

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084307.D
 Acq On : 04 Oct 2024 08:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 04 22:53:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30129	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	160732	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	149771	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	76689	27.846	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.833%
60) 4-Bromofluorobenzene	12.847	95	79327	30.732	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.433%
63) Toluene-d8	10.565	98	219952	31.716	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.733%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37469	18.571	ug/l	95
3) Chloromethane	2.359	50	43437	20.720	ug/l	95
4) Vinyl Chloride	2.512	62	40920	18.987	ug/l	92
5) Bromomethane	2.959	94	26522	22.026	ug/l	99
6) Chloroethane	3.124	64	27725	19.211	ug/l	99
7) Trichlorofluoromethane	3.494	101	69472	19.228	ug/l	93
8) Diethyl Ether	3.959	74	22771	18.548	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	40741	20.992	ug/l	95
10) 1,1-Dichloroethene	4.341	96	37933	20.257	ug/l	89
11) Methyl Iodide	4.589	142	46717	18.367	ug/l	90
12) Methyl Acetate	5.030	43	58362	25.843	ug/l #	81
13) Acrolein	4.183	56	41916	127.180	ug/l	93
14) Acrylonitrile	5.724	53	103509	113.260	ug/l	97
15) Acetone	4.430	58	36293	119.715	ug/l	80
16) Carbon Disulfide	4.712	76	102313	19.333	ug/l	100
17) Allyl chloride	5.024	41	58518	17.820	ug/l	84
18) Methylene Chloride	5.277	84	43861	21.409	ug/l	90
19) trans-1,2-Dichloroethene	5.788	96	38985	20.087	ug/l	95
20) Diisopropyl ether	6.677	45	140090	21.124	ug/l	96
21) 1,1-Dichloroethane	6.571	63	79309	20.946	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	47120	19.948	ug/l	94
23) tert-Butyl Alcohol	5.524	59	39376	117.412	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	126028	18.939	ug/l #	91
25) Chloroform	7.965	83	81600	20.336	ug/l	96
26) Cyclohexane	8.253	56	58197	17.452	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	55623	21.818	ug/l	97
30) 2-Butanone	7.482	43	154706	128.732	ug/l	94
31) 2,2-Dichloropropane	7.494	77	67815	20.864	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	74507	21.883	ug/l	97
33) Carbon Tetrachloride	8.359	117	63324	21.477	ug/l	92
34) Benzene	8.606	78	176035	23.013	ug/l	98
35) Methacrylonitrile	7.777	41	31359	23.212	ug/l	94
36) 1,2-Dichloroethane	8.671	62	61198	21.281	ug/l	98
37) Trichloroethene	9.347	130	40899	22.769	ug/l	90
38) Methylcyclohexane	9.600	83	56584	18.538	ug/l	93
39) 1,2-Dichloropropane	9.618	63	43020	23.367	ug/l	99
40) Dibromomethane	9.706	93	30861	22.926	ug/l	95
41) Bromodichloromethane	9.888	83	66077	23.084	ug/l	98
42) Vinyl Acetate	6.606	43	488995	98.965	ug/l	96

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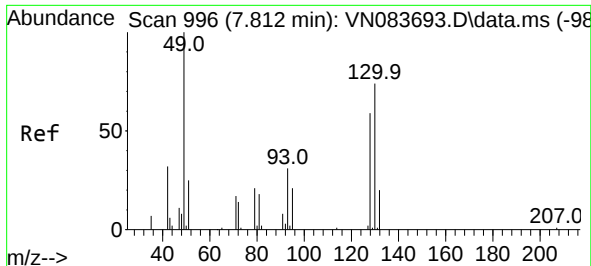
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	53125	21.962	ug/l	93
44) Isopropyl Acetate	8.688	43	99784	23.850	ug/l	90
45) 1,4-Dioxane	9.700	88	17507	536.504	ug/l	97
46) Methyl methacrylate	9.682	41	38143	18.836	ug/l	89
47) n-amyl Acetate	12.494	43	82600	22.288	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	63921	21.229	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	69685	22.254	ug/l #	90
50) 1,1,2-Trichloroethane	11.018	97	42091	24.573	ug/l	98
51) Ethyl methacrylate	10.870	69	61616	21.055	ug/l	84
52) 1,3-Dichloropropane	11.165	76	70367	22.748	ug/l	100
53) Dibromochloromethane	11.359	129	48460	23.587	ug/l	99
54) 1,2-Dibromoethane	11.465	107	40844	23.049	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	144532	123.928	ug/l	98
56) Bromoform	12.576	173	31267	23.955	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	300329	126.465	ug/l #	89
59) 2-Hexanone	11.194	43	223129	124.345	ug/l	89
61) Tetrachloroethene	11.100	164	35694	22.519	ug/l	99
62) Toluene	10.629	91	190577	22.138	ug/l	98
64) Chlorobenzene	11.894	112	114704	21.521	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	41681	22.449	ug/l	98
66) Ethyl Benzene	11.965	91	191890	19.601	ug/l	100
67) m/p-Xylenes	12.070	106	151331	42.017	ug/l	98
68) o-Xylene	12.400	106	71950	20.641	ug/l	99
69) Styrene	12.412	104	123589	20.983	ug/l	99
70) Isopropylbenzene	12.694	105	182859	19.878	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	59264	23.588	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	77388	35.131	ug/l	64
73) Bromobenzene	12.976	156	45093	21.342	ug/l	95
74) n-propylbenzene	13.035	91	223892	20.791	ug/l	99
75) 2-Chlorotoluene	13.123	91	139782	20.798	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	159077	20.702	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	20388	21.896	ug/l	91
78) 4-Chlorotoluene	13.223	91	142270	20.873	ug/l	100
79) tert-butylbenzene	13.435	119	131586	19.583	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	161436	20.790	ug/l	97
81) sec-Butylbenzene	13.617	105	185042	20.159	ug/l	99
82) p-Isopropyltoluene	13.729	119	152026	19.685	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	85901	21.123	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	83228	20.471	ug/l	98
85) n-Butylbenzene	14.059	91	125465	18.409	ug/l	99
86) Hexachloroethane	14.335	117	30826	21.062	ug/l	91
87) 1,2-Dichlorobenzene	14.106	146	82550	20.917	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11528	20.878	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	39204	18.132	ug/l	98
90) Hexachlorobutadiene	15.500	225	18674	20.866	ug/l	99
91) Naphthalene	15.635	128	114848	16.247	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39204	18.132	ug/l	98

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

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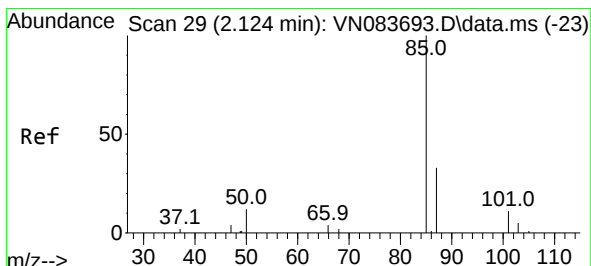
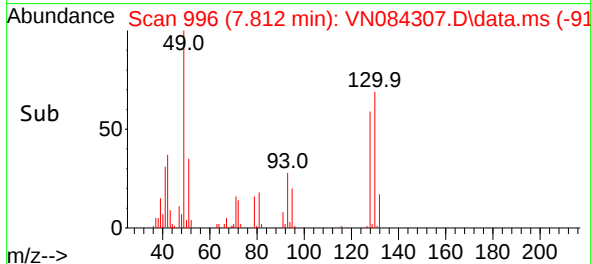
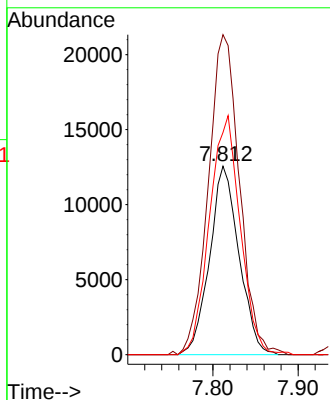
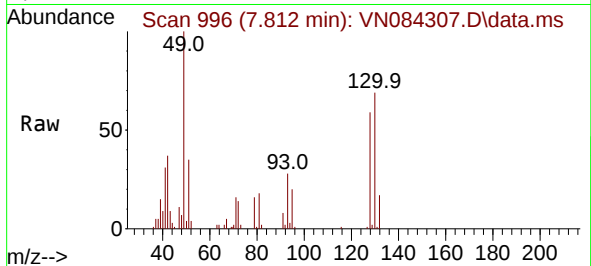




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

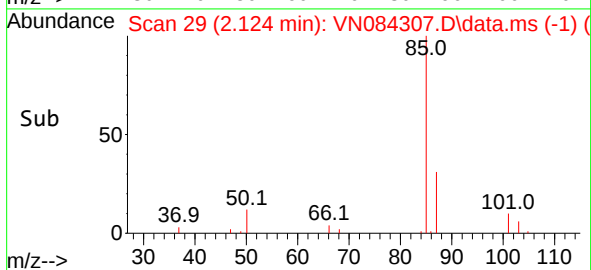
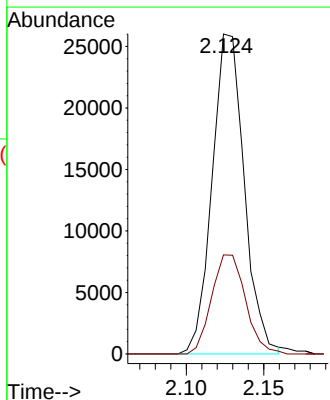
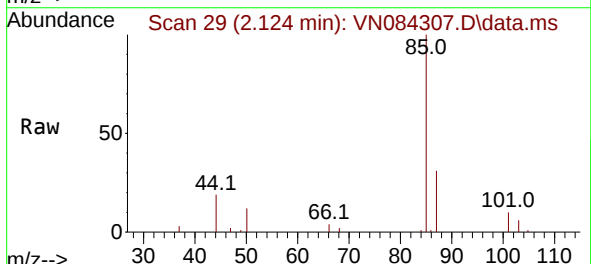
Instrument :
MSVOA_N
ClientSampleId :

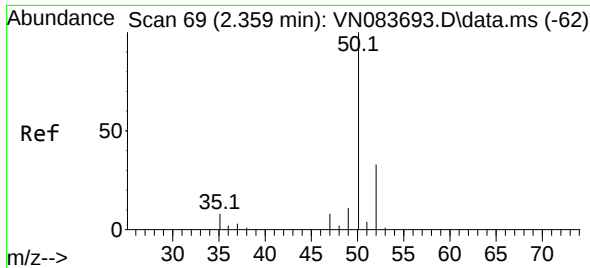
Tgt Ion:128 Resp: 30129
Ion Ratio Lower Upper
128 100
49 178.7 0.0 403.7
130 132.8 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 18.571 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 85 Resp: 37469
Ion Ratio Lower Upper
85 100
87 30.9 16.8 50.3

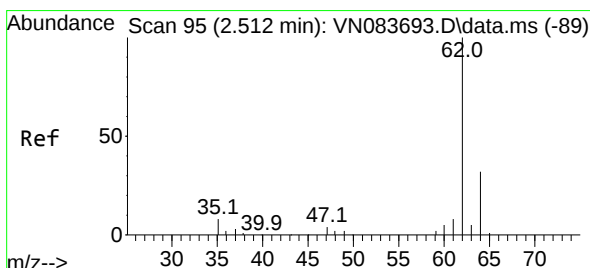
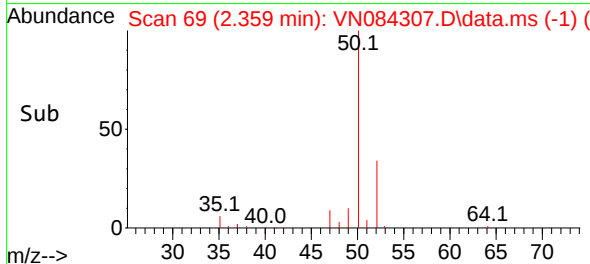
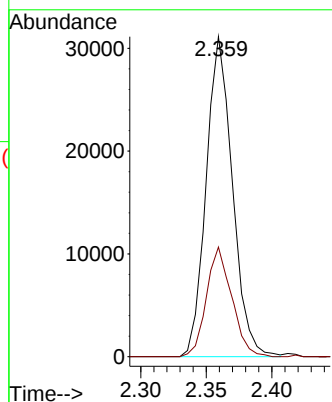
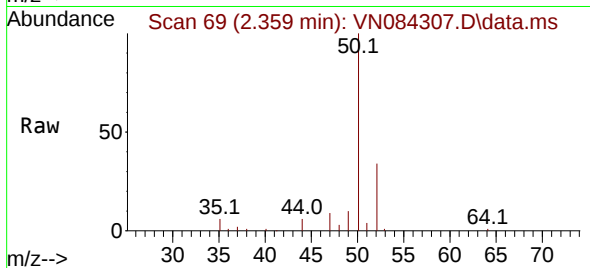




#3
Chloromethane
Concen: 20.720 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

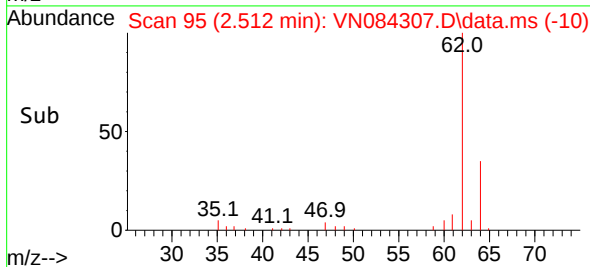
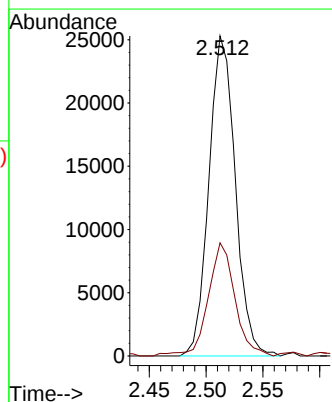
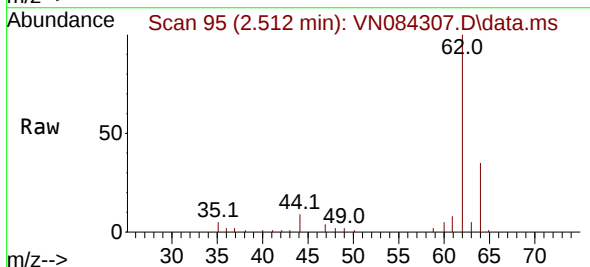
Instrument :
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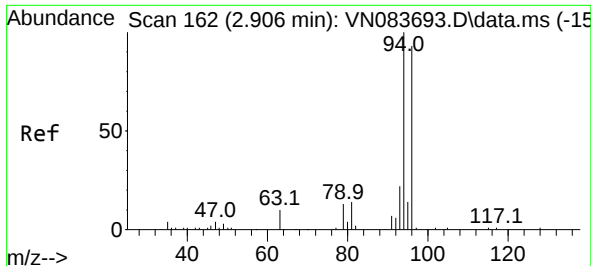
Tgt Ion: 50 Resp: 43437
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.0



#4
Vinyl Chloride
Concen: 18.987 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 62 Resp: 40920
Ion Ratio Lower Upper
62 100
64 34.6 24.1 36.1

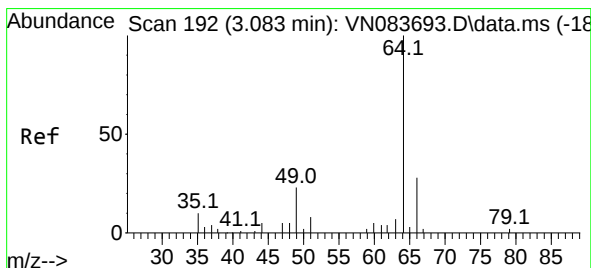
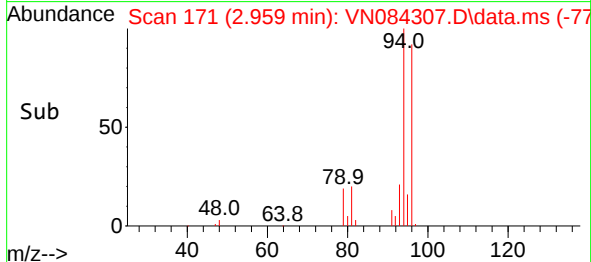
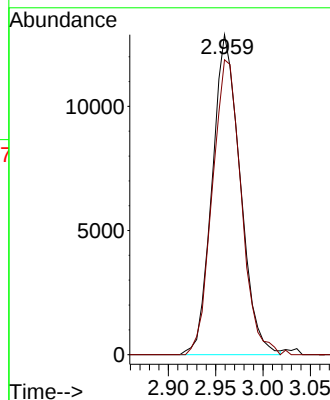
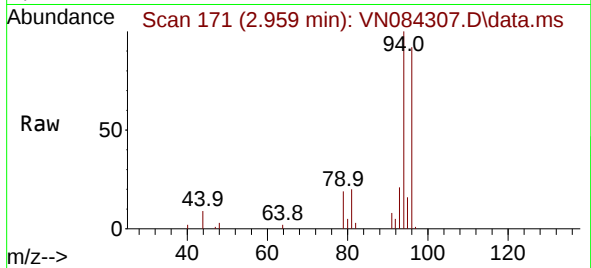




#5
Bromomethane
Concen: 22.026 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

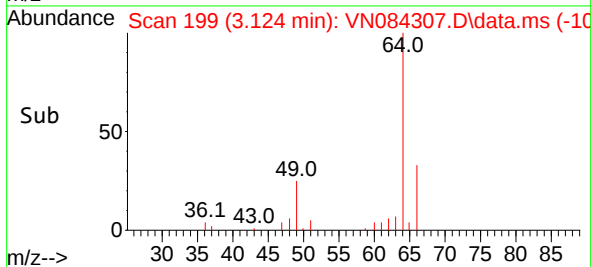
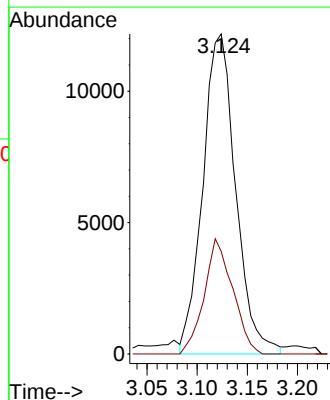
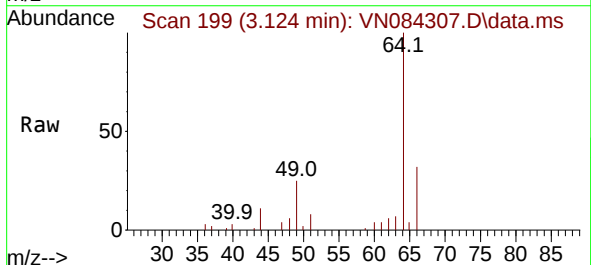
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MSVOA_N
ClientSampleId :

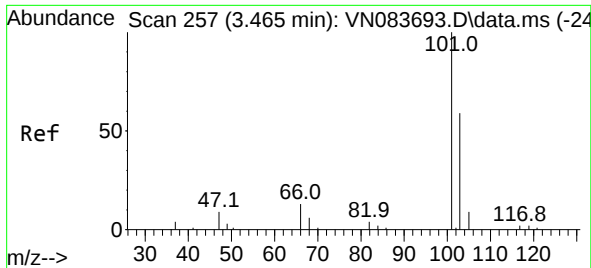
Tgt Ion: 94 Resp: 26522
Ion Ratio Lower Upper
94 100
96 92.2 72.8 109.2



#6
Chloroethane
Concen: 19.211 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 64 Resp: 27725
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1

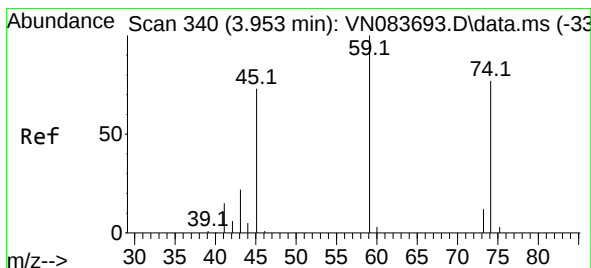
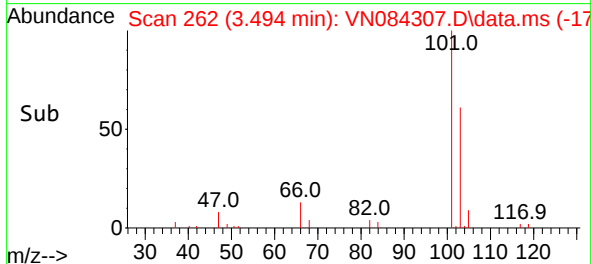
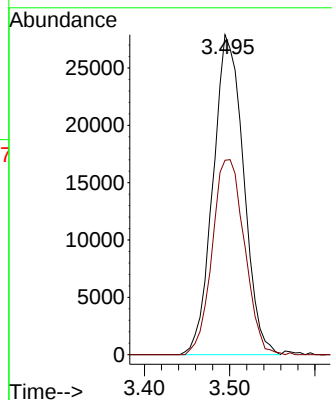
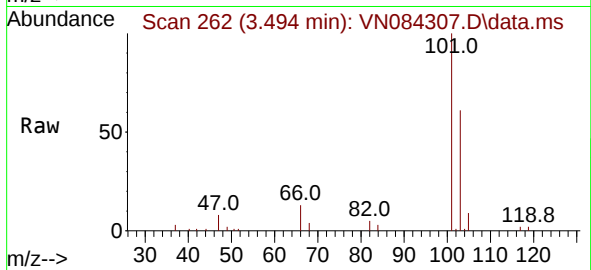




#7
 Trichlorofluoromethane
 Concen: 19.228 ug/l
 RT: 3.494 min Scan# 2
 Delta R.T. 0.029 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

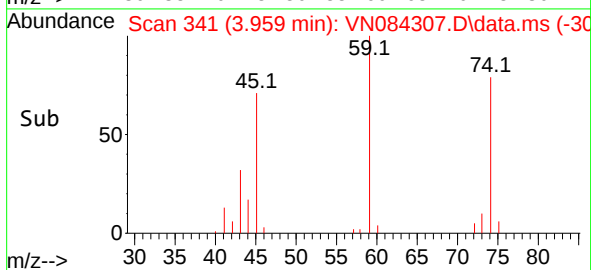
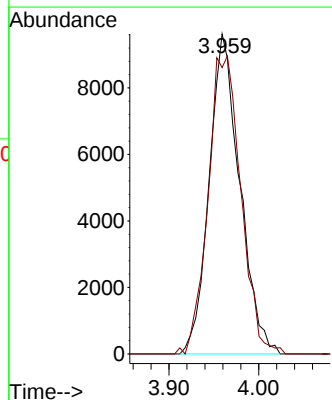
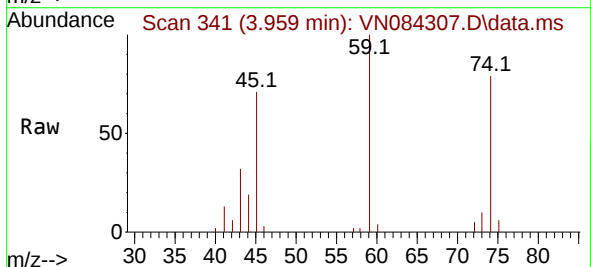
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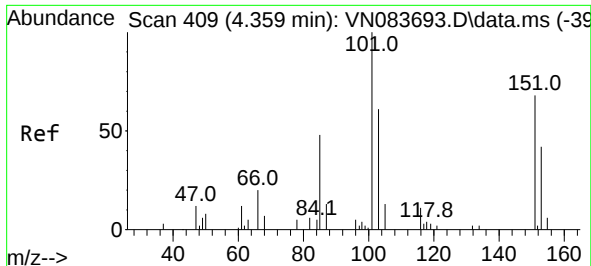
Tgt Ion:101 Resp: 69472
 Ion Ratio Lower Upper
 101 100
 103 60.8 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.548 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Tgt Ion: 74 Resp: 22771
 Ion Ratio Lower Upper
 74 100
 45 99.7 16.4 147.4

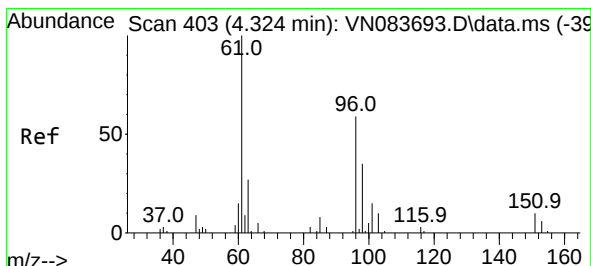
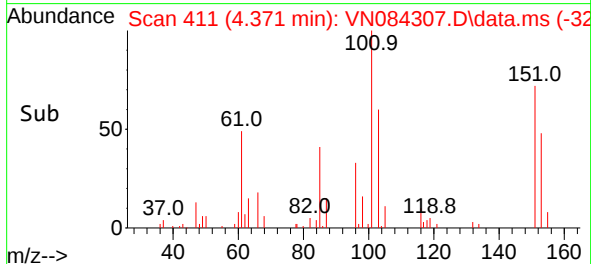
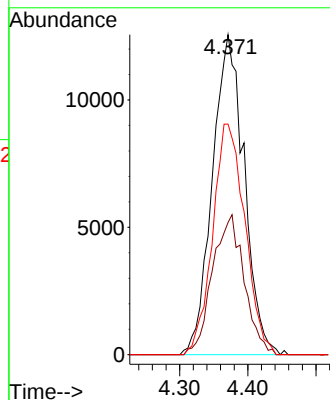
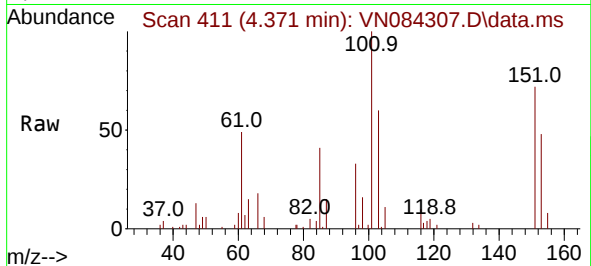




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.992 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

