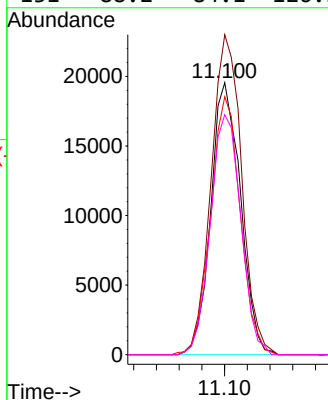
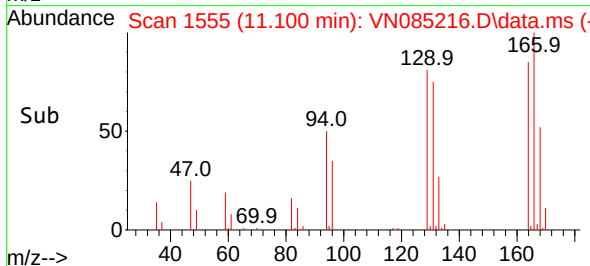


#61
Tetrachloroethene
Concen: 20.047 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

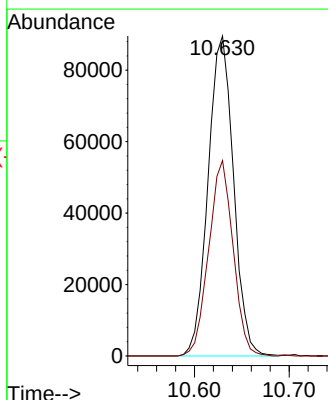
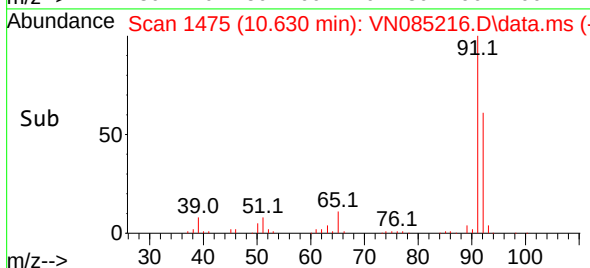
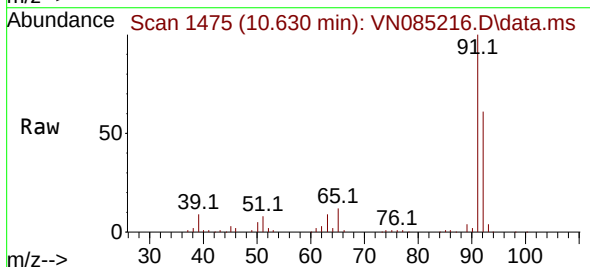


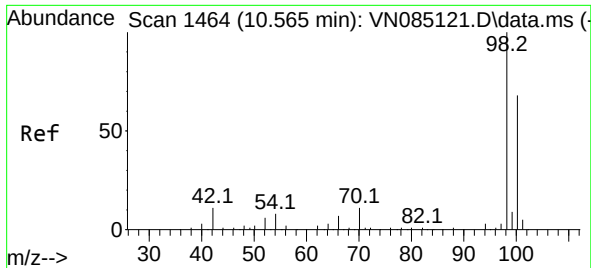
Tgt Ion:164 Resp: 35484
Ion Ratio Lower Upper
164 100
166 117.6 103.8 155.8
129 94.8 84.2 126.4
131 88.2 84.1 126.1



#62
Toluene
Concen: 19.603 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 91 Resp: 167102
Ion Ratio Lower Upper
91 100
92 58.7 46.5 69.7

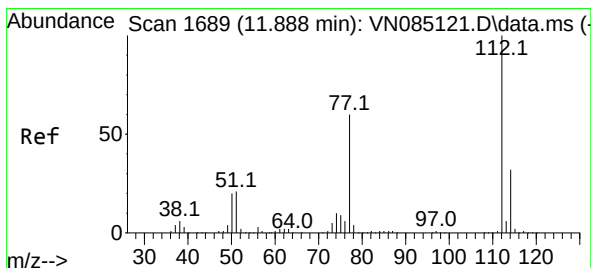
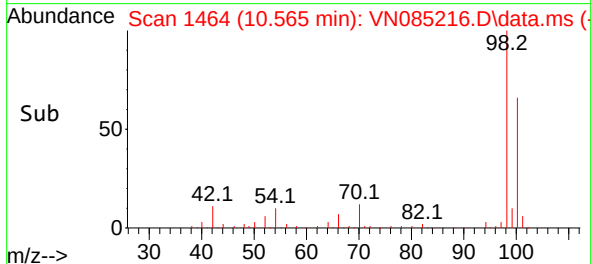
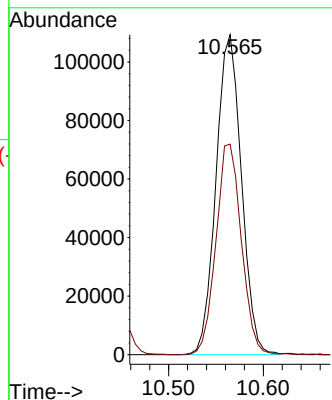
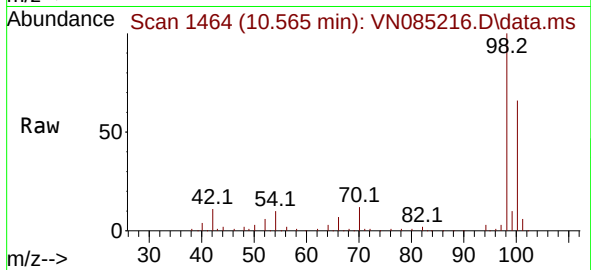




#63
Toluene-d8
Concen: 29.742 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

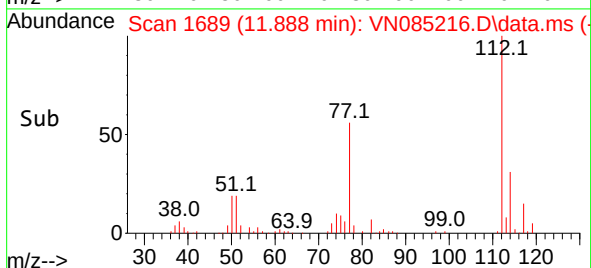
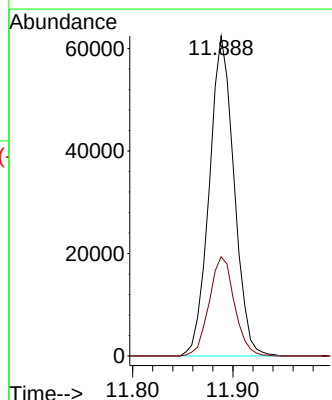
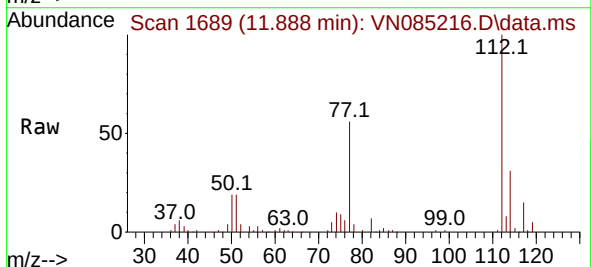
Instrument :
MSVOA_N
ClientSampleId :

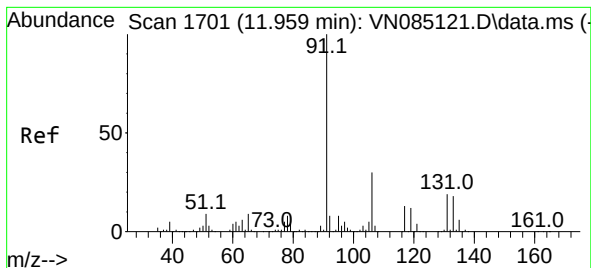
Tgt Ion: 98 Resp: 203918
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#64
Chlorobenzene
Concen: 20.374 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 112 Resp: 107226
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.821 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085216.D

