

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085278.D
 Acq On : 20 Dec 2024 12:32
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30734	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	166208	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	149394	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82112	30.371	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.233%	
60) 4-Bromofluorobenzene	12.847	95	72466	29.945	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.833%	
63) Toluene-d8	10.565	98	223219	30.599	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50158	19.518	ug/l	99
3) Chloromethane	2.359	50	49349	19.020	ug/l	99
4) Vinyl Chloride	2.512	62	48734	18.498	ug/l	97
5) Bromomethane	2.959	94	31015	20.138	ug/l	93
6) Chloroethane	3.118	64	32060	19.277	ug/l	96
7) Trichlorofluoromethane	3.495	101	70938	19.599	ug/l	93
8) Diethyl Ether	3.959	74	24315	19.506	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	39991	19.242	ug/l	98
10) 1,1-Dichloroethene	4.342	96	36767	19.365	ug/l	83
11) Methyl Iodide	4.589	142	41974	18.446	ug/l	99
12) Methyl Acetate	5.024	43	55895	19.713	ug/l	98
13) Acrolein	4.183	56	23101	91.263	ug/l	96
14) Acrylonitrile	5.718	53	105493	96.195	ug/l	99
15) Acetone	4.424	58	26887	97.191	ug/l	96
16) Carbon Disulfide	4.706	76	110681	19.177	ug/l	98
17) Allyl chloride	5.018	41	58719	19.118	ug/l	94
18) Methylene Chloride	5.271	84	42309	18.700	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	38628	19.561	ug/l	89
20) Diisopropyl ether	6.671	45	137464	19.529	ug/l	97
21) 1,1-Dichloroethane	6.565	63	78482	19.072	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	45475	19.338	ug/l	96
23) tert-Butyl Alcohol	5.518	59	38641	106.914	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	121633	19.518	ug/l	98
25) Chloroform	7.965	83	80282	19.246	ug/l	100
26) Cyclohexane	8.259	56	59091	18.834	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	53477	18.531	ug/l	99
30) 2-Butanone	7.483	43	144903	95.128	ug/l	99
31) 2,2-Dichloropropane	7.488	77	70358	19.241	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69300	18.473	ug/l	98
33) Carbon Tetrachloride	8.359	117	60749	18.499	ug/l	99
34) Benzene	8.600	78	168630	18.487	ug/l	96
35) Methacrylonitrile	7.777	41	32208	19.101	ug/l	96
36) 1,2-Dichloroethane	8.671	62	60133	18.230	ug/l	99
37) Trichloroethene	9.353	130	36391	18.132	ug/l	97
38) Methylcyclohexane	9.600	83	52332	17.524	ug/l	96
39) 1,2-Dichloropropane	9.618	63	42670	18.386	ug/l	99
40) Dibromomethane	9.712	93	29338	18.132	ug/l	99
41) Bromodichloromethane	9.882	83	63230	18.699	ug/l	99
42) Vinyl Acetate	6.600	43	501206	93.215	ug/l	100

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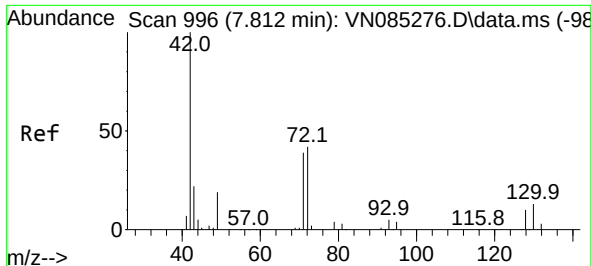
Quant Time: Dec 21 02:21:47 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	62834	19.947	ug/l	93
44) Isopropyl Acetate	8.688	43	96175	18.379	ug/l	99
45) 1,4-Dioxane	9.694	88	16365	402.068	ug/l	95
46) Methyl methacrylate	9.677	41	44473	18.309	ug/l	97
47) n-amyl Acetate	12.494	43	81622	18.310	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	61560	18.431	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	66312	18.467	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	38883	18.375	ug/l	95
51) Ethyl methacrylate	10.871	69	58393	18.244	ug/l	94
52) 1,3-Dichloropropane	11.159	76	67544	18.285	ug/l	97
53) Dibromochloromethane	11.359	129	43527	17.554	ug/l	96
54) 1,2-Dibromoethane	11.465	107	38245	18.675	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	125619	76.195	ug/l	99
56) Bromoform	12.576	173	28323	17.510	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	301712	99.621	ug/l	99
59) 2-Hexanone	11.194	43	219768	99.888	ug/l	98
61) Tetrachloroethene	11.100	164	32545	19.514	ug/l	88
62) Toluene	10.629	91	174303	18.991	ug/l	100
64) Chlorobenzene	11.888	112	105816	19.116	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	38072	18.965	ug/l	98
66) Ethyl Benzene	11.965	91	182223	18.869	ug/l	98
67) m/p-Xylenes	12.070	106	140385	38.748	ug/l	99
68) o-Xylene	12.394	106	64760	18.765	ug/l	97
69) Styrene	12.412	104	110048	18.869	ug/l	99
70) Isopropylbenzene	12.694	105	165430	19.090	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	57570	18.731	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	75488	28.858	ug/l	49
73) Bromobenzene	12.982	156	40507	18.921	ug/l	98
74) n-propylbenzene	13.035	91	202117	18.722	ug/l	98
75) 2-Chlorotoluene	13.123	91	125070	19.231	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	139164	18.821	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	19274	18.029	ug/l	90
78) 4-Chlorotoluene	13.217	91	124745	18.865	ug/l	98
79) tert-butylbenzene	13.435	119	111942	18.512	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	141891	19.279	ug/l	99
81) sec-Butylbenzene	13.612	105	163364	18.712	ug/l	99
82) p-Isopropyltoluene	13.729	119	134436	18.698	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	76679	19.206	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	74097	19.183	ug/l	97
85) n-Butylbenzene	14.053	91	114050	18.373	ug/l	99
86) Hexachloroethane	14.335	117	28626	18.546	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	72156	19.023	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11313	20.163	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	34849	19.393	ug/l	99
90) Hexachlorobutadiene	15.494	225	18190	20.307	ug/l	94
91) Naphthalene	15.641	128	103789	17.976	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	34849	19.393	ug/l	99

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

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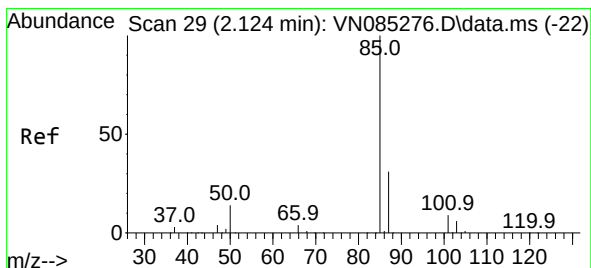
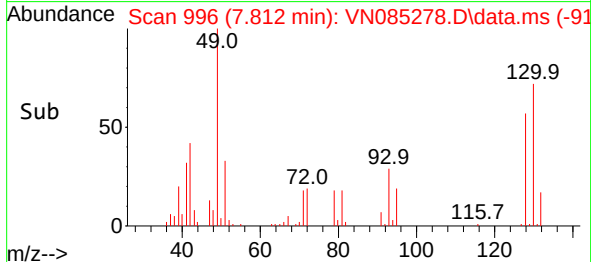
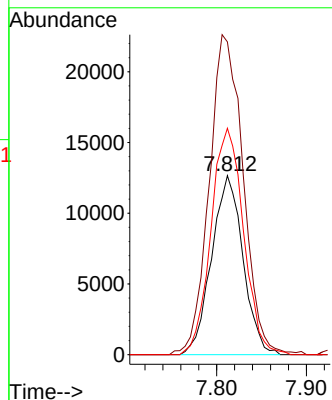
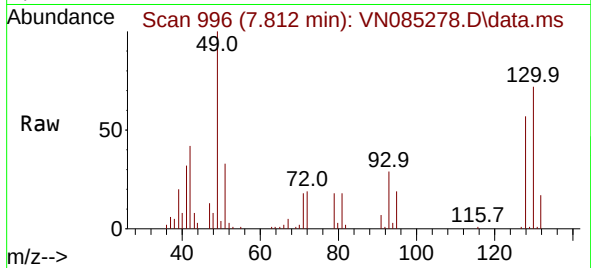




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

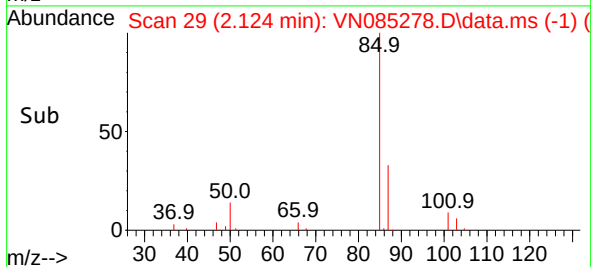
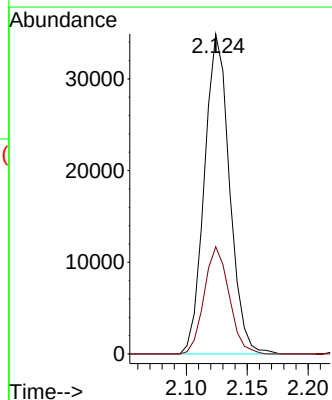
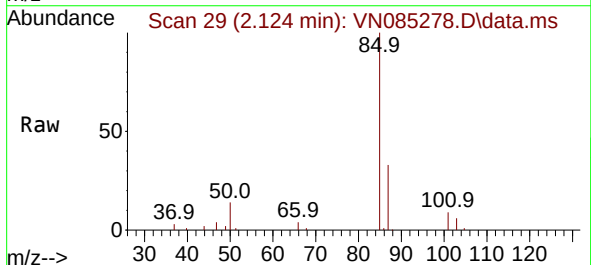
Instrument :
MSVOA_N
ClientSampleId :

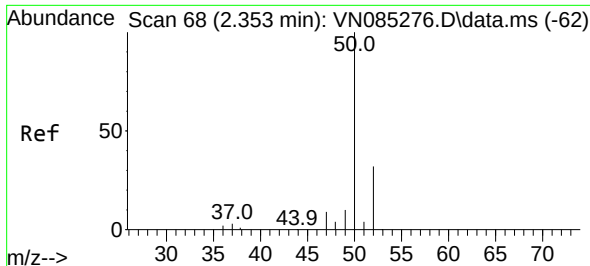
Tgt Ion:128 Resp: 30734
Ion Ratio Lower Upper
128 100
49 193.0 0.0 497.8
130 131.6 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 19.518 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 85 Resp: 50158
Ion Ratio Lower Upper
85 100
87 33.5 16.5 49.5

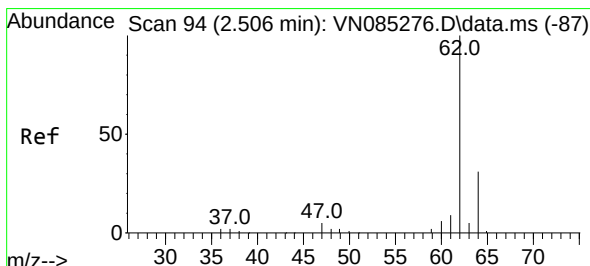
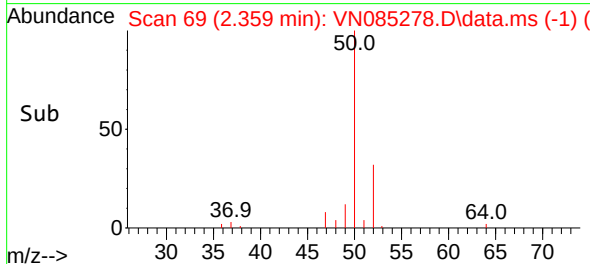
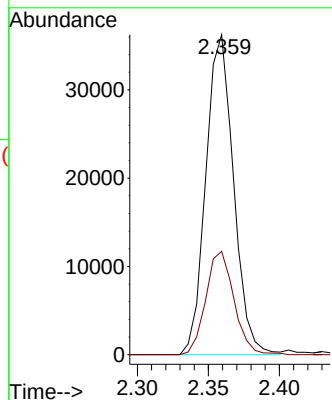
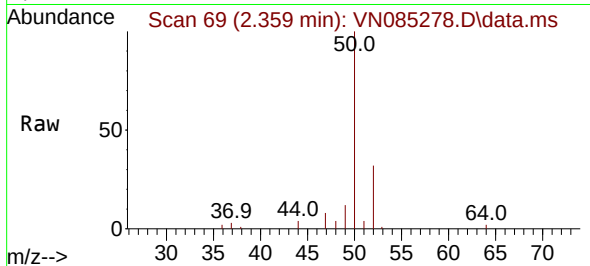




#3
Chloromethane
Concen: 19.020 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

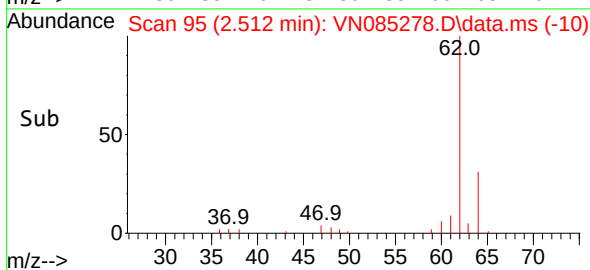
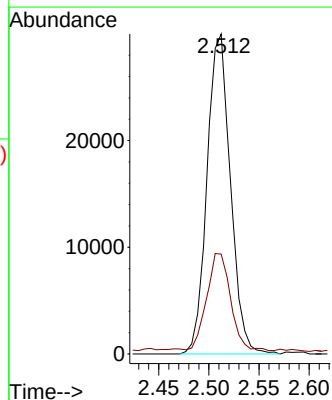
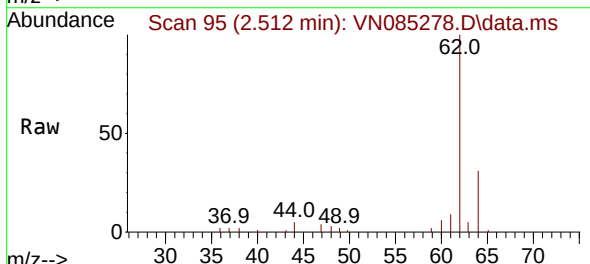
Instrument :
MSVOA_N
ClientSampleId :

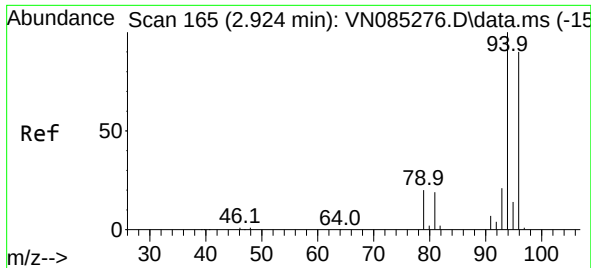
Tgt Ion: 50 Resp: 49349
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 18.498 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 62 Resp: 48734
Ion Ratio Lower Upper
62 100
64 29.7 25.0 37.4

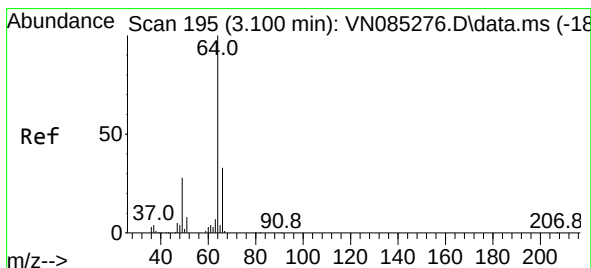
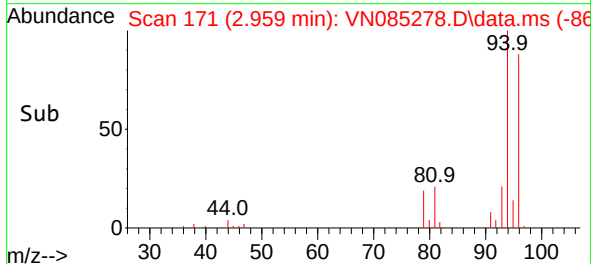
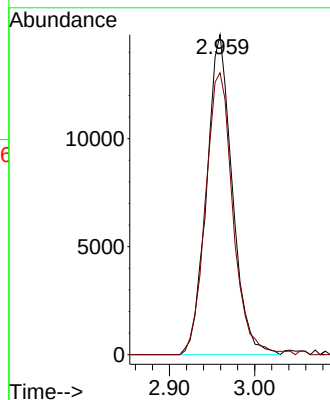
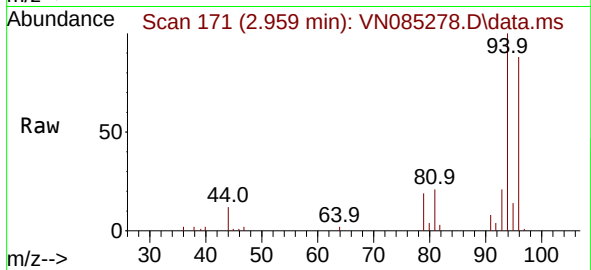




#5
Bromomethane
Concen: 20.138 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

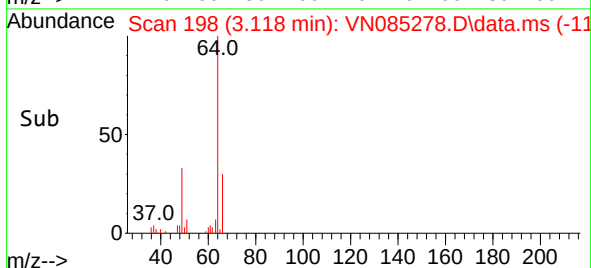
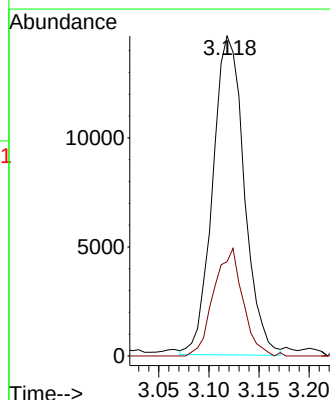
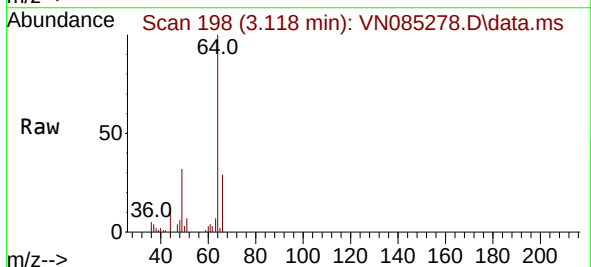
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MSVOA_N
ClientSampleId :

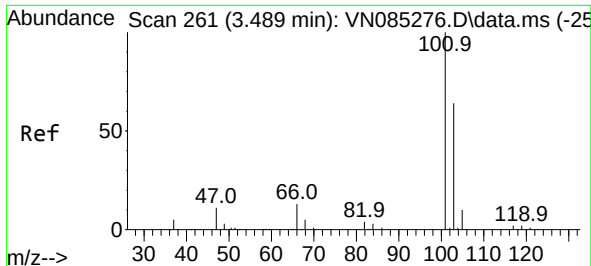
Tgt Ion: 94 Resp: 31015
Ion Ratio Lower Upper
94 100
96 88.1 75.6 113.4



#6
Chloroethane
Concen: 19.277 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 64 Resp: 32060
Ion Ratio Lower Upper
64 100
66 30.0 22.2 33.4