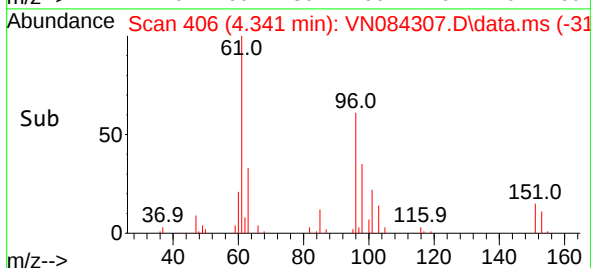
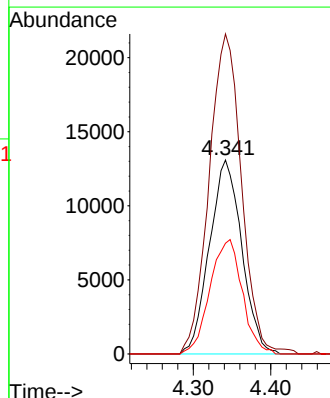
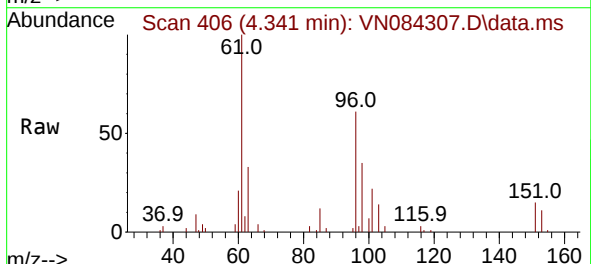
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ClientSampleId :

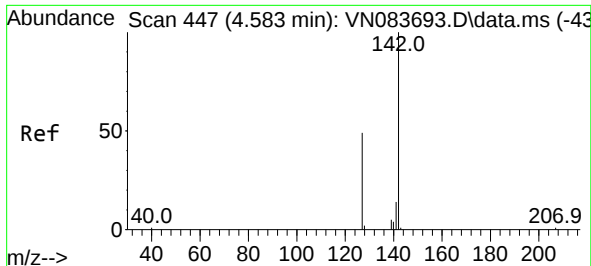
Tgt Ion:101 Resp: 40741
Ion Ratio Lower Upper
101 100
85 43.7 0.0 90.6
151 73.3 0.0 157.6



#10
1,1-Dichloroethene
Concen: 20.257 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 96 Resp: 37933
Ion Ratio Lower Upper
96 100
61 165.0 117.6 176.4
98 57.1 48.4 72.6

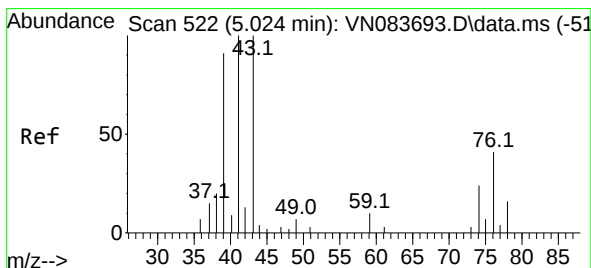
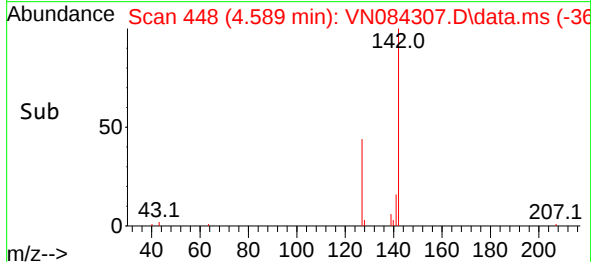
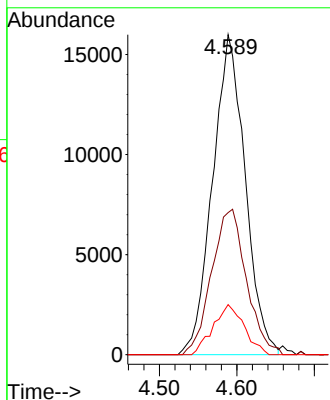
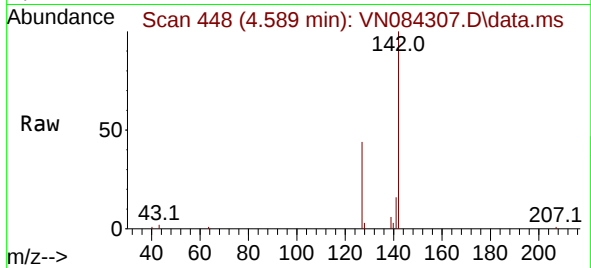




#11
Methyl Iodide
Concen: 18.367 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

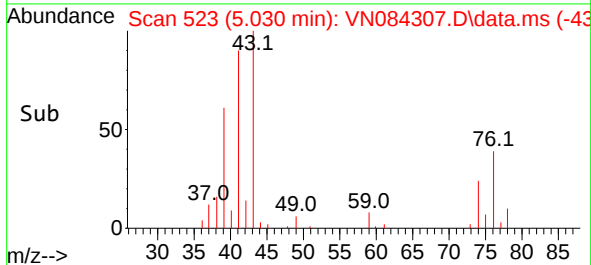
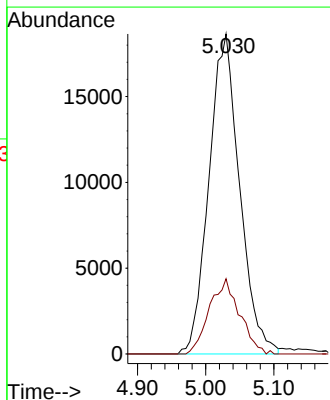
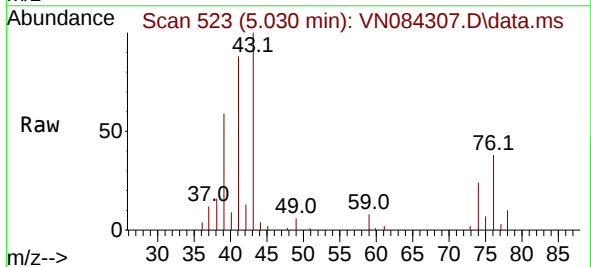
Instrument :
MSVOA_N
ClientSampleId :

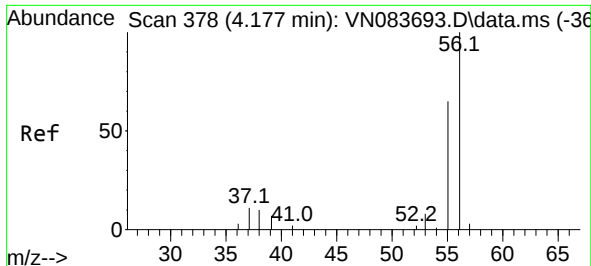
Tgt Ion:142 Resp: 46717
Ion Ratio Lower Upper
142 100
127 43.7 26.3 78.9
141 15.8 8.3 24.9



#12
Methyl Acetate
Concen: 25.843 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 43 Resp: 58362
Ion Ratio Lower Upper
43 100
74 23.7 27.7 41.5#





#13

Acrolein

Concen: 127.180 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

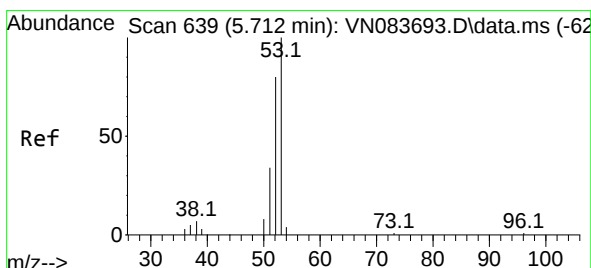
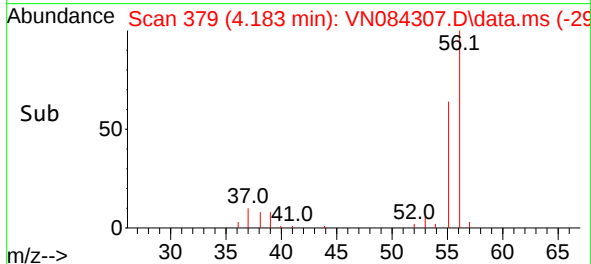
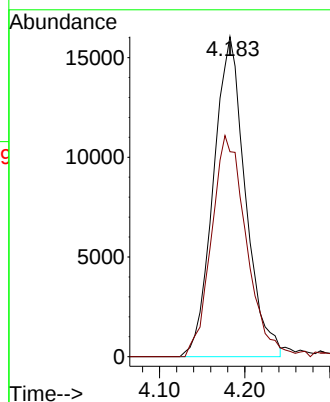
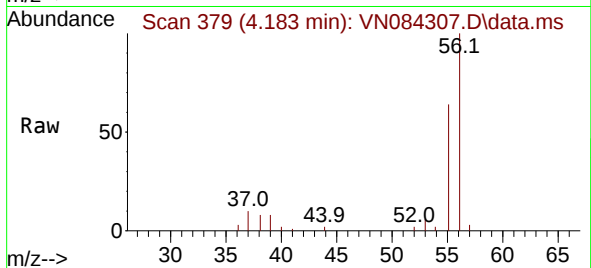
ClientSampleId :

Tgt Ion: 56 Resp: 41916

Ion Ratio Lower Upper

56 100

55 75.2 55.5 83.3



#14

Acrylonitrile

Concen: 113.260 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.012 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

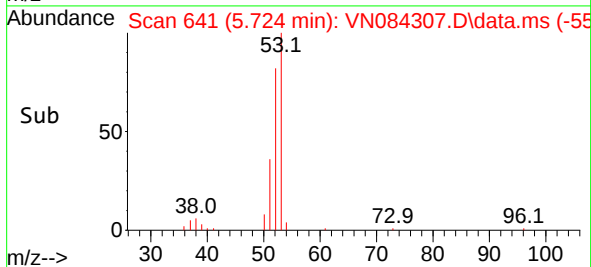
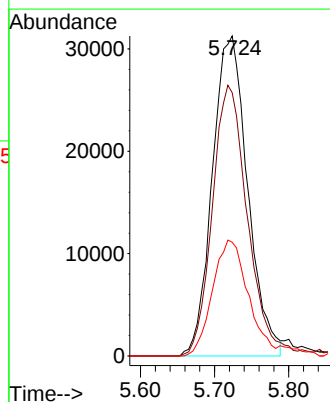
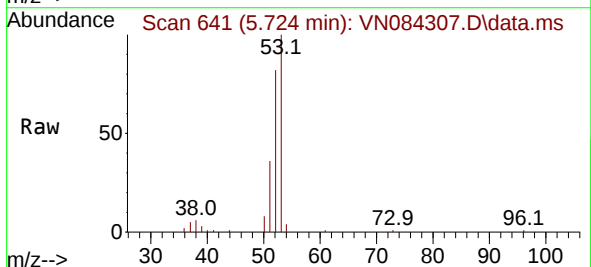
Tgt Ion: 53 Resp: 103509

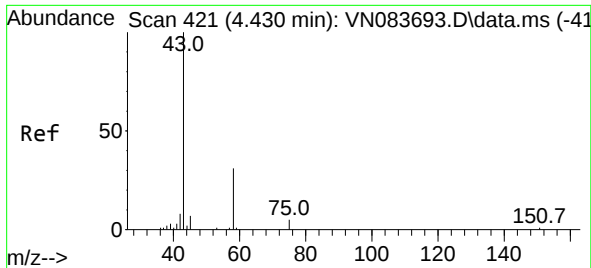
Ion Ratio Lower Upper

53 100

52 84.0 41.3 123.9

51 36.4 16.8 50.3

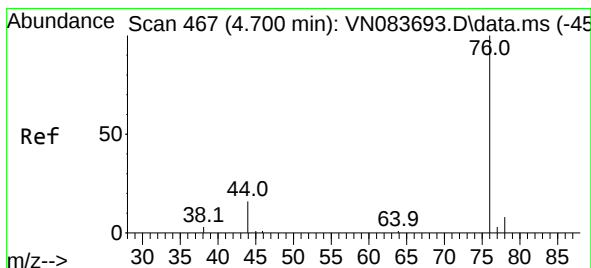
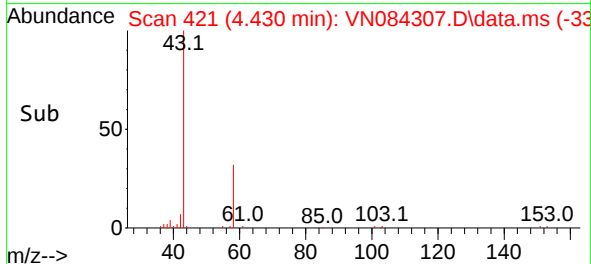
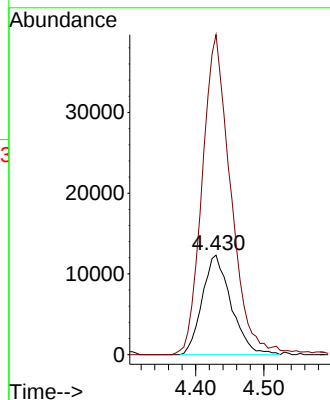
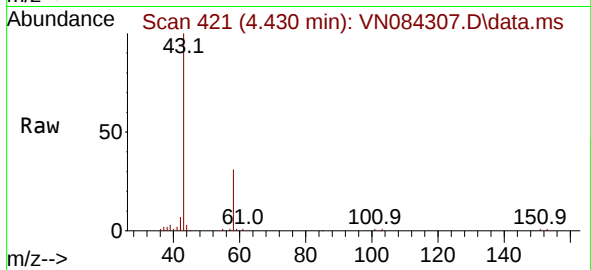




#15
Acetone
Concen: 119.715 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

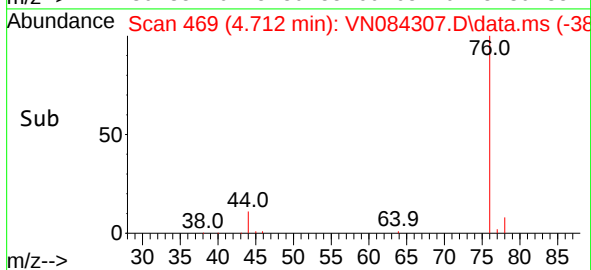
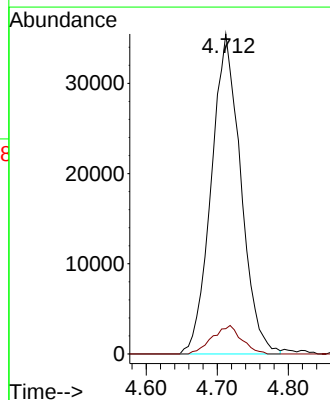
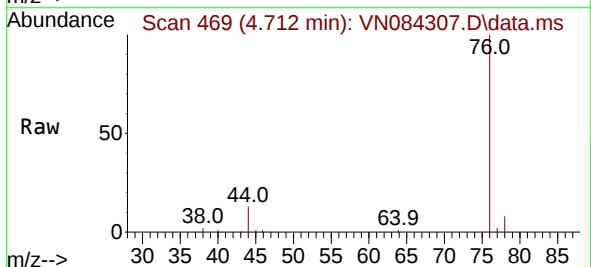
Instrument :
MSVOA_N
ClientSampleId :

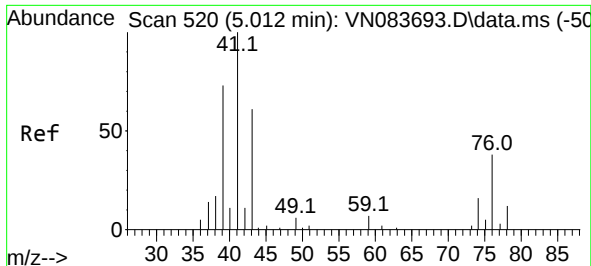
Tgt Ion: 58 Resp: 36293
Ion Ratio Lower Upper
58 100
43 317.0 223.1 334.7



#16
Carbon Disulfide
Concen: 19.333 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 76 Resp: 102313
Ion Ratio Lower Upper
76 100
78 7.9 6.3 9.5





#17

Allyl chloride

Concen: 17.820 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

ClientSampleId :

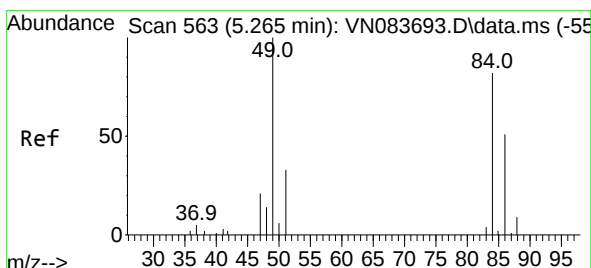
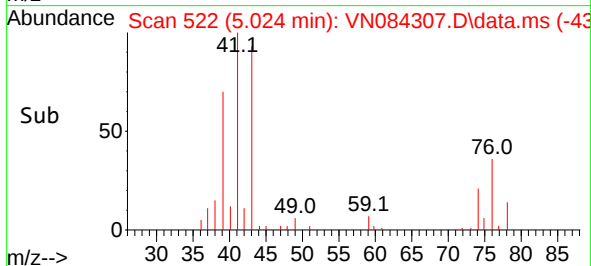
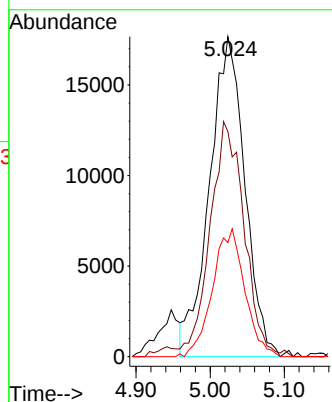
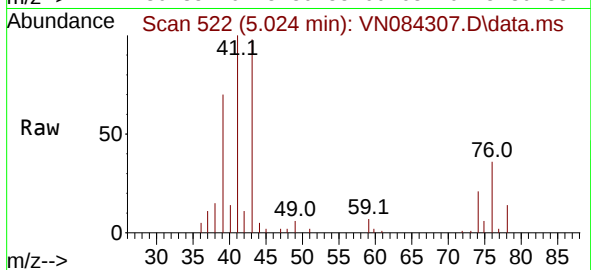
Tgt Ion: 41 Resp: 58518

Ion Ratio Lower Upper

41 100

39 69.2 37.6 112.9

76 35.7 27.8 83.4



#18

Methylene Chloride

Concen: 21.409 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Tgt Ion: 84 Resp: 43861

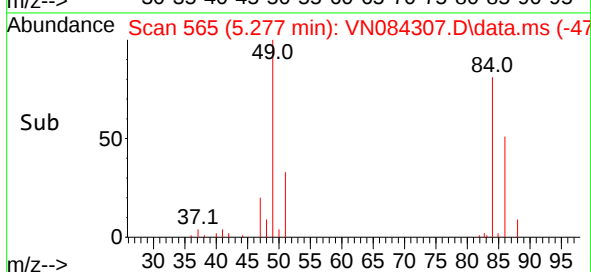
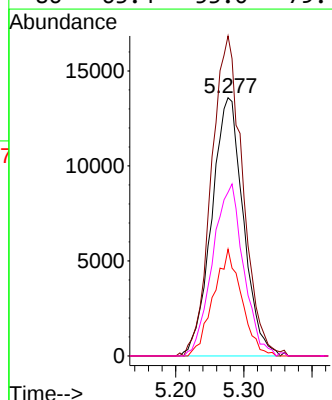
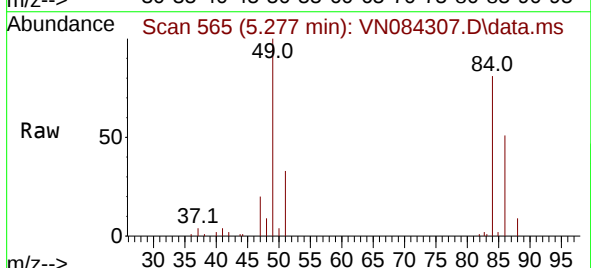
Ion Ratio Lower Upper

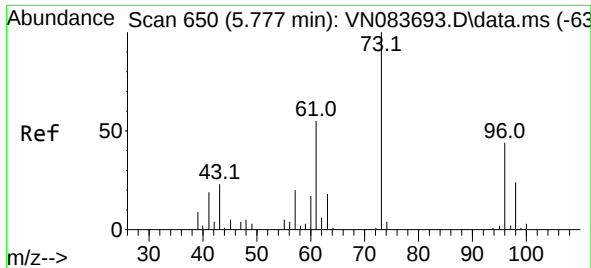
84 100

49 122.8 86.0 129.0

51 41.3 30.0 45.0

86 63.4 53.0 79.4

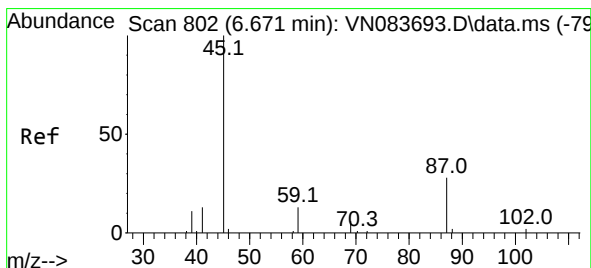
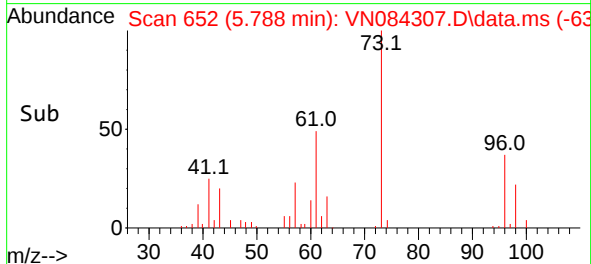
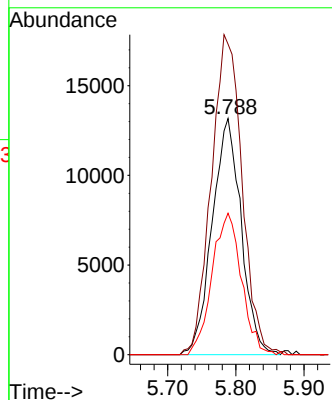
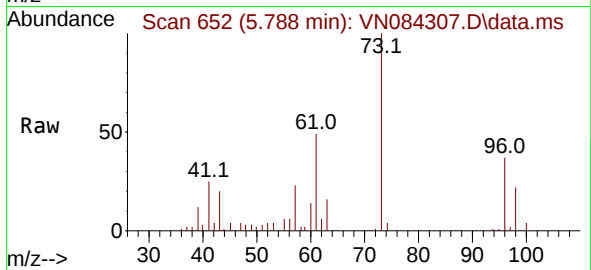




#19
trans-1,2-Dichloroethene
Concen: 20.087 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

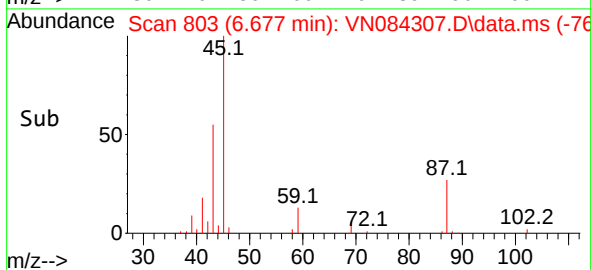
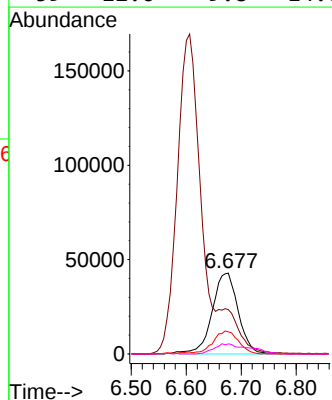
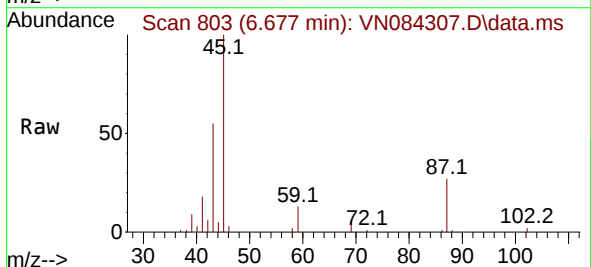
Instrument :
MSVOA_N
ClientSampleId :

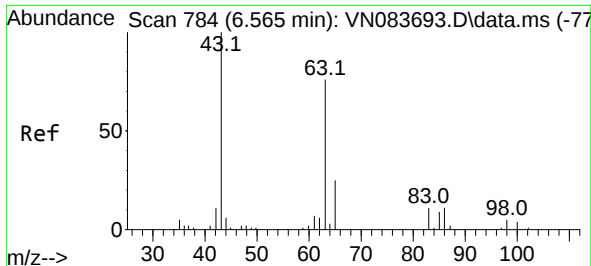
Tgt Ion: 96 Resp: 38985
Ion Ratio Lower Upper
96 100
61 131.5 111.8 167.6
98 59.9 49.2 73.8



#20
Diisopropyl ether
Concen: 21.124 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 45 Resp: 140090
Ion Ratio Lower Upper
45 100
43 53.2 40.4 60.6
87 27.4 23.8 35.8
59 12.6 9.8 14.6

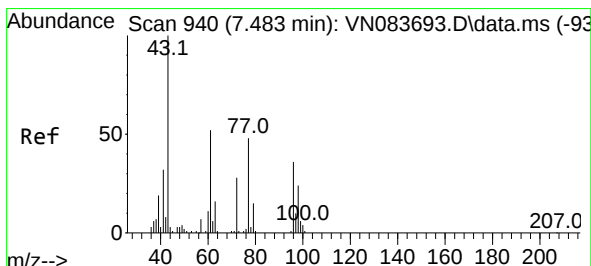
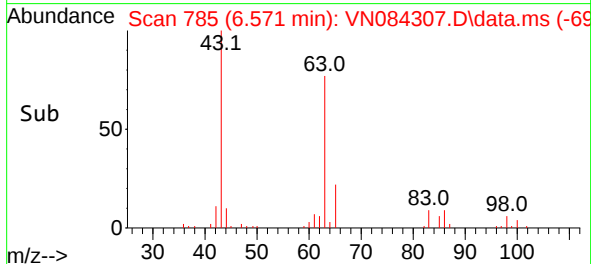
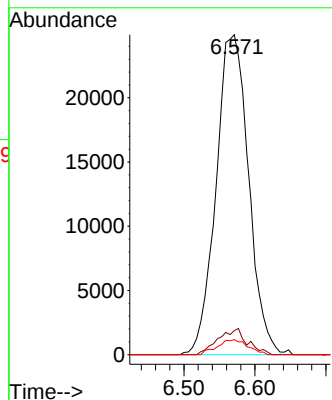
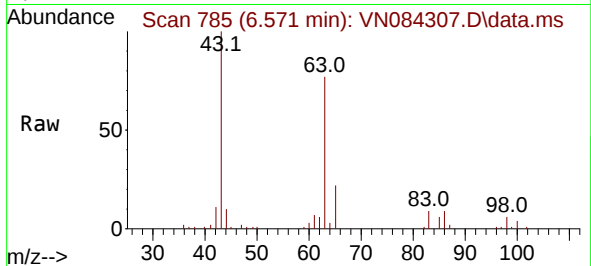