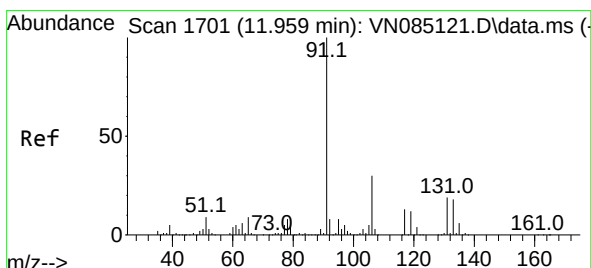
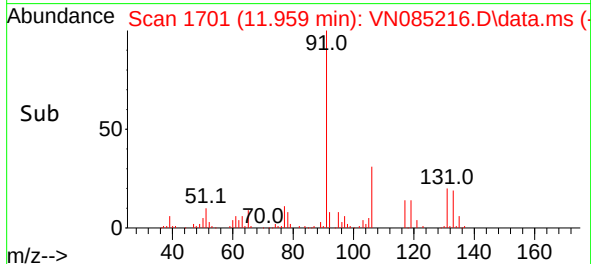
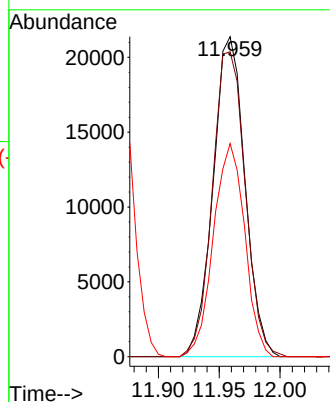
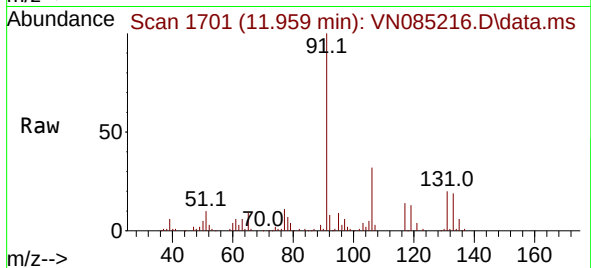
Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:131	Resp:	38942
Ion Ratio	Lower	Upper
131	100	
133	98.1	0.0 194.0
119	65.3	0.0 131.8



#66

Ethyl Benzene

Concen: 19.992 ug/l

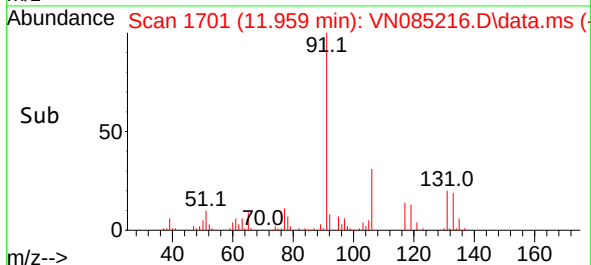
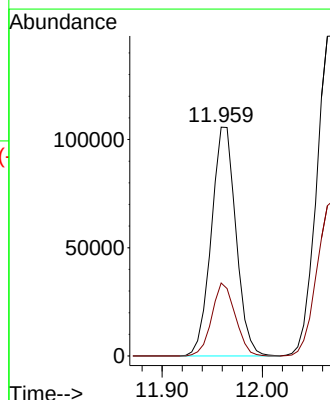
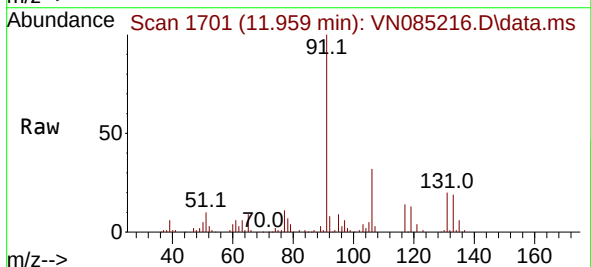
RT: 11.959 min Scan# 1701

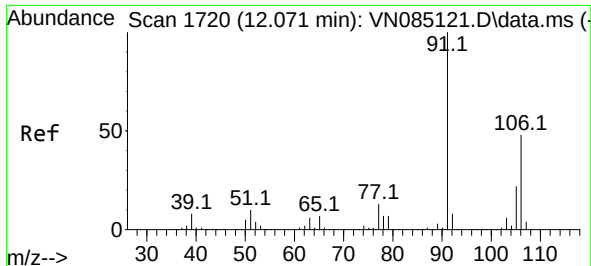
Delta R.T. -0.006 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Tgt Ion: 91	Resp:	180830
Ion Ratio	Lower	Upper
91	100	
106	31.9	23.1 34.7

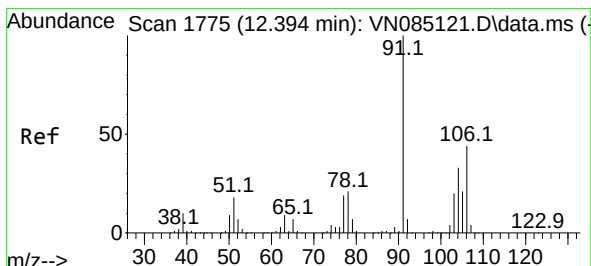
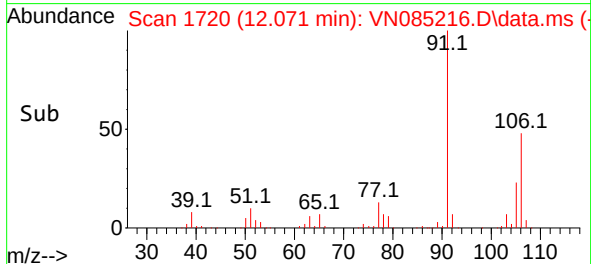
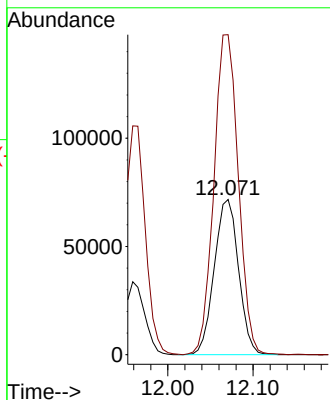
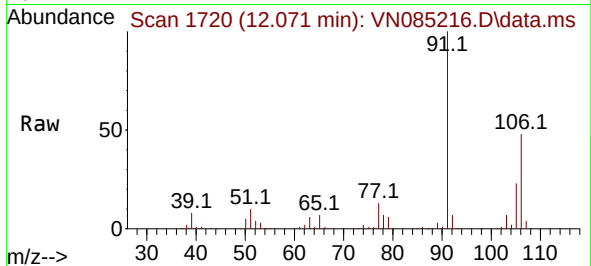




#67
m/p-Xylenes
Concen: 40.773 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

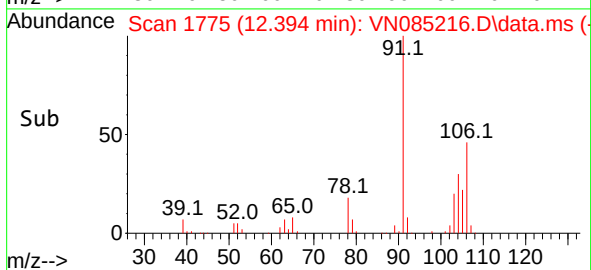
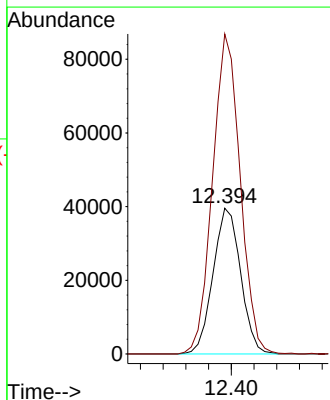
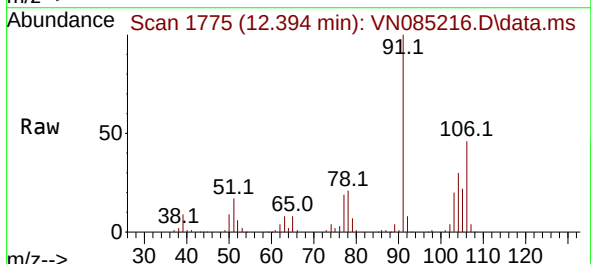
Instrument :
MSVOA_N
ClientSampleId :

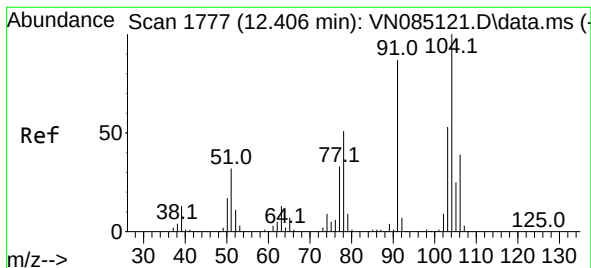
Tgt Ion:106 Resp: 141848
Ion Ratio Lower Upper
106 100
91 207.4 165.0 247.4



#68
o-Xylene
Concen: 20.398 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion:106 Resp: 66647
Ion Ratio Lower Upper
106 100
91 220.1 112.1 336.4