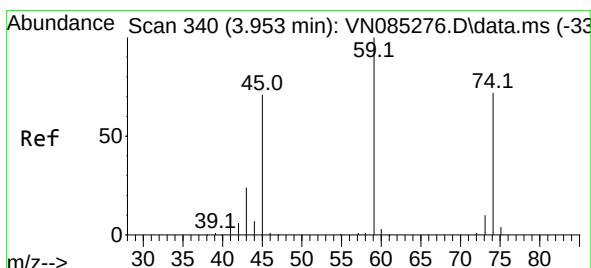
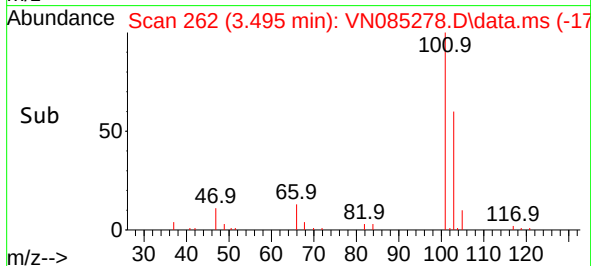
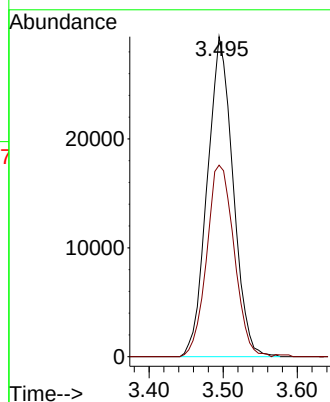
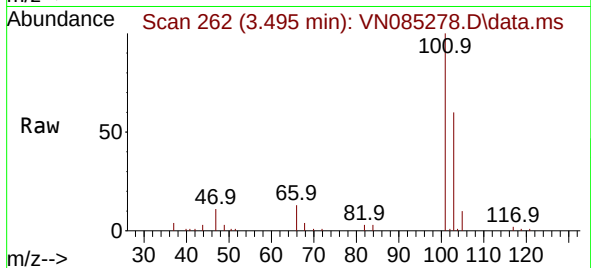




#7
 Trichlorofluoromethane
 Concen: 19.599 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN085278.D
 Acq: 20 Dec 2024 12:32

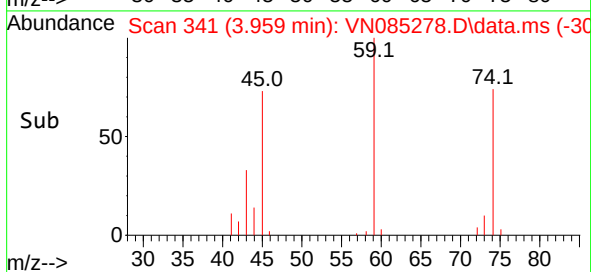
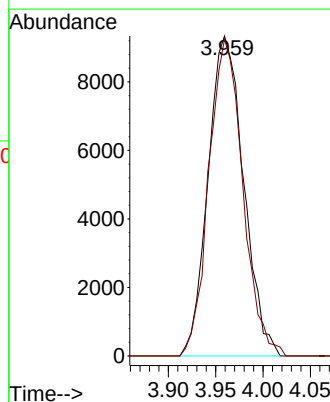
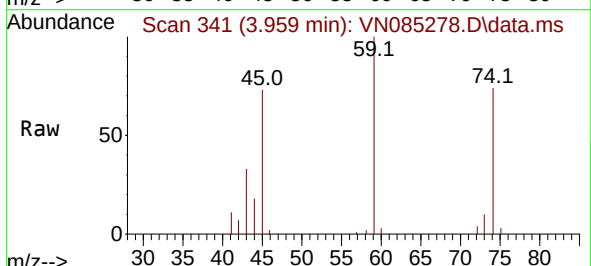
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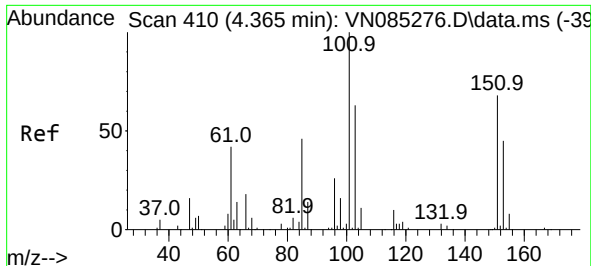
Tgt Ion:101 Resp: 70938
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.6 78.8



#8
 Diethyl Ether
 Concen: 19.506 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085278.D
 Acq: 20 Dec 2024 12:32

Tgt Ion: 74 Resp: 24315
 Ion Ratio Lower Upper
 74 100
 45 94.3 20.8 187.6

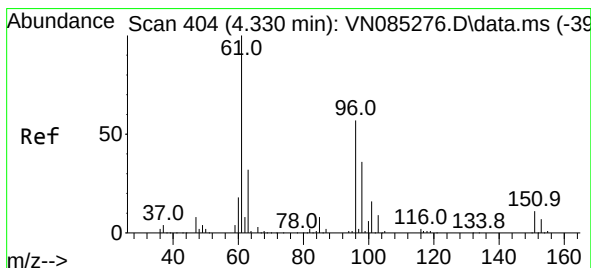
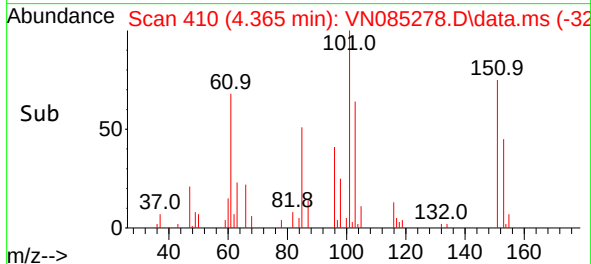
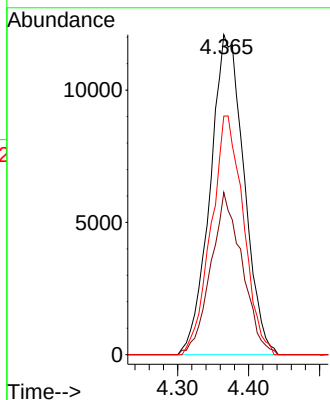
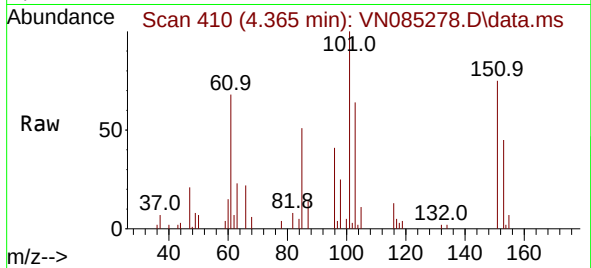




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.242 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

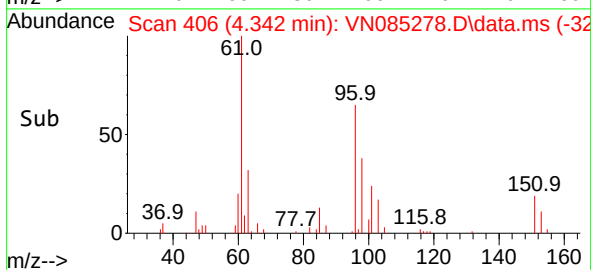
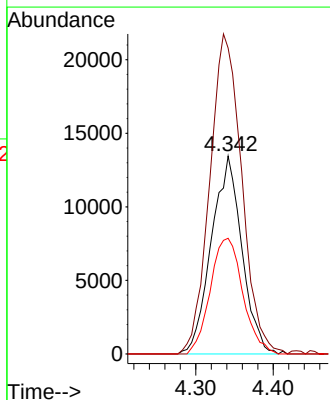
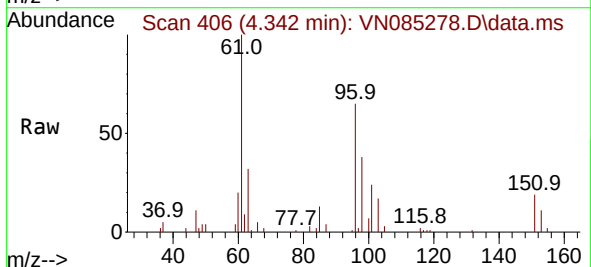
Instrument :
MSVOA_N
ClientSampleId :

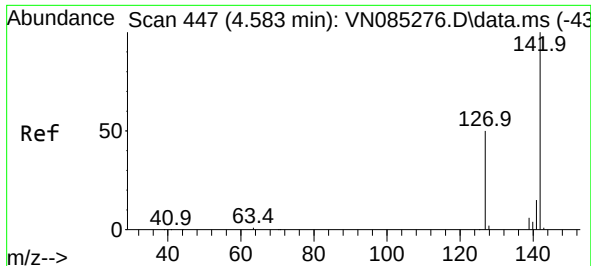
Tgt Ion:101 Resp: 39991
Ion Ratio Lower Upper
101 100
85 47.1 0.0 96.6
151 71.2 0.0 147.4



#10
1,1-Dichloroethene
Concen: 19.365 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

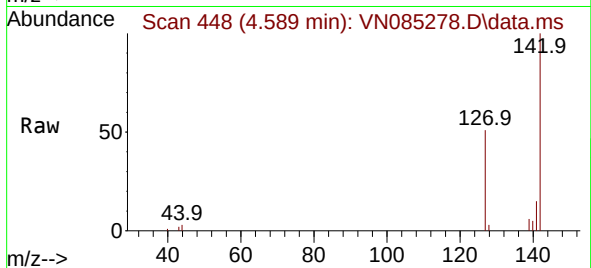
Tgt Ion: 96 Resp: 36767
Ion Ratio Lower Upper
96 100
61 154.5 145.9 218.9
98 58.4 51.9 77.9



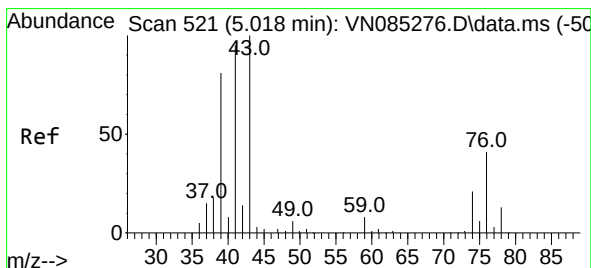
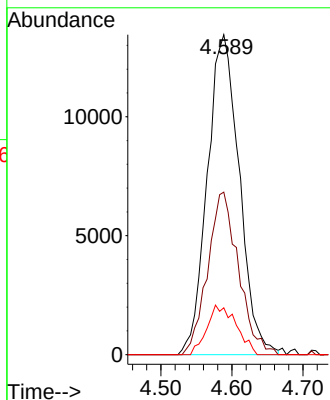
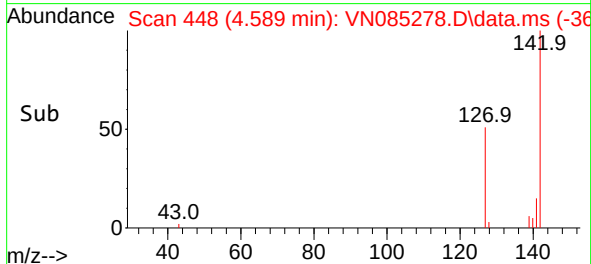


#11
Methyl Iodide
Concen: 18.446 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

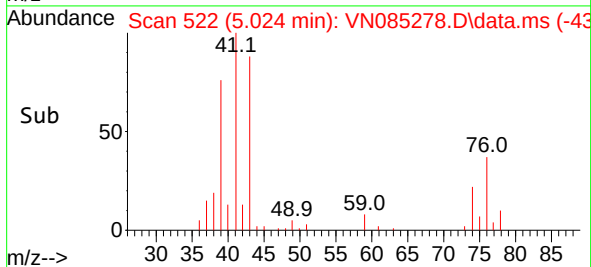
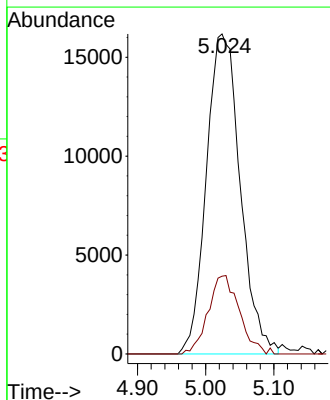
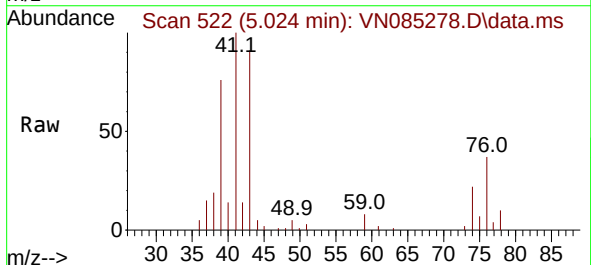


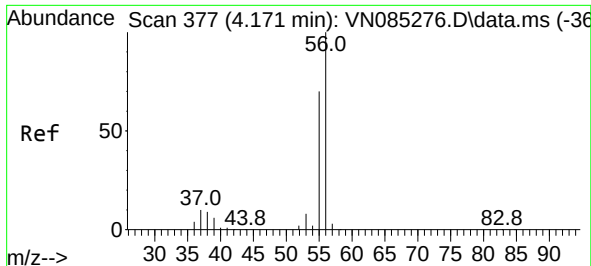
Tgt Ion:142 Resp: 41974
Ion Ratio Lower Upper
142 100
127 51.1 25.1 75.4
141 14.7 6.9 20.7



#12
Methyl Acetate
Concen: 19.713 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 43 Resp: 55895
Ion Ratio Lower Upper
43 100
74 24.5 20.5 30.7





#13

Acrolein

Concen: 91.263 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

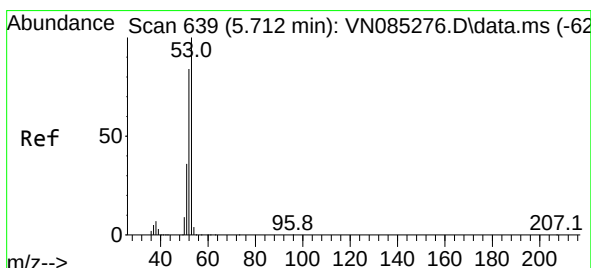
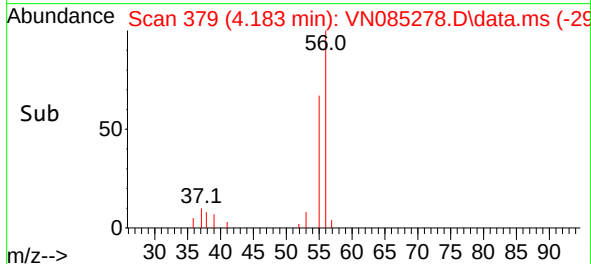
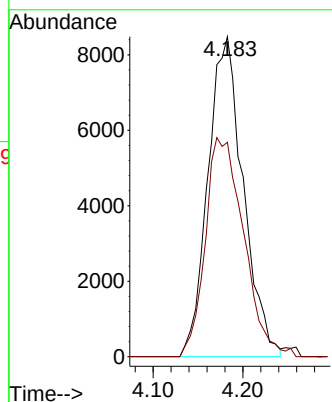
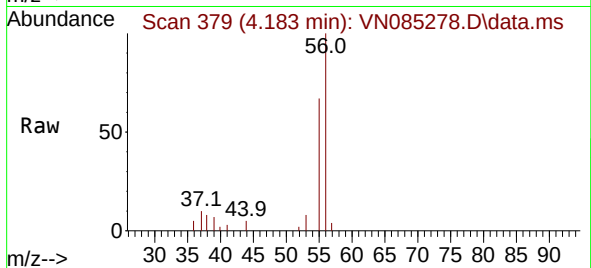
ClientSampleId :

Tgt Ion: 56 Resp: 23101

Ion Ratio Lower Upper

56 100

55 74.2 56.8 85.2



#14

Acrylonitrile

Concen: 96.195 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

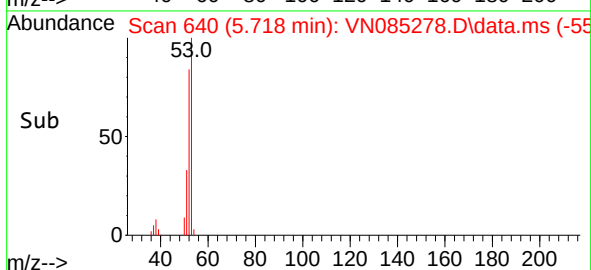
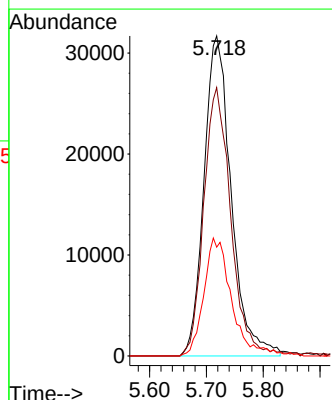
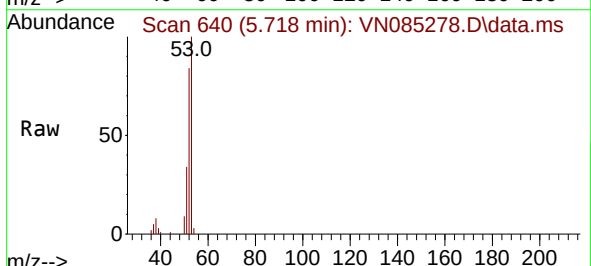
Tgt Ion: 53 Resp: 105493

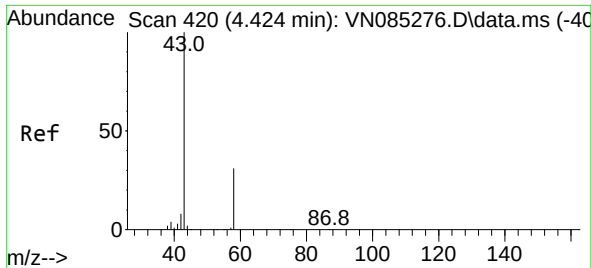
Ion Ratio Lower Upper

53 100

52 82.1 41.6 124.8

51 36.2 18.1 54.4





#15

Acetone

Concen: 97.191 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

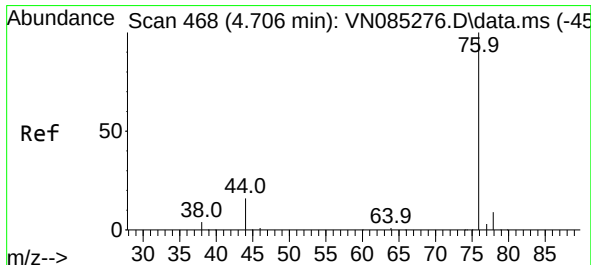
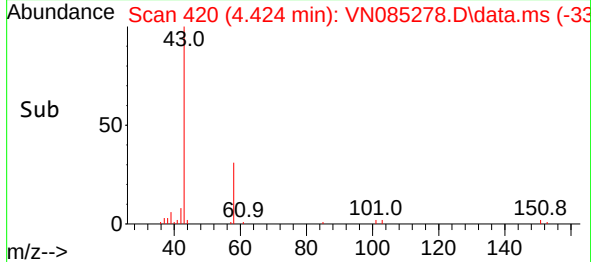
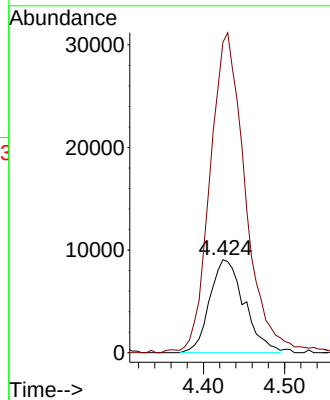
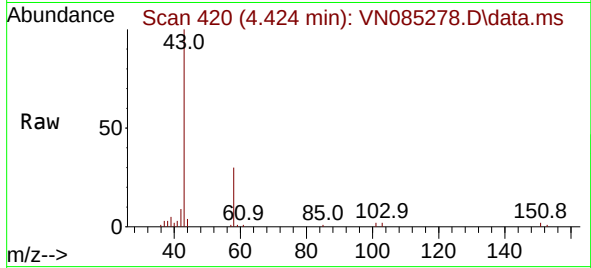
ClientSampleId :