#21
1,1-Dichloroethane
Concen: 20.946 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

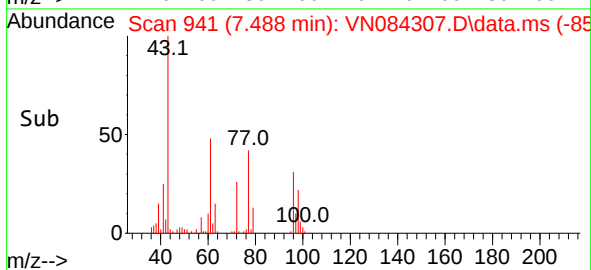
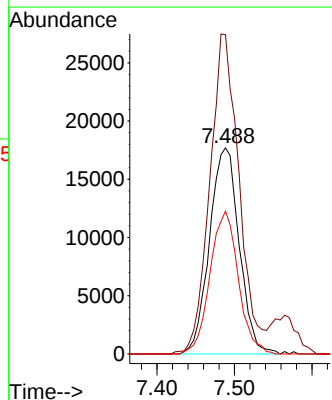
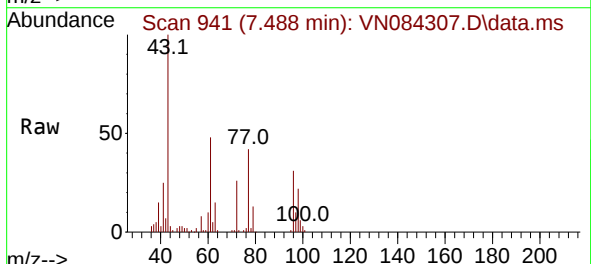
Instrument :
MSVOA_N
ClientSampleId :

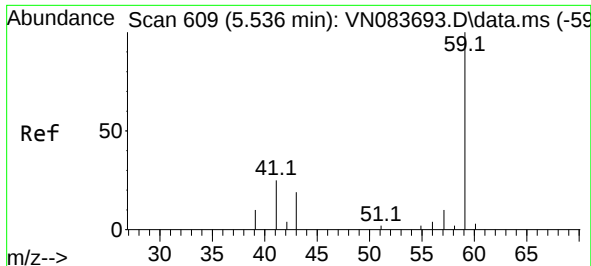
Tgt Ion: 63 Resp: 79309
Ion Ratio Lower Upper
63 100
98 7.5 4.1 12.3
100 4.7 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.948 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 96 Resp: 47120
Ion Ratio Lower Upper
96 100
61 151.1 113.5 170.3
98 66.1 52.0 78.0

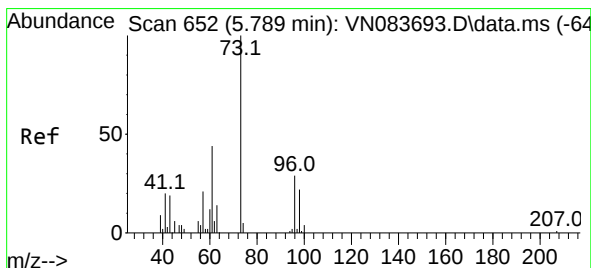
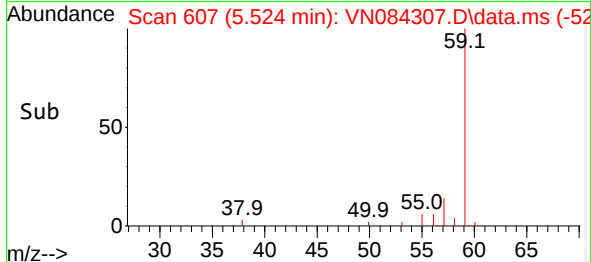
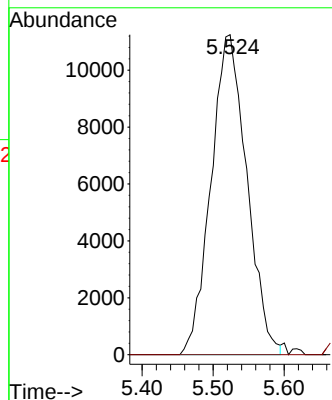
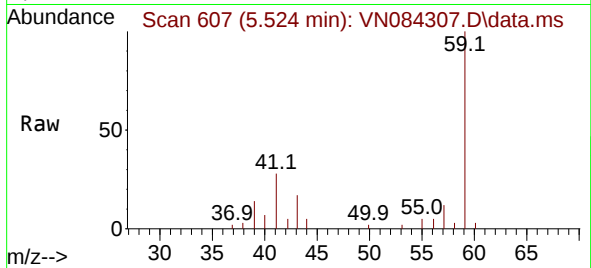




#23
tert-Butyl Alcohol
Concen: 117.412 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

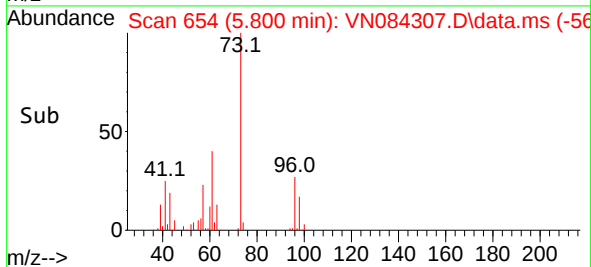
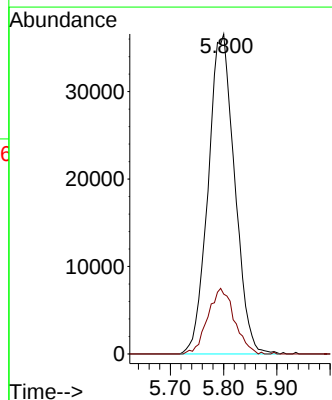
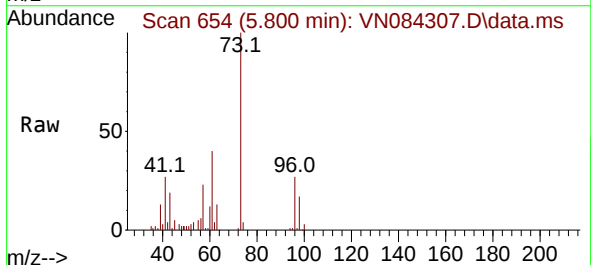
Instrument :
MSVOA_N
ClientSampleId :

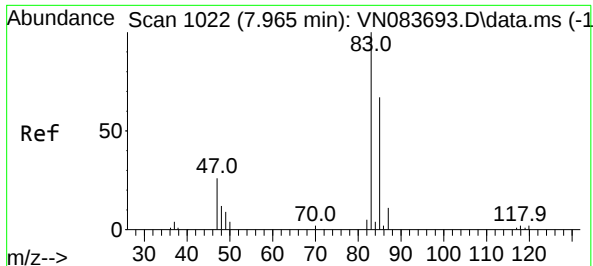
Tgt Ion: 59 Resp: 39376
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.939 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 73 Resp: 126028
Ion Ratio Lower Upper
73 100
43 20.6 13.4 20.2#

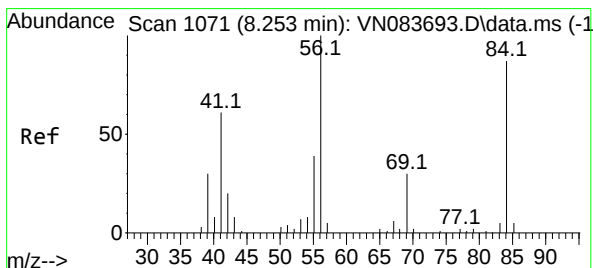
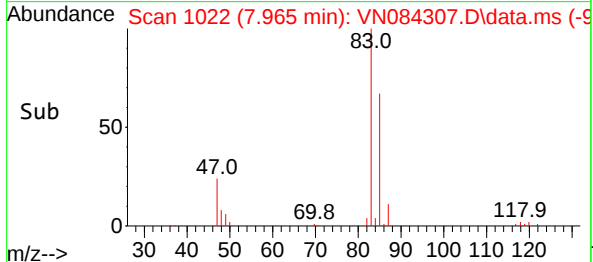
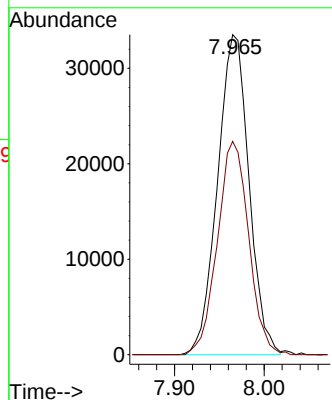
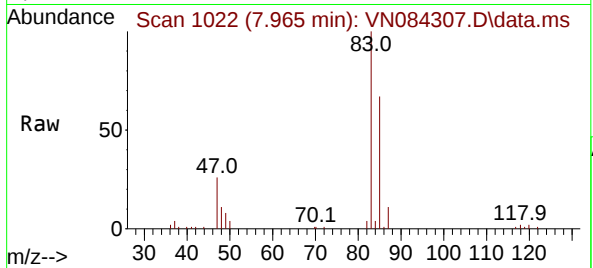




#25
Chloroform
Concen: 20.336 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

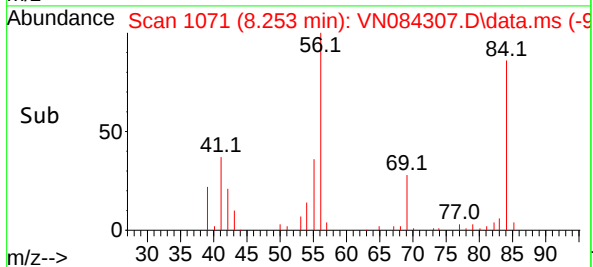
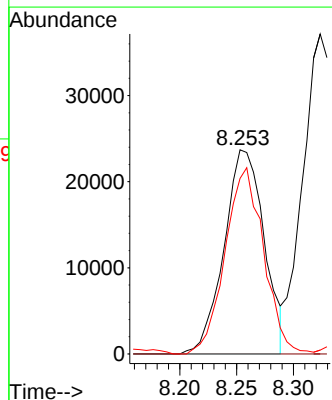
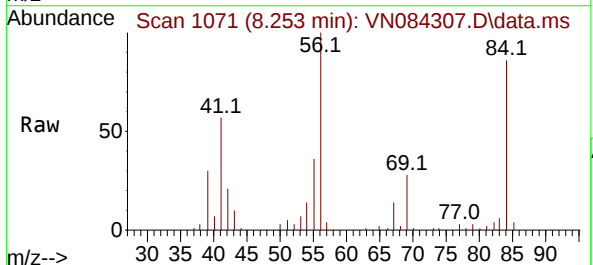
Instrument :
MSVOA_N
ClientSampleId :

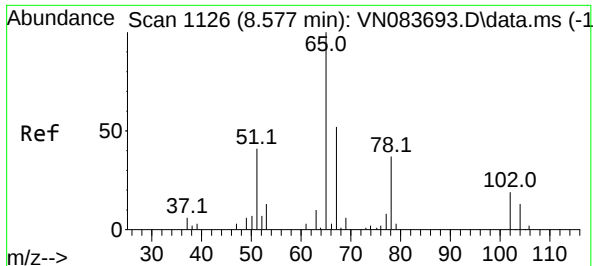
Tgt Ion: 83 Resp: 81600
Ion Ratio Lower Upper
83 100
85 66.6 50.9 76.3



#26
Cyclohexane
Concen: 17.452 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 56 Resp: 58197
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.7 71.3 106.9

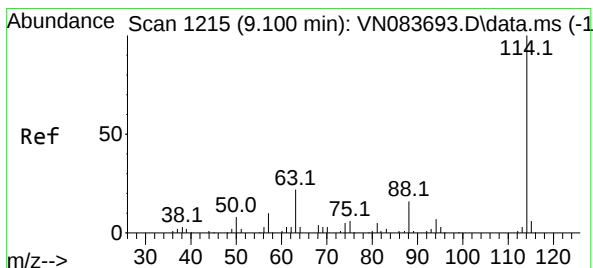
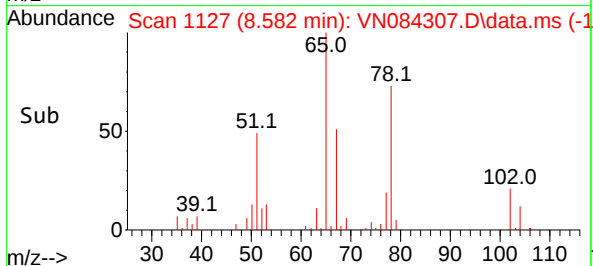
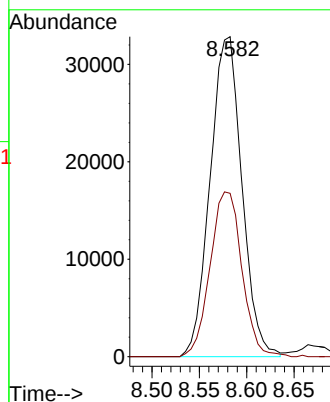
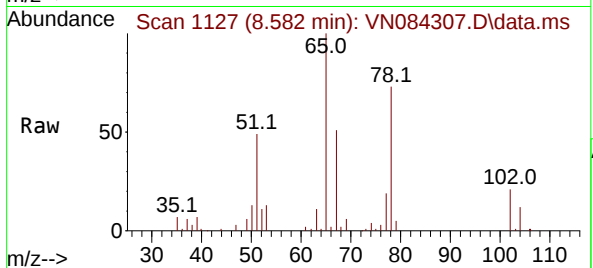




#27
 1,2-Dichloroethane-d4
 Concen: 27.846 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

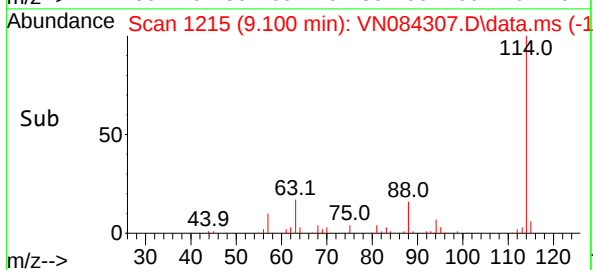
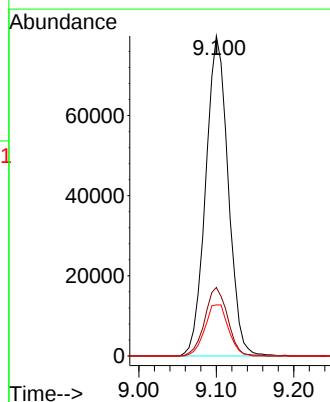
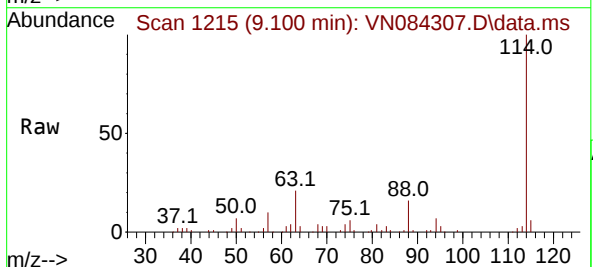
Instrument :
 MSVOA_N
 ClientSampleId :

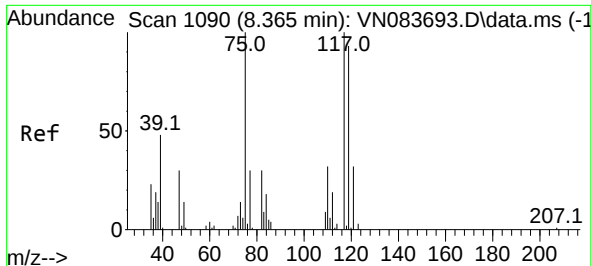
Tgt Ion: 65 Resp: 76689
 Ion Ratio Lower Upper
 65 100
 67 51.5 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Tgt Ion: 114 Resp: 160732
 Ion Ratio Lower Upper
 114 100
 63 21.7 15.9 23.9
 88 16.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.818 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

ClientSampleId :

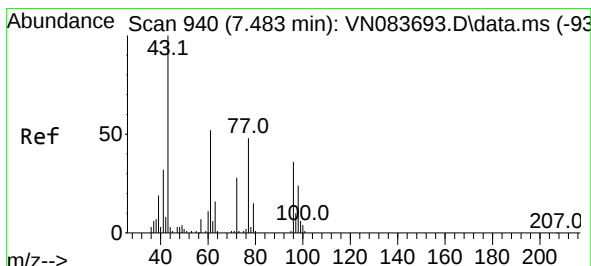
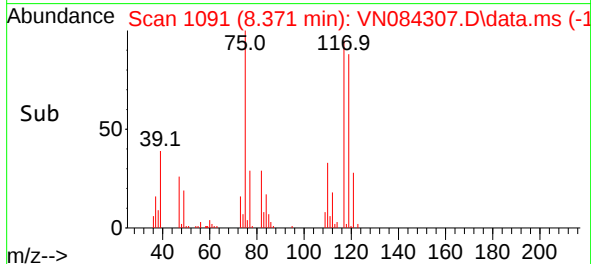
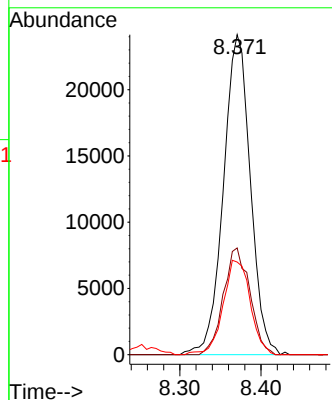
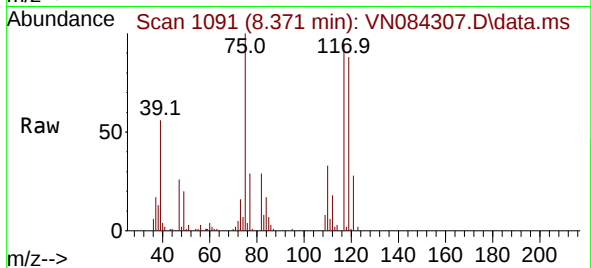
Tgt Ion: 75 Resp: 55623

Ion Ratio Lower Upper

75 100

110 32.8 0.0 70.2

77 29.4 0.0 61.4



#30

2-Butanone

Concen: 128.732 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

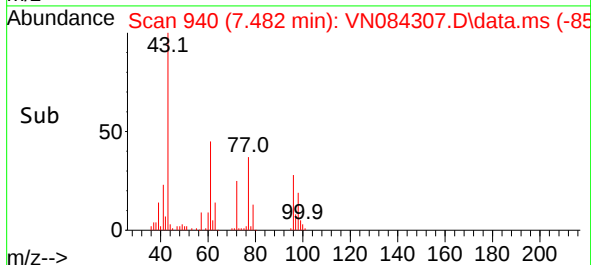
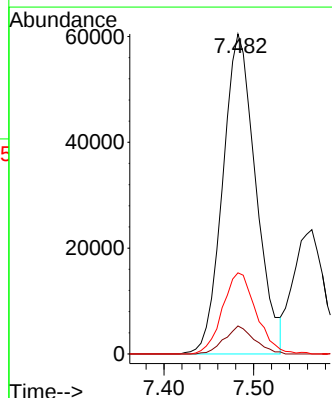
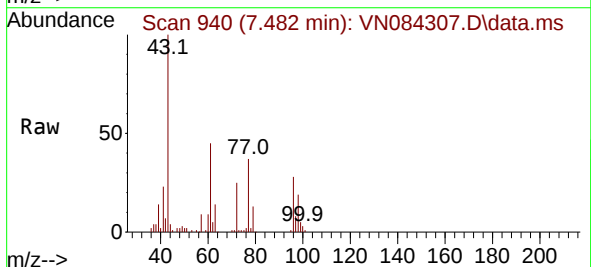
Tgt Ion: 43 Resp: 154706

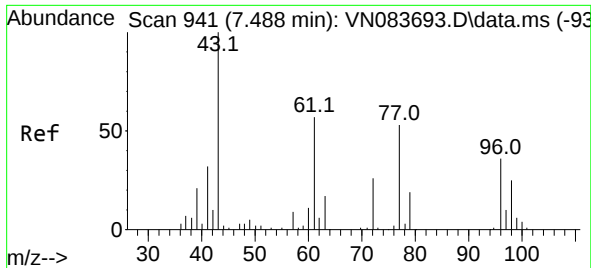
Ion Ratio Lower Upper

43 100

57 7.9 6.7 10.1

72 25.7 24.0 36.0

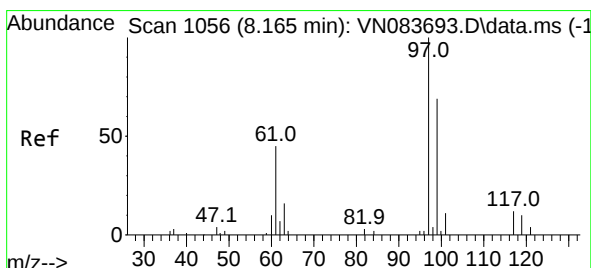
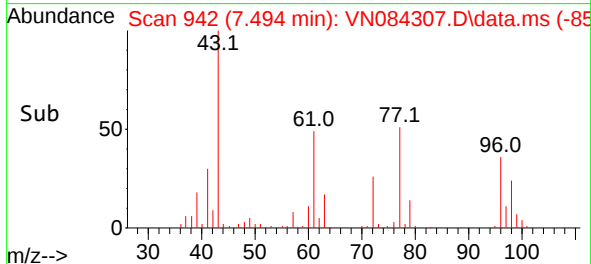
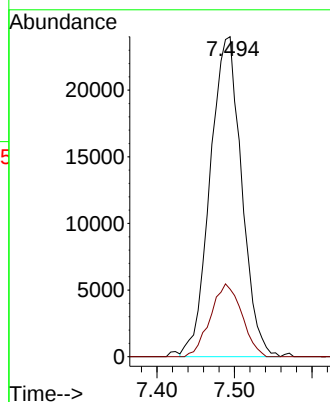
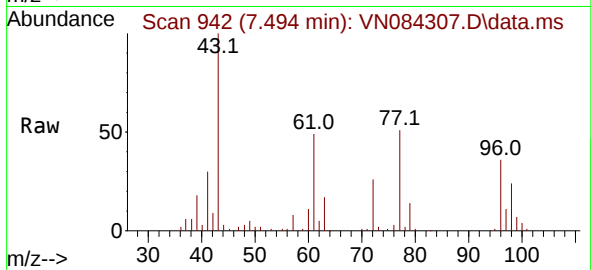




#31
2,2-Dichloropropane
Concen: 20.864 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

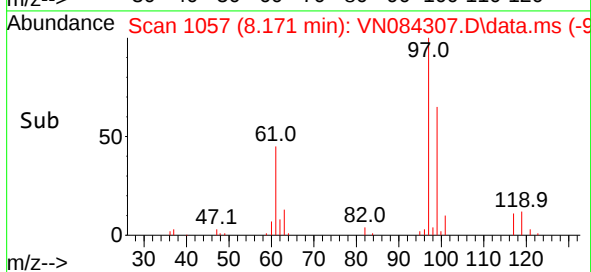
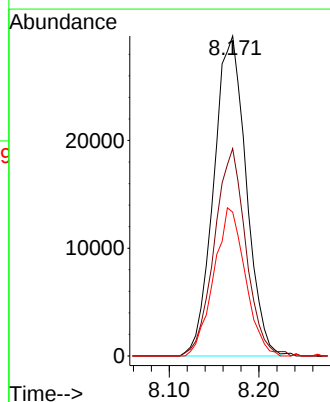
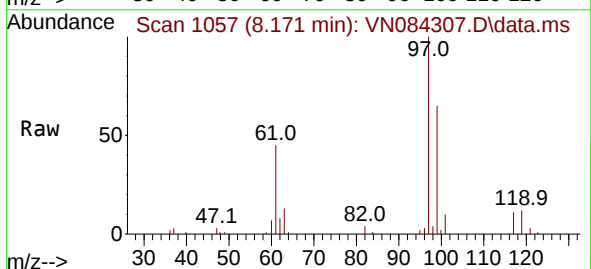
Instrument :
MSVOA_N
ClientSampleId :

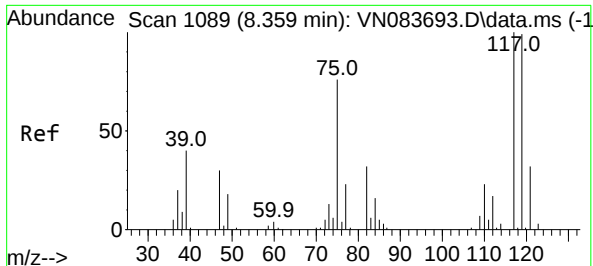
Tgt Ion: 77 Resp: 67815
Ion Ratio Lower Upper
77 100
97 22.6 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 21.883 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

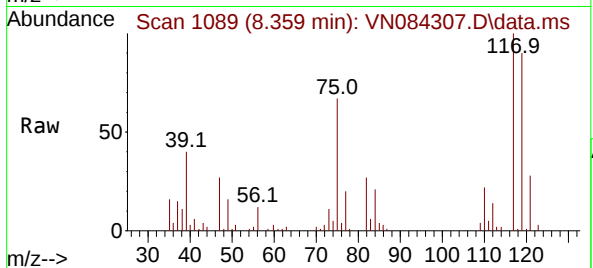
Tgt Ion: 97 Resp: 74507
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.4
61 44.9 33.8 50.8