#69

Styrene

Concen: 20.189 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

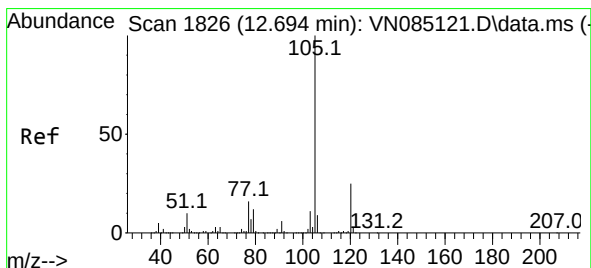
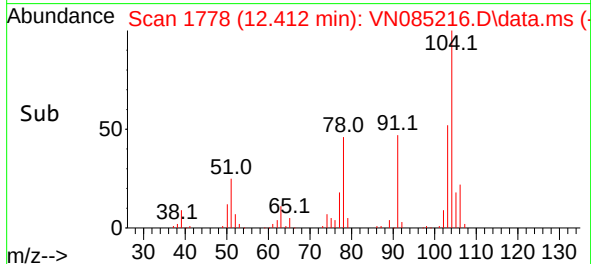
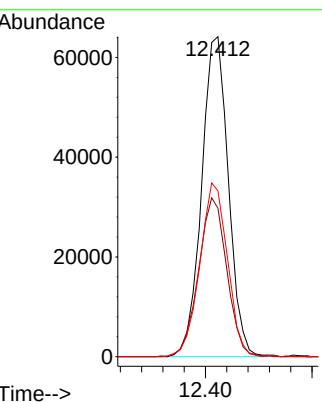
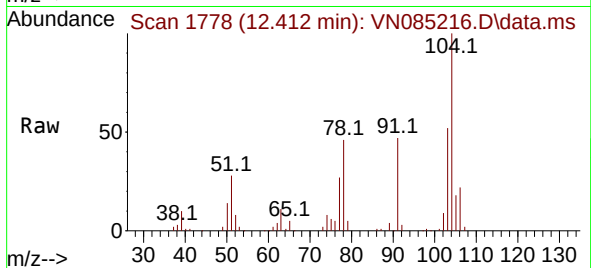
Tgt Ion:104 Resp: 111932

Ion Ratio Lower Upper

104 100

78 52.4 42.3 63.5

103 56.0 44.4 66.6



#70

Isopropylbenzene

Concen: 20.146 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085216.D

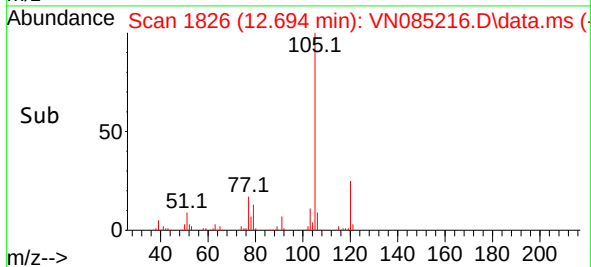
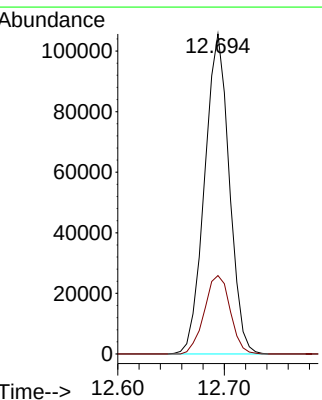
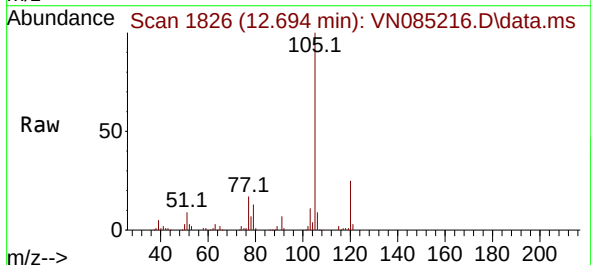
Acq: 16 Dec 2024 16:33

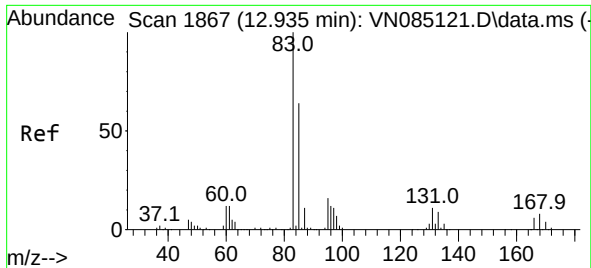
Tgt Ion:105 Resp: 169768

Ion Ratio Lower Upper

105 100

120 25.6 18.3 33.9

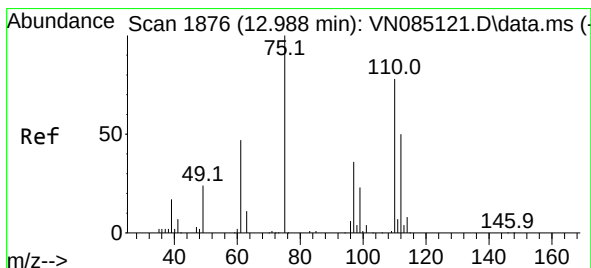
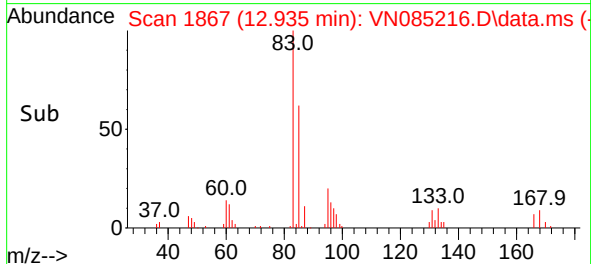
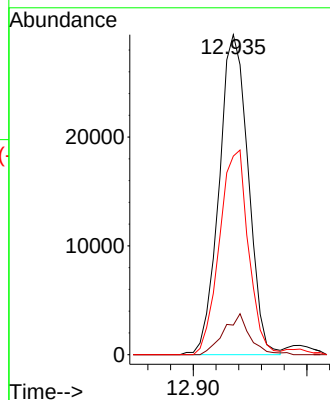
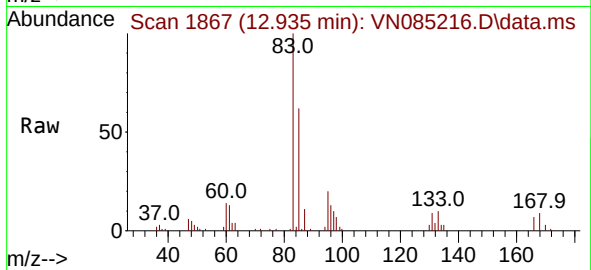




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.416 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

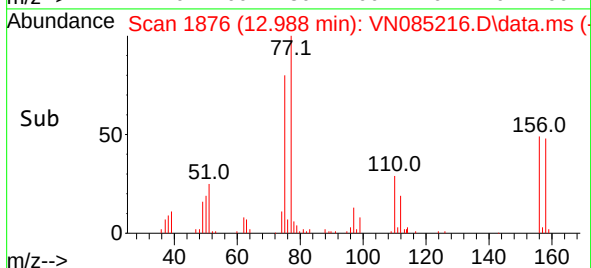
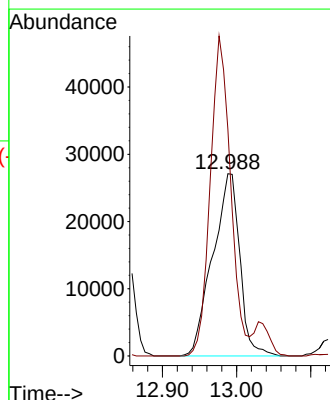
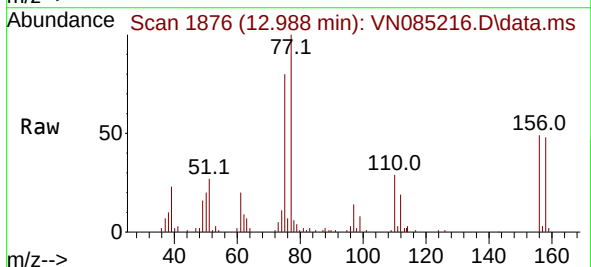
Instrument :
 MSVOA_N
 ClientSampleId :

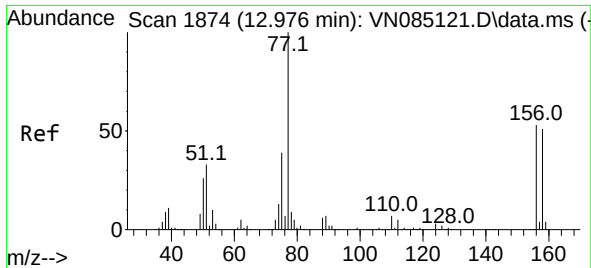
Tgt Ion: 83 Resp: 52367
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 63.6 31.1 93.5