Tgt Ion: 58 Resp: 26887

Ion Ratio Lower Upper

58 100

43 331.5 258.8 388.2



#16

Carbon Disulfide

Concen: 19.177 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085278.D

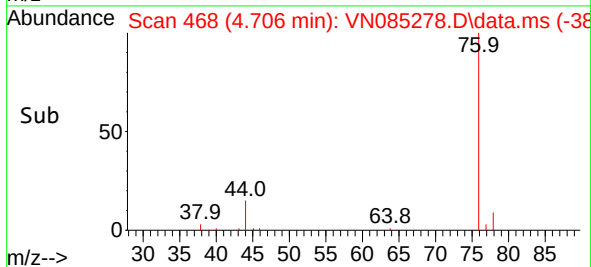
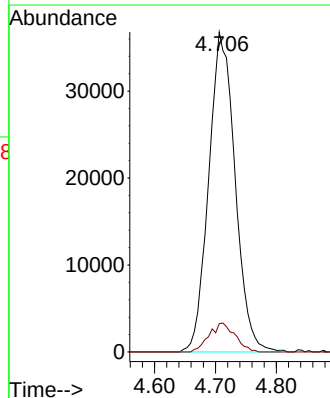
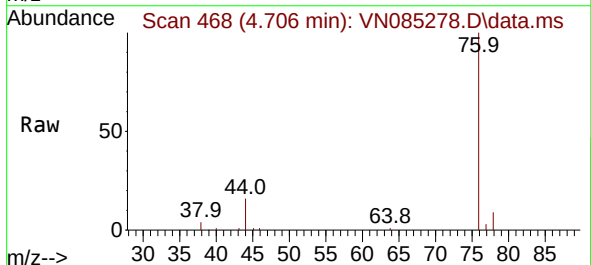
Acq: 20 Dec 2024 12:32

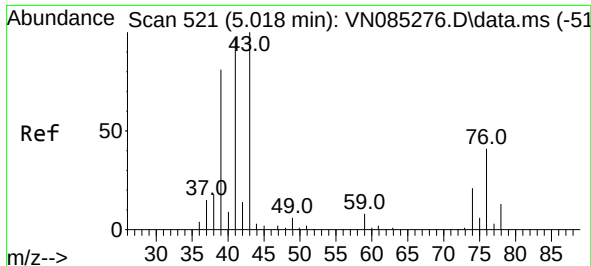
Tgt Ion: 76 Resp: 110681

Ion Ratio Lower Upper

76 100

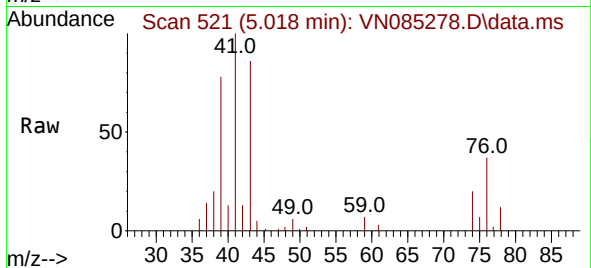
78 8.9 6.6 9.8



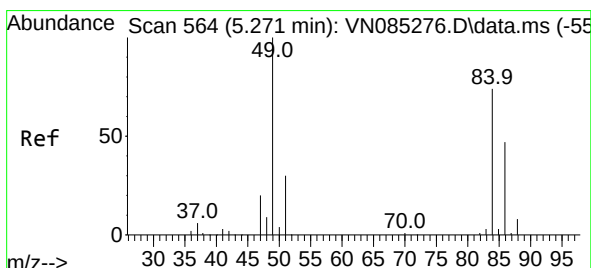
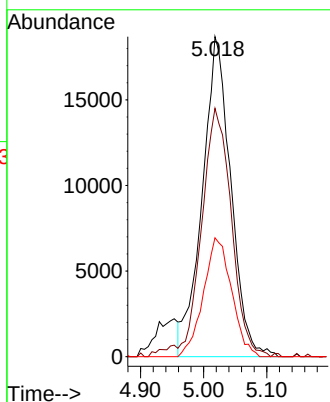
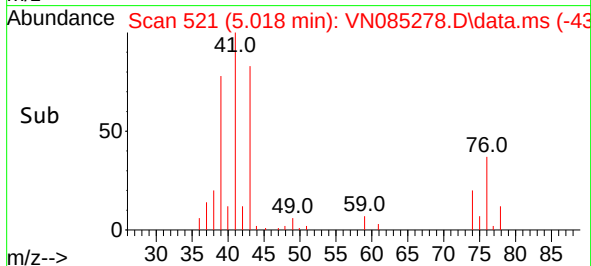


#17
Allyl chloride
Concen: 19.118 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

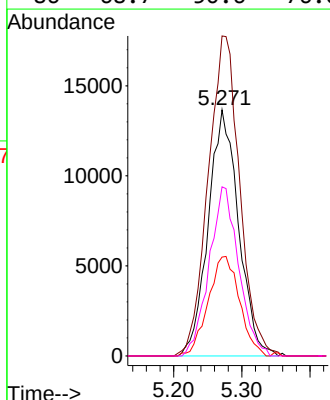
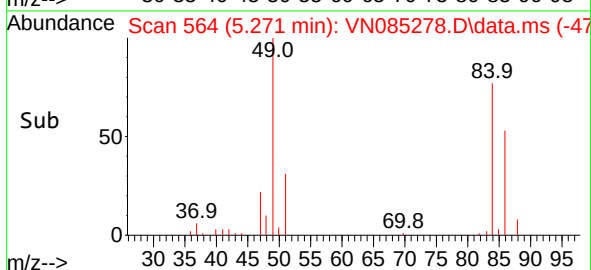
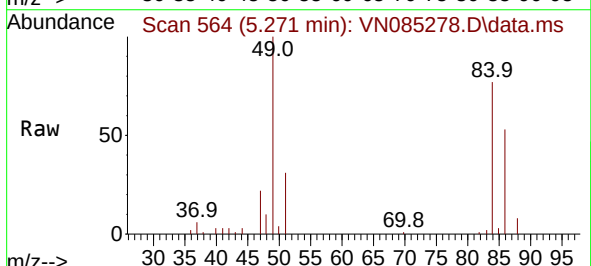


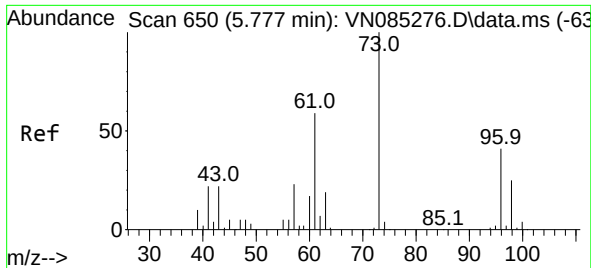
Tgt Ion: 41 Resp: 58719
Ion Ratio Lower Upper
41 100
39 76.6 41.3 124.1
76 37.1 19.5 58.5



#18
Methylene Chloride
Concen: 18.700 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 84 Resp: 42309
Ion Ratio Lower Upper
84 100
49 128.9 104.9 157.3
51 40.2 30.2 45.4
86 68.7 50.6 76.0

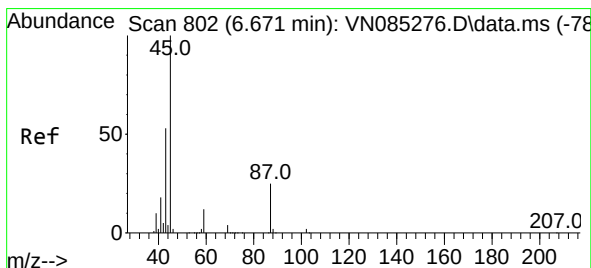
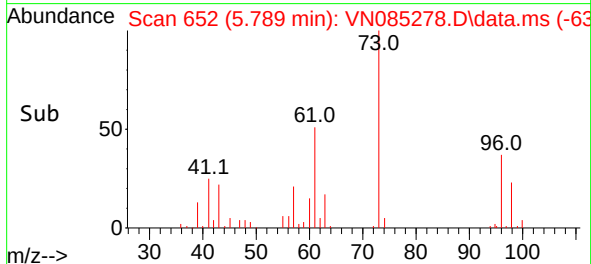
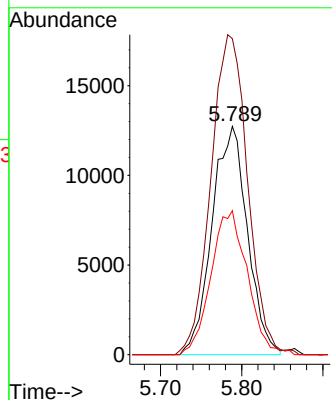
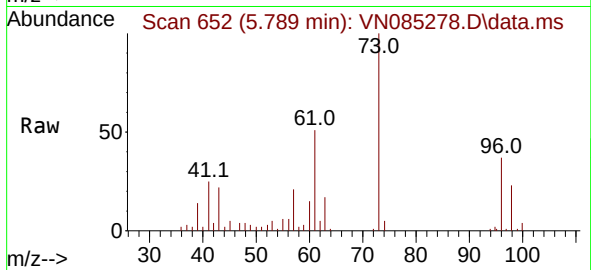




#19
trans-1,2-Dichloroethene
Concen: 19.561 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

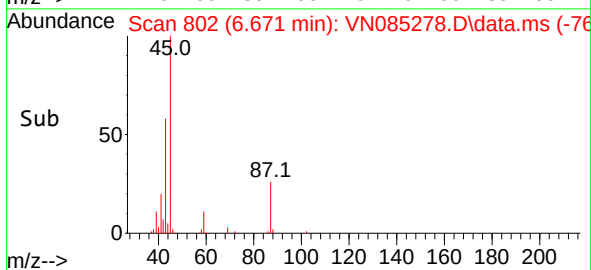
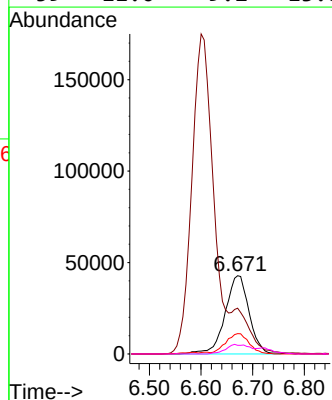
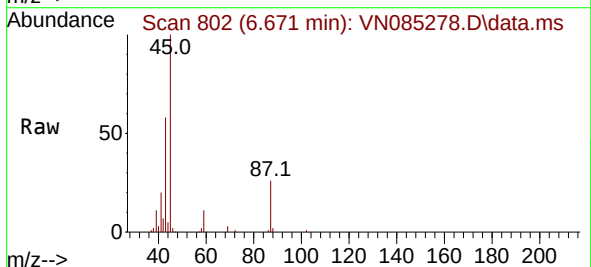
Instrument :
MSVOA_N
ClientSampleId :

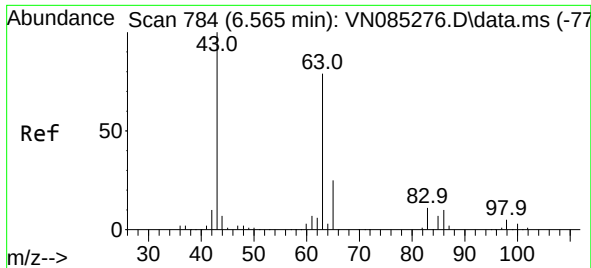
Tgt Ion: 96 Resp: 38628
Ion Ratio Lower Upper
96 100
61 136.5 124.2 186.4
98 63.1 51.0 76.4



#20
Diisopropyl ether
Concen: 19.529 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 45 Resp: 137464
Ion Ratio Lower Upper
45 100
43 56.3 46.6 69.8
87 26.0 22.3 33.5
59 11.0 9.2 13.8

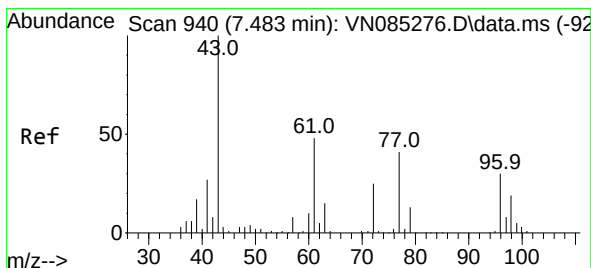
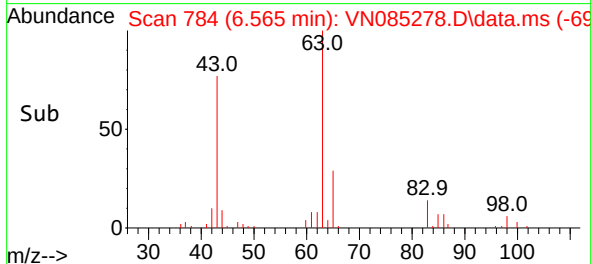
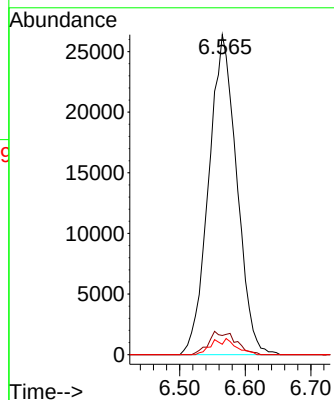
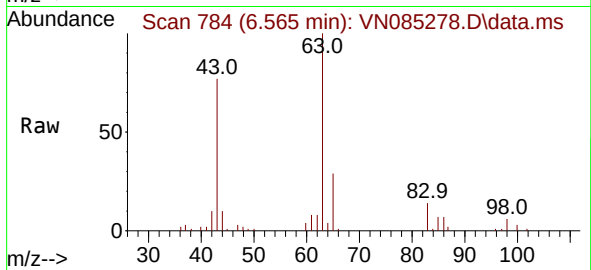




#21
 1,1-Dichloroethane
 Concen: 19.072 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085278.D
 Acq: 20 Dec 2024 12:32

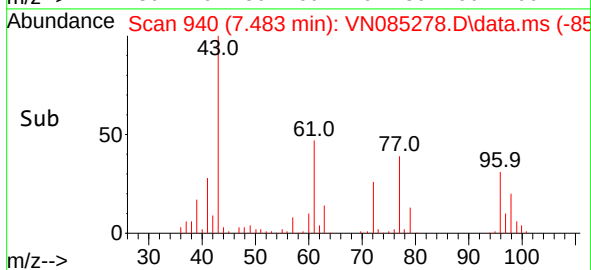
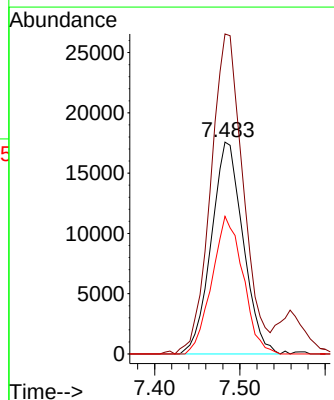
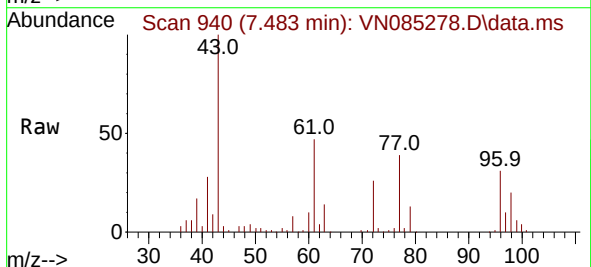
Instrument :
 MSVOA_N
 ClientSampleId :

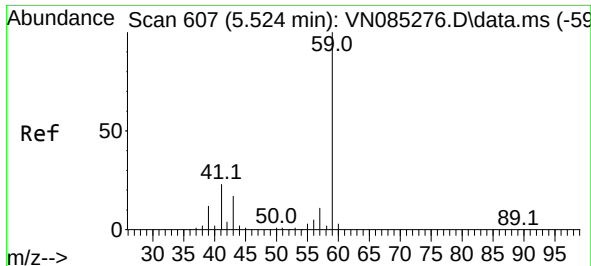
Tgt Ion: 63	Resp: 78482
Ion Ratio	Lower Upper
63 100	
98 6.0	2.4 7.1
100 3.2	2.1 6.3



#22
 cis-1,2-Dichloroethene
 Concen: 19.338 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085278.D
 Acq: 20 Dec 2024 12:32

Tgt Ion: 96	Resp: 45475		
Ion Ratio	Lower	Upper	
96	100		
61	154.2	128.1	192.1
98	63.6	52.7	79.1

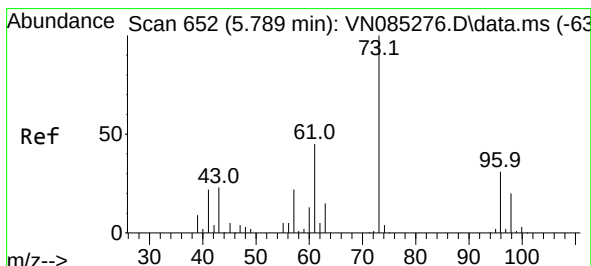
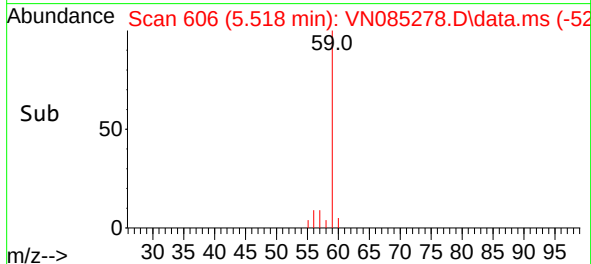
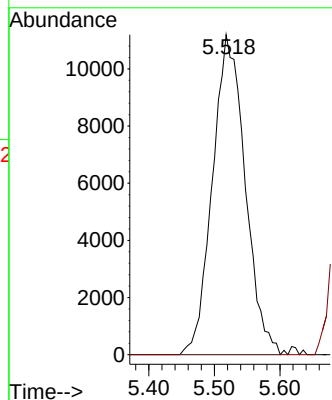
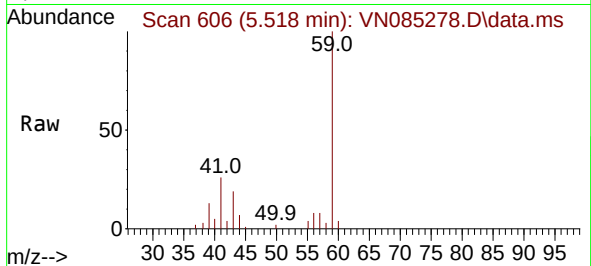




#23
tert-Butyl Alcohol
Concen: 106.914 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

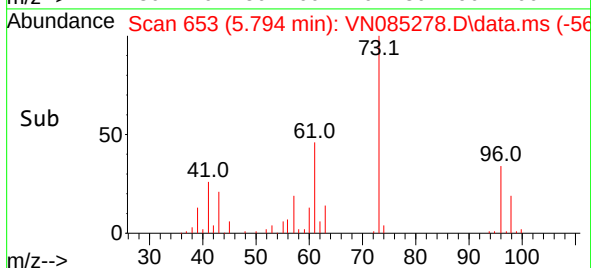
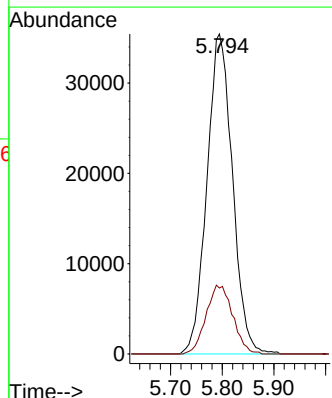
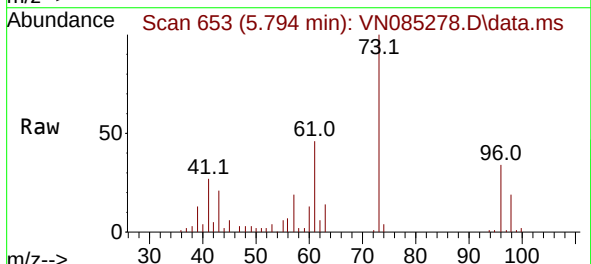
Instrument :
MSVOA_N
ClientSampleId :

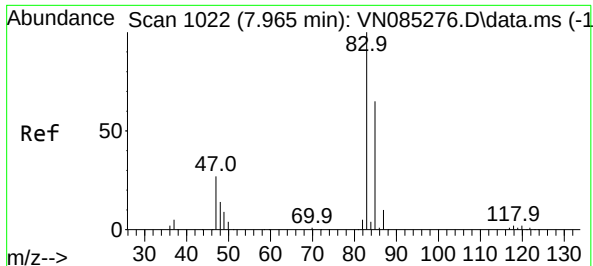
Tgt Ion: 59 Resp: 38641
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.518 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 73 Resp: 121633
Ion Ratio Lower Upper
73 100
43 22.4 18.6 27.8