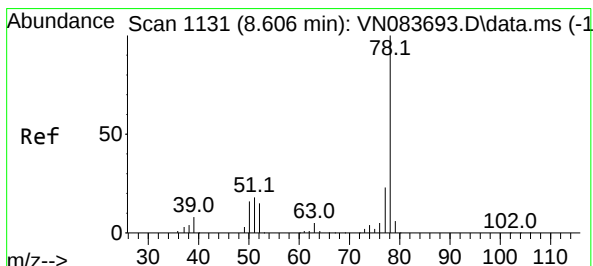
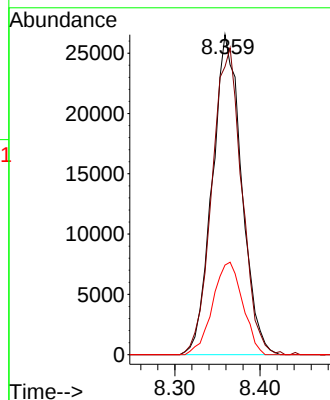
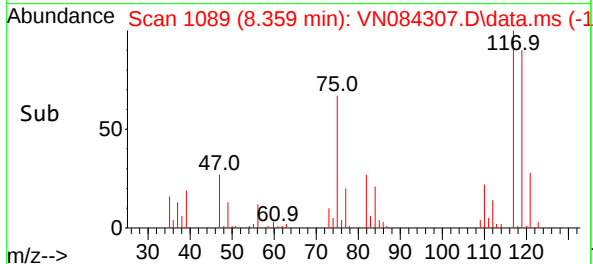


#33
Carbon Tetrachloride
Concen: 21.477 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Instrument :
MSVOA_N
ClientSampleId :

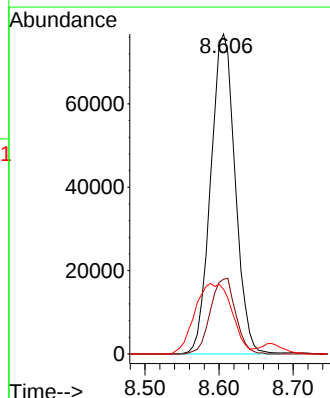
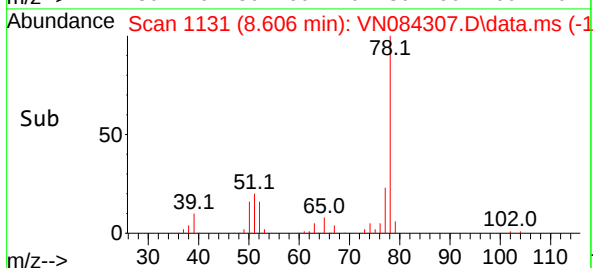
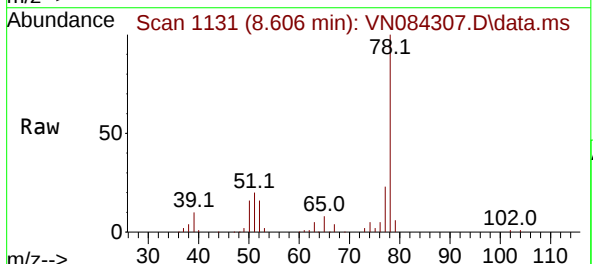


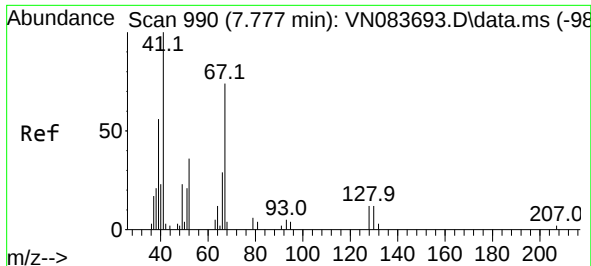
Tgt Ion:117 Resp: 63324
Ion Ratio Lower Upper
117 100
119 90.0 77.7 116.5
121 28.0 27.0 40.6



#34
Benzene
Concen: 23.013 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

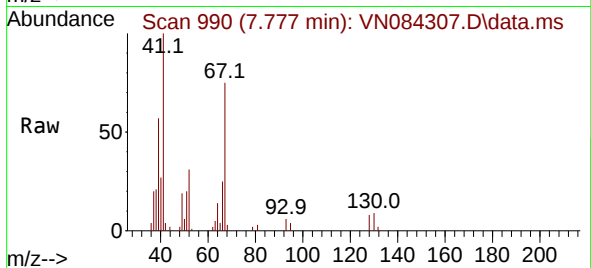
Tgt Ion: 78 Resp: 176035
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 18.3 13.3 19.9



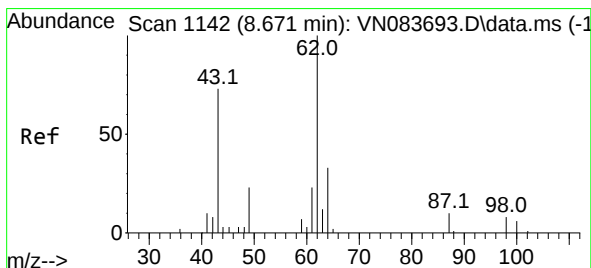
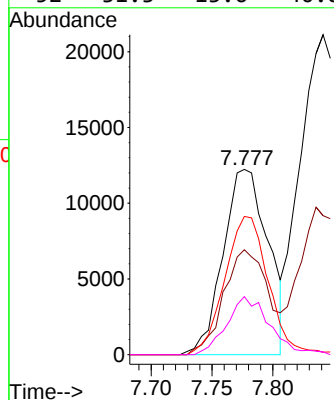
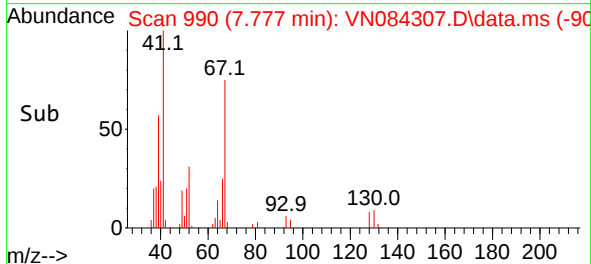


#35
Methacrylonitrile
Concen: 23.212 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Instrument :
MSVOA_N
ClientSampleId :

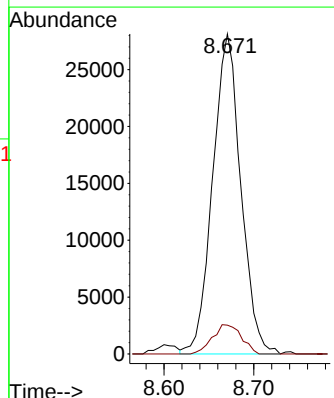
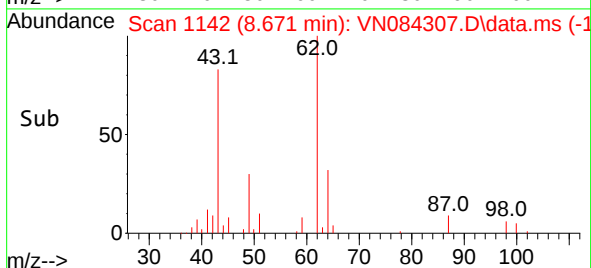
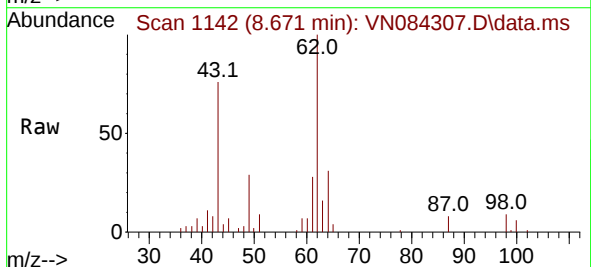


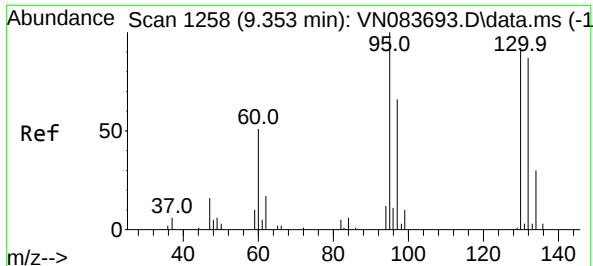
Tgt Ion:	41	Resp:	31359
Ion	Ratio	Lower	Upper
41	100		
39	56.7	25.3	75.9
67	74.7	38.7	116.1
52	31.3	13.6	40.8



#36
1,2-Dichloroethane
Concen: 21.281 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:	62	Resp:	61198
Ion	Ratio	Lower	Upper
62	100		
98	9.4	8.2	12.4





#37

Trichloroethene

Concen: 22.769 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

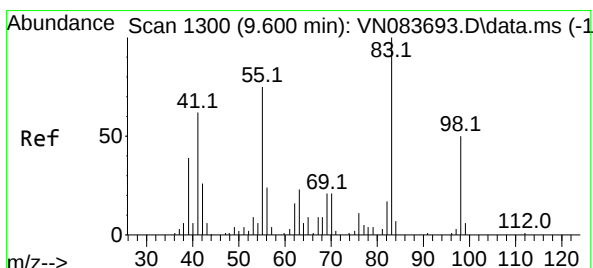
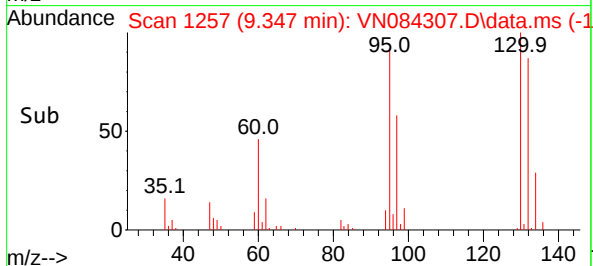
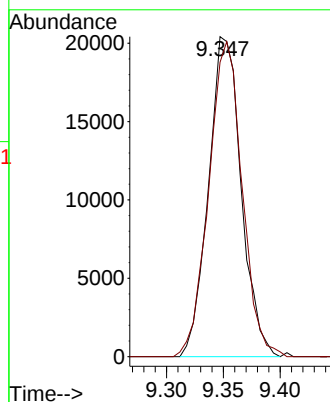
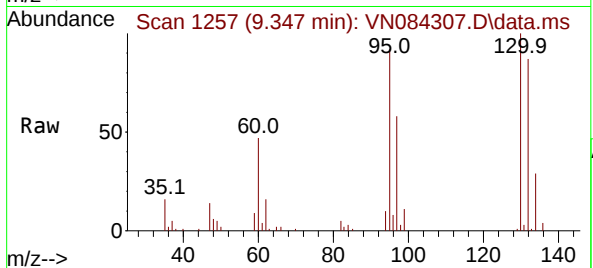
ClientSampleId :

Tgt Ion:130 Resp: 40899

Ion Ratio Lower Upper

130 100

95 90.6 80.2 120.4



#38

Methylcyclohexane

Concen: 18.538 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

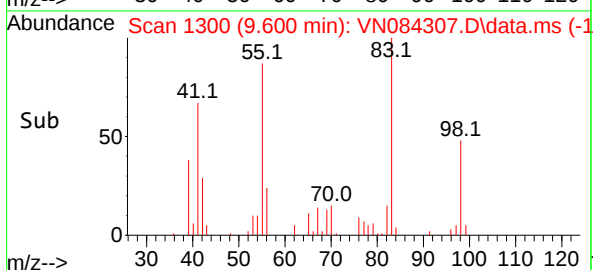
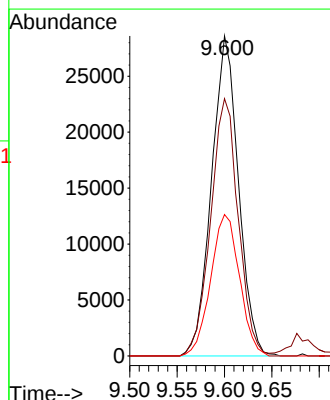
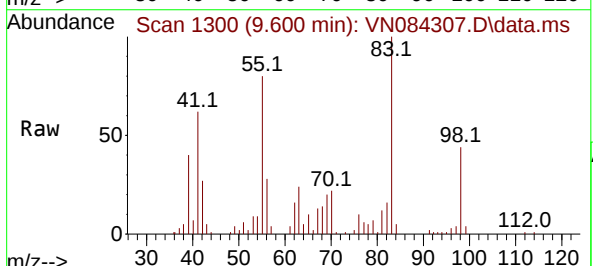
Tgt Ion: 83 Resp: 56584

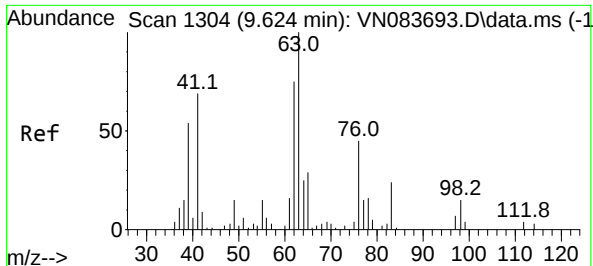
Ion Ratio Lower Upper

83 100

55 82.3 36.6 109.9

98 47.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 23.367 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

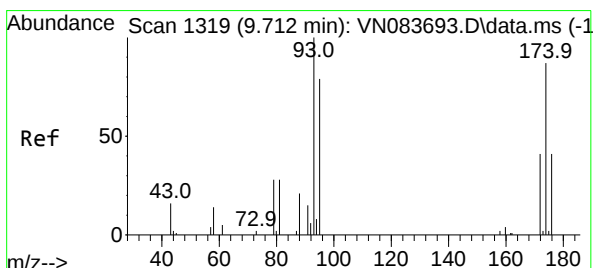
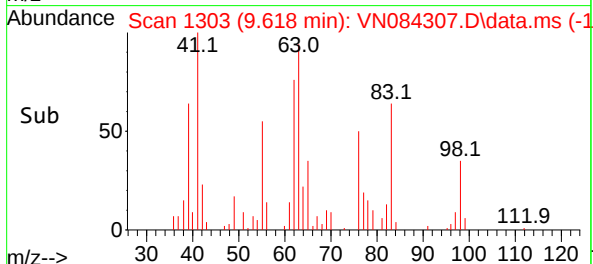
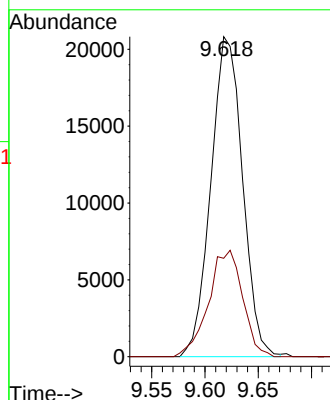
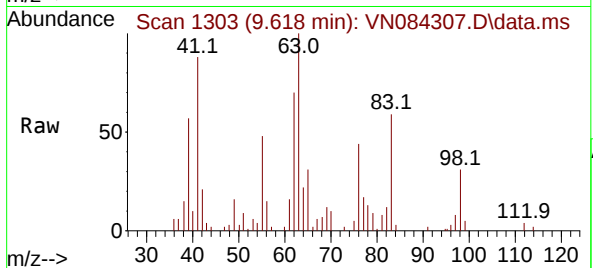
ClientSampleId :

Tgt Ion: 63 Resp: 43020

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#40

Dibromomethane

Concen: 22.926 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

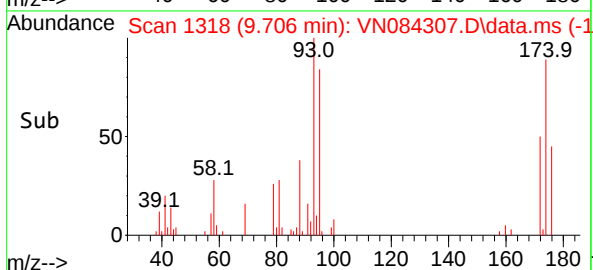
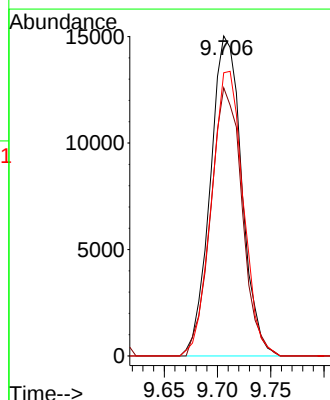
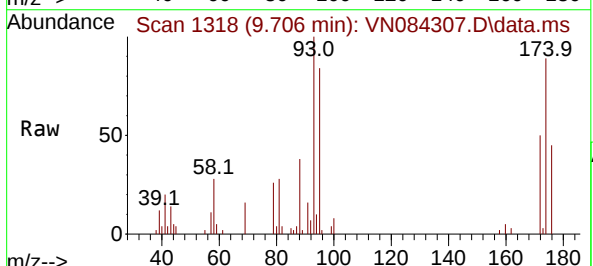
Tgt Ion: 93 Resp: 30861

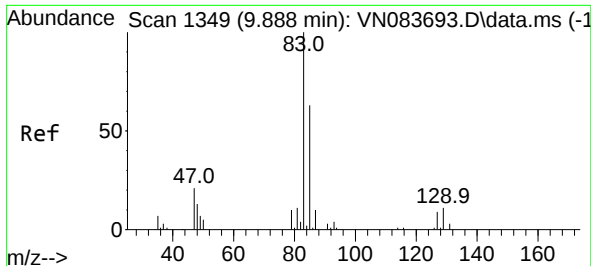
Ion Ratio Lower Upper

93 100

95 83.4 0.0 164.6

174 89.4 0.0 193.2

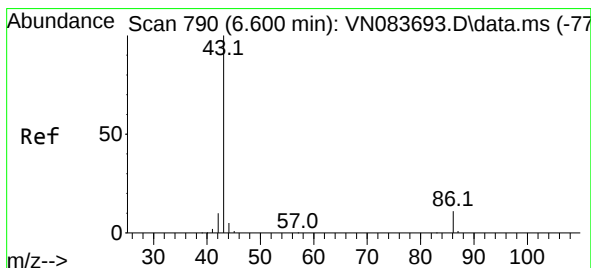
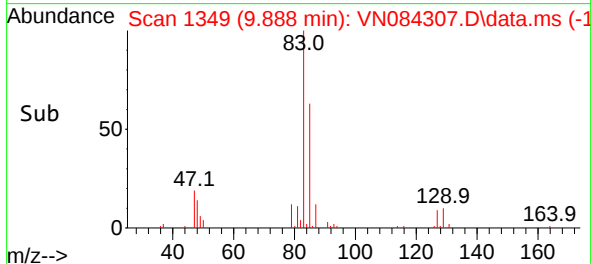
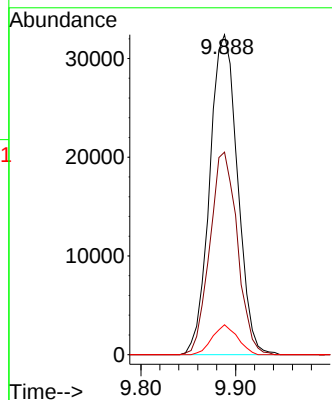
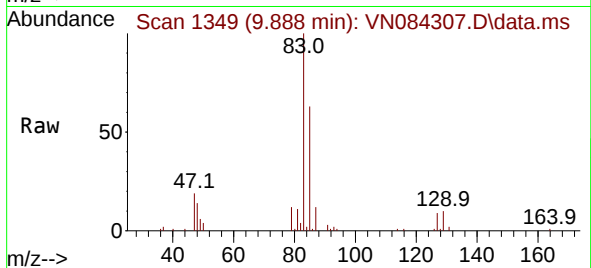




#41
Bromodichloromethane
Concen: 23.084 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

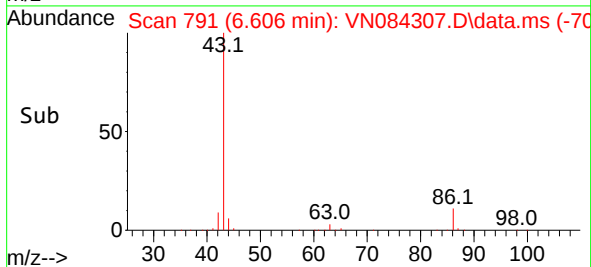
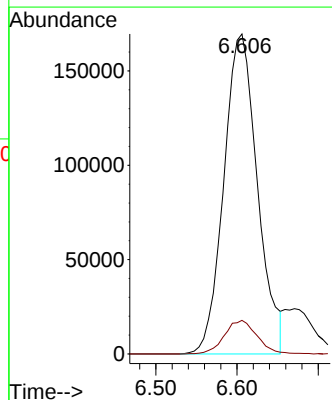
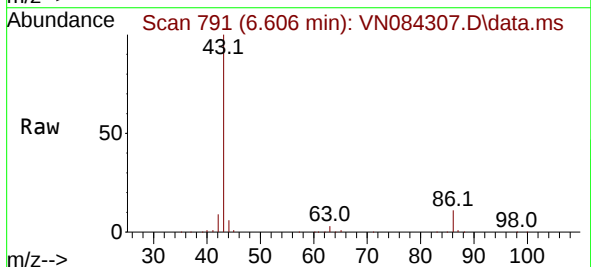
Instrument :
MSVOA_N
ClientSampleId :

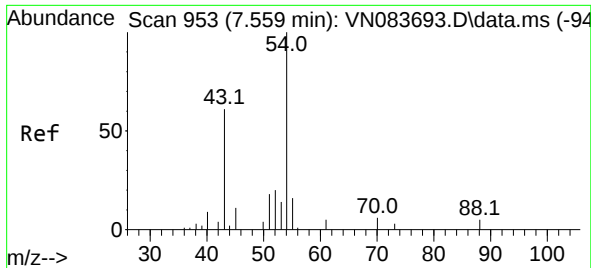
Tgt Ion: 83 Resp: 66077
Ion Ratio Lower Upper
83 100
85 63.3 49.4 74.2
127 9.4 7.3 10.9



#42
Vinyl Acetate
Concen: 98.965 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 43 Resp: 488995
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2

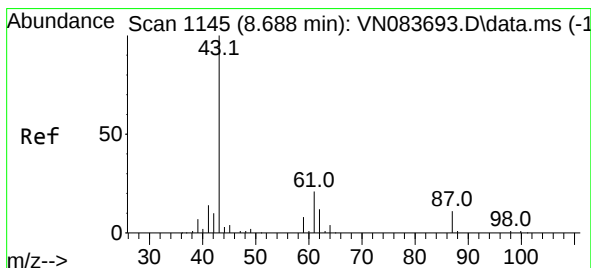
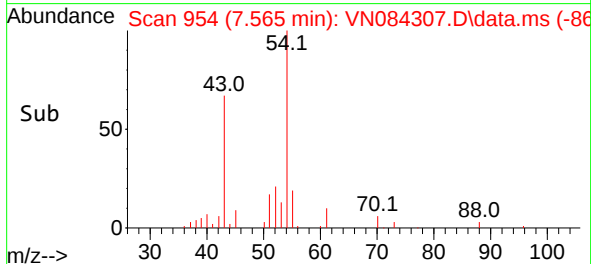
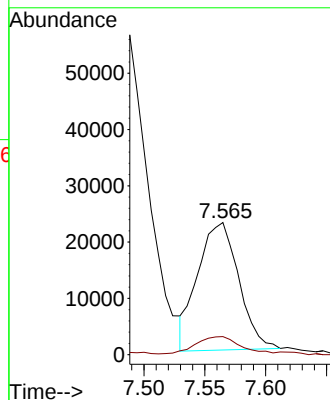
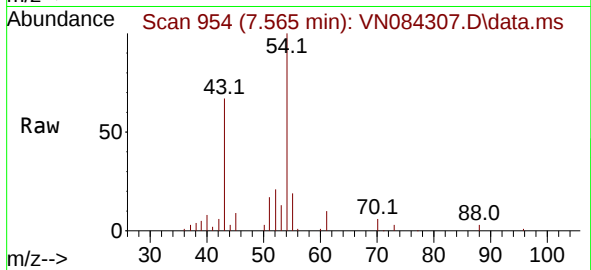




#43
Ethyl Acetate
Concen: 21.962 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

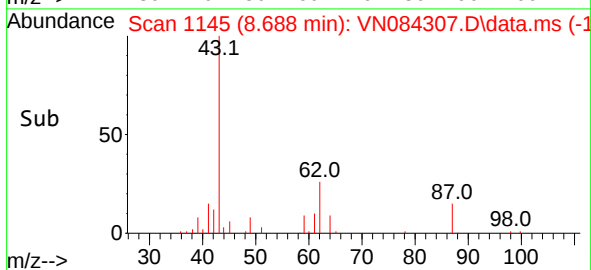
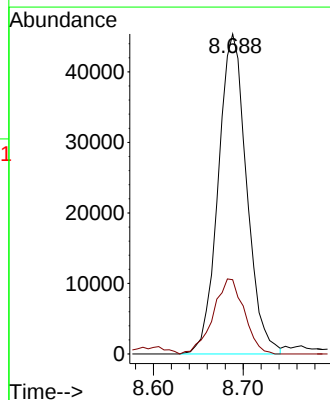
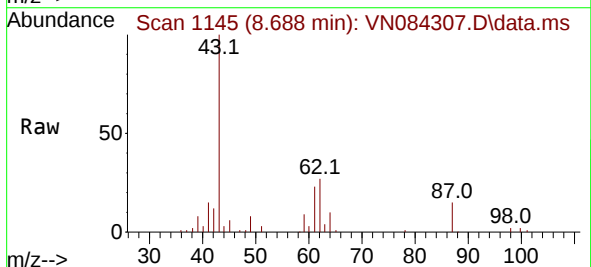
Instrument :
MSVOA_N
ClientSampleId :

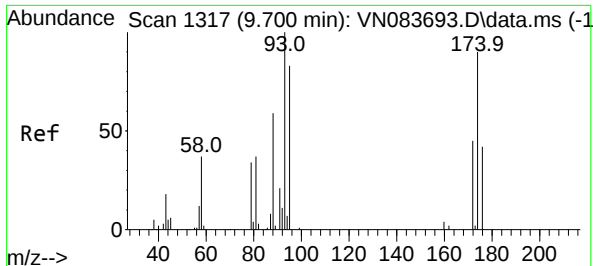
Tgt Ion: 43 Resp: 53125
Ion Ratio Lower Upper
43 100
45 15.8 10.6 15.8



#44
Isopropyl Acetate
Concen: 23.850 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 43 Resp: 99784
Ion Ratio Lower Upper
43 100
61 25.6 25.0 37.4





#45

1,4-Dioxane

Concen: 536.504 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

ClientSampleId :