#72
 1,2,3-Trichloropropane
 Concen: 27.180 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

Tgt Ion: 75 Resp: 68868
 Ion Ratio Lower Upper
 75 100
 77 132.2 0.0 339.0

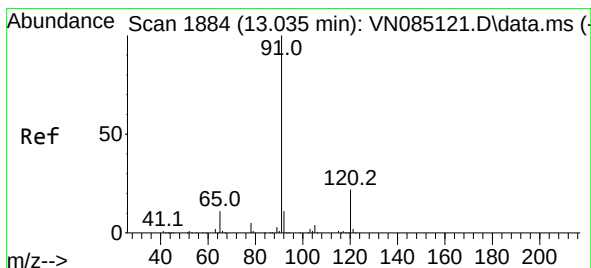
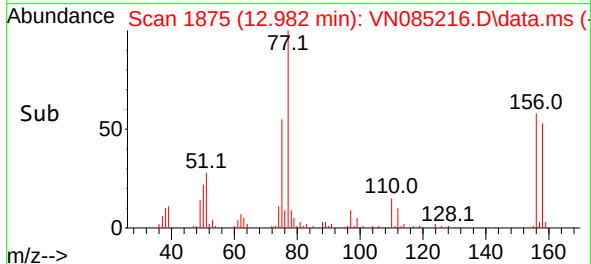
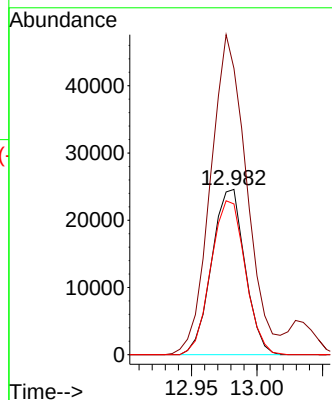
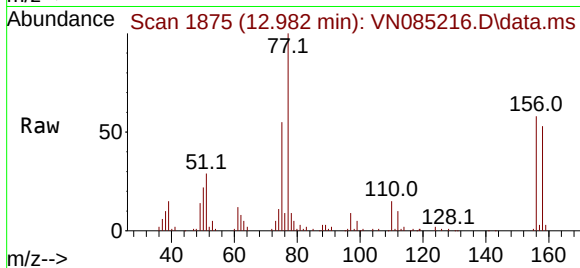




#73
Bromobenzene
Concen: 20.542 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

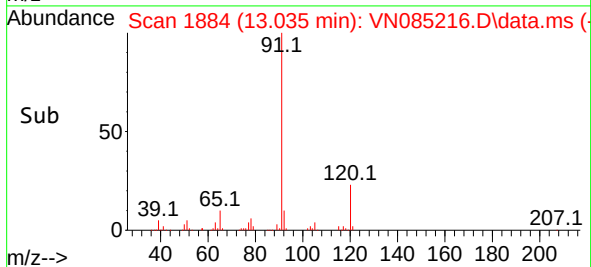
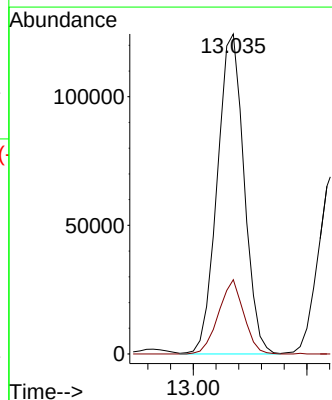
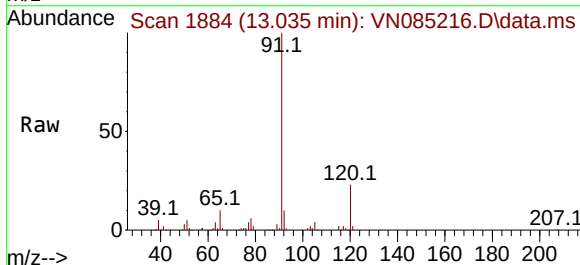
Instrument :
MSVOA_N
ClientSampleId :

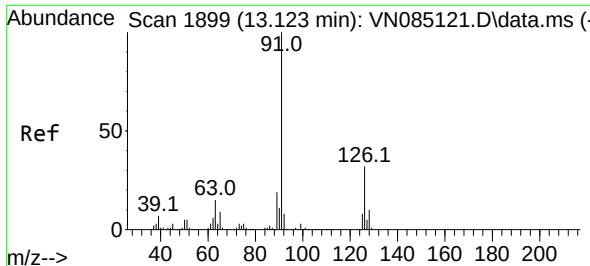
Tgt Ion:156 Resp: 43360
Ion Ratio Lower Upper
156 100
77 210.0 0.0 430.4
158 96.3 0.0 195.2



#74
n-propylbenzene
Concen: 20.162 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 91 Resp: 204268
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.0

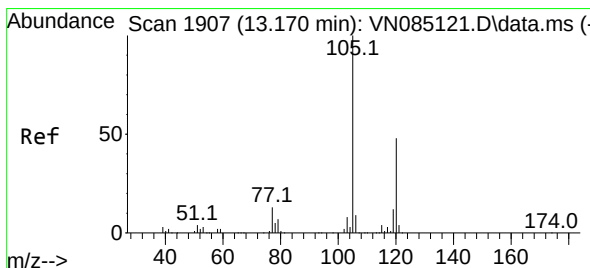
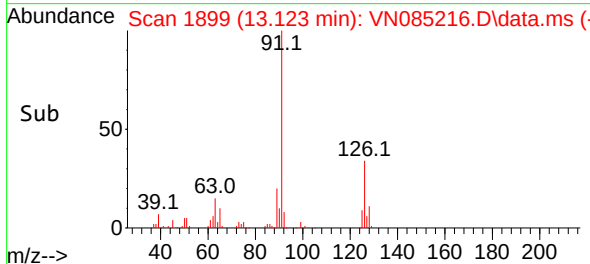
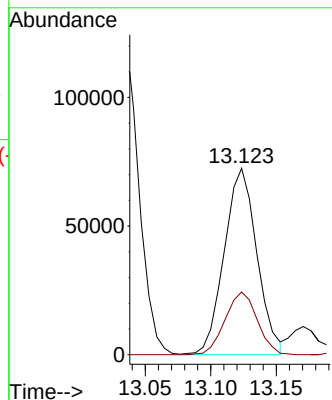
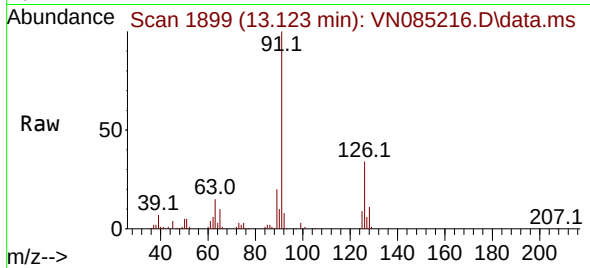




#75
2-Chlorotoluene
Concen: 20.066 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

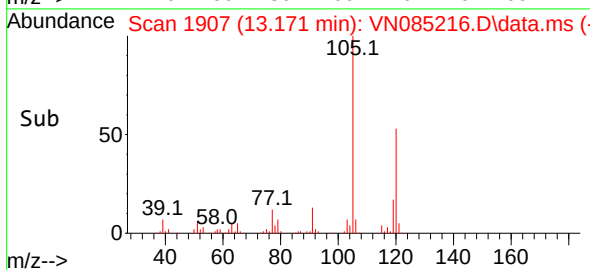
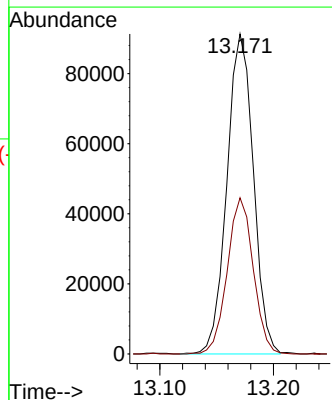
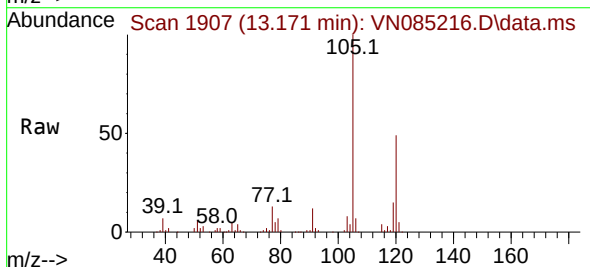
Instrument :
MSVOA_N
ClientSampleId :