#25

Chloroform

Concen: 19.246 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

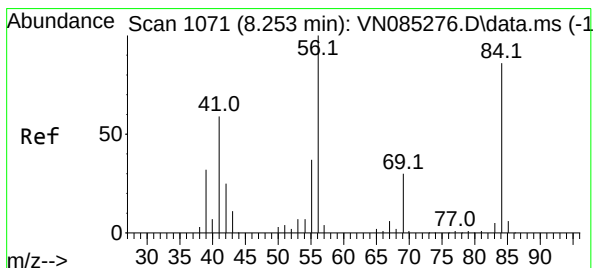
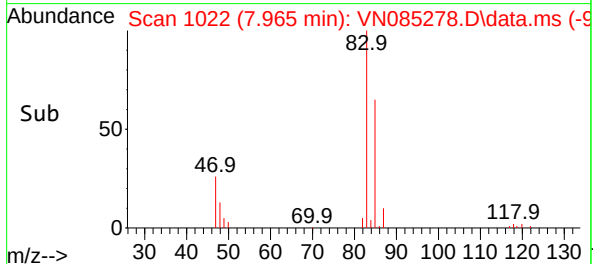
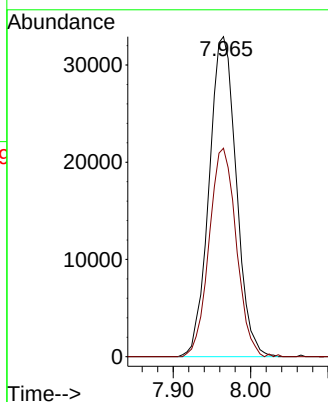
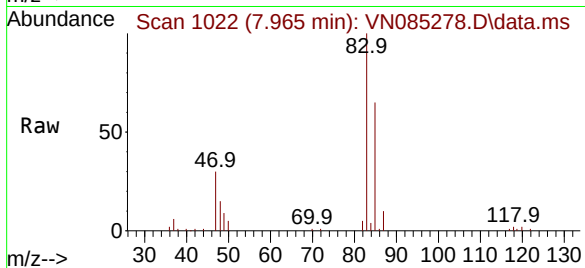
ClientSampleId :

Tgt Ion: 83 Resp: 80282

Ion Ratio Lower Upper

83 100

85 65.1 52.0 78.0



#26

Cyclohexane

Concen: 18.834 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

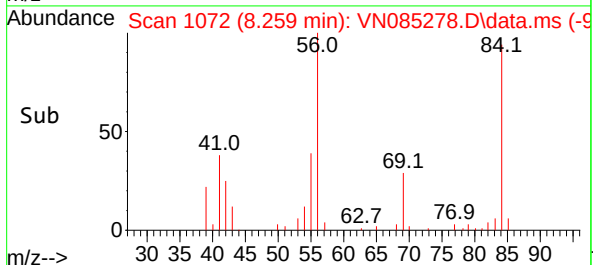
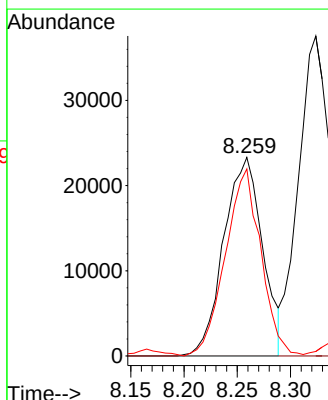
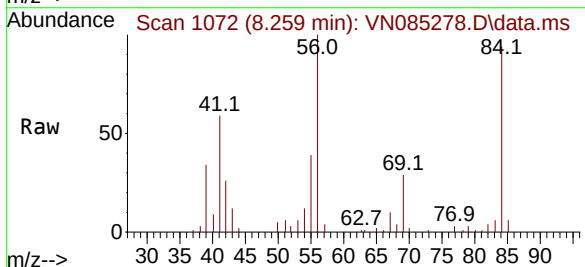
Tgt Ion: 56 Resp: 59091

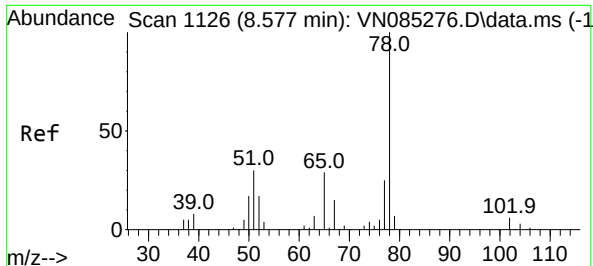
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.3 67.6 101.4

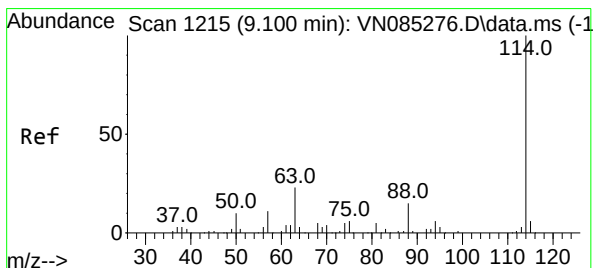
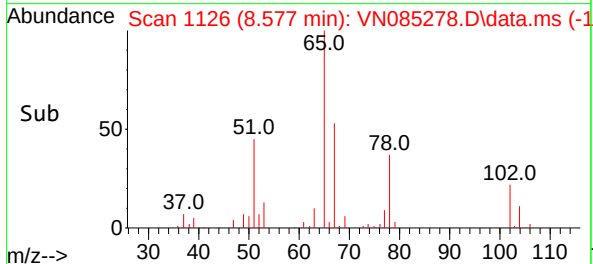
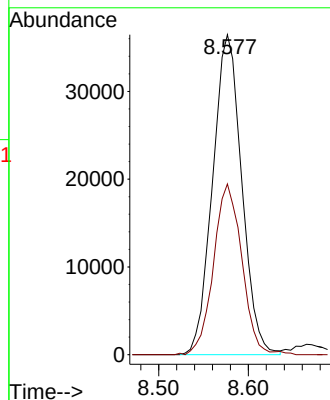
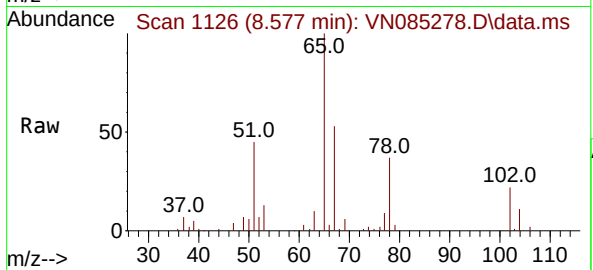




#27
1,2-Dichloroethane-d4
Concen: 30.371 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

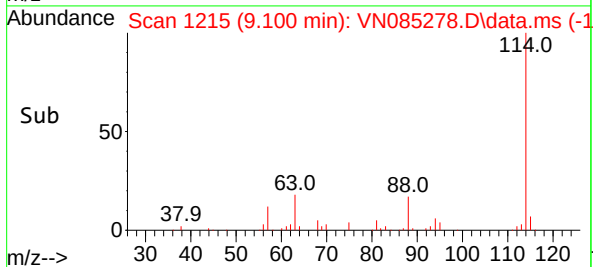
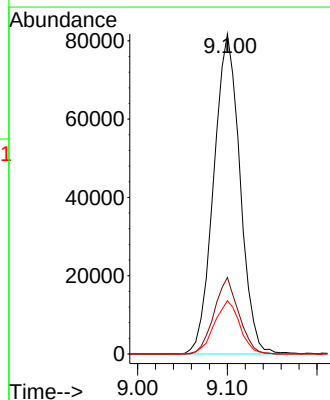
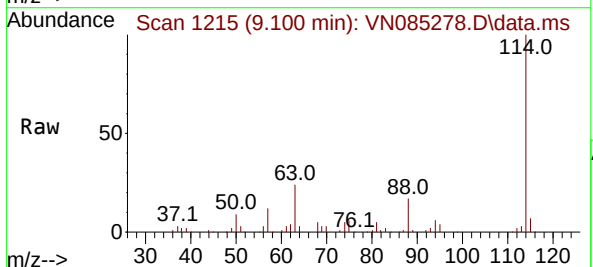
Instrument :
MSVOA_N
ClientSampleId :

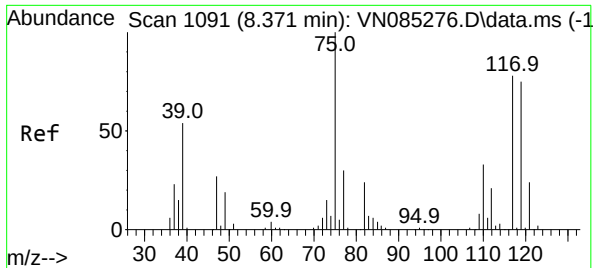
Tgt Ion: 65 Resp: 82112
Ion Ratio Lower Upper
65 100
67 51.4 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 114 Resp: 166208
Ion Ratio Lower Upper
114 100
63 22.4 18.0 27.0
88 16.1 12.9 19.3

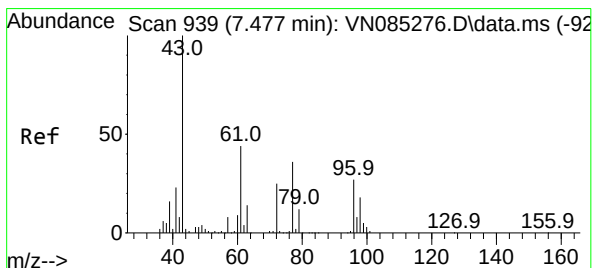
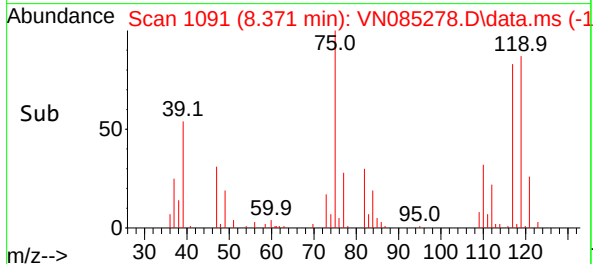
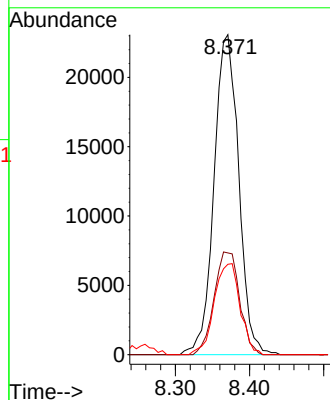
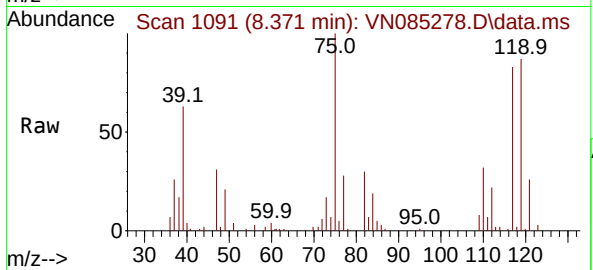




#29
1,1-Dichloropropene
Concen: 18.531 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

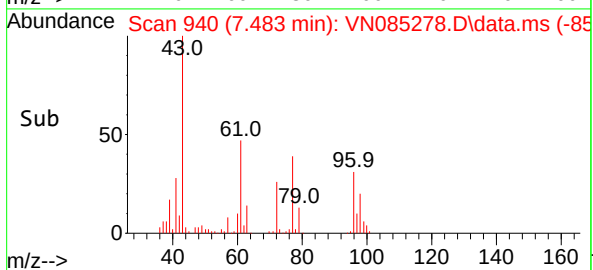
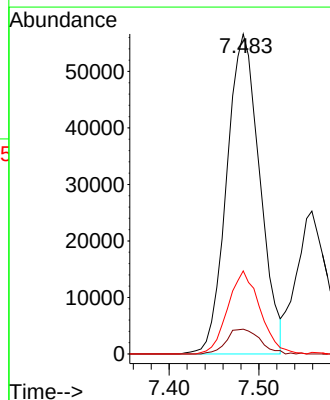
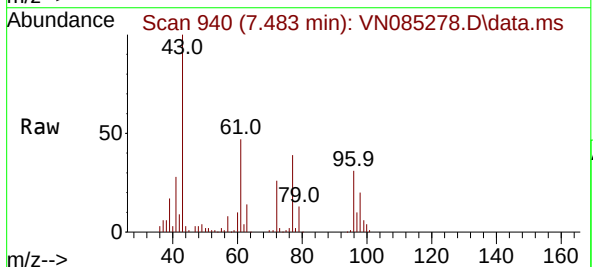
Instrument :
MSVOA_N
ClientSampleId :

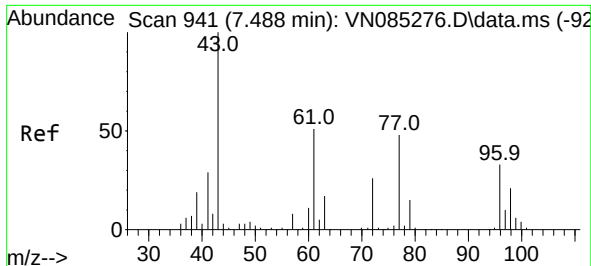
Tgt Ion: 75 Resp: 53477
Ion Ratio Lower Upper
75 100
110 33.1 0.0 64.8
77 29.8 0.0 60.8



#30
2-Butanone
Concen: 95.128 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 43 Resp: 144903
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.2
72 25.3 19.9 29.9

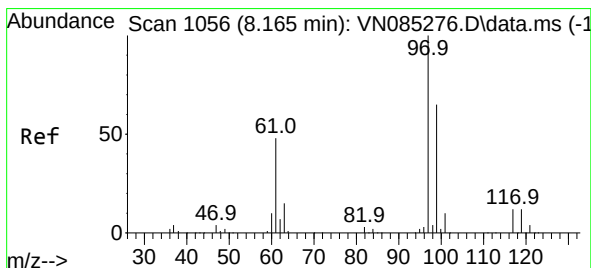
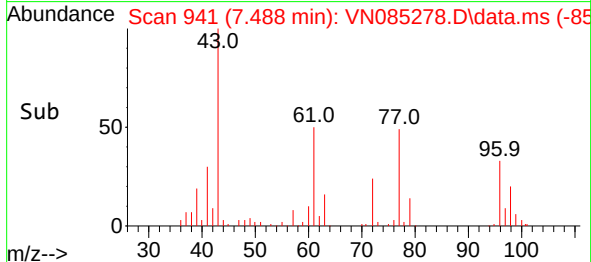
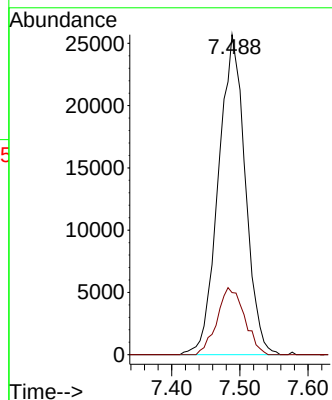
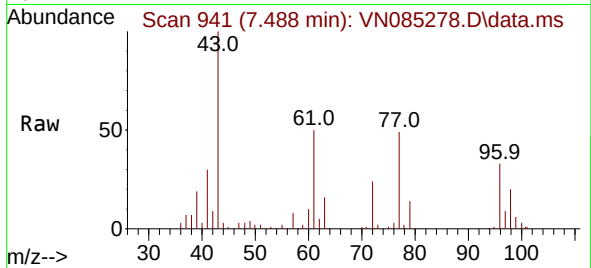




#31
2,2-Dichloropropane
Concen: 19.241 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

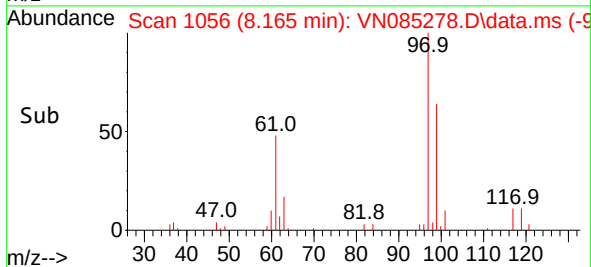
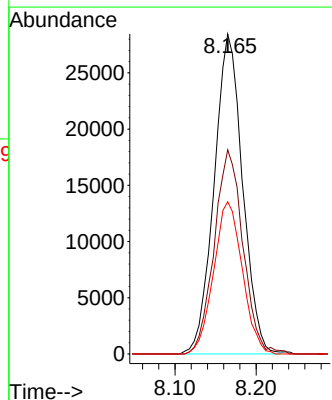
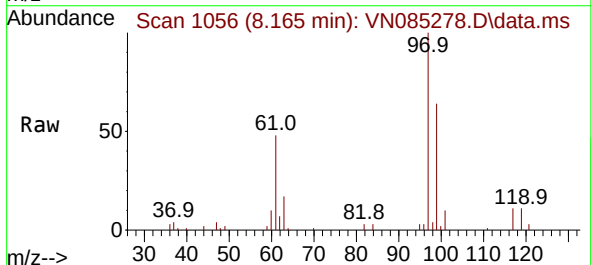
Instrument :
MSVOA_N
ClientSampleId :

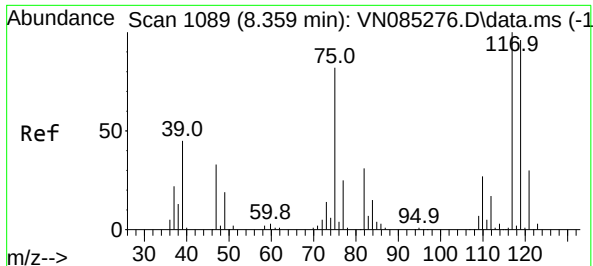
Tgt Ion: 77 Resp: 70358
Ion Ratio Lower Upper
77 100
97 21.4 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 18.473 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 97 Resp: 69300
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 48.0 39.8 59.8





#33

Carbon Tetrachloride

Concen: 18.499 ug/l

RT: 8.359 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

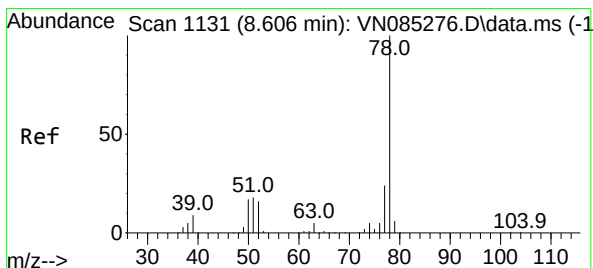
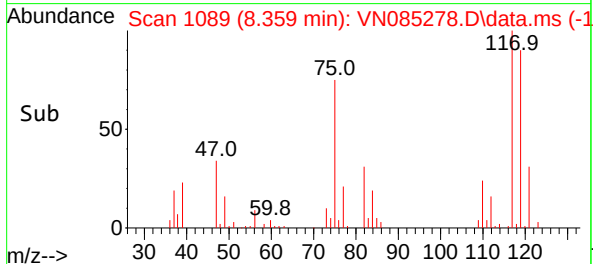
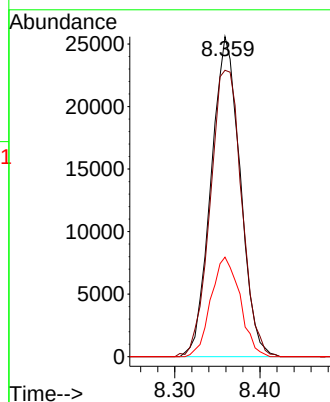
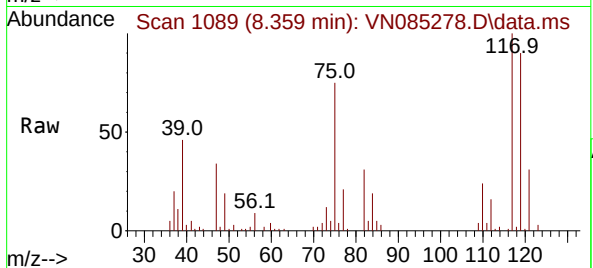
Tgt Ion:117 Resp: 60749