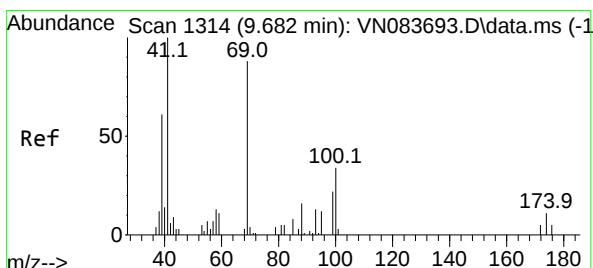
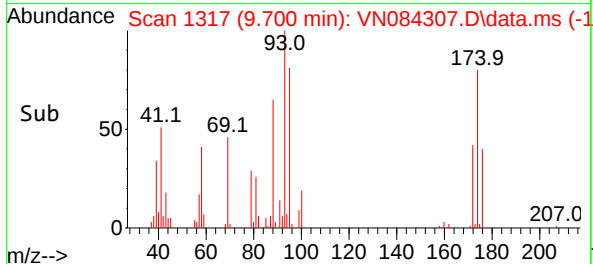
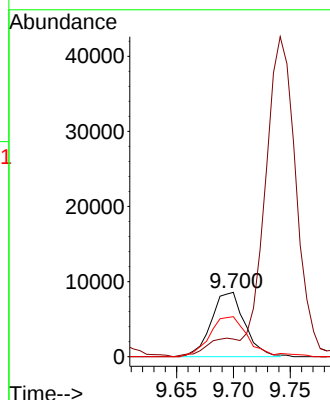
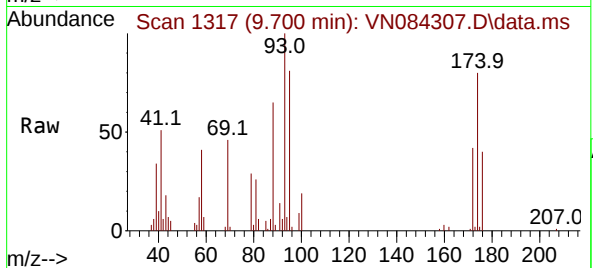
Tgt Ion: 88 Resp: 17507

Ion Ratio Lower Upper

88 100

43 29.3 19.8 29.6

58 68.8 55.4 83.0



#46

Methyl methacrylate

Concen: 18.836 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

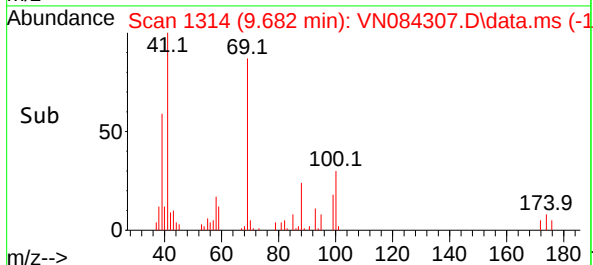
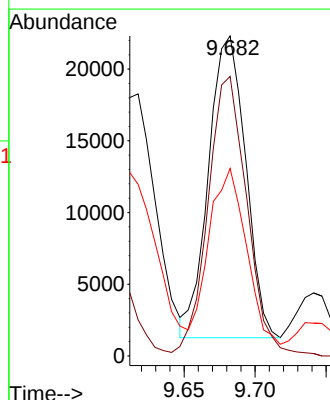
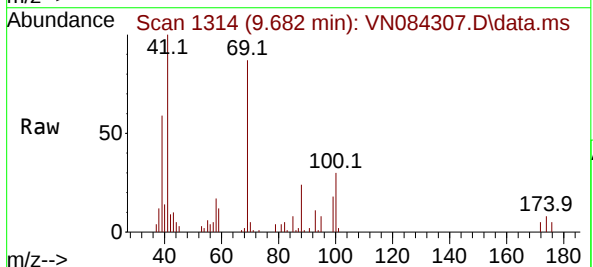
Tgt Ion: 41 Resp: 38143

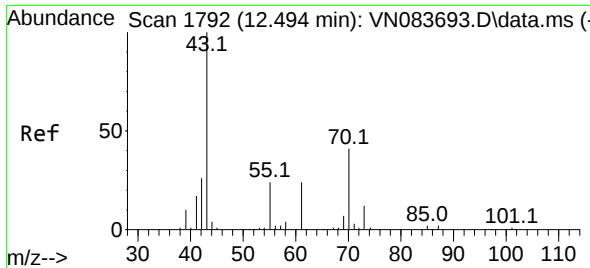
Ion Ratio Lower Upper

41 100

69 89.9 51.1 153.3

39 58.3 25.8 77.3

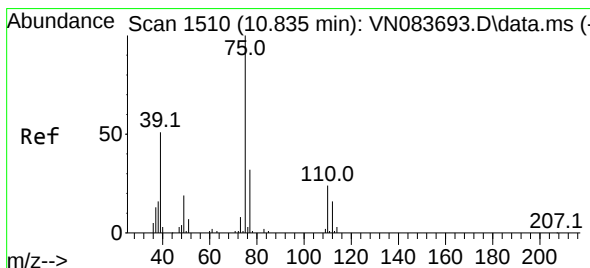
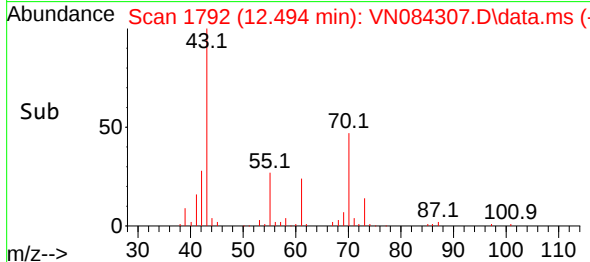
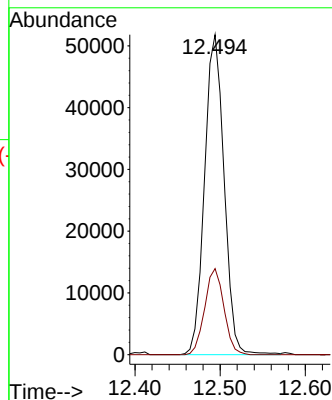
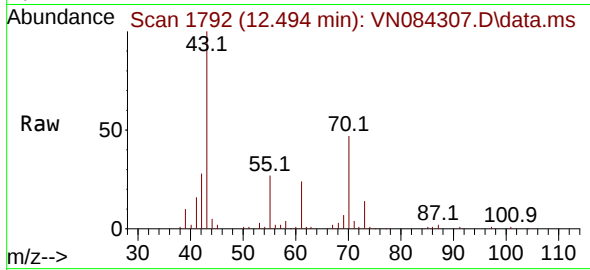




#47
n-amyl acetate
Concen: 22.288 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

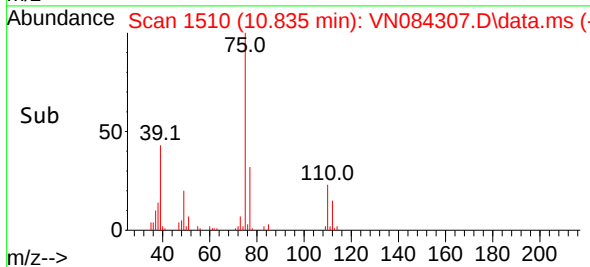
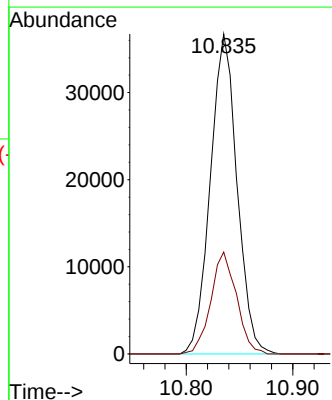
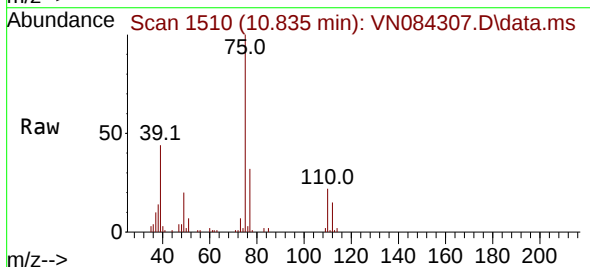
Instrument :
MSVOA_N
ClientSampleId :

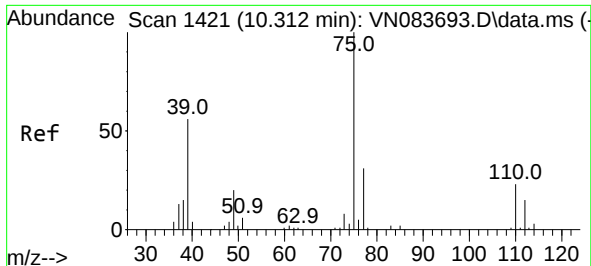
Tgt Ion: 43 Resp: 82600
Ion Ratio Lower Upper
43 100
55 26.3 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 21.229 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 75 Resp: 63921
Ion Ratio Lower Upper
75 100
77 31.9 23.8 35.6

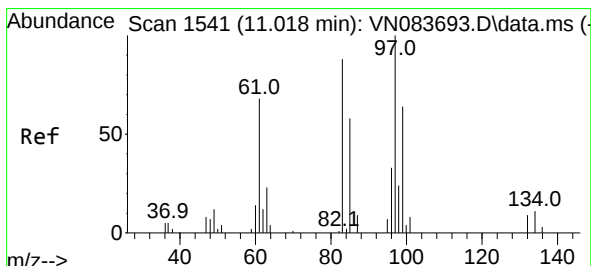
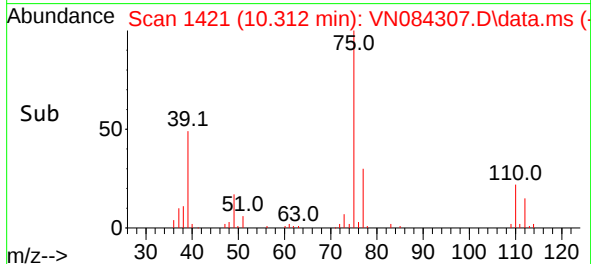
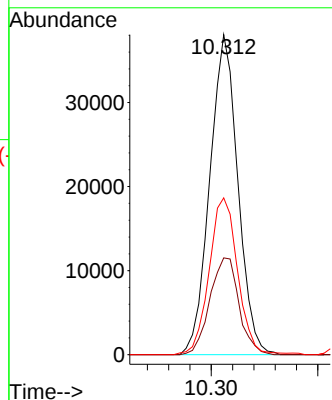
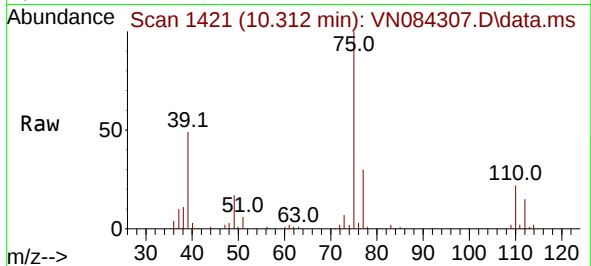




#49
 cis-1,3-Dichloropropene
 Concen: 22.254 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

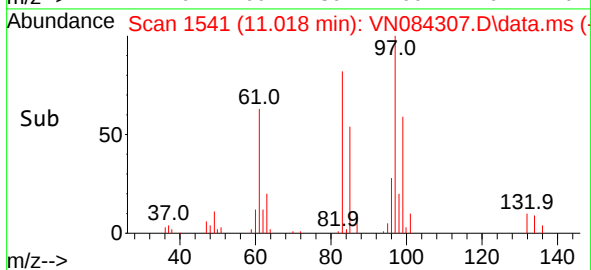
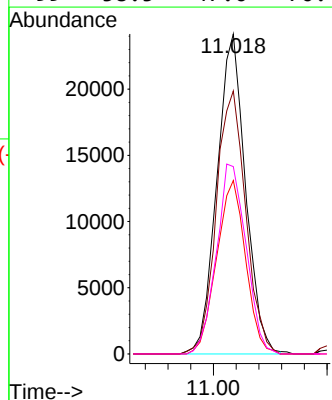
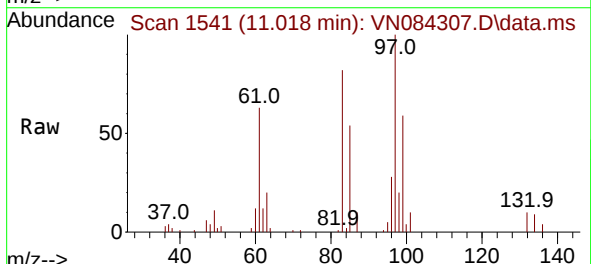
Instrument :
 MSVOA_N
 ClientSampleId :

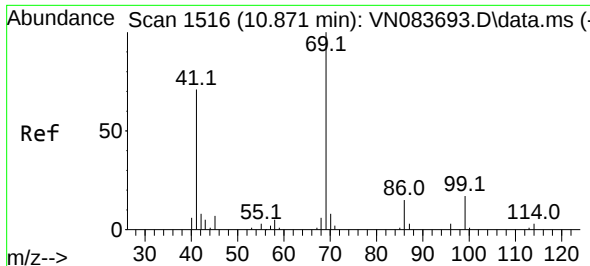
Tgt Ion: 75	Resp: 69685
Ion Ratio	Lower Upper
75 100	
77 30.3	24.9 37.3
39 48.5	31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 24.573 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Tgt Ion: 97	Resp: 42091
Ion Ratio	Lower Upper
97 100	
83 82.2	68.1 102.1
85 54.2	41.8 62.6
99 58.5	47.0 70.4

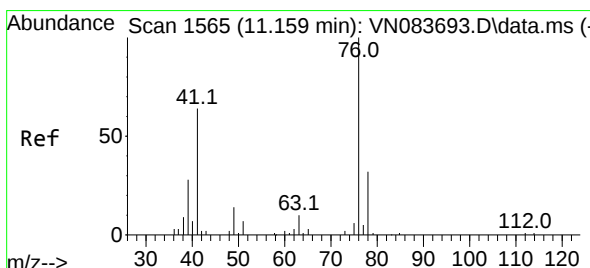
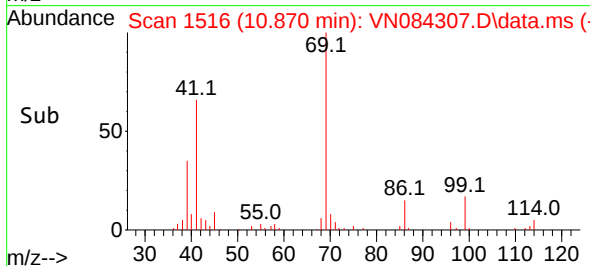
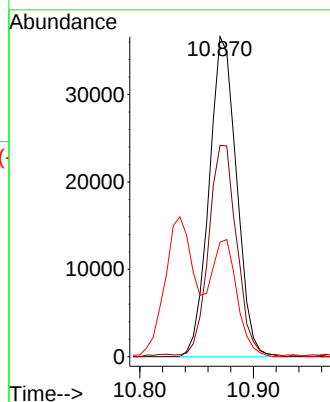
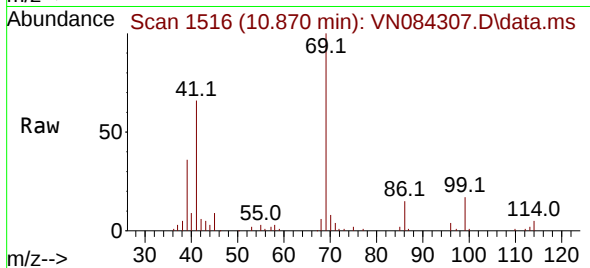




#51
Ethyl methacrylate
Concen: 21.055 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

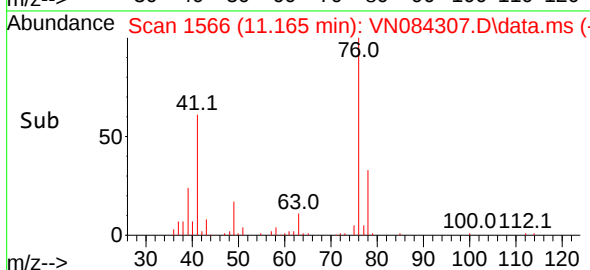
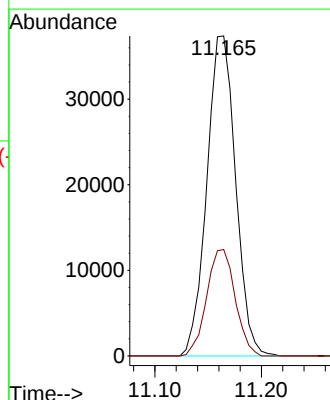
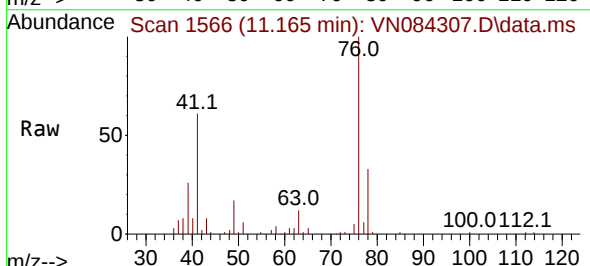
Instrument :
MSVOA_N
ClientSampleId :

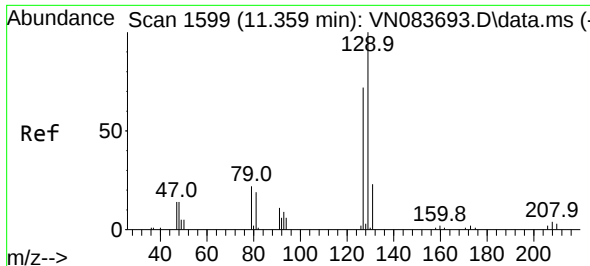
Tgt Ion: 69 Resp: 61616
Ion Ratio Lower Upper
69 100
41 65.6 25.5 76.5
39 35.7 16.0 47.9



#52
1,3-Dichloropropane
Concen: 22.748 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 76 Resp: 70367
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8

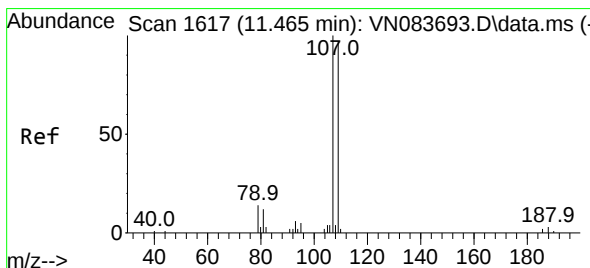
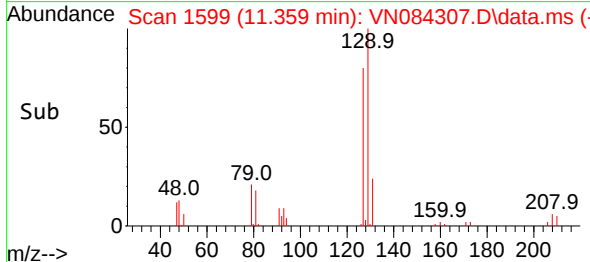
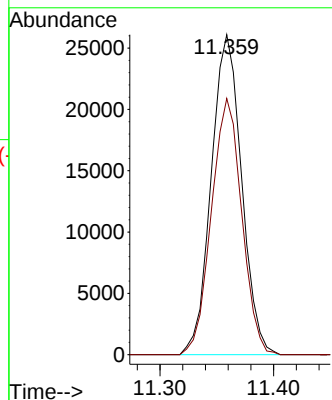
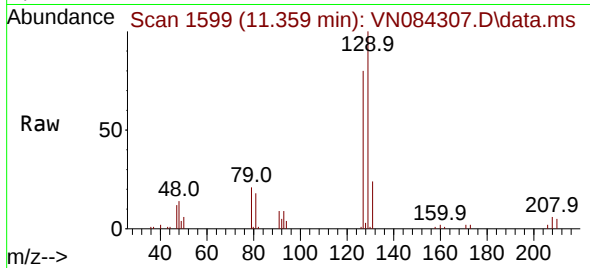




#53
Dibromochloromethane
Concen: 23.587 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

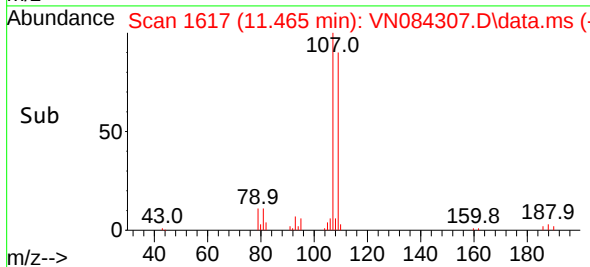
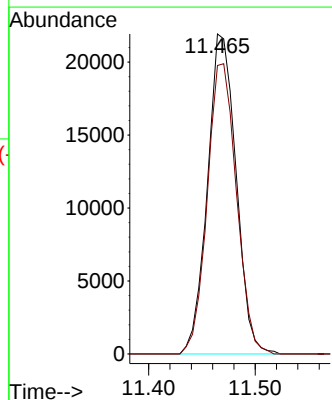
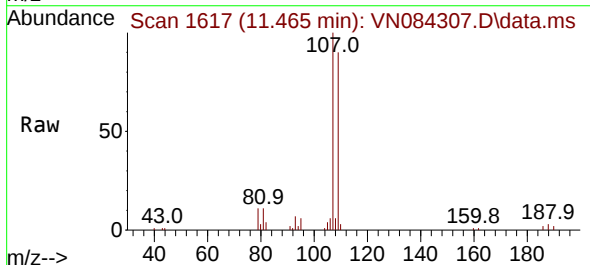
Instrument :
MSVOA_N
ClientSampleId :

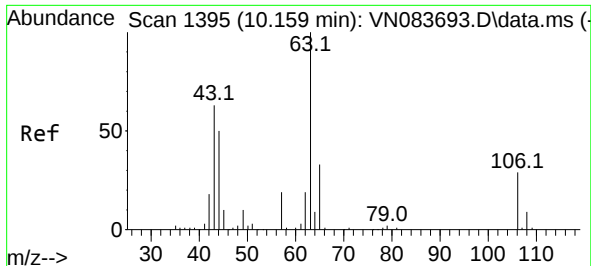
Tgt Ion:129 Resp: 48460
Ion Ratio Lower Upper
129 100
127 79.9 39.4 118.1



#54
1,2-Dibromoethane
Concen: 23.049 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:107 Resp: 40844
Ion Ratio Lower Upper
107 100
109 92.7 74.7 112.1

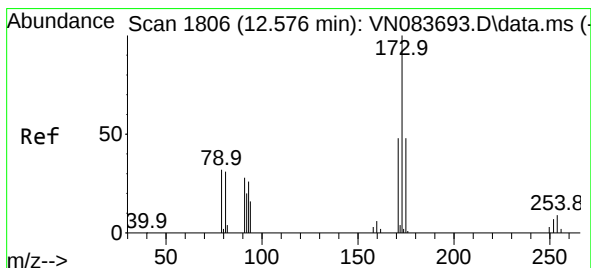
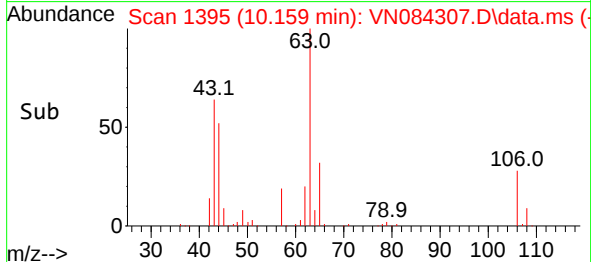
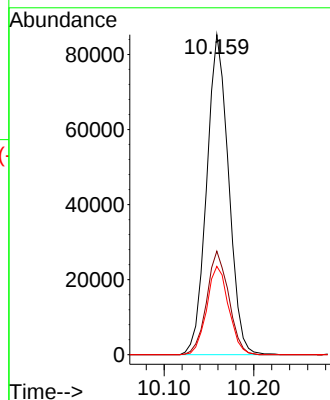
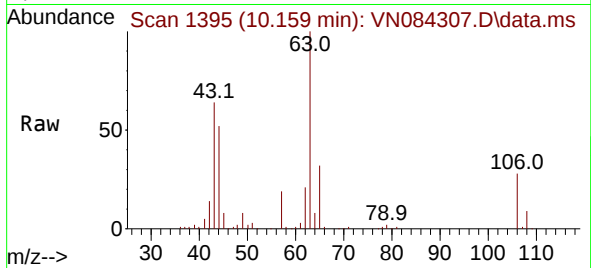




#55
2-Chloroethyl vinyl ether
Concen: 123.928 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

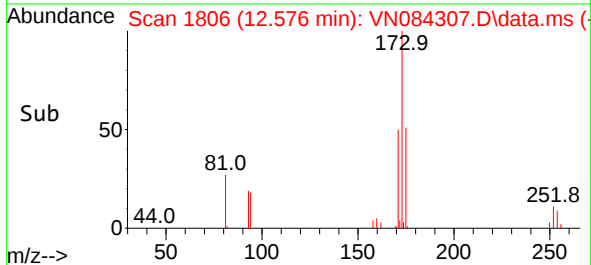
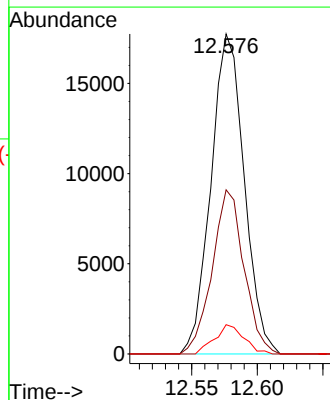
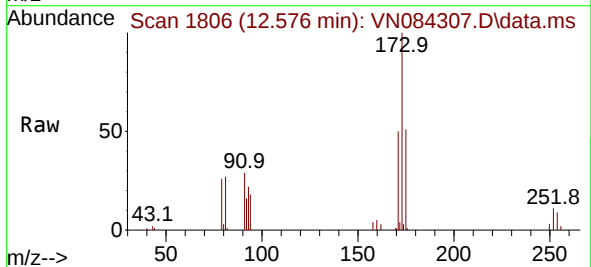
Instrument :
MSVOA_N
ClientSampleId :