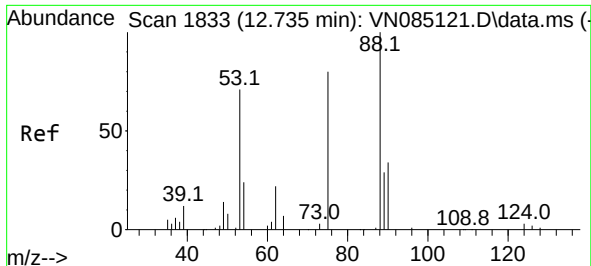
Tgt Ion: 91 Resp: 125691
Ion Ratio Lower Upper
91 100
126 33.0 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 20.451 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 105 Resp: 147652
Ion Ratio Lower Upper
105 100
120 47.9 0.0 94.4

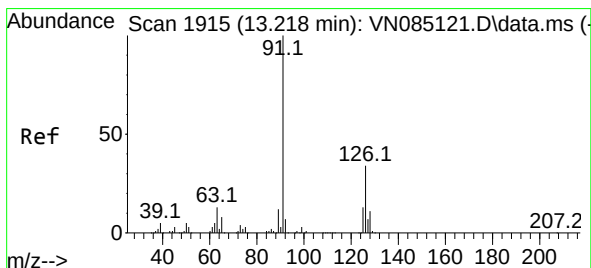
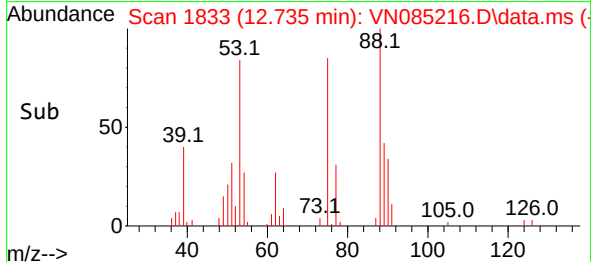
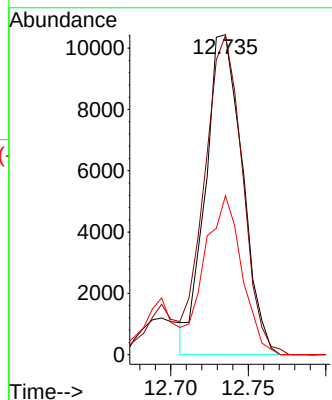
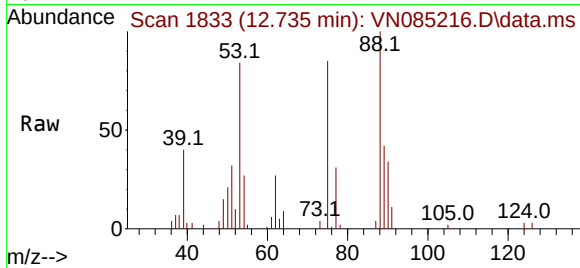




#77
t-1,4-Dichloro-2-butene
Concen: 18.797 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

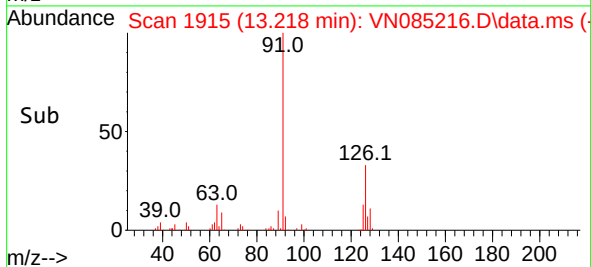
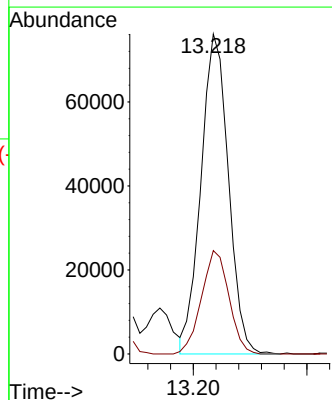
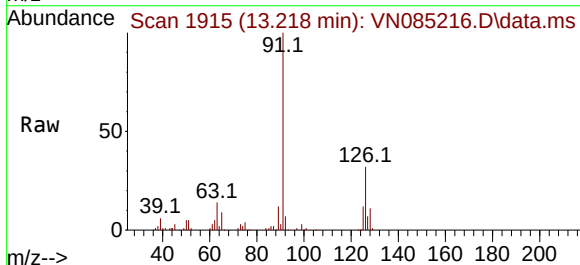
Instrument :
MSVOA_N
ClientSampleId :

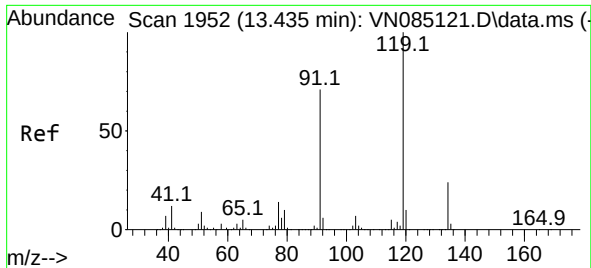
Tgt Ion:	75	Resp:	17306
Ion Ratio	Lower	Upper	
75	100		
53	98.0	49.1	147.3
89	49.6	22.9	68.5



#78
4-Chlorotoluene
Concen: 20.129 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion:	91	Resp:	127980
Ion Ratio	Lower	Upper	
91	100		
126	32.2	0.0	64.4

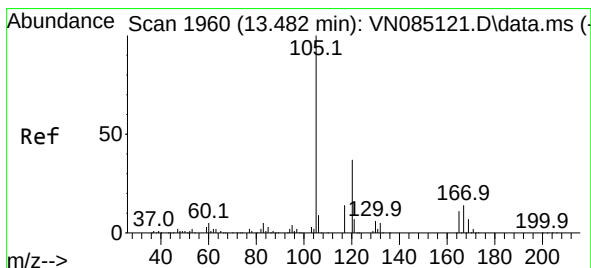
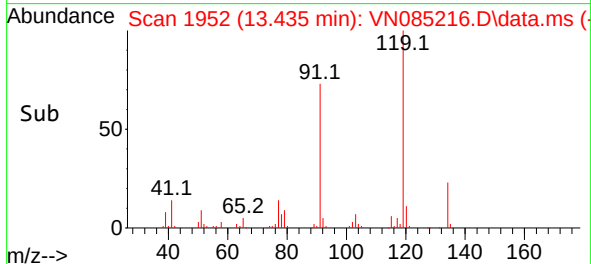
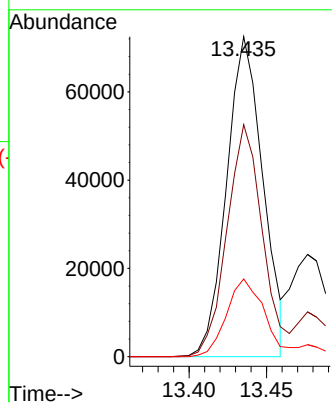
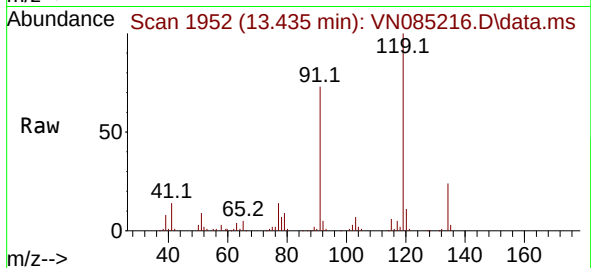




#79
tert-butylbenzene
Concen: 19.923 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

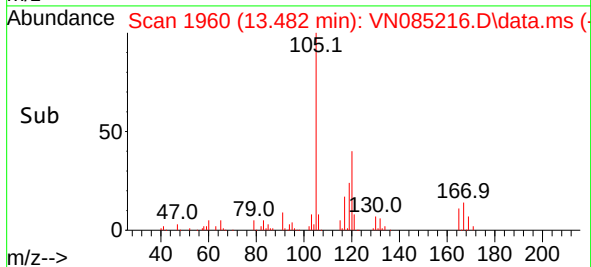
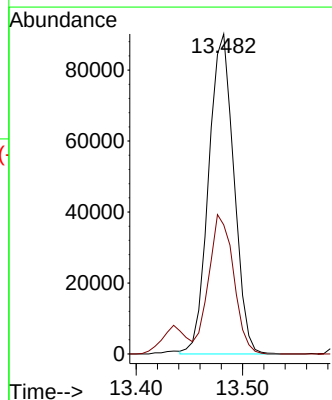
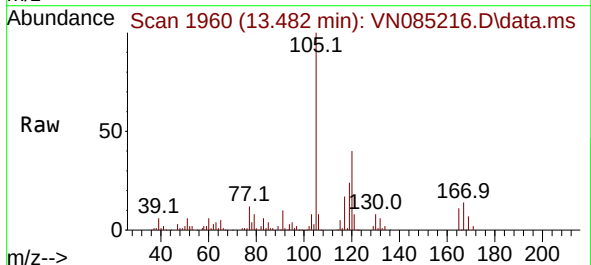
Instrument :
MSVOA_N
ClientSampleId :