Ion Ratio Lower Upper

117 100

119 89.5 71.6 107.4

121 31.1 23.5 35.3



#34

Benzene

Concen: 18.487 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

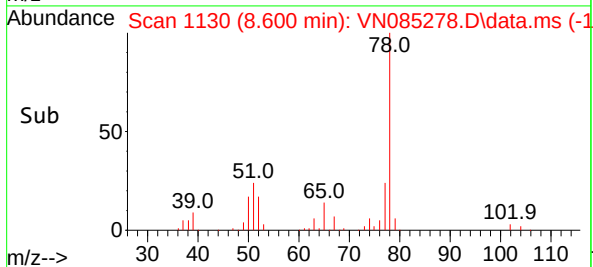
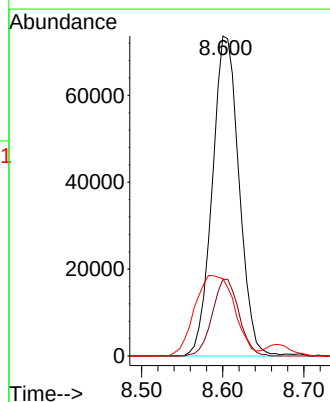
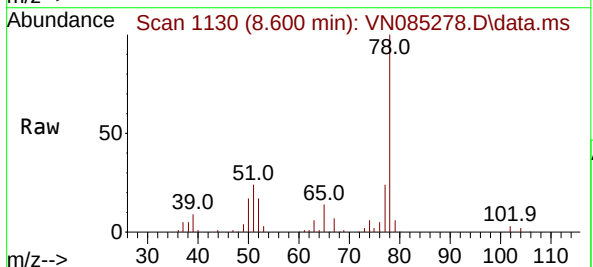
Tgt Ion: 78 Resp: 168630

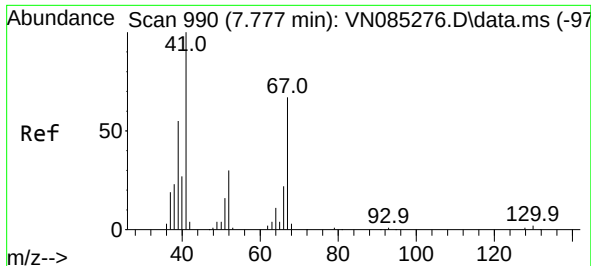
Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

51 21.8 14.6 21.8

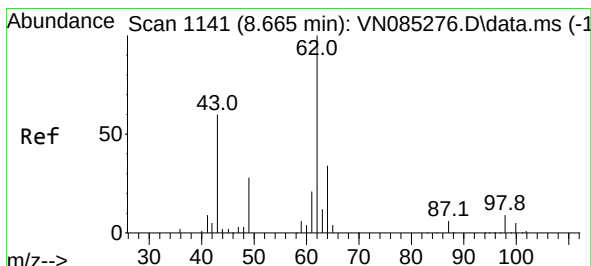
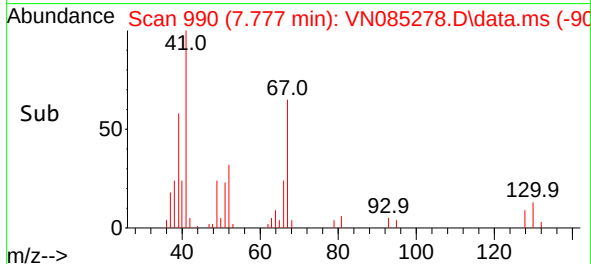
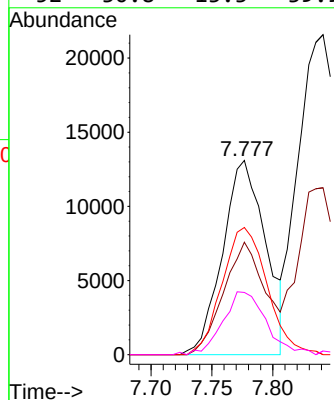
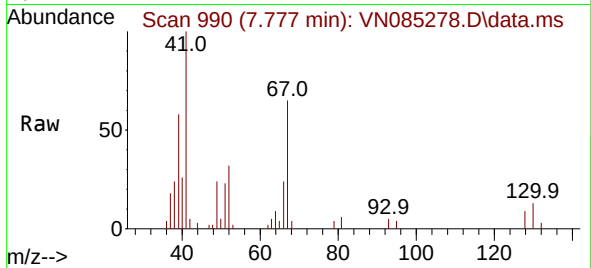




#35
Methacrylonitrile
Concen: 19.101 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

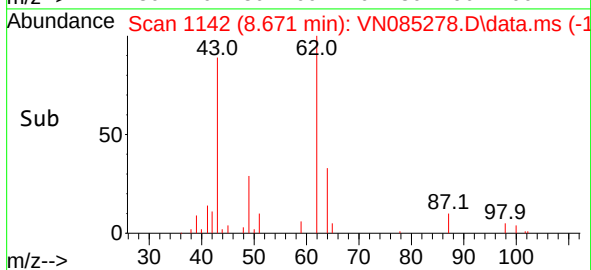
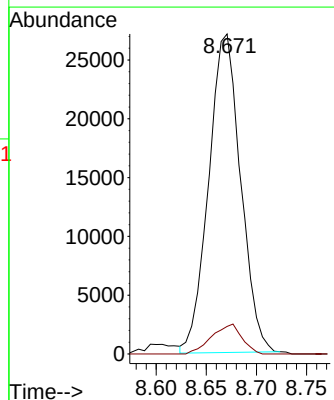
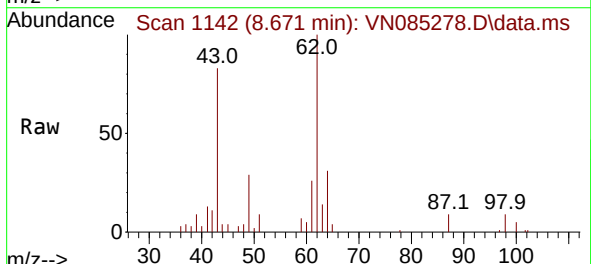
Instrument :
MSVOA_N
ClientSampleId :

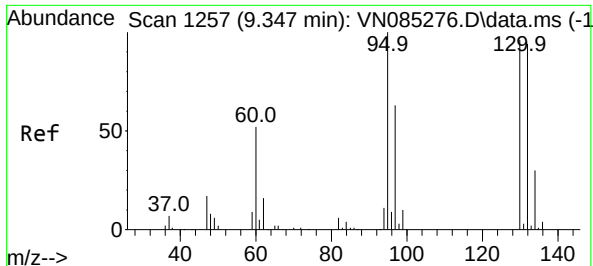
Tgt Ion: 41	Resp: 32208
Ion Ratio	Lower Upper
41 100	
39 57.9	26.7 80.0
67 65.5	32.5 97.5
52 30.8	13.3 39.9



#36
1,2-Dichloroethane
Concen: 18.230 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 62	Resp: 60133
Ion Ratio	Lower Upper
62 100	
98 8.8	6.6 10.0





#37

Trichloroethene

Concen: 18.132 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

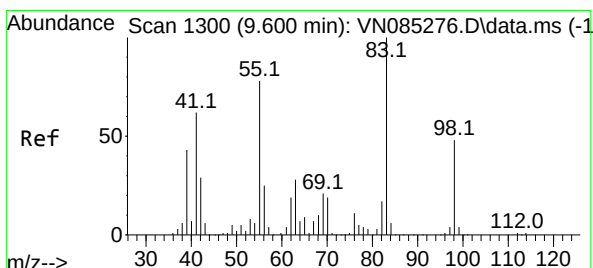
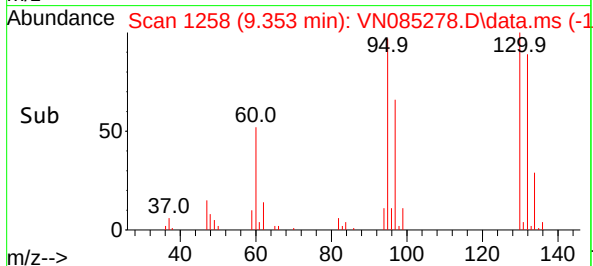
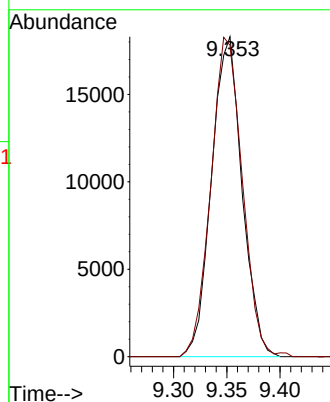
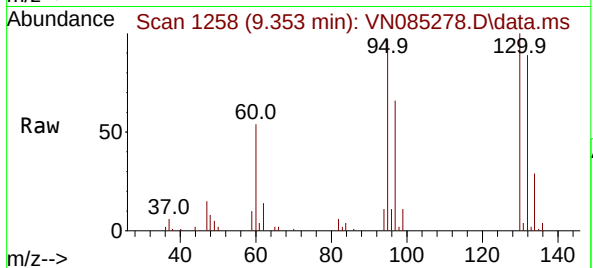
ClientSampleId :

Tgt Ion:130 Resp: 36391

Ion Ratio Lower Upper

130 100

95 97.3 80.0 120.0



#38

Methylcyclohexane

Concen: 17.524 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

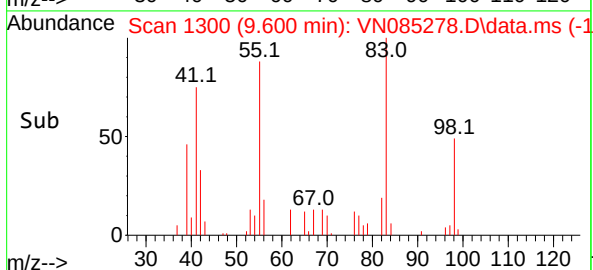
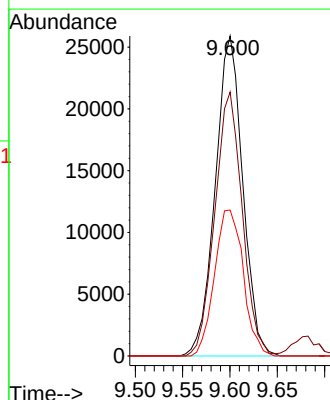
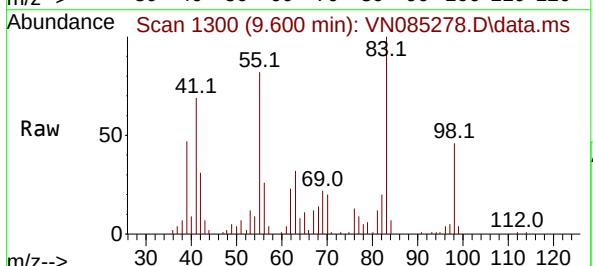
Tgt Ion: 83 Resp: 52332

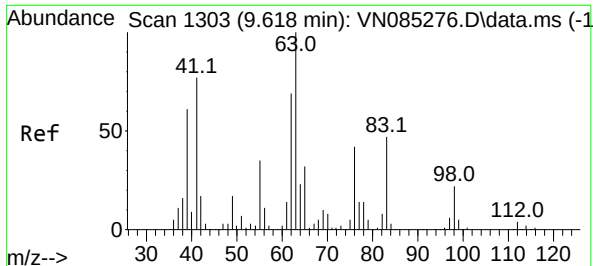
Ion Ratio Lower Upper

83 100

55 82.3 43.6 130.8

98 47.6 24.2 72.6





#39

1,2-Dichloropropane

Concen: 18.386 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

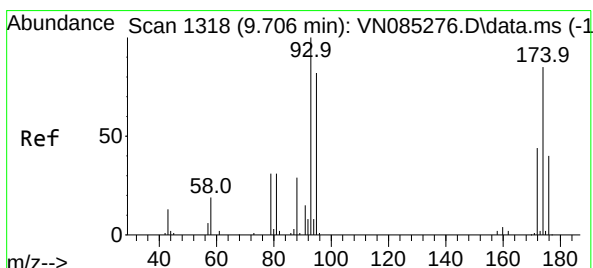
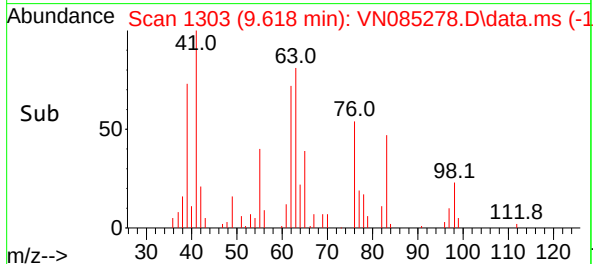
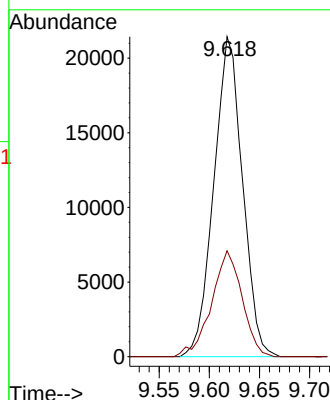
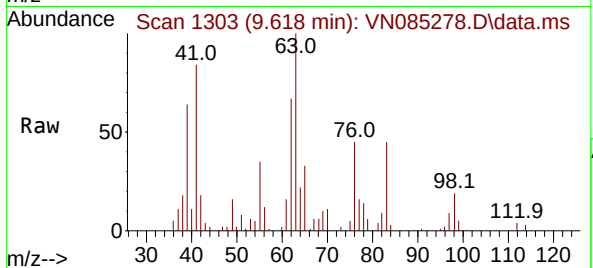
ClientSampleId :

Tgt Ion: 63 Resp: 42670

Ion Ratio Lower Upper

63 100

65 33.1 26.1 39.1



#40

Dibromomethane

Concen: 18.132 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

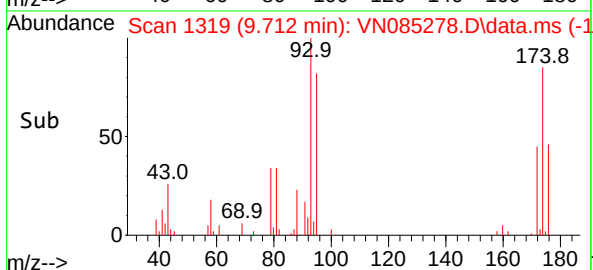
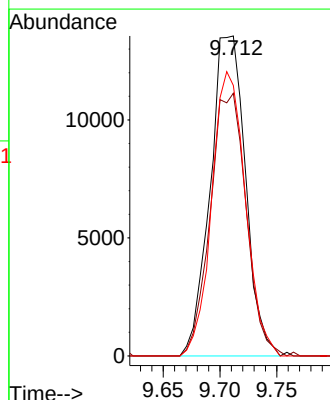
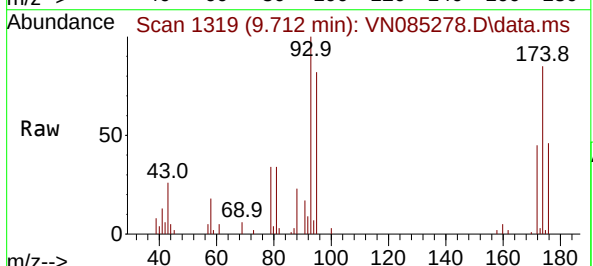
Tgt Ion: 93 Resp: 29338

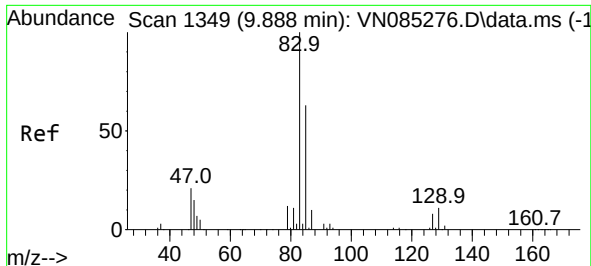
Ion Ratio Lower Upper

93 100

95 83.3 0.0 167.6

174 84.7 0.0 171.0

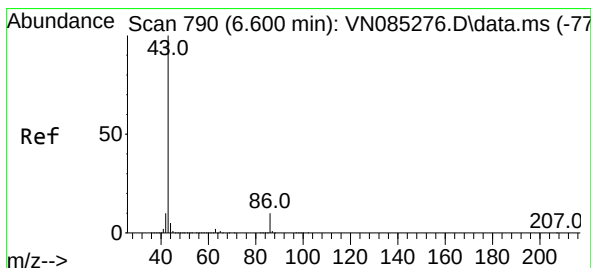
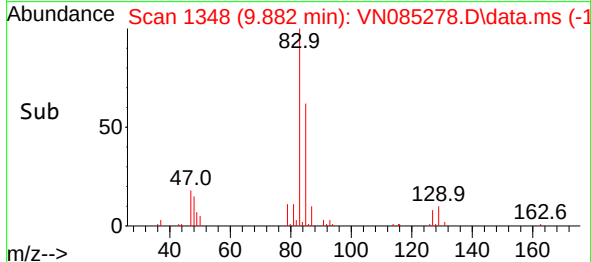
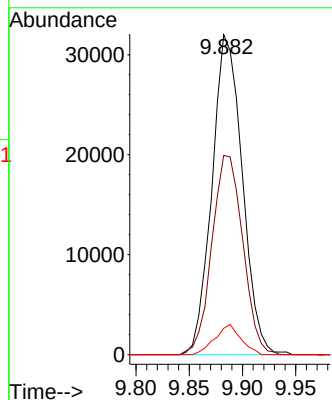
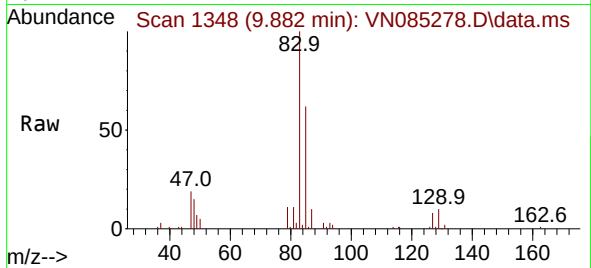




#41
Bromodichloromethane
Concen: 18.699 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

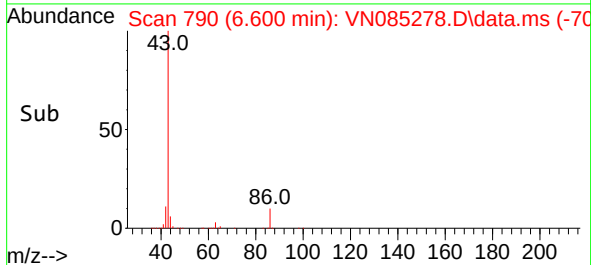
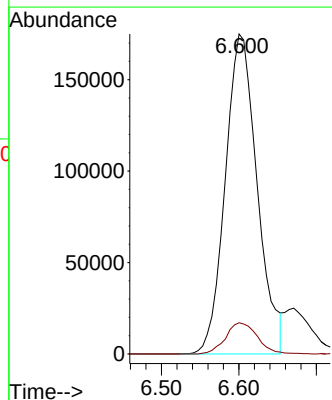
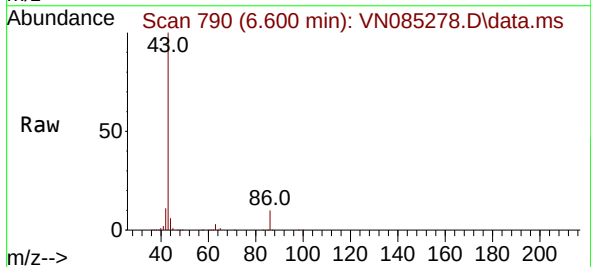
Instrument :
MSVOA_N
ClientSampleId :

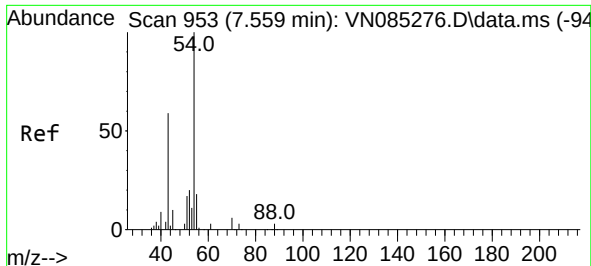
Tgt Ion: 83 Resp: 63230
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 8.2 5.8 8.6