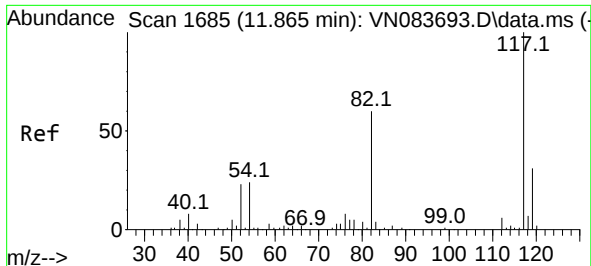
Tgt Ion: 63 Resp: 144532
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 27.6 23.8 35.8



#56
Bromoform
Concen: 23.955 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 173 Resp: 31267
Ion Ratio Lower Upper
173 100
175 49.0 40.0 60.0
254 8.1 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

ClientSampleId :

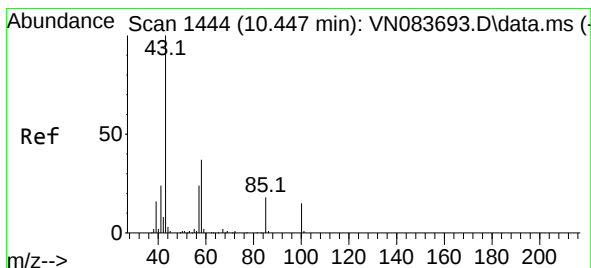
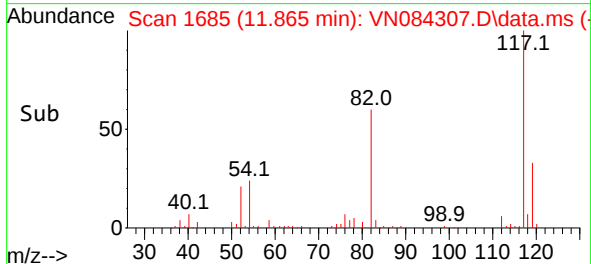
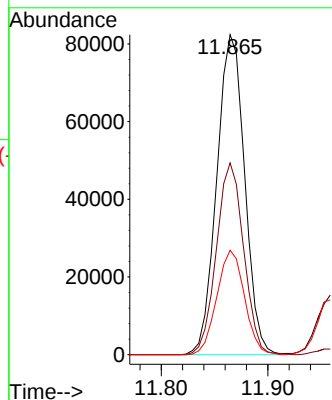
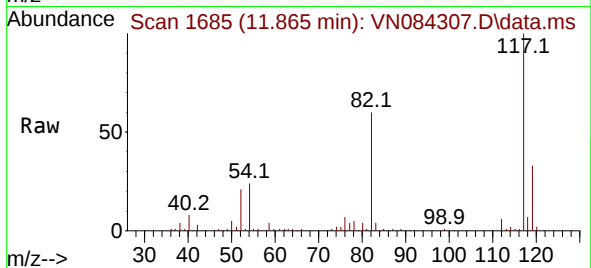
Tgt Ion:117 Resp: 149771

Ion Ratio Lower Upper

117 100

82 58.6 46.6 69.8

119 32.3 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 126.465 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

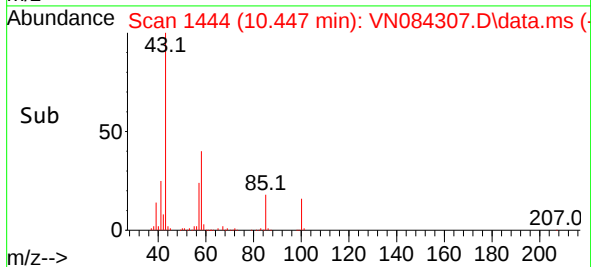
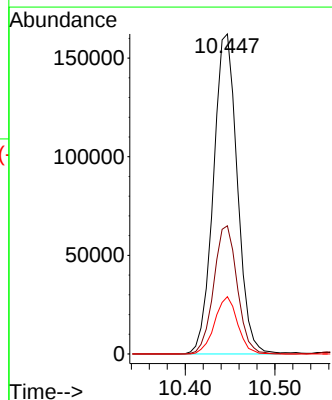
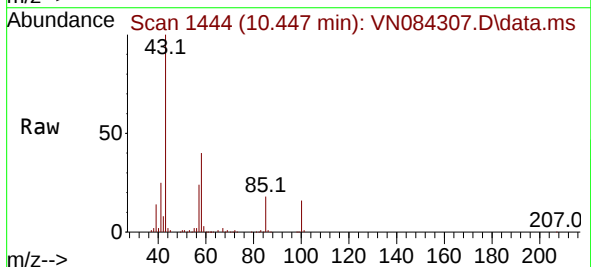
Tgt Ion: 43 Resp: 300329

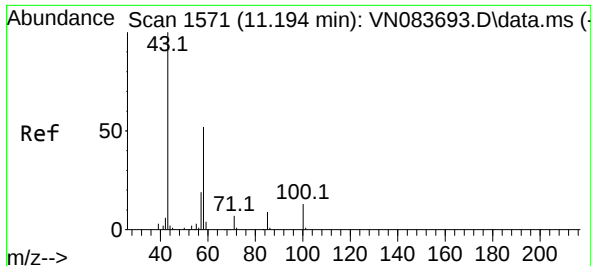
Ion Ratio Lower Upper

43 100

58 39.4 36.5 54.7

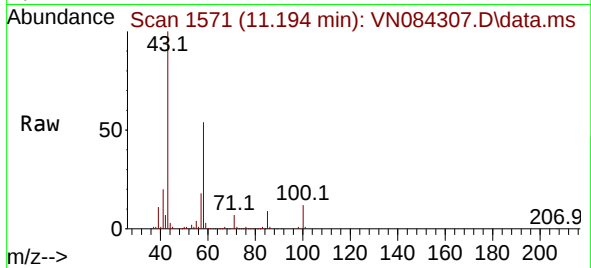
85 17.2 19.5 29.3#



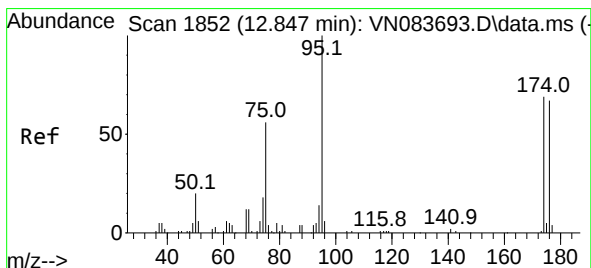
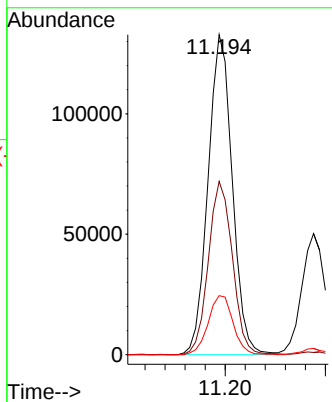
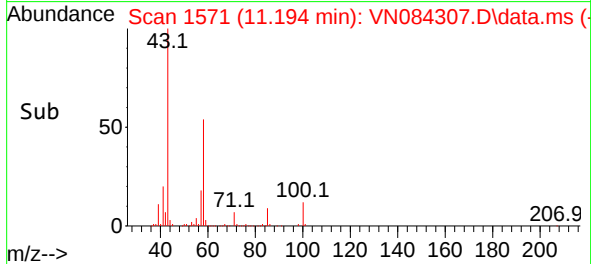


#59
2-Hexanone
Concen: 124.345 ug/l
RT: 11.194 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Instrument :
MSVOA_N
ClientSampleId :

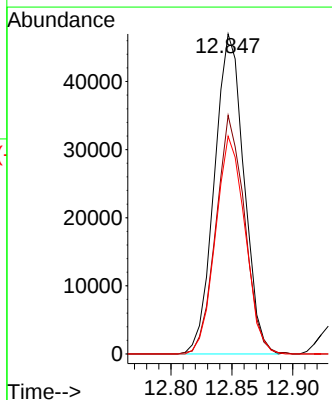
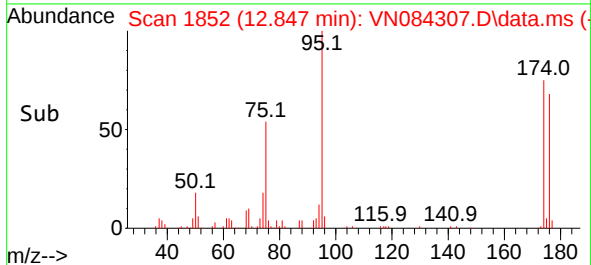
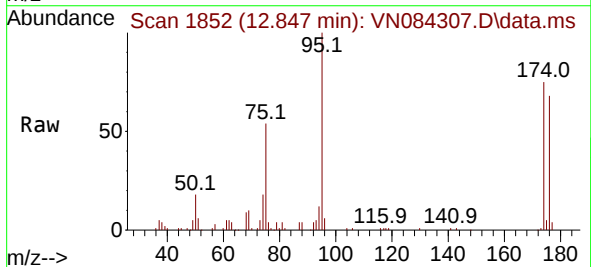


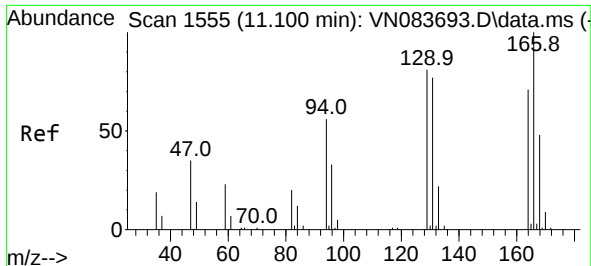
Tgt Ion: 43 Resp: 223129
Ion Ratio Lower Upper
43 100
58 53.8 50.4 75.6
57 19.0 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 30.732 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

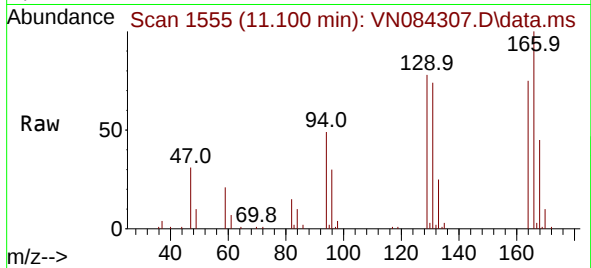
Tgt Ion: 95 Resp: 79327
Ion Ratio Lower Upper
95 100
174 72.2 60.5 90.7
176 67.9 57.8 86.6



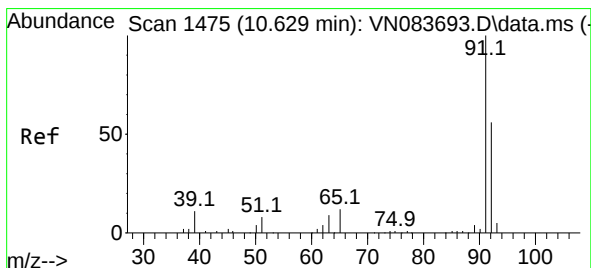
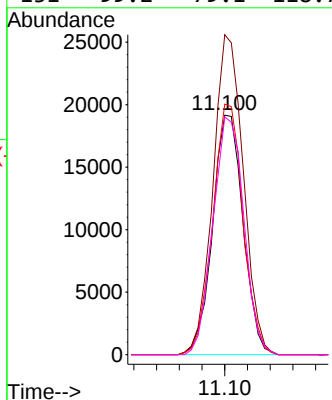
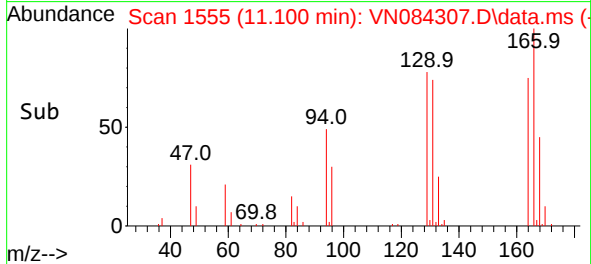


#61
Tetrachloroethene
Concen: 22.519 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Instrument :
MSVOA_N
ClientSampleId :

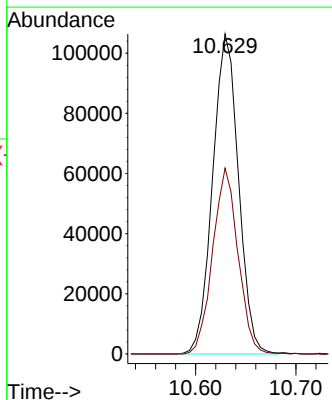
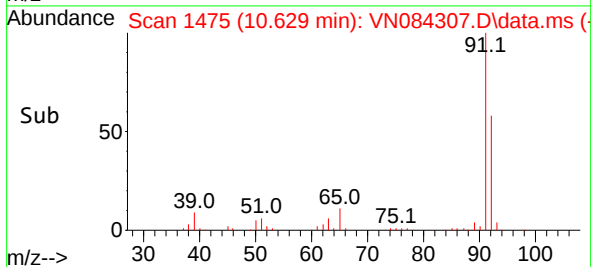
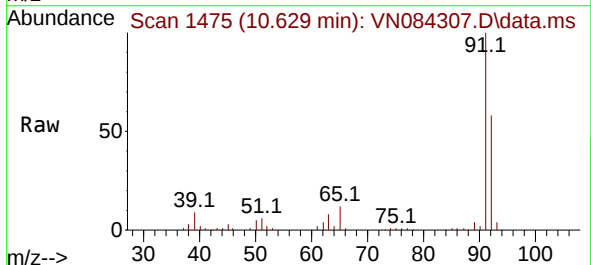


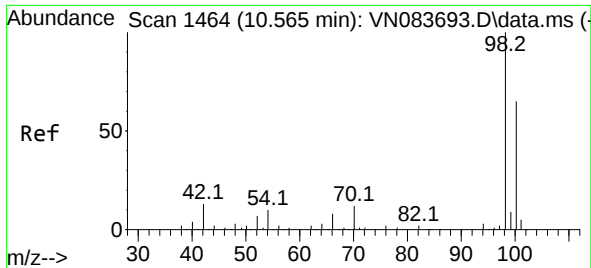
Tgt Ion:164 Resp: 35694
Ion Ratio Lower Upper
164 100
166 133.6 106.7 160.1
129 104.6 85.8 128.6
131 99.2 79.1 118.7



#62
Toluene
Concen: 22.138 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 91 Resp: 190577
Ion Ratio Lower Upper
91 100
92 56.9 46.5 69.7

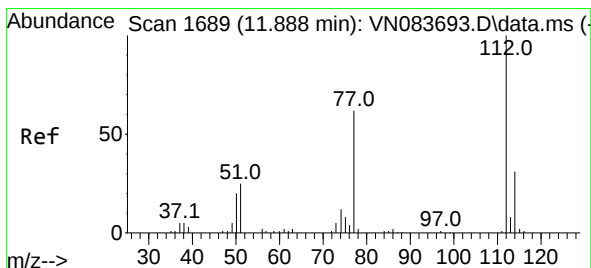
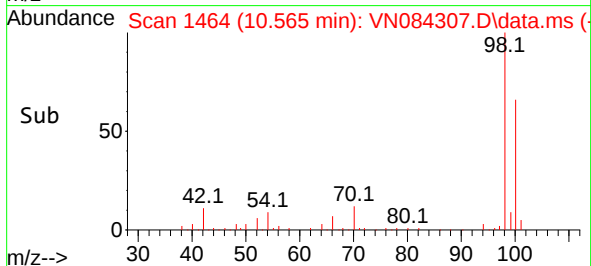
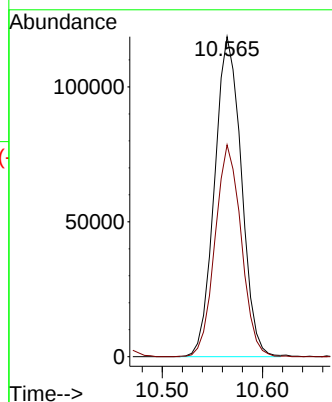
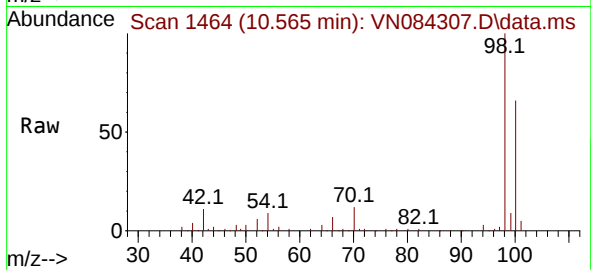




#63
Toluene-d8
Concen: 31.716 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

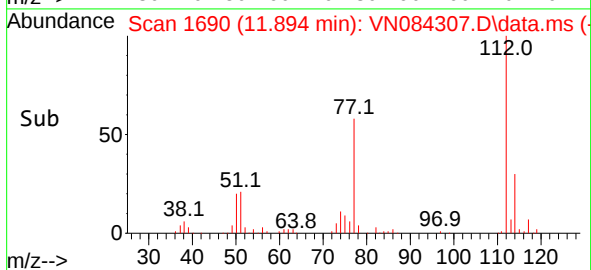
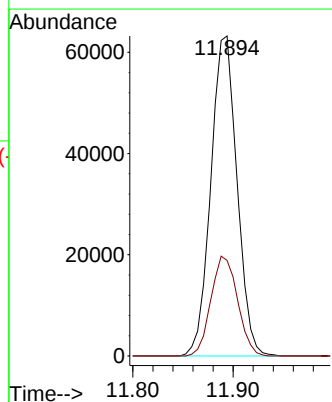
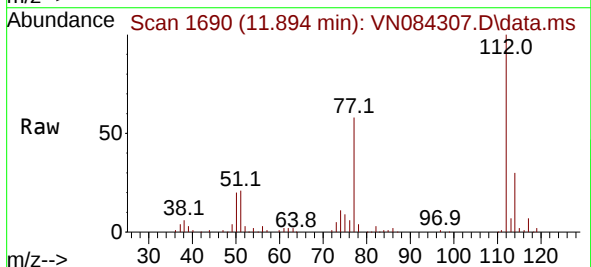
Instrument :
MSVOA_N
ClientSampleId :

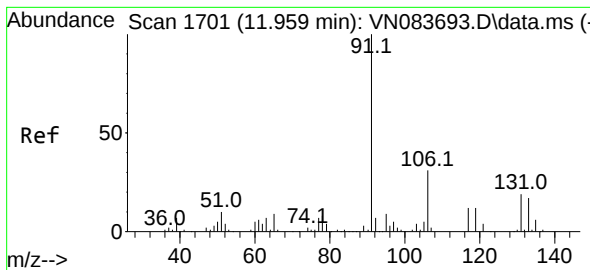
Tgt Ion: 98 Resp: 219952
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#64
Chlorobenzene
Concen: 21.521 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 112 Resp: 114704
Ion Ratio Lower Upper
112 100
114 29.9 26.6 39.8

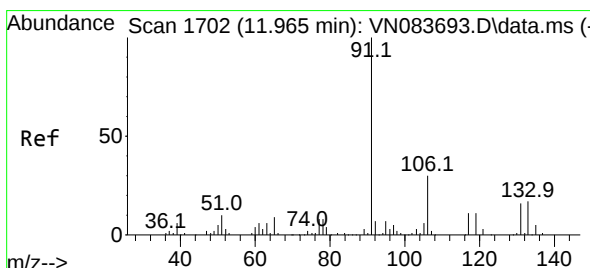
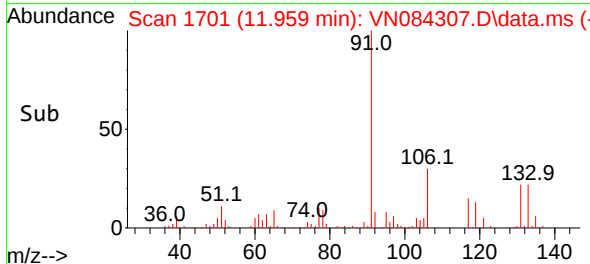
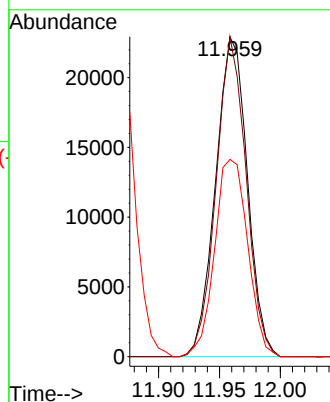
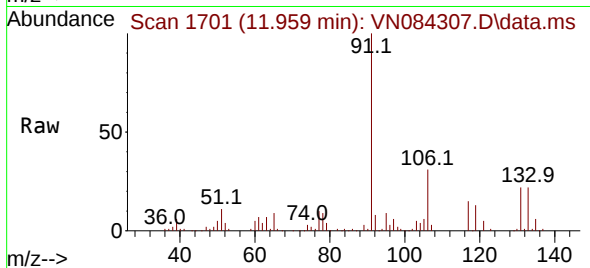




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.449 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

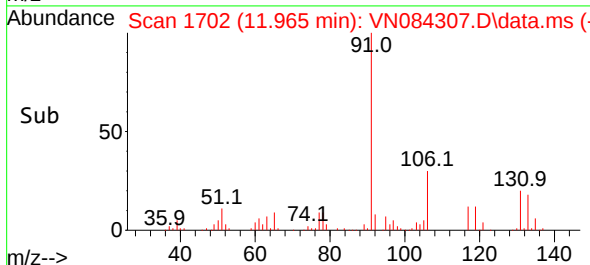
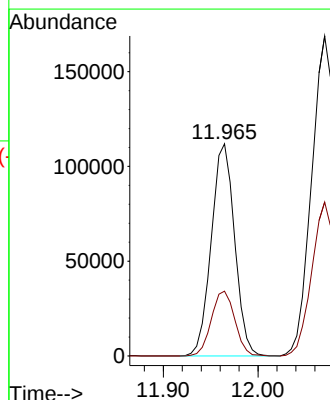
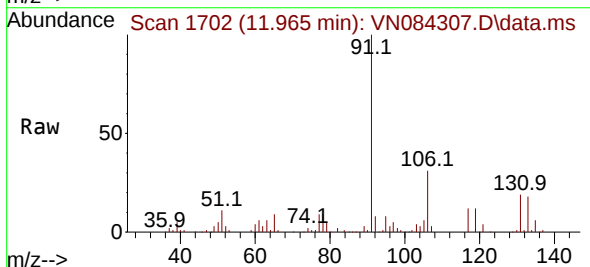
Instrument :
 MSVOA_N
 ClientSampleId :

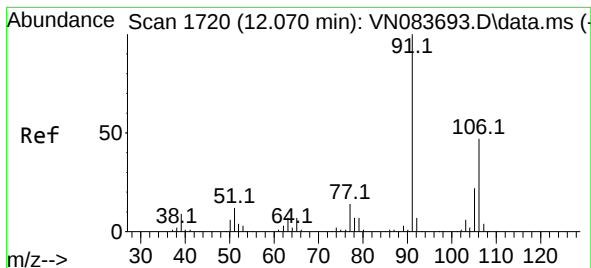
Tgt Ion:131 Resp: 41681
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 188.0
 119 64.2 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.601 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Tgt Ion: 91 Resp: 191890
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.4 36.6

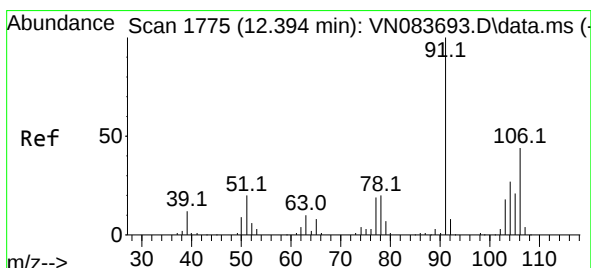
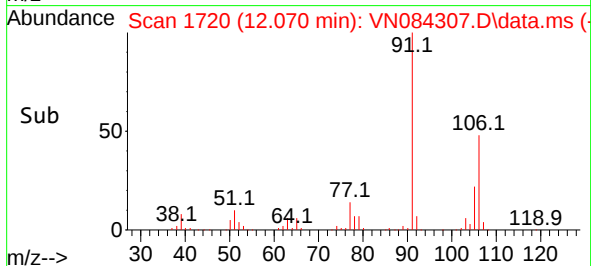
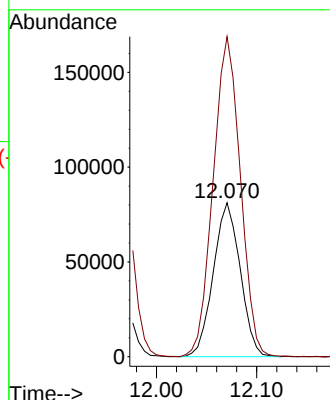
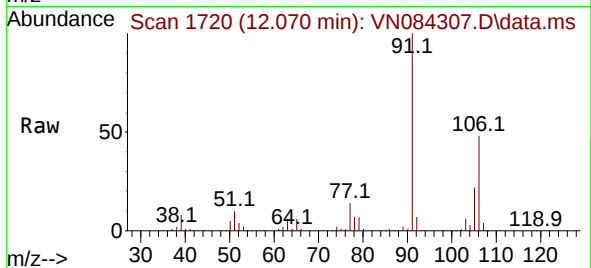




#67
m/p-Xylenes
Concen: 42.017 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

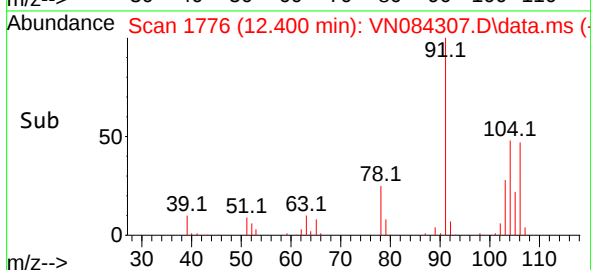
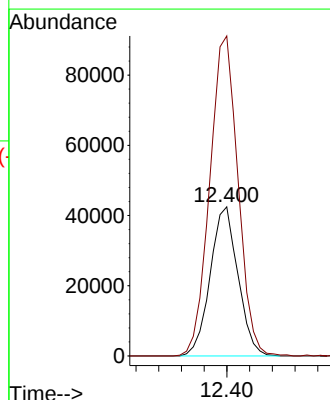
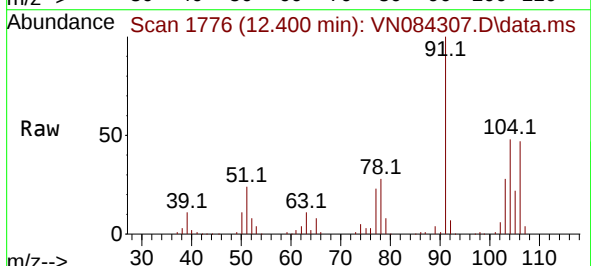
Instrument :
MSVOA_N
ClientSampleId :