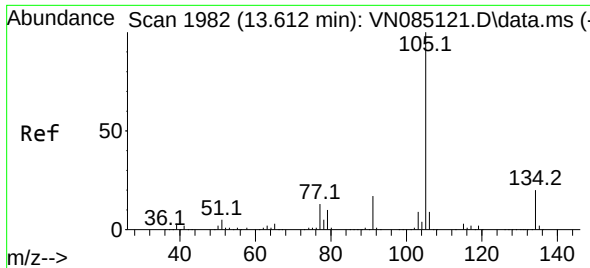
Tgt Ion:119 Resp: 118141
Ion Ratio Lower Upper
119 100
91 71.4 0.0 139.2
134 25.1 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 20.790 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion:105 Resp: 148267
Ion Ratio Lower Upper
105 100
120 43.0 0.0 87.4

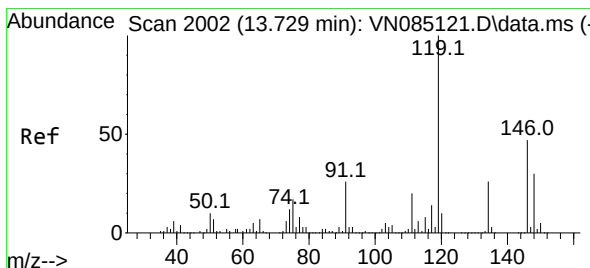
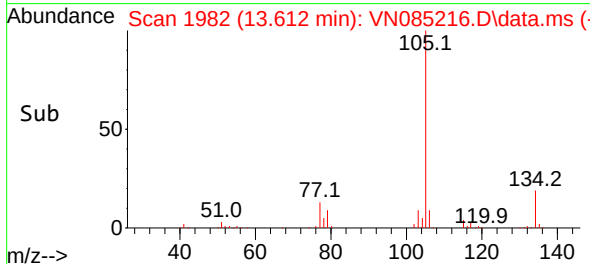
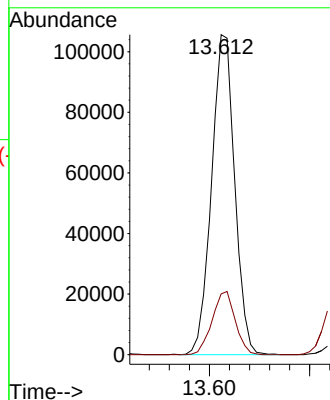
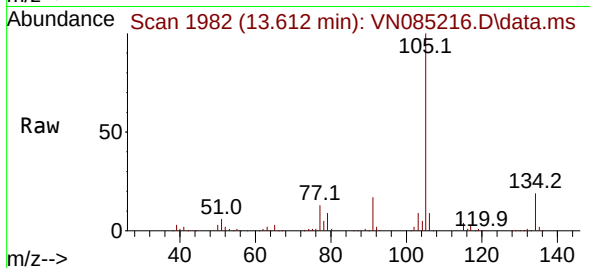




#81
 sec-Butylbenzene
 Concen: 20.111 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

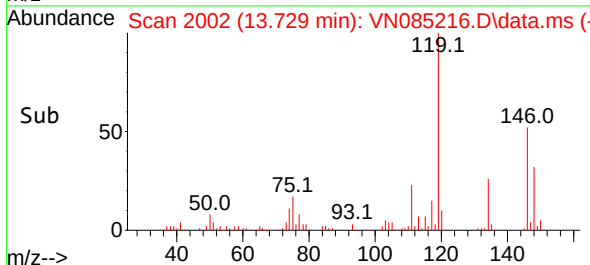
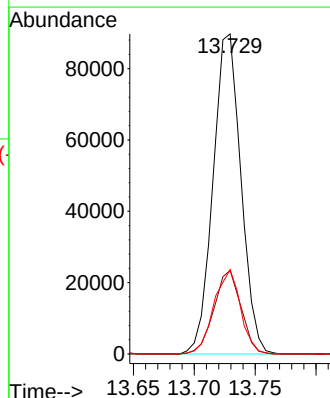
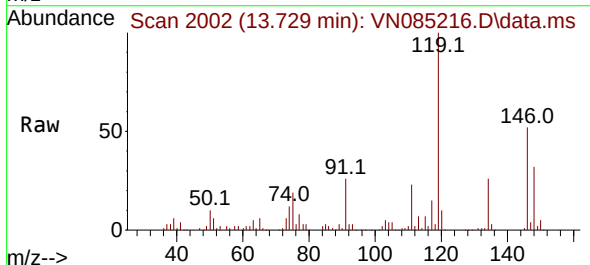
Instrument :
 MSVOA_N
 ClientSampleId :

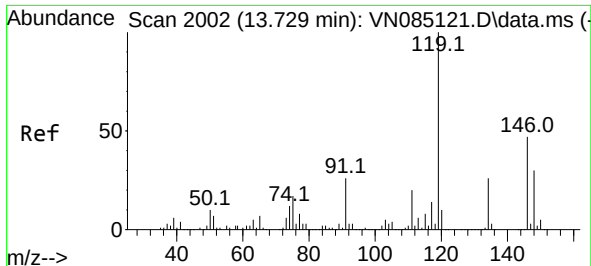
Tgt Ion:105 Resp: 169428
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 20.444 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085216.D
 Acq: 16 Dec 2024 16:33

Tgt Ion:119 Resp: 142796
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.6
 91 25.2 0.0 50.4

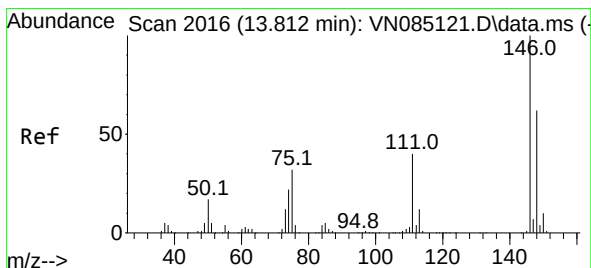
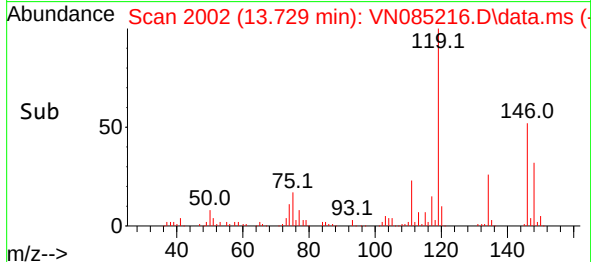
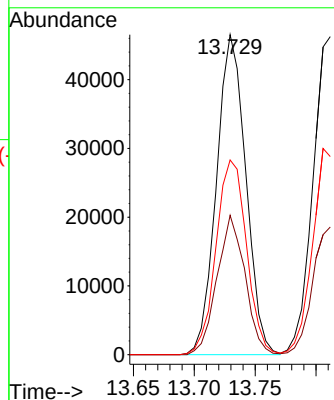
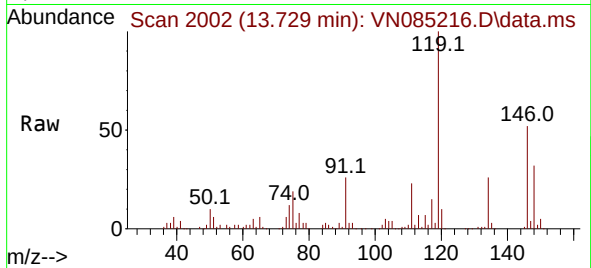




#83
1,3-Dichlorobenzene
Concen: 20.134 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

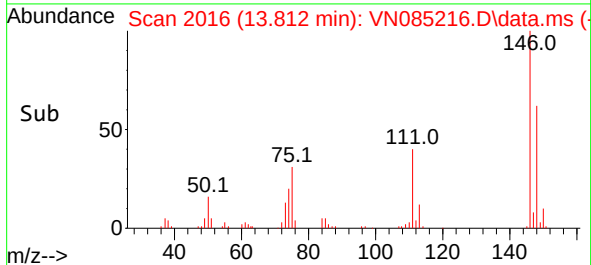
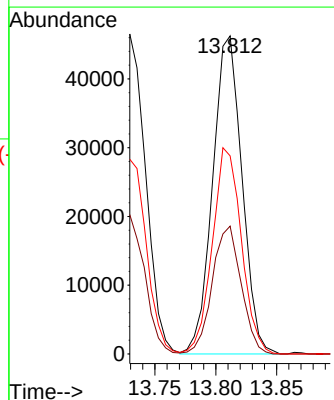
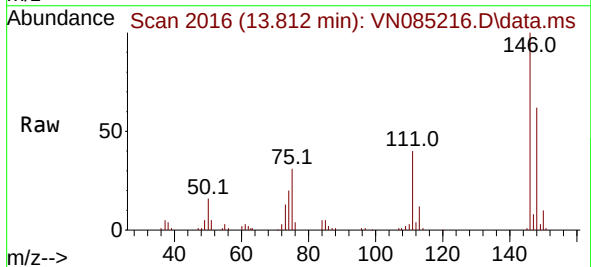
Instrument :
MSVOA_N
ClientSampleId :