#42
Vinyl Acetate
Concen: 93.215 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 43 Resp: 501206
Ion Ratio Lower Upper
43 100
86 9.7 7.9 11.9

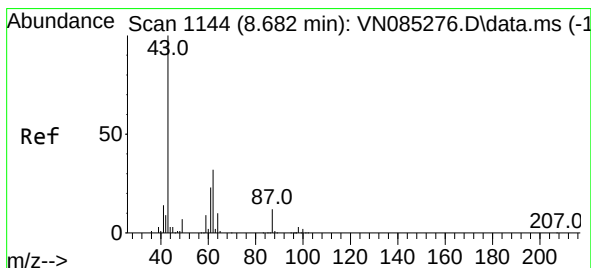
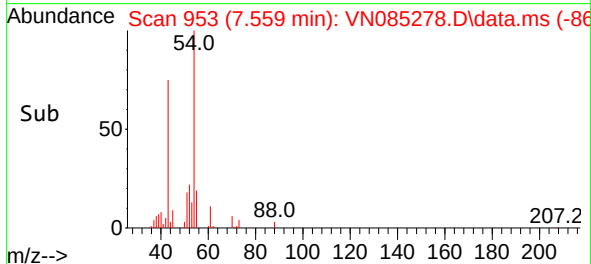
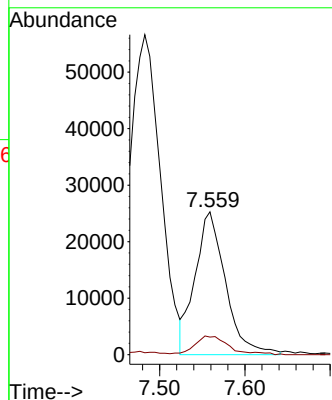
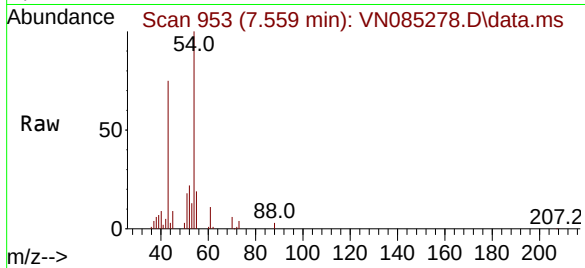




#43
Ethyl Acetate
Concen: 19.947 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

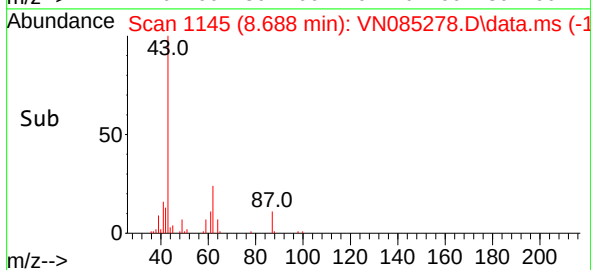
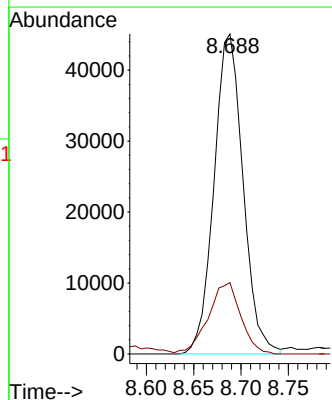
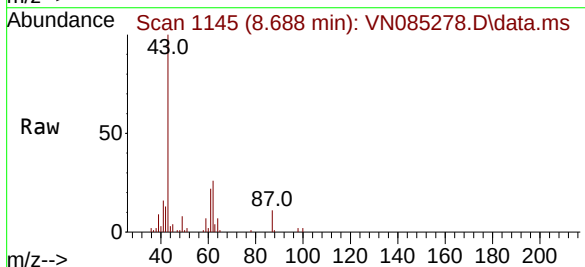
Instrument :
MSVOA_N
ClientSampleId :

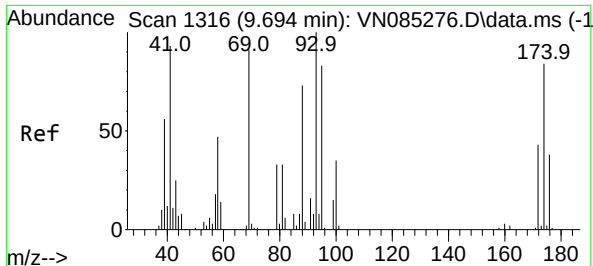
Tgt Ion: 43 Resp: 62834
Ion Ratio Lower Upper
43 100
45 12.1 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.379 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 43 Resp: 96175
Ion Ratio Lower Upper
43 100
61 25.0 19.7 29.5

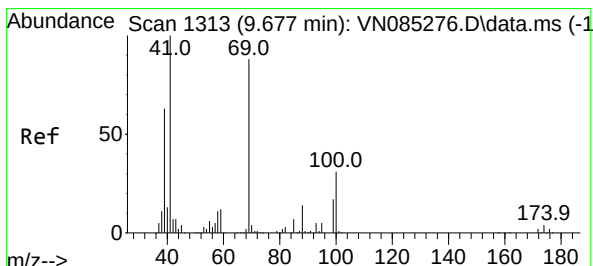
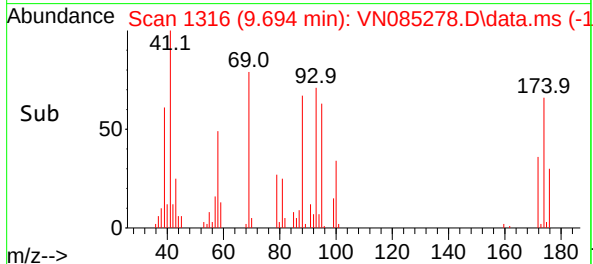
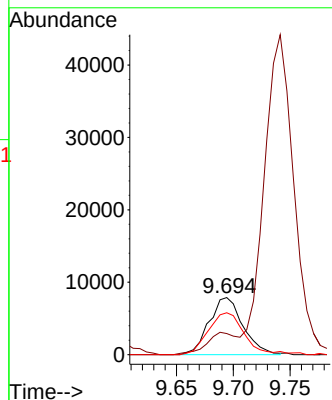
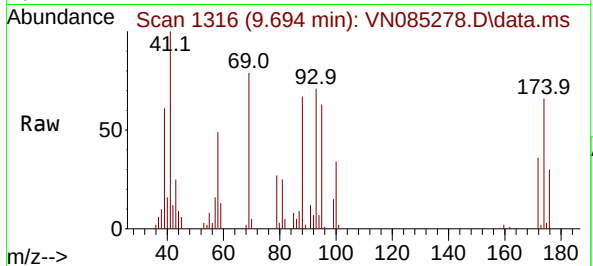




#45
1,4-Dioxane
Concen: 402.068 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

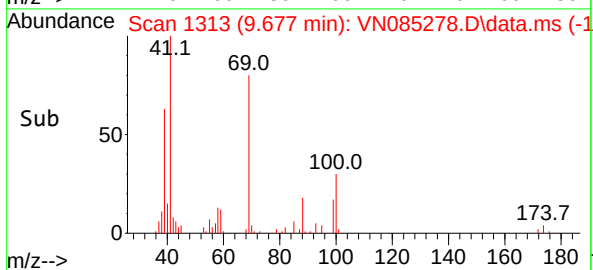
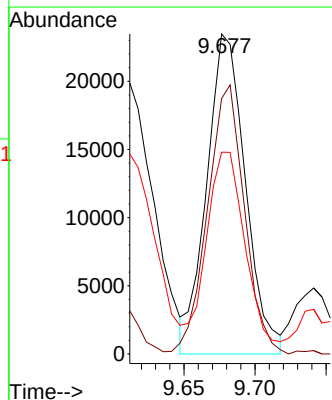
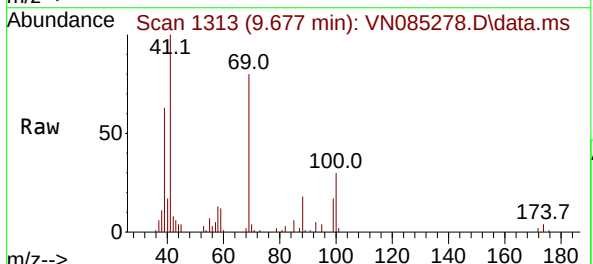
Instrument :
MSVOA_N
ClientSampleId :

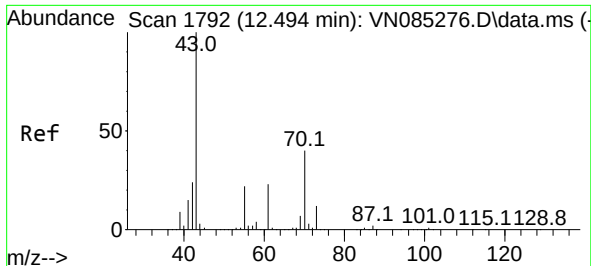
Tgt Ion: 88 Resp: 16365
Ion Ratio Lower Upper
88 100
43 36.0 25.4 38.2
58 76.2 58.5 87.7



#46
Methyl methacrylate
Concen: 18.309 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

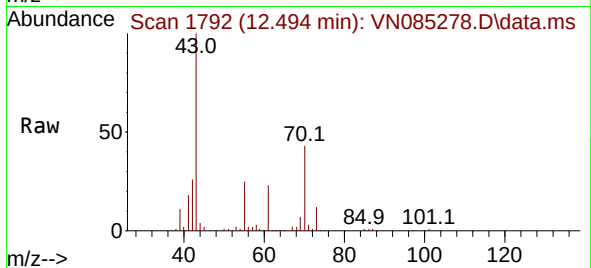
Tgt Ion: 41 Resp: 44473
Ion Ratio Lower Upper
41 100
69 83.4 39.9 119.6
39 62.8 31.6 95.0



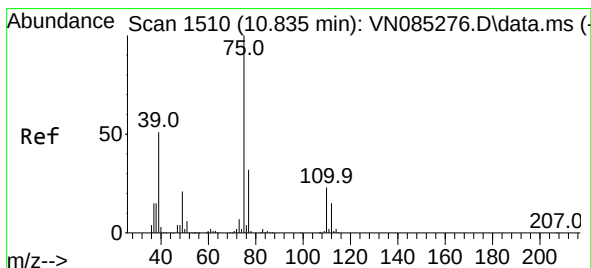
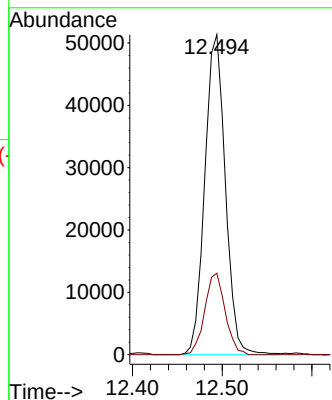
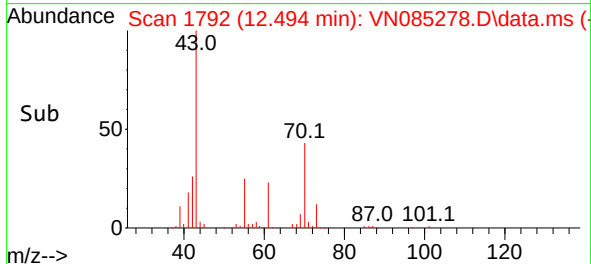


#47
n-amyl acetate
Concen: 18.310 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

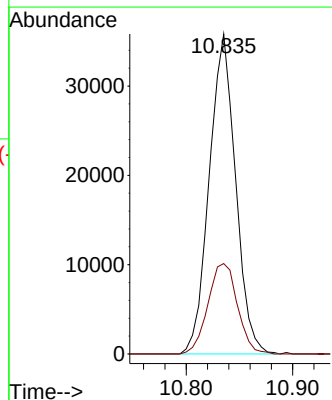
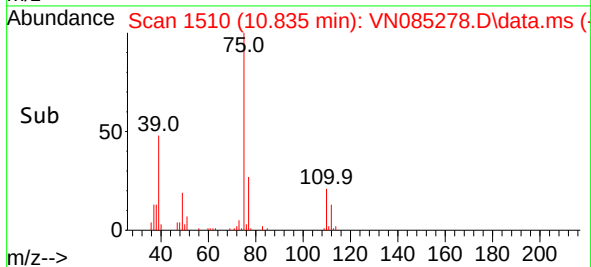
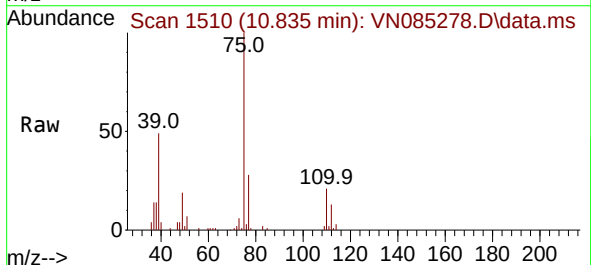


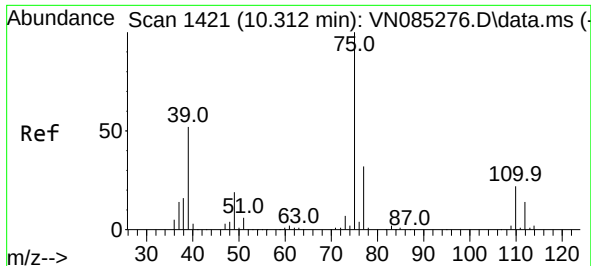
Tgt Ion: 43 Resp: 81622
Ion Ratio Lower Upper
43 100
55 25.3 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 18.431 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 75 Resp: 61560
Ion Ratio Lower Upper
75 100
77 28.2 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 18.467 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

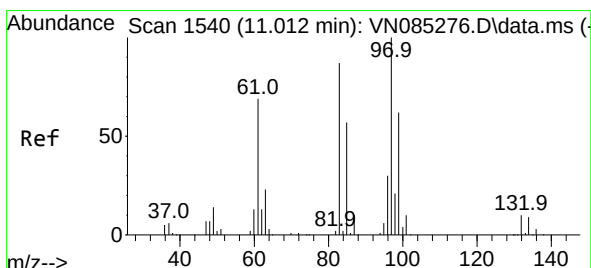
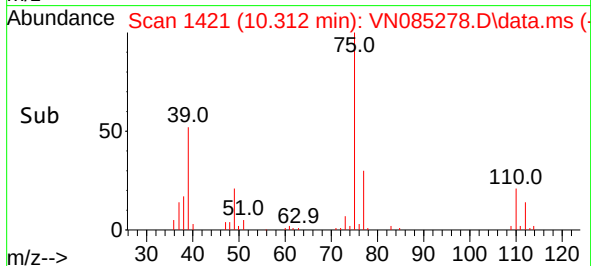
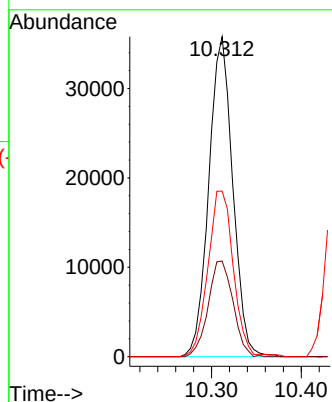
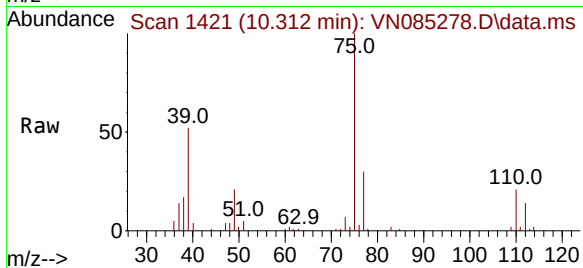
Tgt Ion: 75 Resp: 66312

Ion Ratio Lower Upper

75 100

77 29.9 26.6 40.0

39 51.8 41.9 62.9



#50

1,1,2-Trichloroethane

Concen: 18.375 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Tgt Ion: 97 Resp: 38883

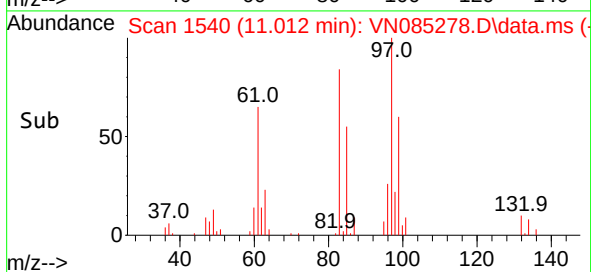
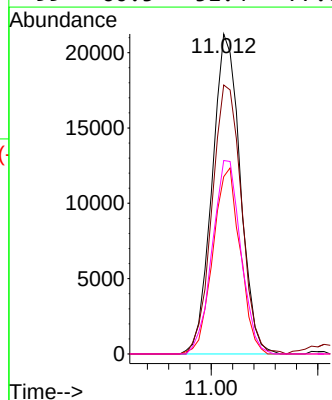
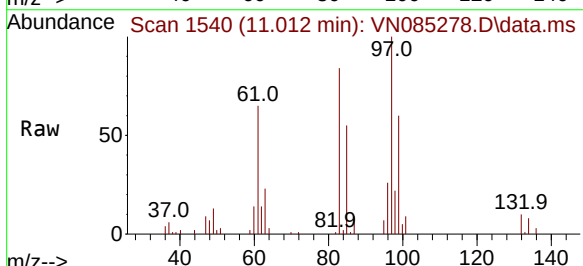
Ion Ratio Lower Upper

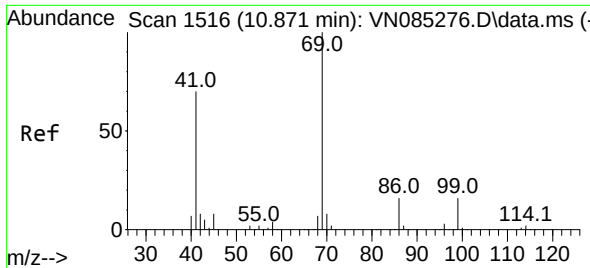
97 100

83 84.0 72.2 108.2

85 55.4 46.6 70.0

99 60.5 51.4 77.0

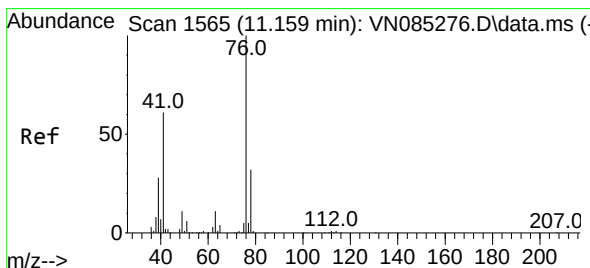
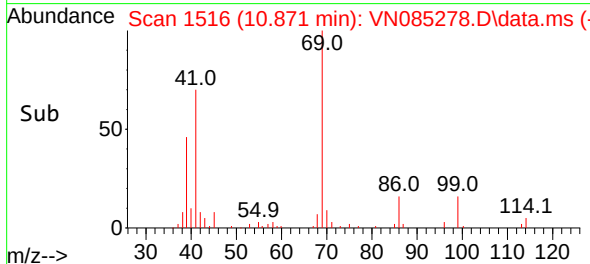
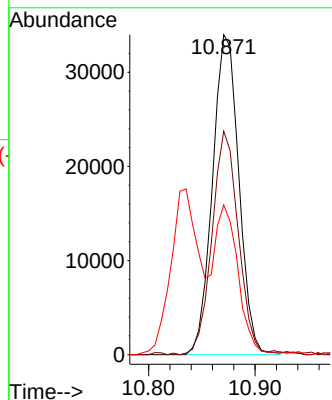
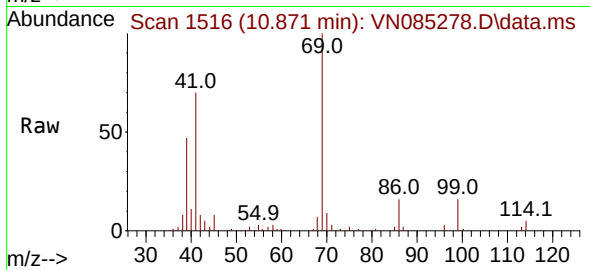