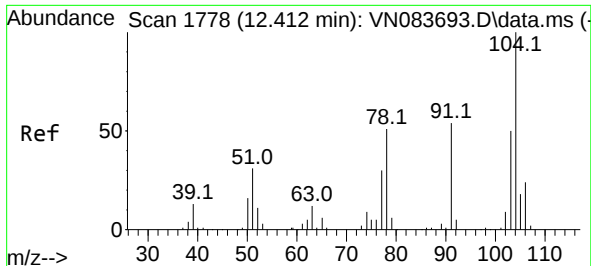
Tgt Ion:106 Resp: 151331
Ion Ratio Lower Upper
106 100
91 210.7 166.6 249.8



#68
o-Xylene
Concen: 20.641 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:106 Resp: 71950
Ion Ratio Lower Upper
106 100
91 218.6 110.0 330.0

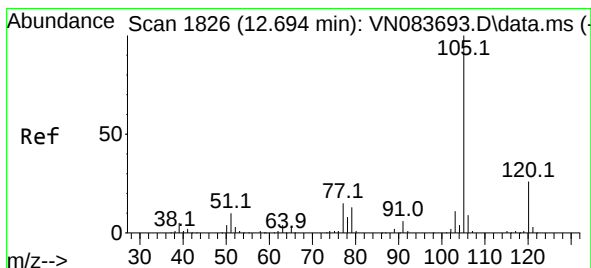
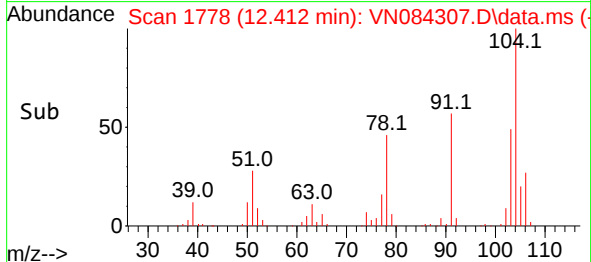
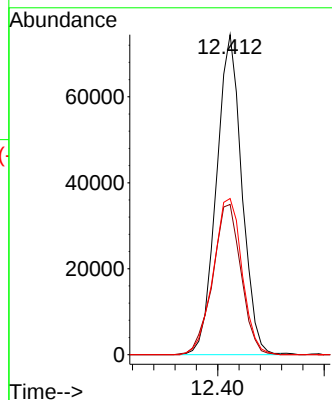
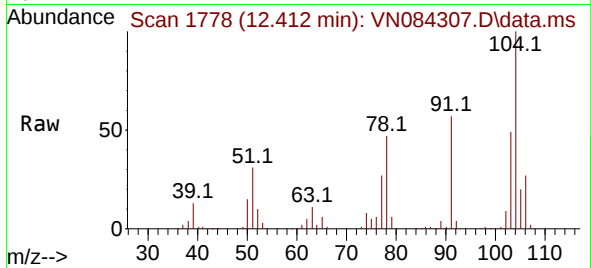




#69
Styrene
Concen: 20.983 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

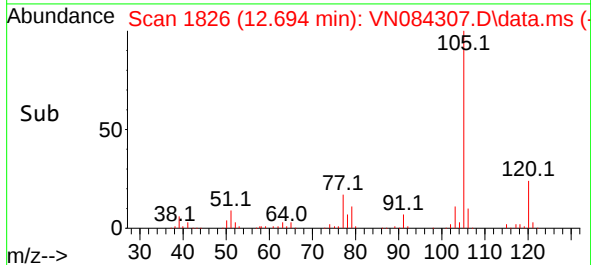
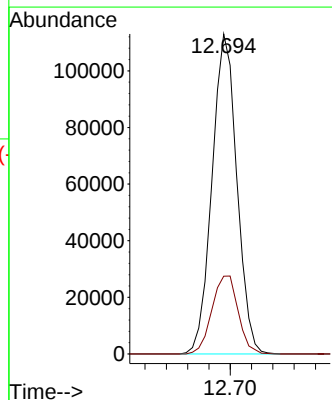
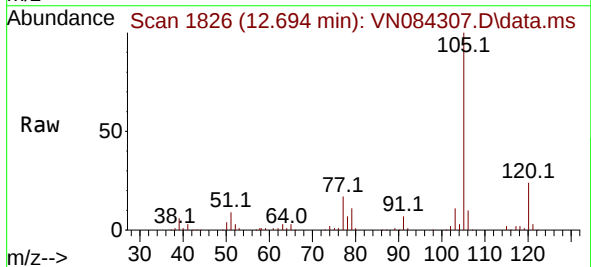
Instrument :
MSVOA_N
ClientSampleId :

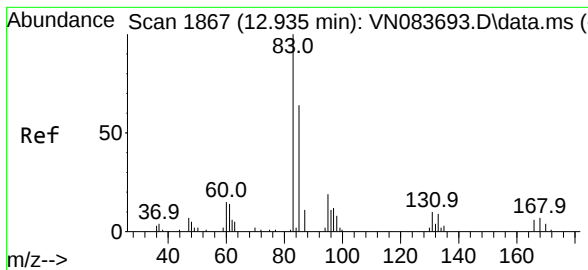
Tgt Ion:104 Resp: 123589
Ion Ratio Lower Upper
104 100
78 52.2 42.6 64.0
103 55.2 43.7 65.5



#70
Isopropylbenzene
Concen: 19.878 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:105 Resp: 182859
Ion Ratio Lower Upper
105 100
120 25.7 17.8 33.1

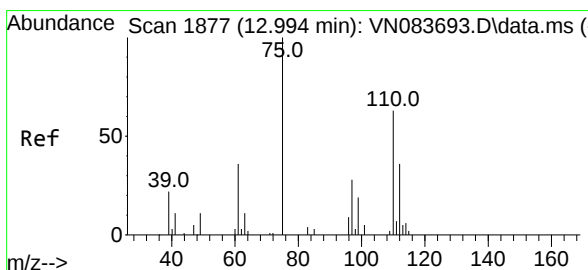
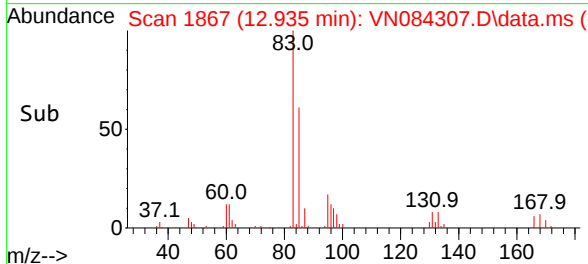
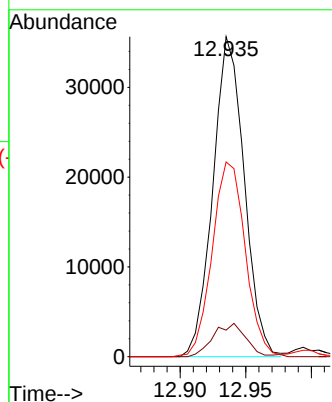
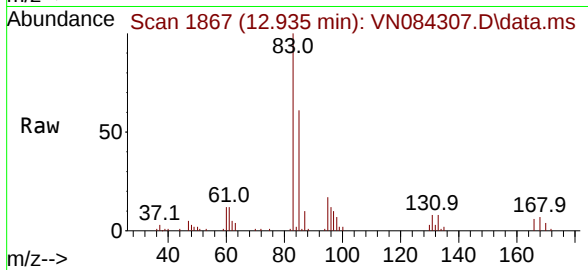




#71
1,1,2,2-Tetrachloroethane
Concen: 23.588 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

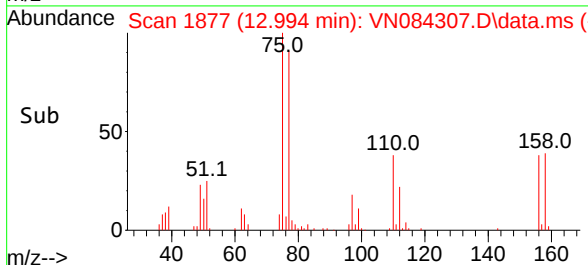
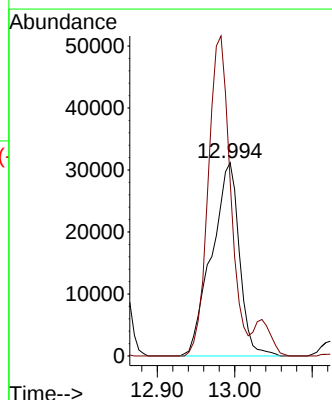
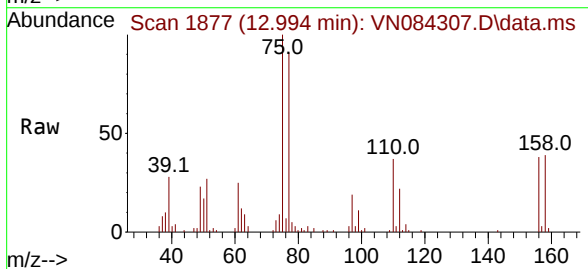
Instrument :
MSVOA_N
ClientSampleId :

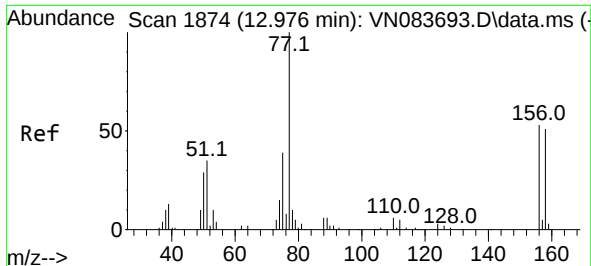
Tgt Ion: 83 Resp: 59264
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 64.1 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 35.131 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 75 Resp: 77388
Ion Ratio Lower Upper
75 100
77 132.7 0.0 367.6

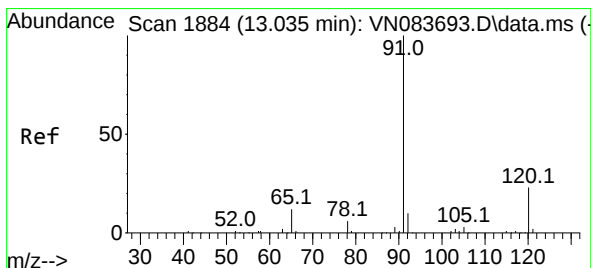
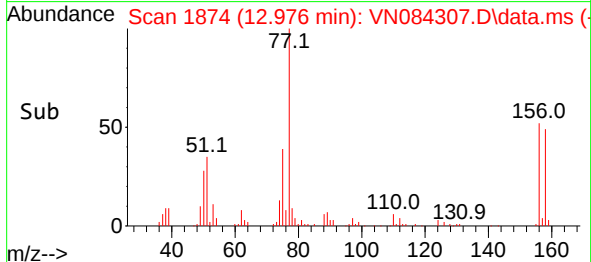
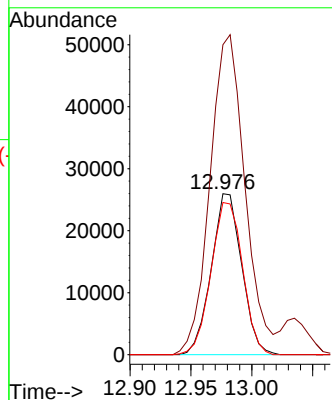
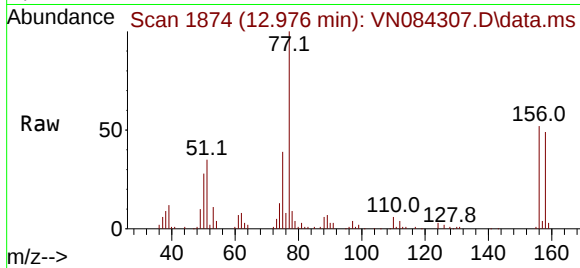




#73
Bromobenzene
Concen: 21.342 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

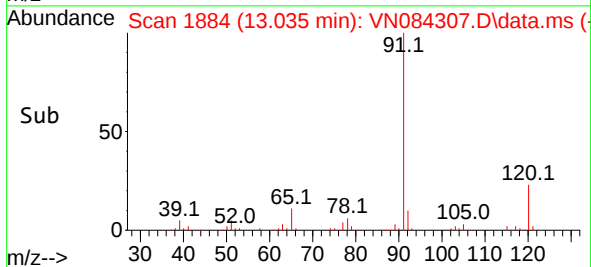
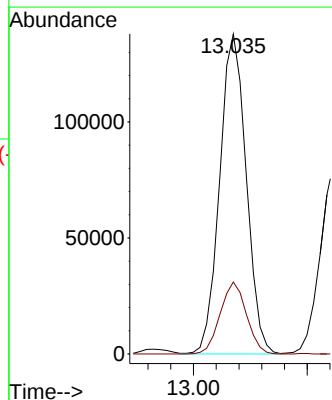
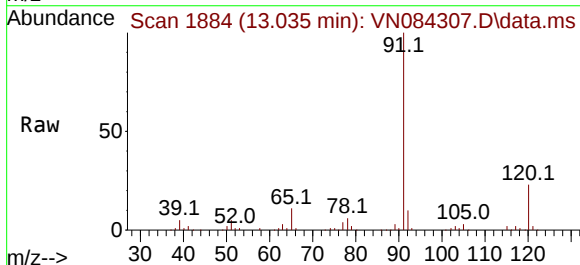
Instrument :
MSVOA_N
ClientSampleId :

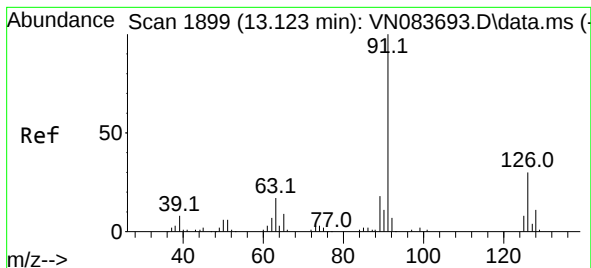
Tgt Ion:156 Resp: 45093
Ion Ratio Lower Upper
156 100
77 227.7 0.0 437.6
158 98.2 0.0 203.8



#74
n-propylbenzene
Concen: 20.791 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 91 Resp: 223892
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.8





#75

2-Chlorotoluene

Concen: 20.798 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

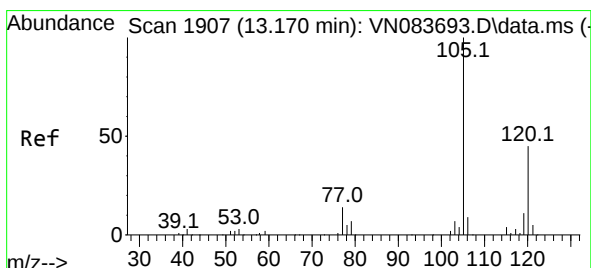
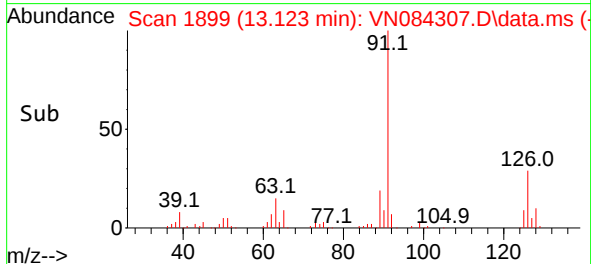
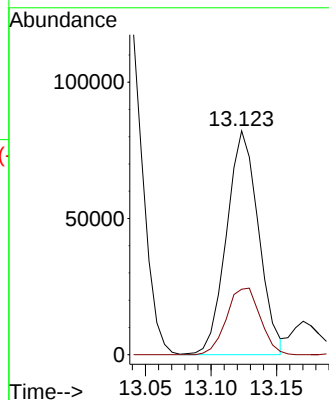
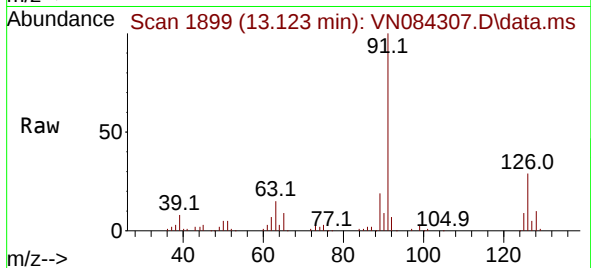
ClientSampleId :

Tgt Ion: 91 Resp: 139782

Ion Ratio Lower Upper

91 100

126 31.3 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 20.702 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084307.D

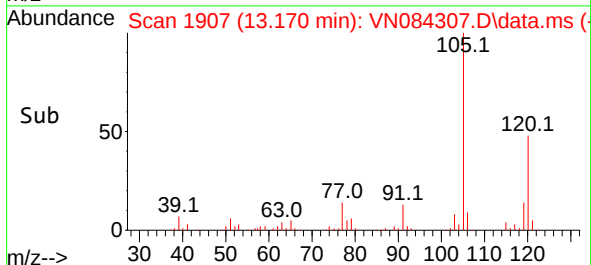
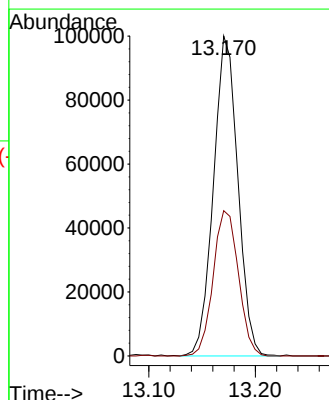
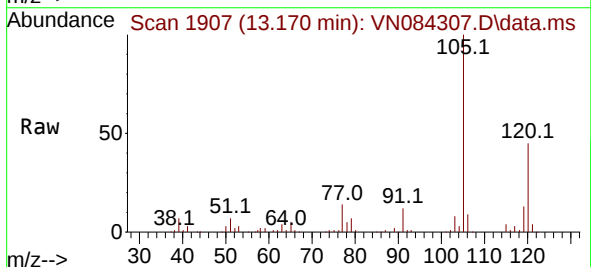
Acq: 04 Oct 2024 08:58

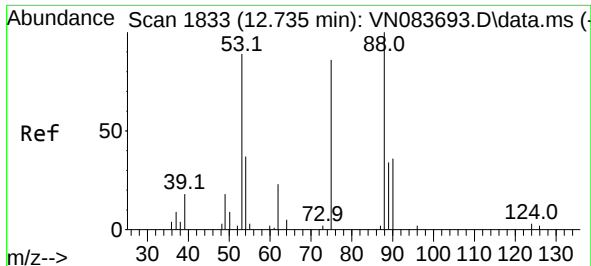
Tgt Ion: 105 Resp: 159077

Ion Ratio Lower Upper

105 100

120 47.0 0.0 95.8

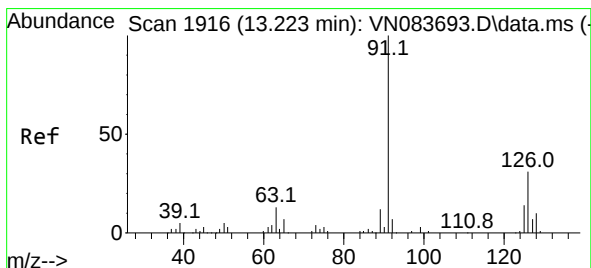
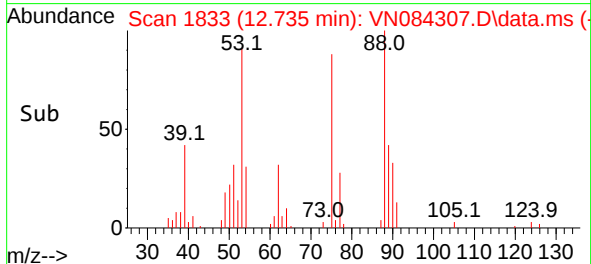
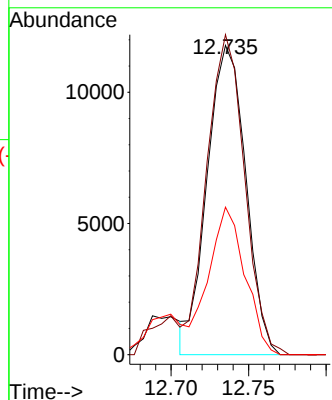
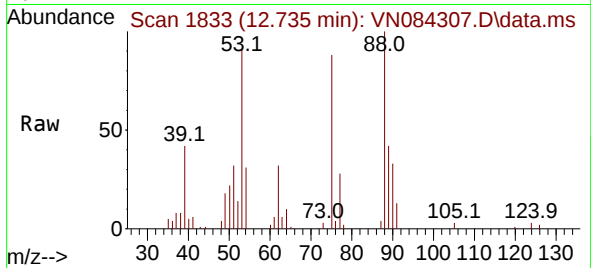




#77
t-1,4-Dichloro-2-butene
Concen: 21.896 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

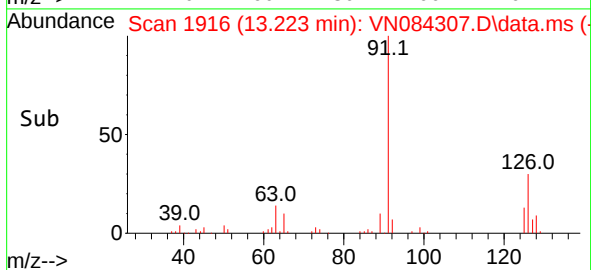
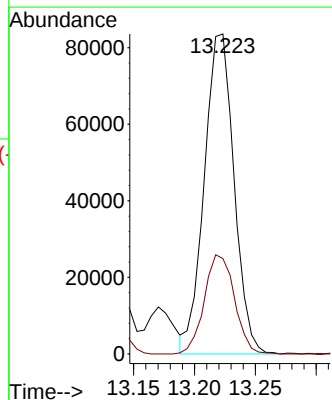
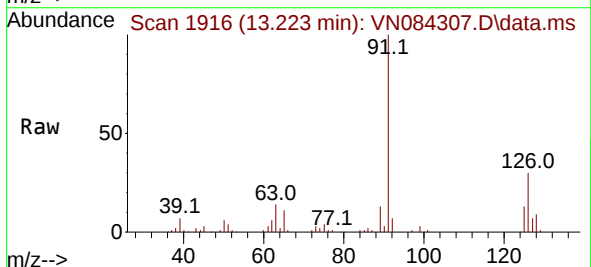
Instrument :
MSVOA_N
ClientSampleId :

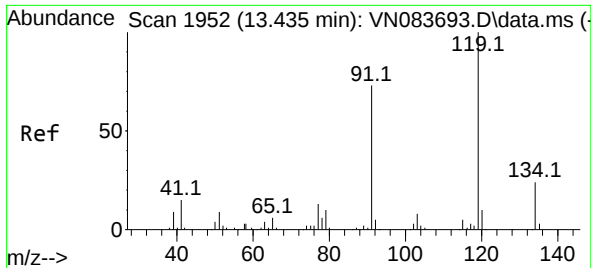
Tgt Ion: 75 Resp: 20388
Ion Ratio Lower Upper
75 100
53 101.5 45.9 137.7
89 47.7 25.9 77.7



#78
4-Chlorotoluene
Concen: 20.873 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 91 Resp: 142270
Ion Ratio Lower Upper
91 100
126 31.4 0.0 62.8

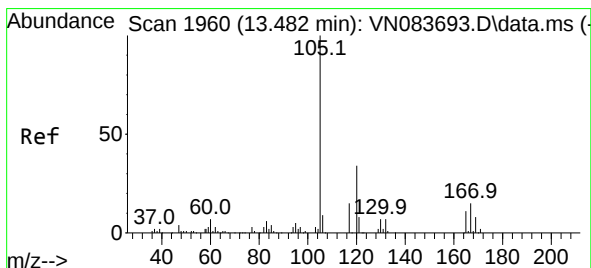
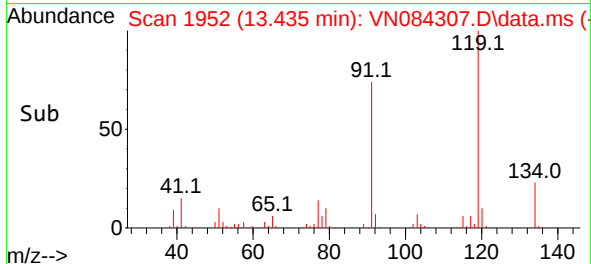
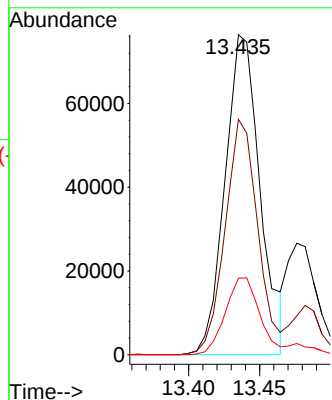
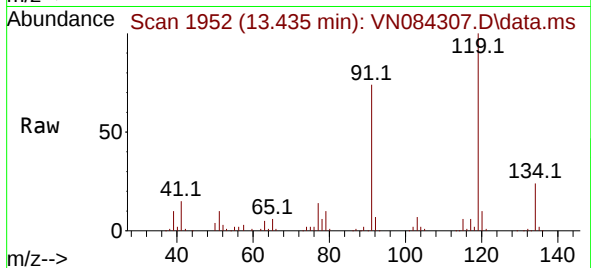




#79
tert-butylbenzene
Concen: 19.583 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

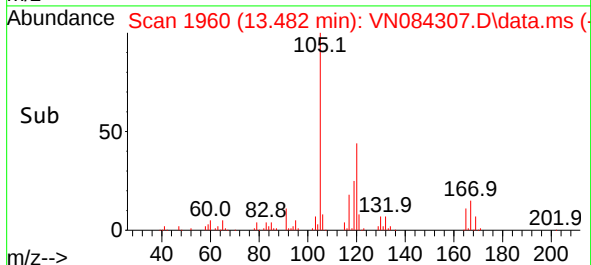
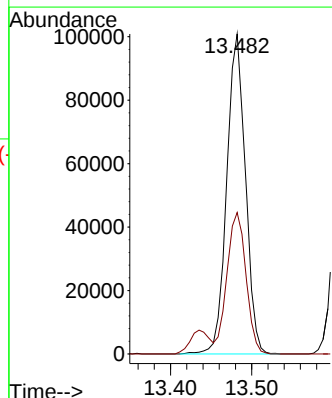
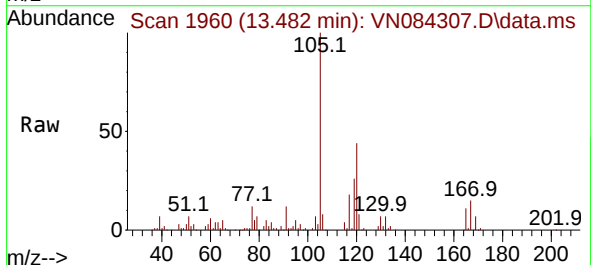
Instrument :
MSVOA_N
ClientSampleId :