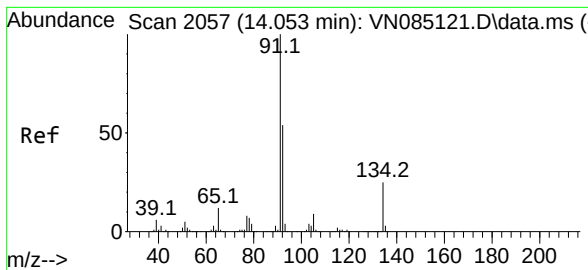
Tgt Ion:146 Resp: 77972
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 63.4 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 20.546 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion:146 Resp: 77546
Ion Ratio Lower Upper
146 100
111 39.6 20.1 60.3
148 64.3 31.6 94.7





#85

n-Butylbenzene

Concen: 19.773 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

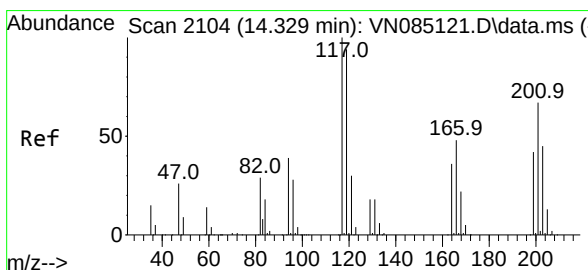
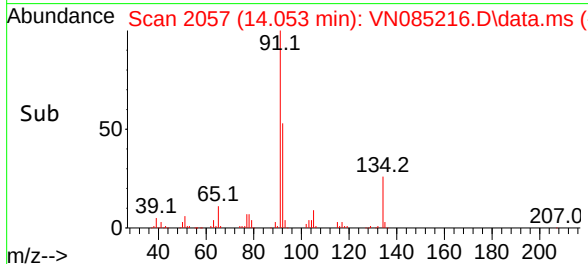
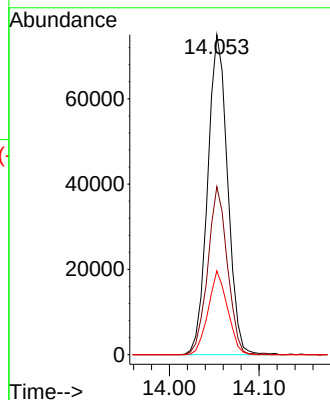
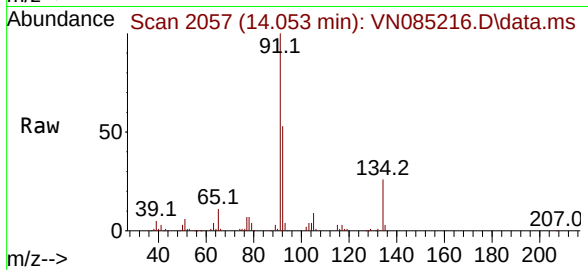
Tgt Ion: 91 Resp: 115848

Ion Ratio Lower Upper

91 100

92 51.5 0.0 104.0

134 25.5 0.0 49.2



#86

Hexachloroethane

Concen: 20.814 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085216.D

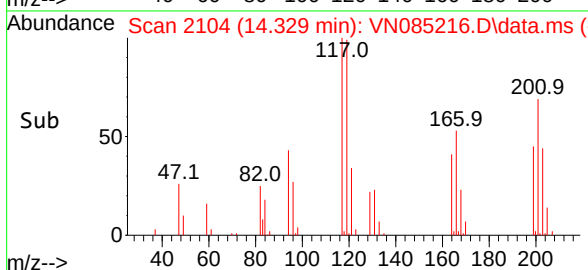
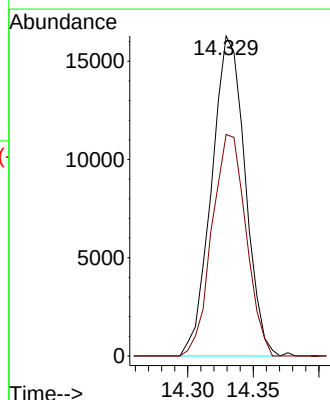
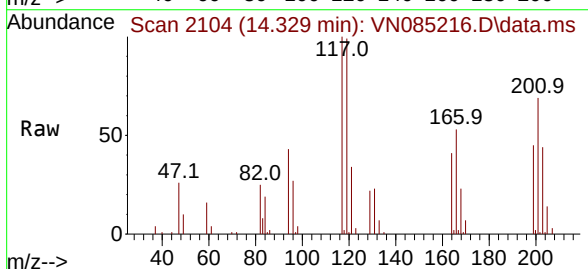
Acq: 16 Dec 2024 16:33

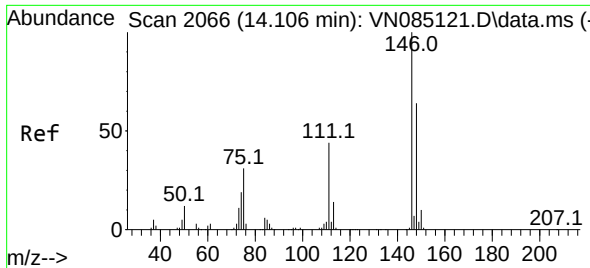
Tgt Ion:117 Resp: 28941

Ion Ratio Lower Upper

117 100

201 70.2 34.1 102.3

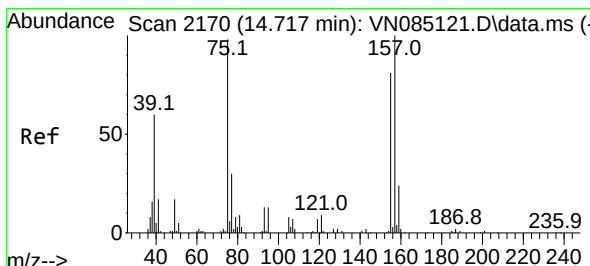
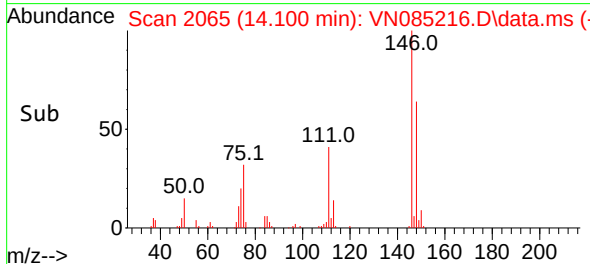
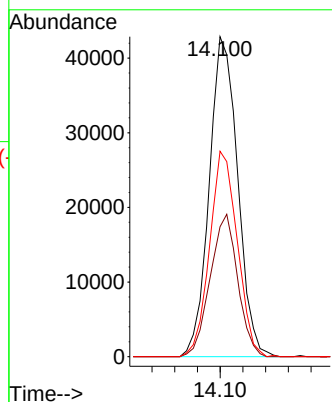
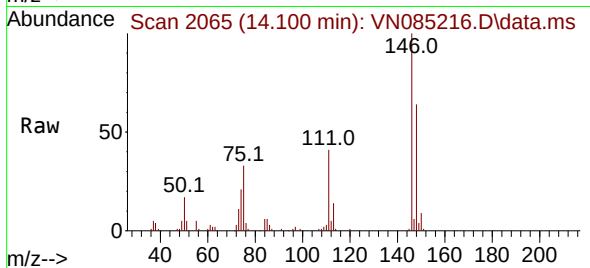




#87
1,2-Dichlorobenzene
Concen: 20.380 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