#51
Ethyl methacrylate
Concen: 18.244 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

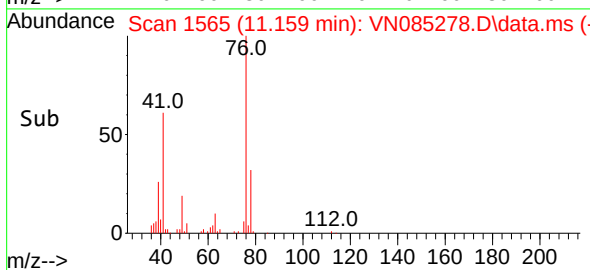
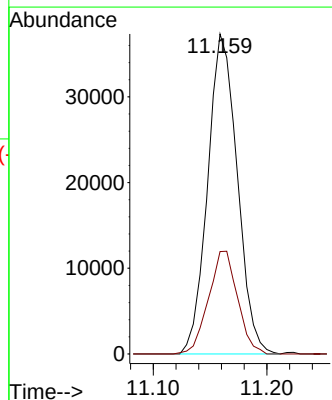
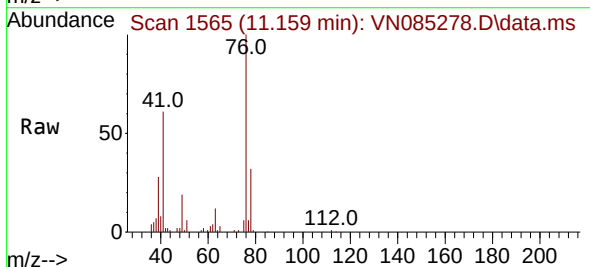
Instrument :
MSVOA_N
ClientSampleId :

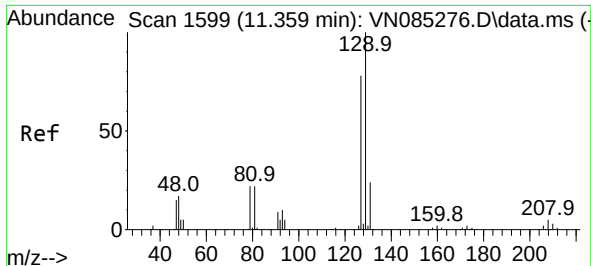
Tgt Ion: 69 Resp: 58393
Ion Ratio Lower Upper
69 100
41 69.8 38.1 114.5
39 45.9 24.1 72.2



#52
1,3-Dichloropropane
Concen: 18.285 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 76 Resp: 67544
Ion Ratio Lower Upper
76 100
78 31.6 0.0 66.2

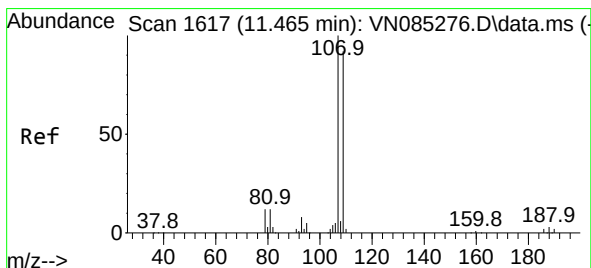
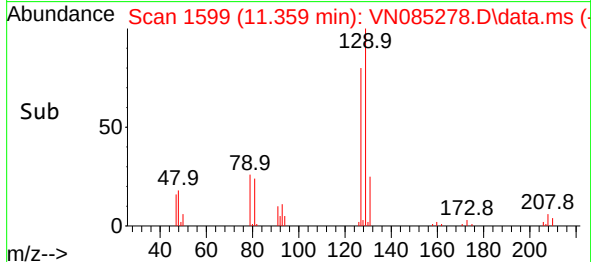
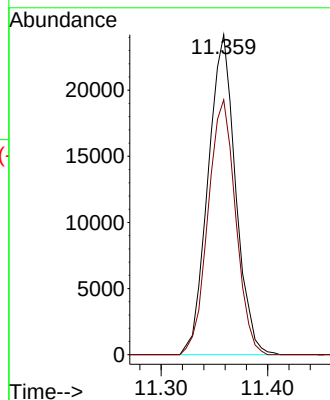
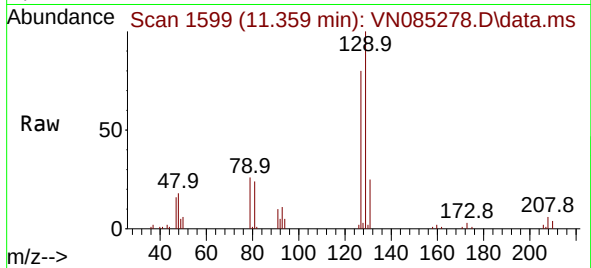




#53
Dibromochloromethane
Concen: 17.554 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

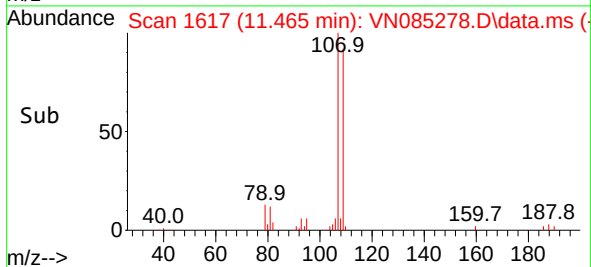
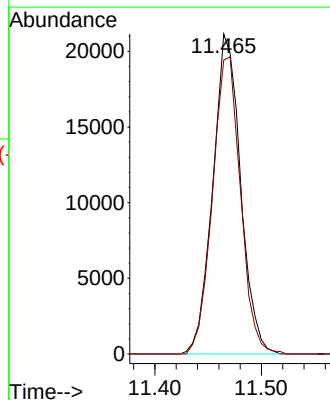
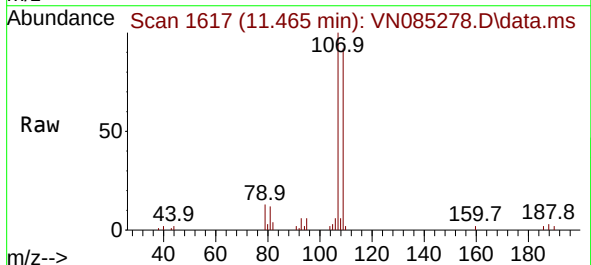
Instrument :
MSVOA_N
ClientSampleId :

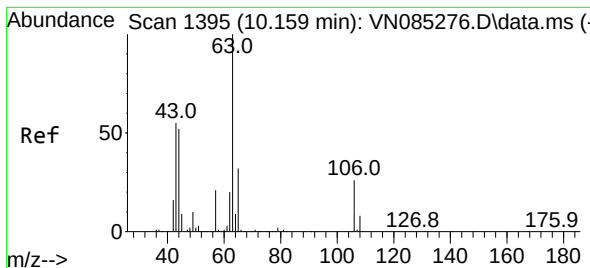
Tgt Ion:129 Resp: 43527
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.3



#54
1,2-Dibromoethane
Concen: 18.675 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion:107 Resp: 38245
Ion Ratio Lower Upper
107 100
109 93.6 76.2 114.4

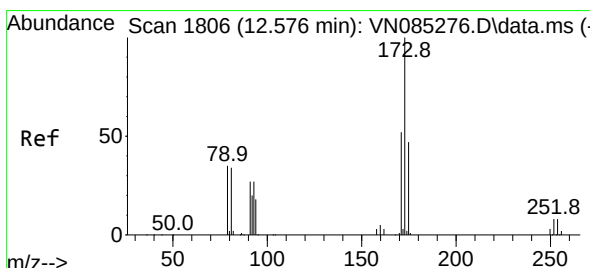
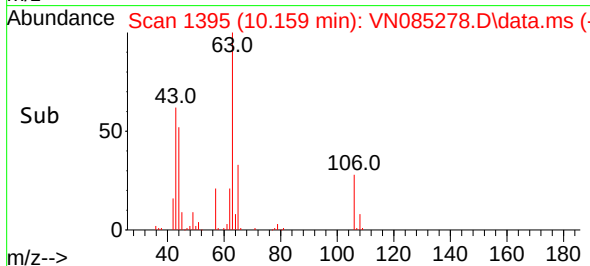
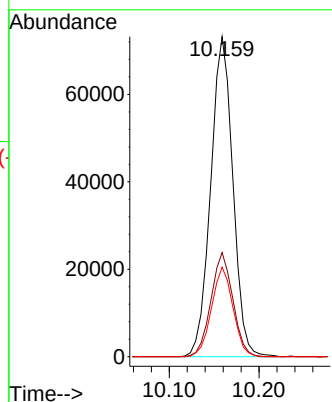
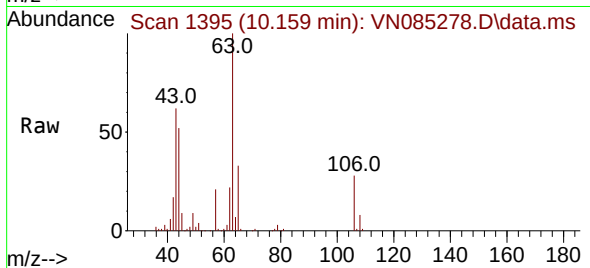




#55
2-Chloroethyl vinyl ether
Concen: 76.195 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

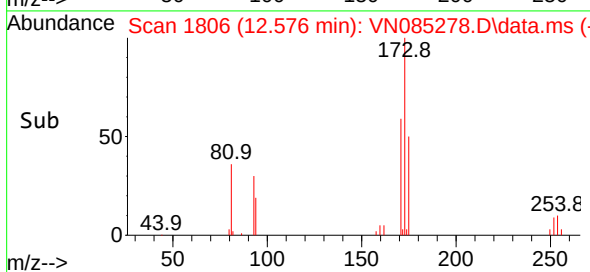
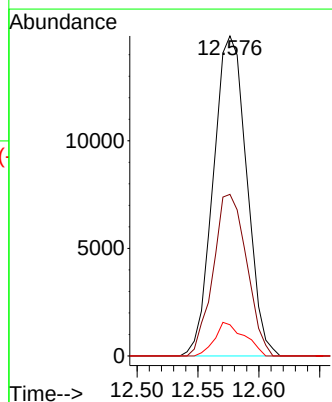
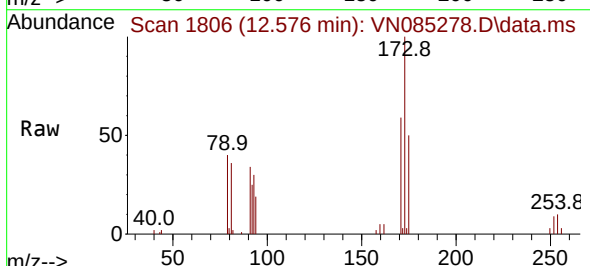
Instrument :
MSVOA_N
ClientSampleId :

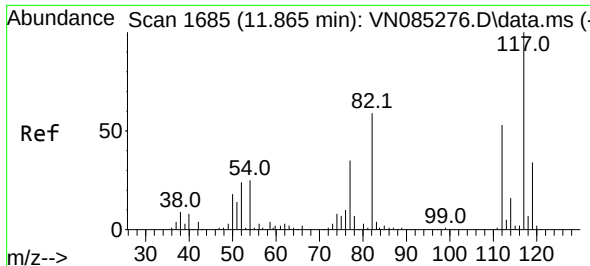
Tgt Ion: 63 Resp: 125619
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 27.1 21.2 31.8



#56
Bromoform
Concen: 17.510 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 173 Resp: 28323
Ion Ratio Lower Upper
173 100
175 50.7 39.4 59.2
254 9.4 7.2 10.8

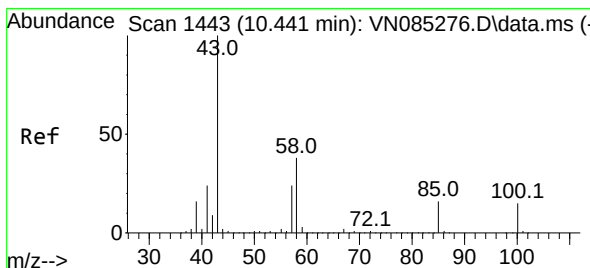
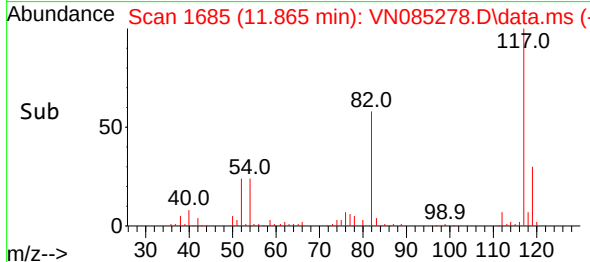
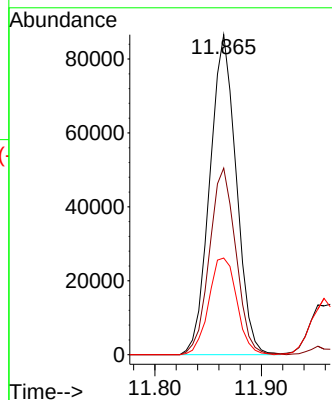
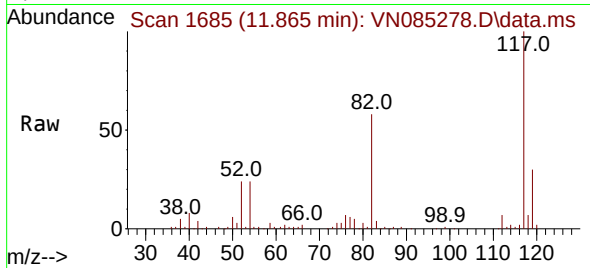




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

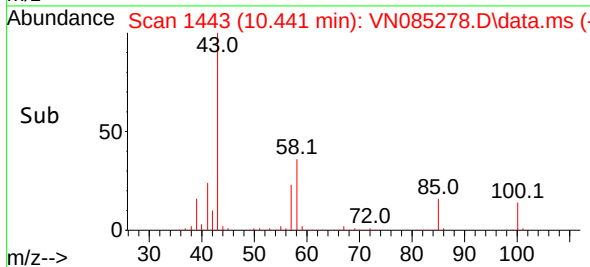
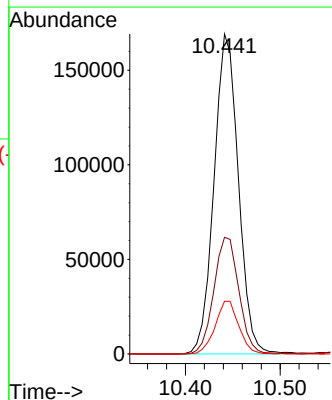
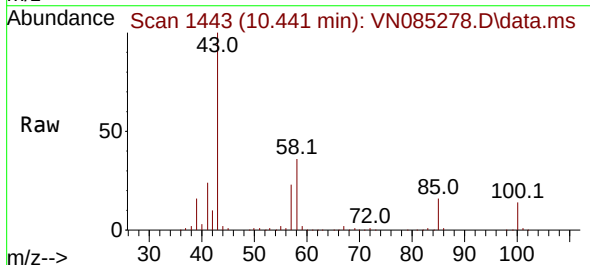
Instrument :
MSVOA_N
ClientSampleId :

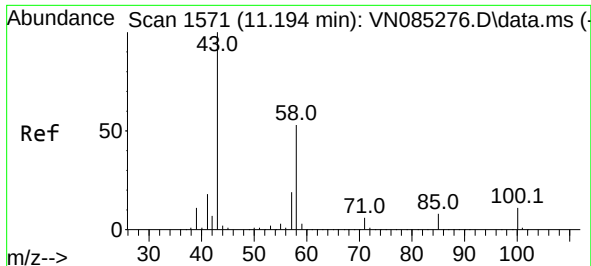
Tgt Ion:117 Resp: 149394
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.0
119 32.1 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 99.621 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 43 Resp: 301712
Ion Ratio Lower Upper
43 100
58 37.6 29.2 43.8
85 16.0 12.8 19.2

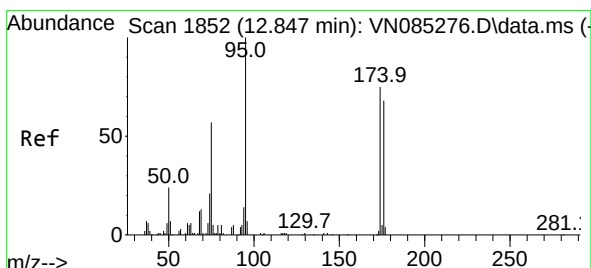
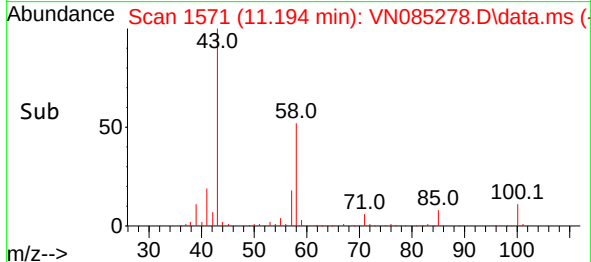
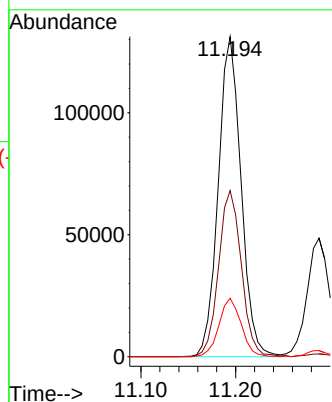
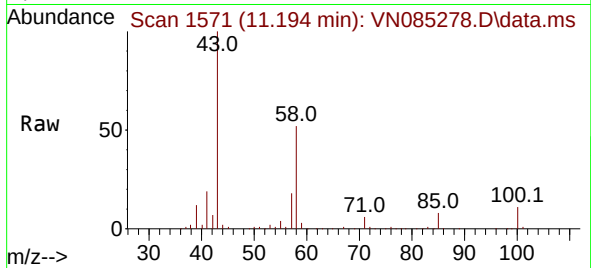




#59
2-Hexanone
Concen: 99.888 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

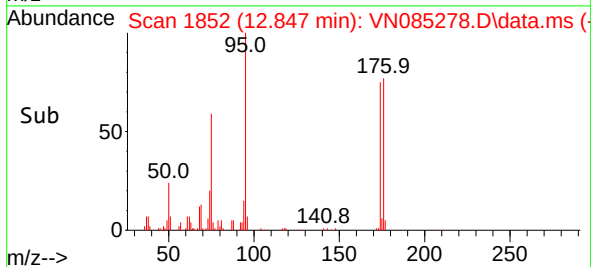
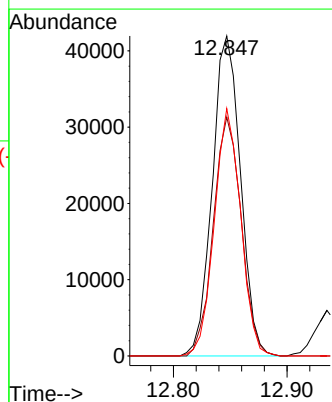
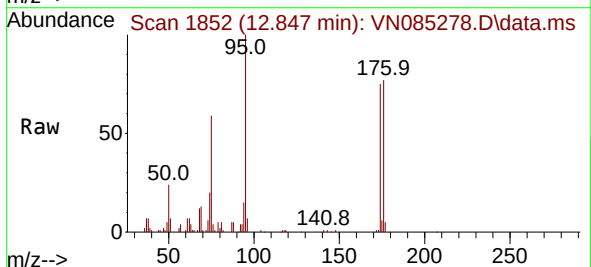
Instrument :
MSVOA_N
ClientSampleId :