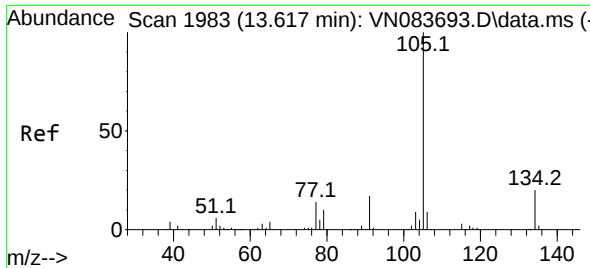
Tgt Ion:119 Resp: 131586
Ion Ratio Lower Upper
119 100
91 68.6 0.0 138.8
134 23.4 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.790 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:105 Resp: 161436
Ion Ratio Lower Upper
105 100
120 45.1 0.0 86.8

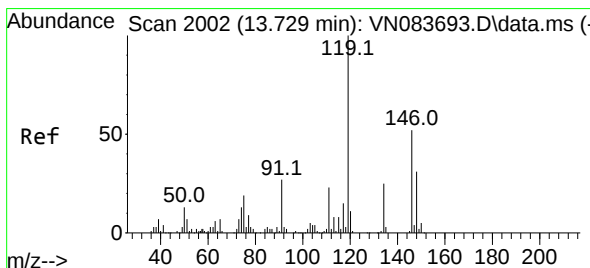
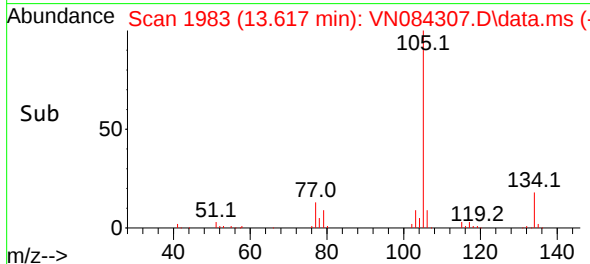
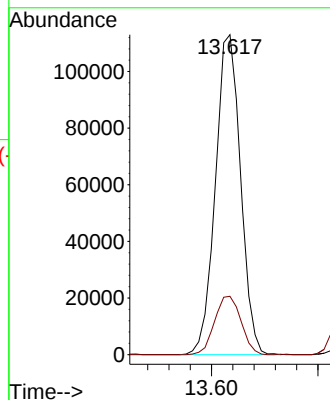
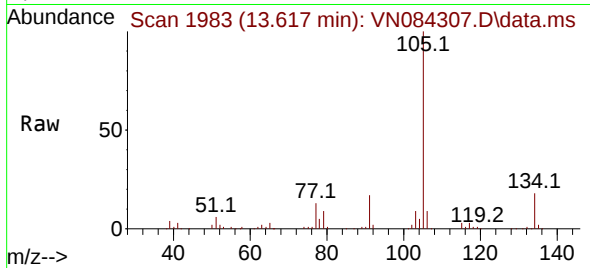




#81
 sec-Butylbenzene
 Concen: 20.159 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

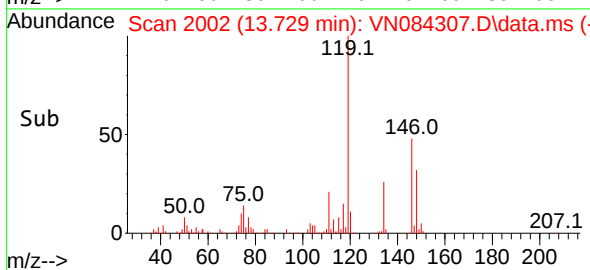
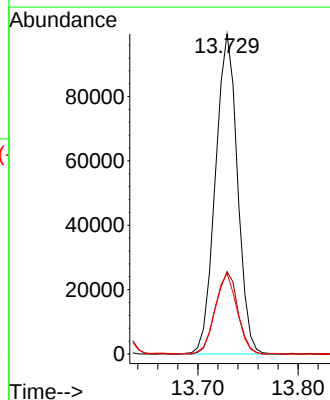
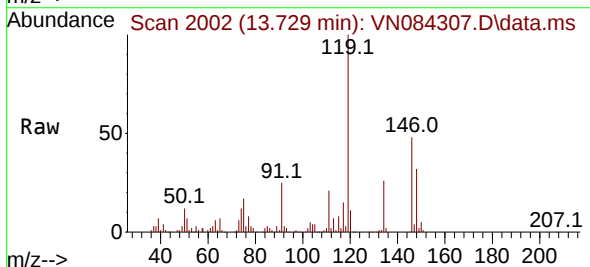
Instrument :
 MSVOA_N
 ClientSampleId :

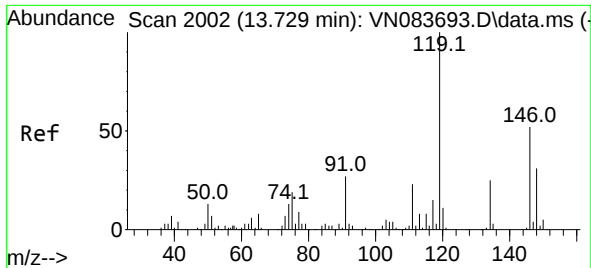
Tgt Ion:105 Resp: 185042
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.685 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Tgt Ion:119 Resp: 152026
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 49.2
 91 25.0 0.0 48.8

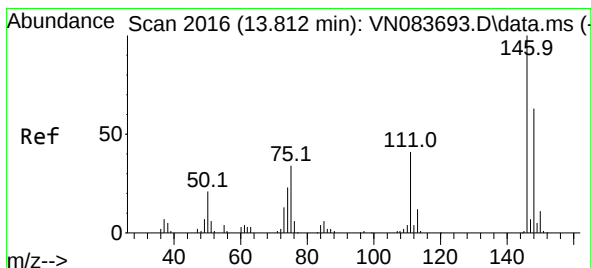
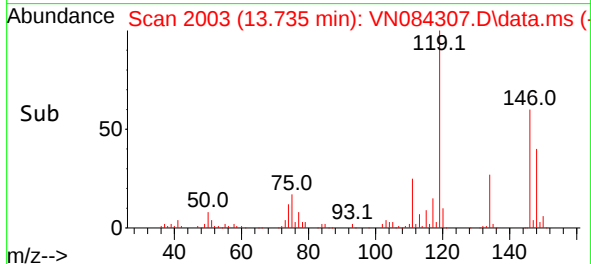
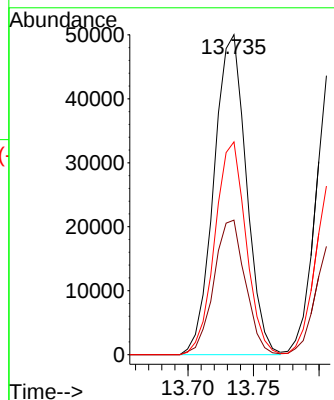
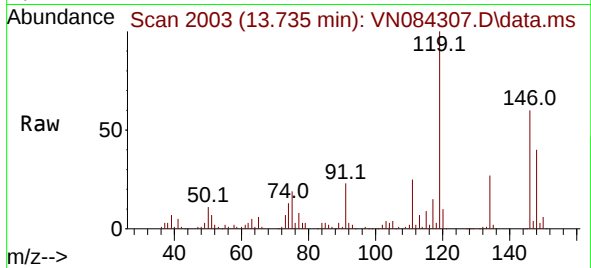




#83
1,3-Dichlorobenzene
Concen: 21.123 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

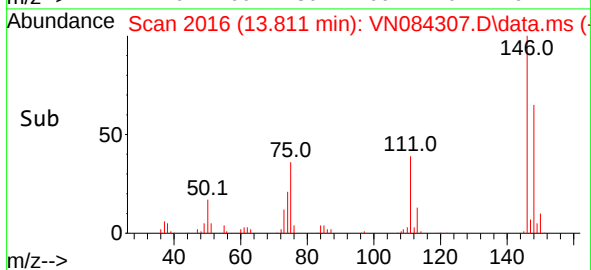
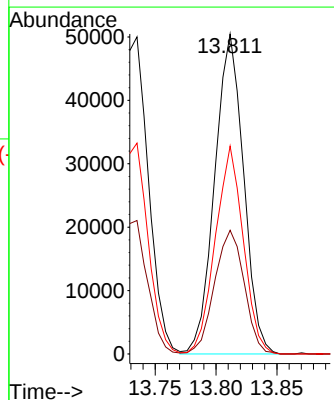
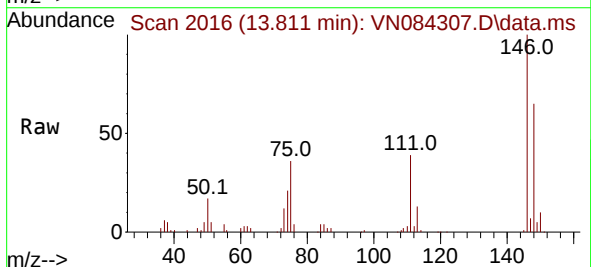
Instrument :
MSVOA_N
ClientSampleId :

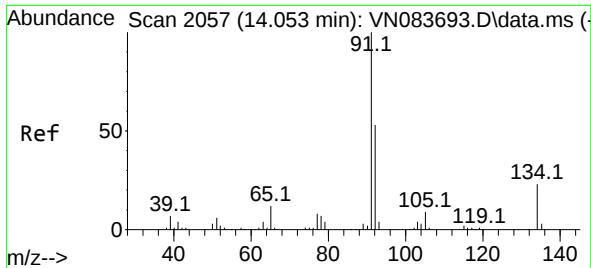
Tgt Ion:146 Resp: 85901
Ion Ratio Lower Upper
146 100
111 40.9 22.4 67.0
148 63.8 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 20.471 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:146 Resp: 83228
Ion Ratio Lower Upper
146 100
111 39.8 21.3 63.9
148 62.9 31.9 95.5

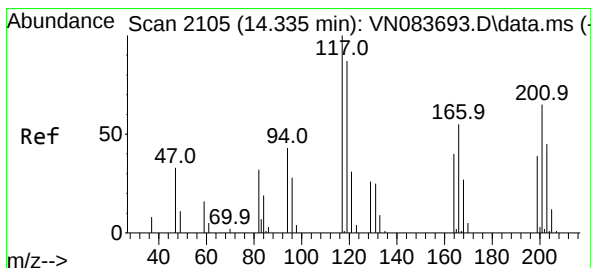
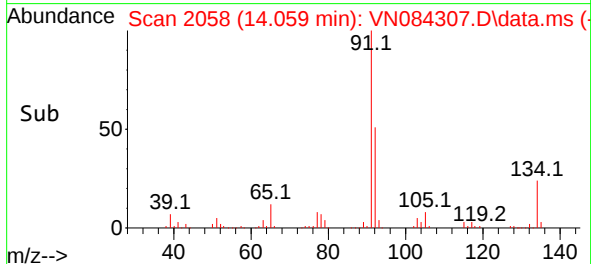
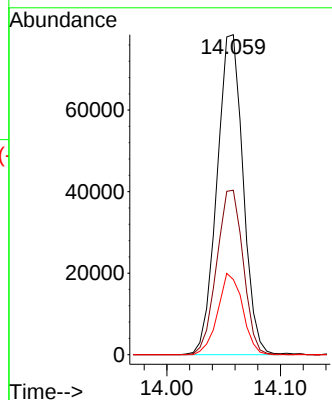
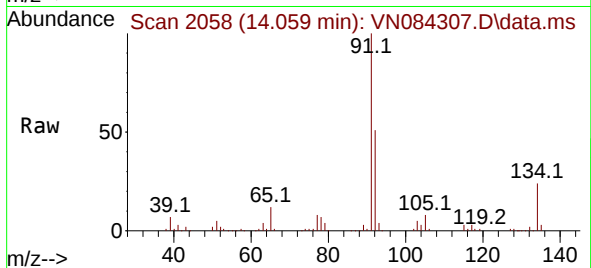




#85
n-Butylbenzene
Concen: 18.409 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

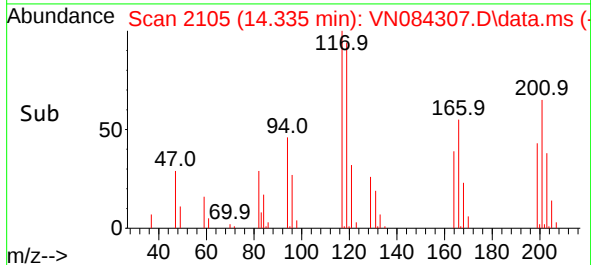
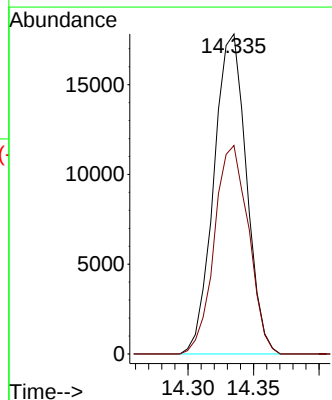
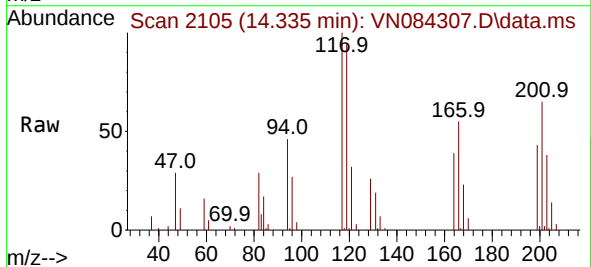
Instrument :
MSVOA_N
ClientSampleId :

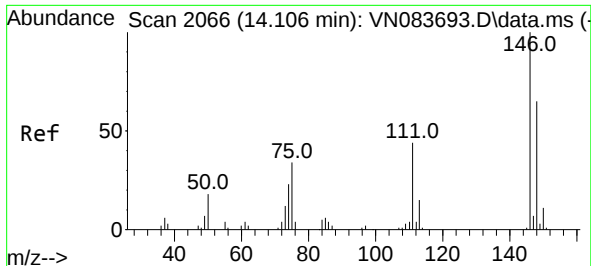
Tgt Ion: 91 Resp: 125465
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.0
134 24.2 0.0 51.8



#86
Hexachloroethane
Concen: 21.062 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion: 117 Resp: 30826
Ion Ratio Lower Upper
117 100
201 68.4 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 20.917 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084307.D

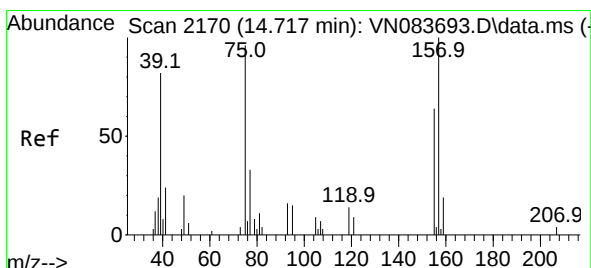
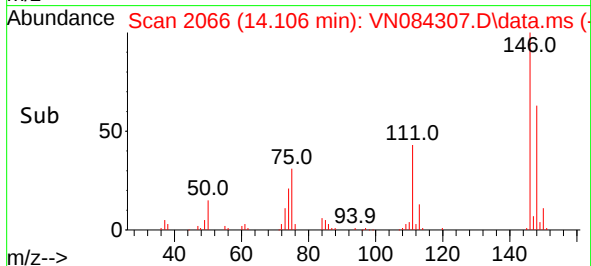
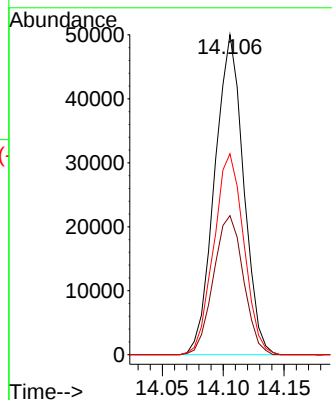
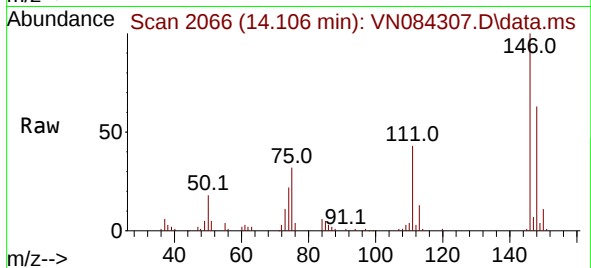
Acq: 04 Oct 2024 08:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	82550
Ion	Ratio	Lower Upper
146	100	
111	45.1	22.6 67.8
148	65.3	31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.878 ug/l

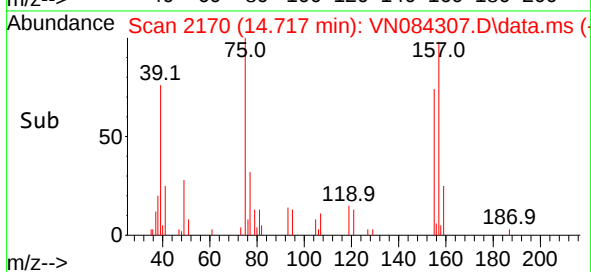
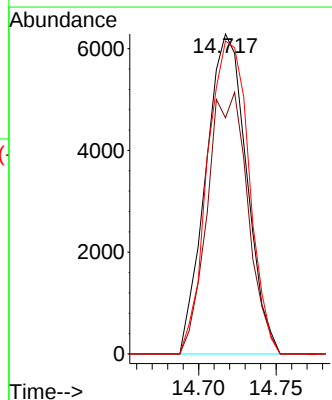
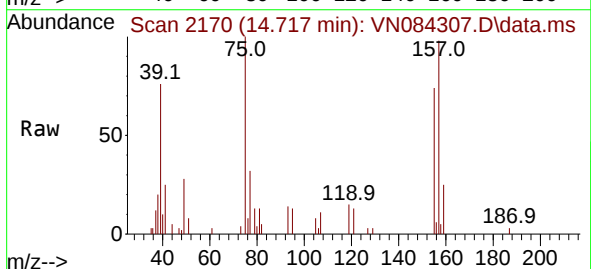
RT: 14.717 min Scan# 2170

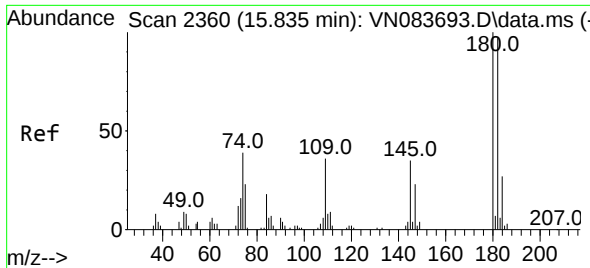
Delta R.T. -0.000 min

Lab File: VN084307.D

Acq: 04 Oct 2024 08:58

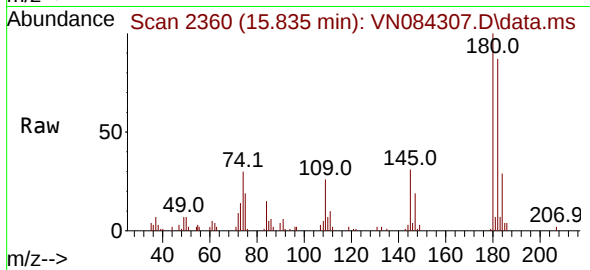
Tgt Ion: 75	Resp:	11528
Ion	Ratio	Lower Upper
75	100	
155	80.8	61.7 92.5
157	99.2	83.6 125.4



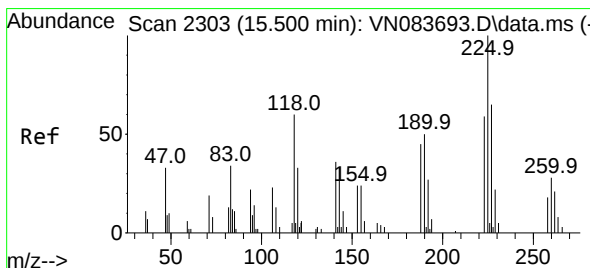
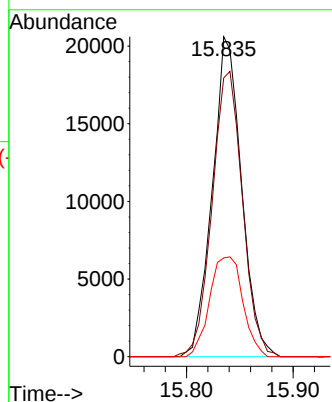
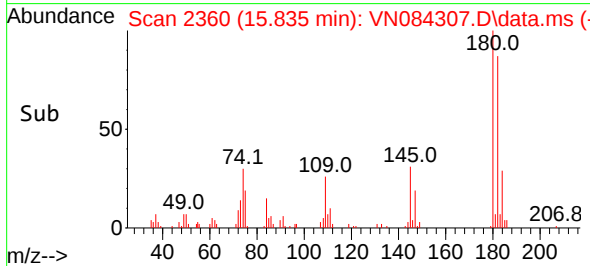


#89
 1,2,4-Trichlorobenzene
 Concen: 18.132 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Instrument :
 MSVOA_N
 ClientSampleId :

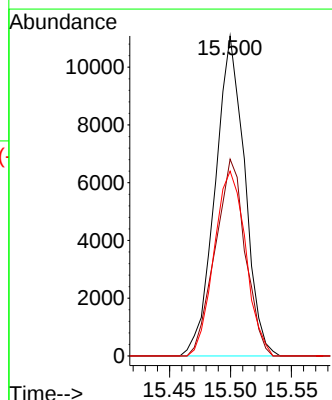
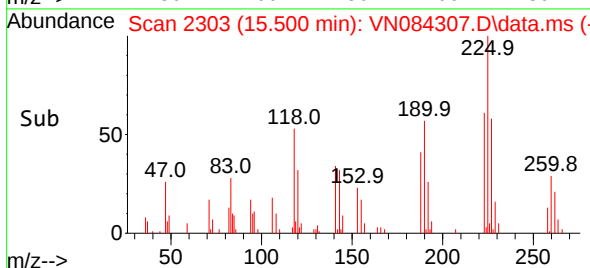
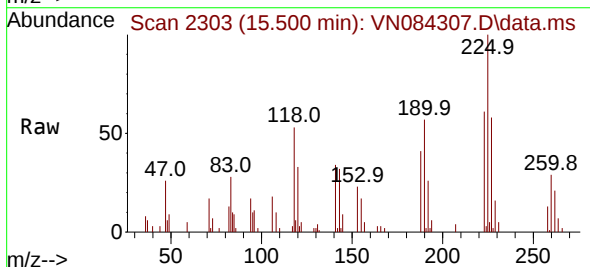


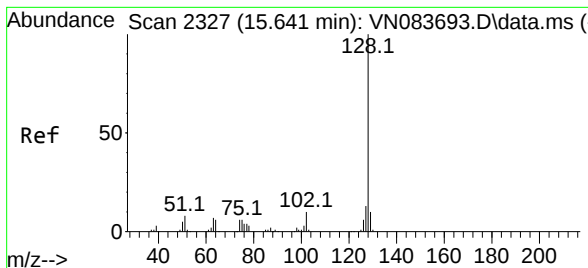
Tgt Ion:180 Resp: 39204
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.4 114.6
 145 35.4 28.4 42.6



#90
 Hexachlorobutadiene
 Concen: 20.866 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN084307.D
 Acq: 04 Oct 2024 08:58

Tgt Ion:225 Resp: 18674
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 126.6
 227 61.8 0.0 126.6

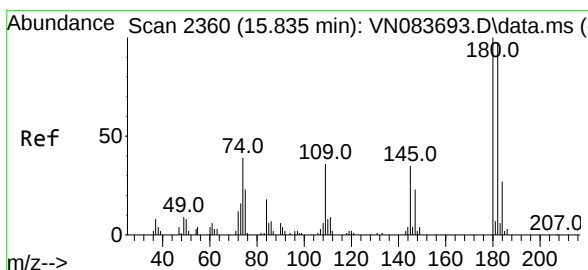
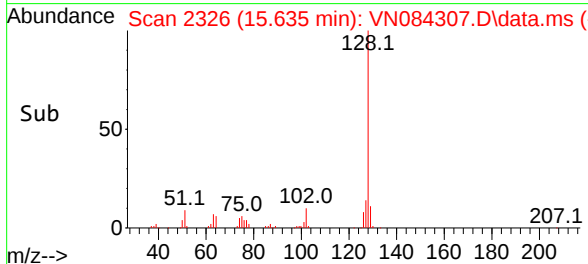
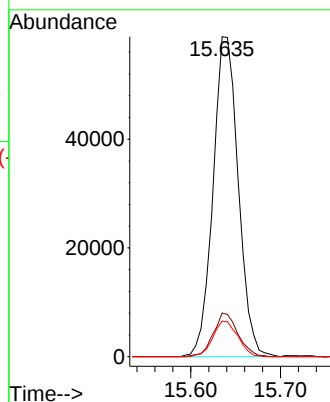
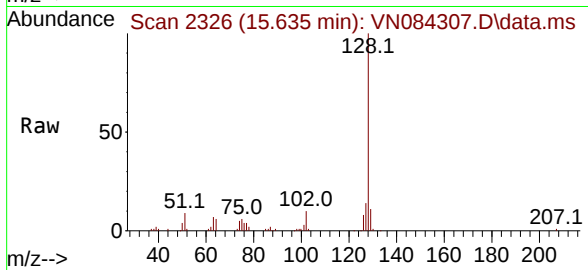




#91
Naphthalene
Concen: 16.247 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 114848
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.132 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084307.D
Acq: 04 Oct 2024 08:58

Tgt Ion:180 Resp: 39204
Ion Ratio Lower Upper
180 100
182 92.6 0.0 191.0
145 35.4 0.0 71.0