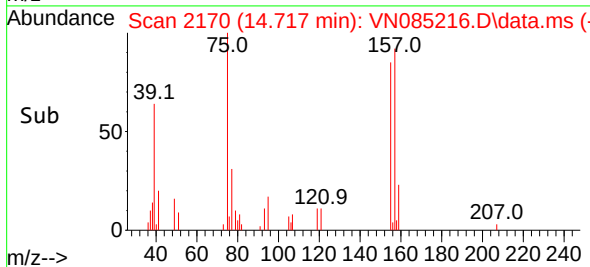
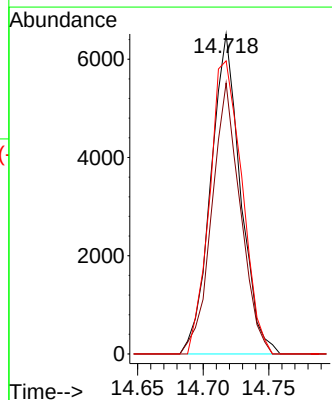
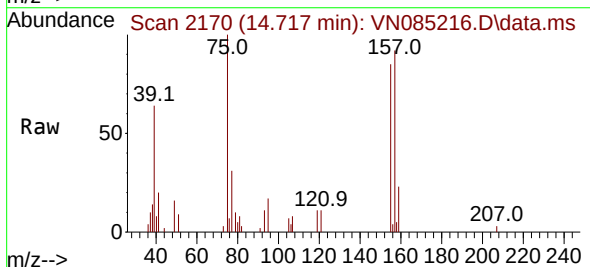
Instrument :
MSVOA_N
ClientSampleId :

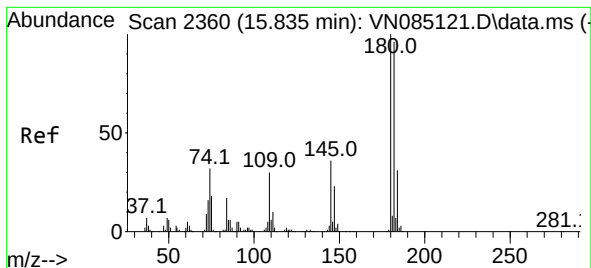
Tgt Ion:146 Resp: 74498
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.7
148 62.5 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.062 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085216.D
Acq: 16 Dec 2024 16:33

Tgt Ion: 75 Resp: 10280
Ion Ratio Lower Upper
75 100
155 81.4 62.1 93.1
157 100.1 79.3 118.9





#89

1,2,4-Trichlorobenzene

Concen: 19.481 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

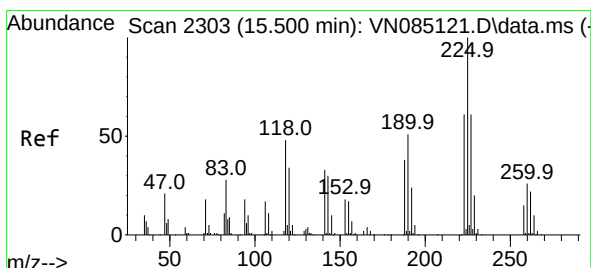
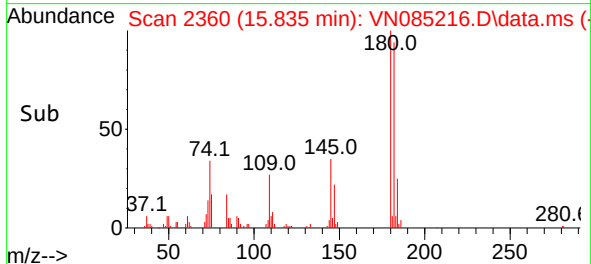
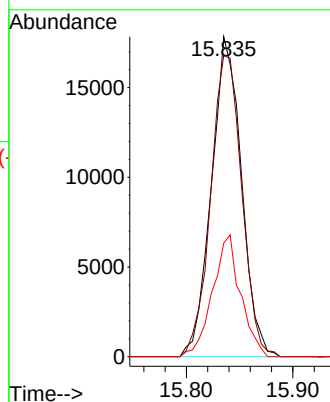
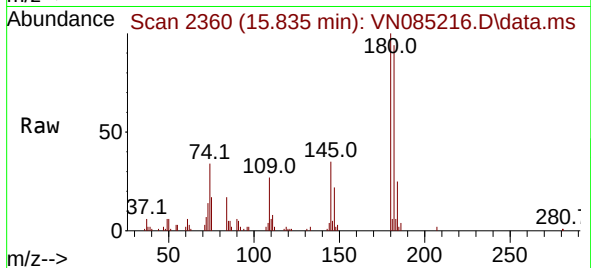
Tgt Ion:180 Resp: 34875

Ion Ratio Lower Upper

180 100

182 97.6 74.0 111.0

145 35.5 28.6 43.0



#90

Hexachlorobutadiene

Concen: 19.555 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

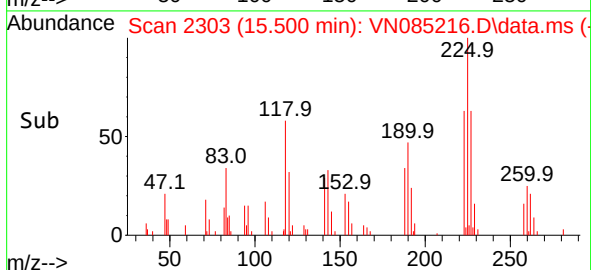
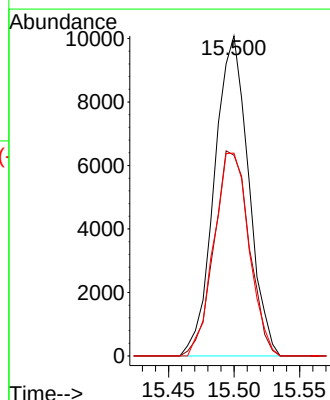
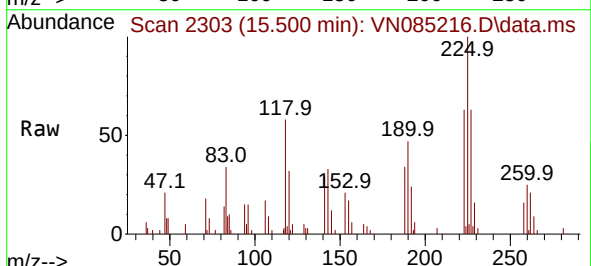
Tgt Ion:225 Resp: 18191

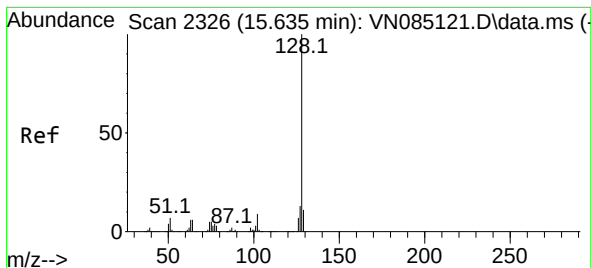
Ion Ratio Lower Upper

225 100

223 65.8 0.0 121.8

227 65.3 0.0 126.8





#91

Naphthalene

Concen: 19.380 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

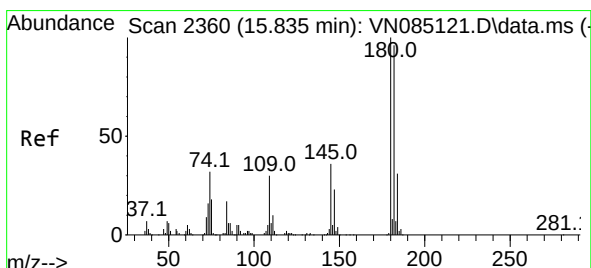
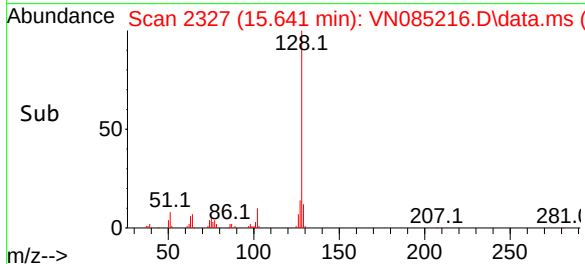
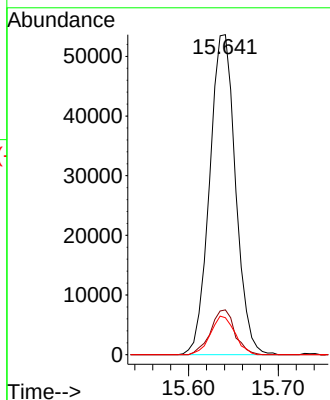
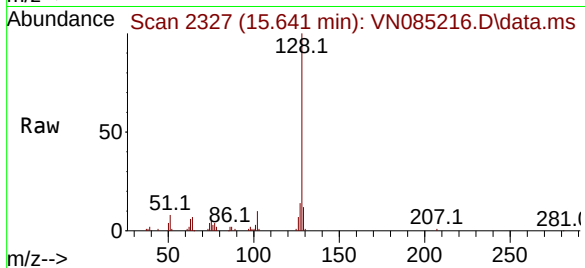
Tgt Ion:128 Resp: 107788

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.3 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 19.481 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085216.D

Acq: 16 Dec 2024 16:33

Tgt Ion:180 Resp: 34875

Ion Ratio Lower Upper

180 100

182 97.6 0.0 185.0

145 35.5 0.0 71.6