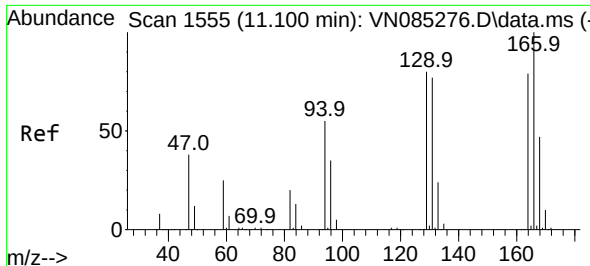
Tgt Ion: 43 Resp: 219768
Ion Ratio Lower Upper
43 100
58 51.9 40.2 60.4
57 17.8 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 29.945 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 95 Resp: 72466
Ion Ratio Lower Upper
95 100
174 73.8 57.8 86.8
176 72.3 57.1 85.7

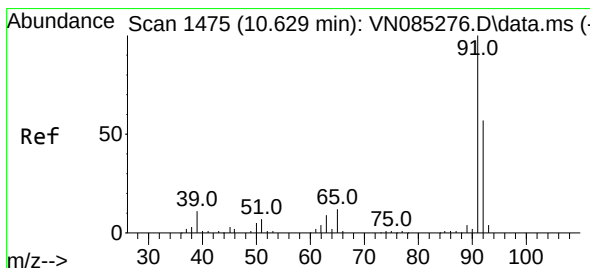
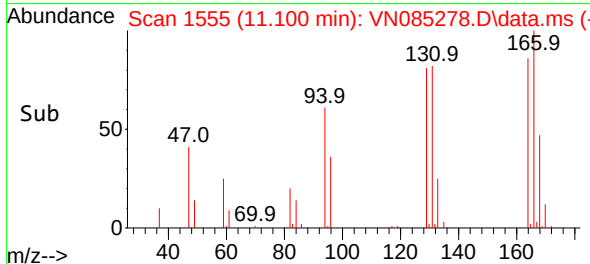
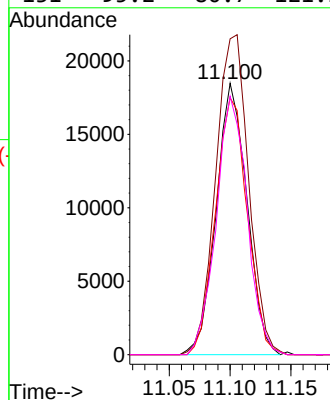
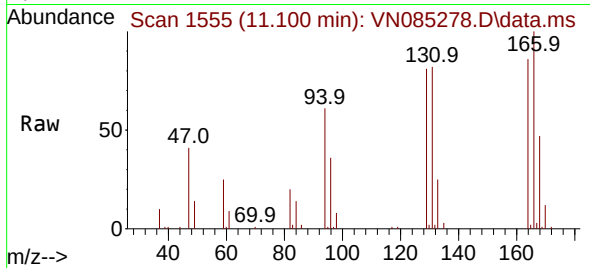




#61
Tetrachloroethene
Concen: 19.514 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

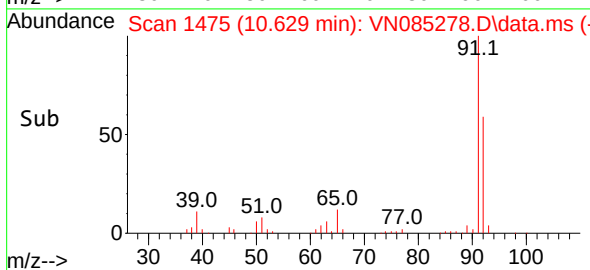
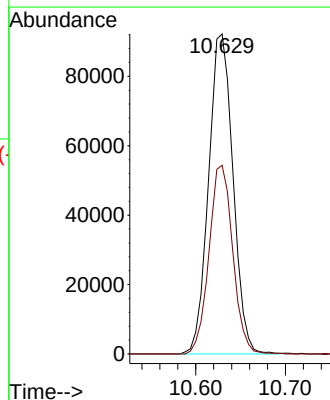
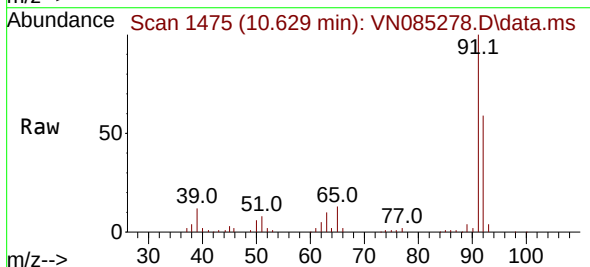
Instrument :
MSVOA_N
ClientSampleId :

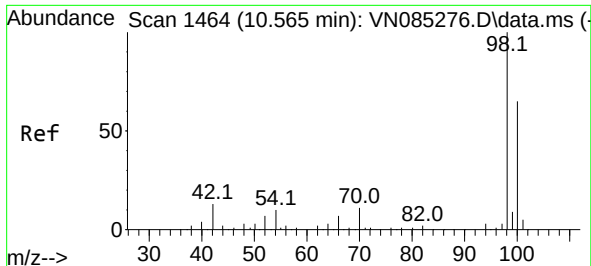
Tgt Ion:164 Resp: 32545
Ion Ratio Lower Upper
164 100
166 116.4 109.0 163.4
129 94.7 85.1 127.7
131 95.2 80.7 121.1



#62
Toluene
Concen: 18.991 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 91 Resp: 174303
Ion Ratio Lower Upper
91 100
92 57.3 45.9 68.9

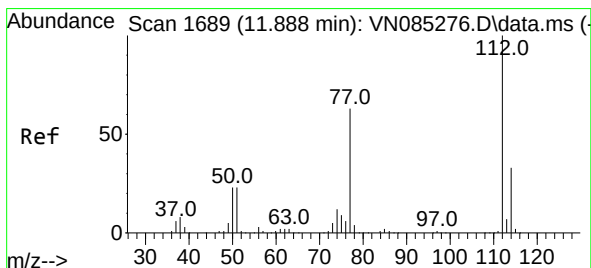
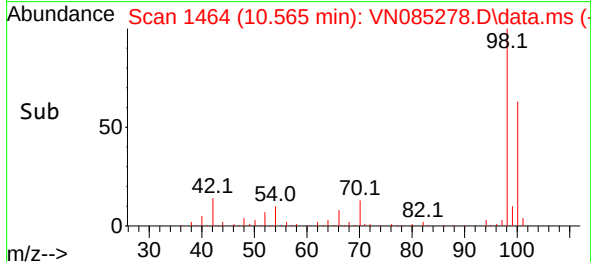
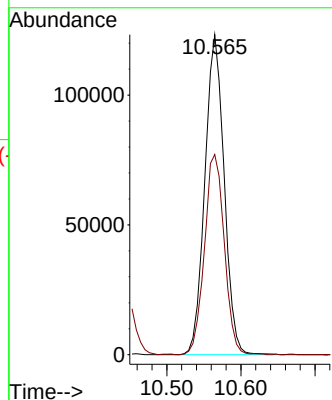
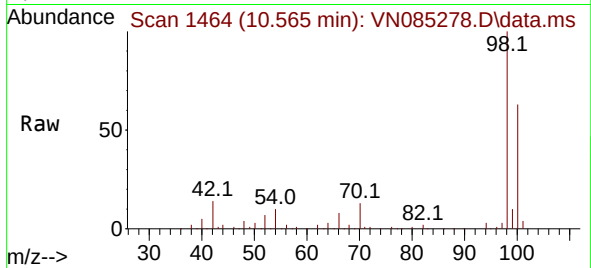




#63
Toluene-d8
Concen: 30.599 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

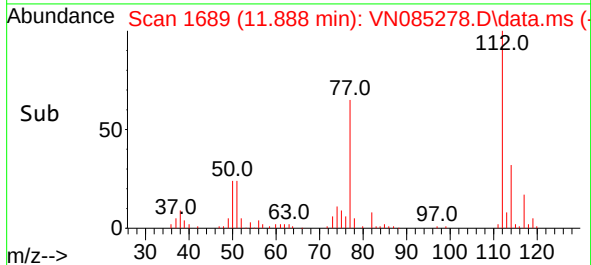
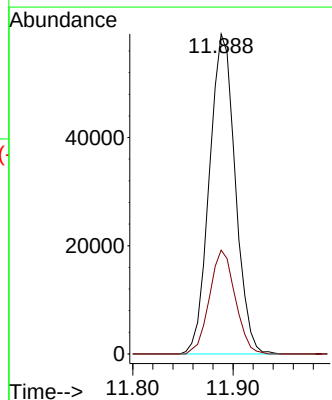
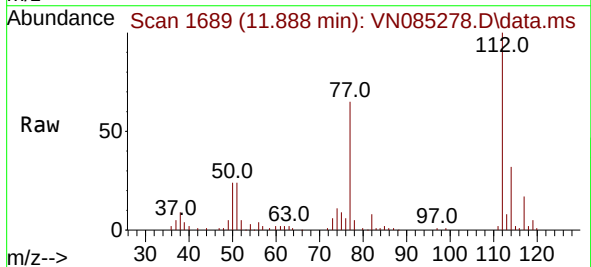
Instrument :
MSVOA_N
ClientSampleId :

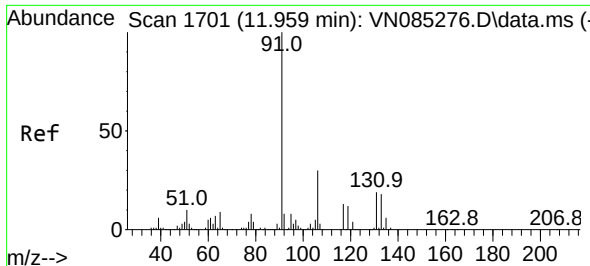
Tgt Ion: 98 Resp: 223219
Ion Ratio Lower Upper
98 100
100 64.2 50.8 76.2



#64
Chlorobenzene
Concen: 19.116 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 112 Resp: 105816
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6

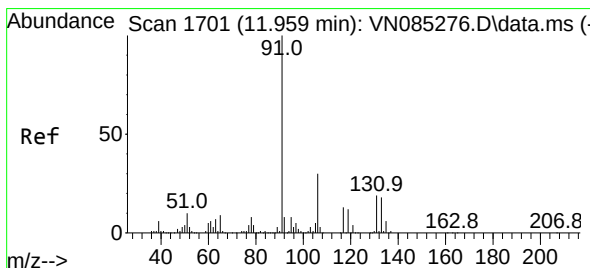
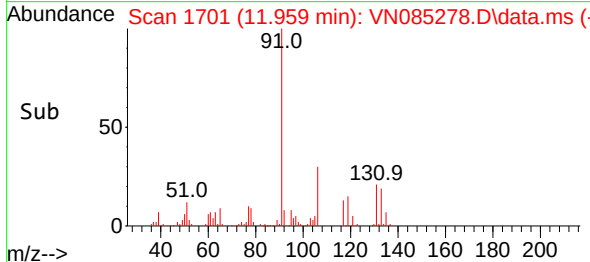
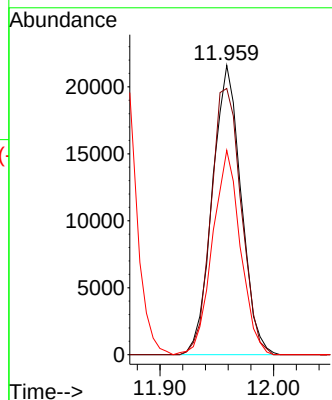
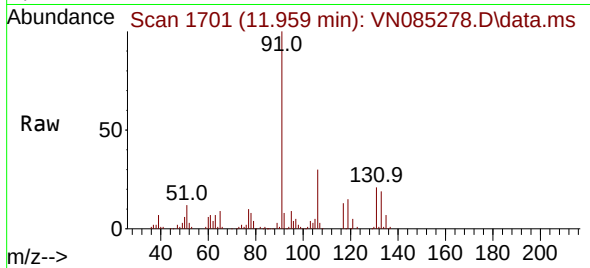




#65
1,1,1,2-Tetrachloroethane
Concen: 18.965 ug/l
RT: 11.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

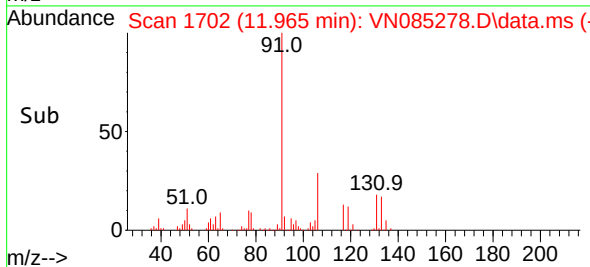
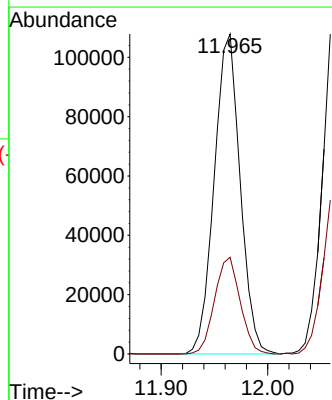
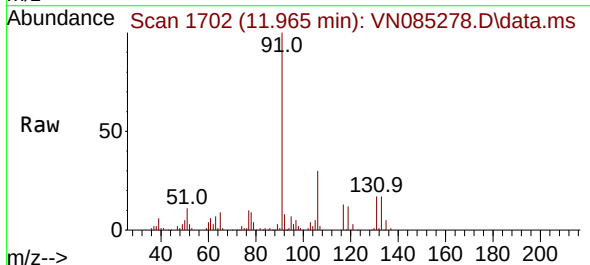
Instrument :
MSVOA_N
ClientSampleId :

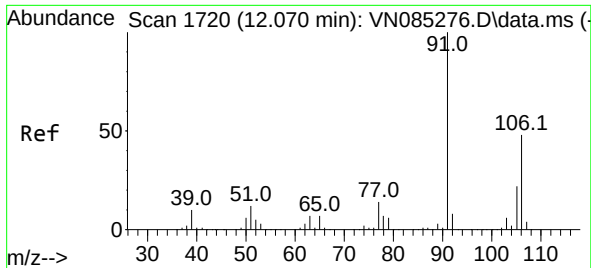
Tgt Ion:131 Resp: 38072
Ion Ratio Lower Upper
131 100
133 96.7 0.0 189.4
119 68.4 0.0 135.0



#66
Ethyl Benzene
Concen: 18.869 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 91 Resp: 182223
Ion Ratio Lower Upper
91 100
106 30.2 23.2 34.8

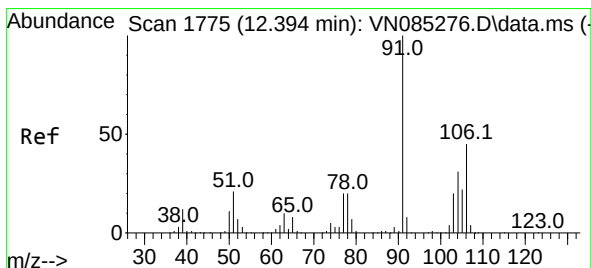
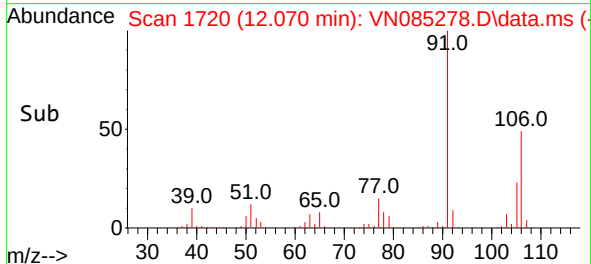
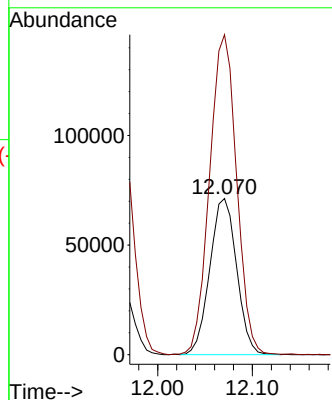
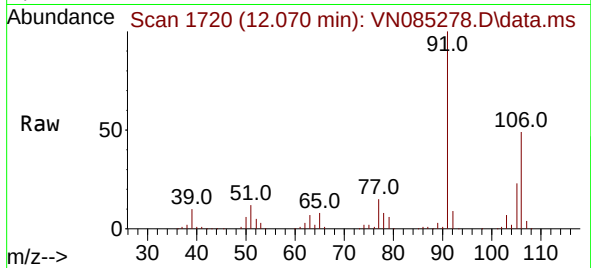




#67
m/p-Xylenes
Concen: 38.748 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

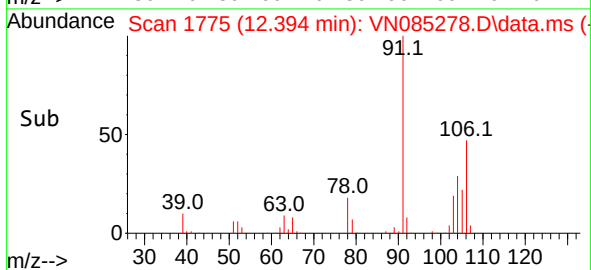
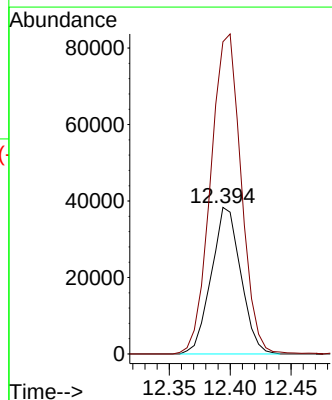
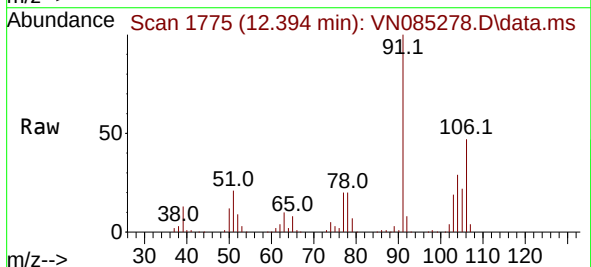
Instrument :
MSVOA_N
ClientSampleId :

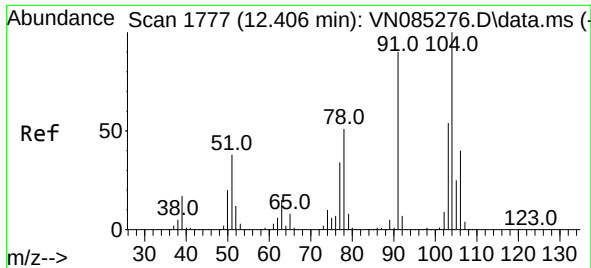
Tgt Ion:106 Resp: 140385
Ion Ratio Lower Upper
106 100
91 206.5 167.0 250.4



#68
o-Xylene
Concen: 18.765 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion:106 Resp: 64760
Ion Ratio Lower Upper
106 100
91 225.5 110.6 331.8

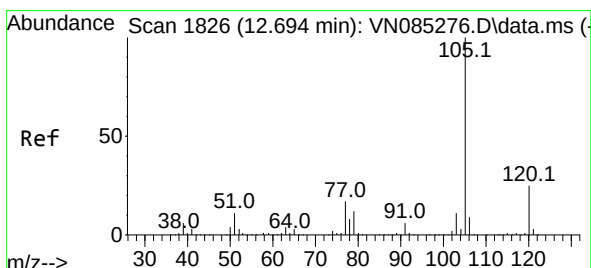
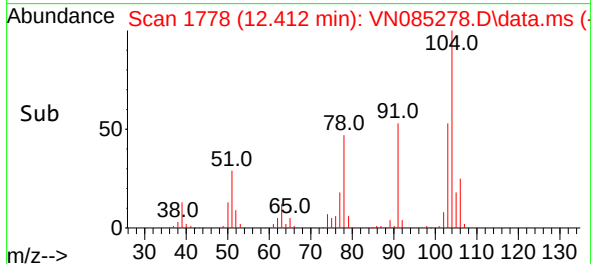
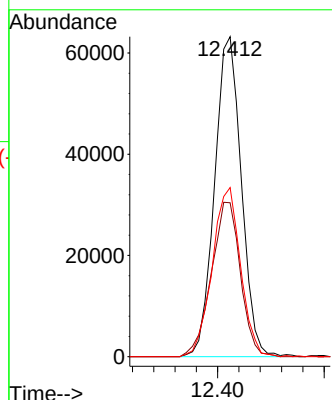
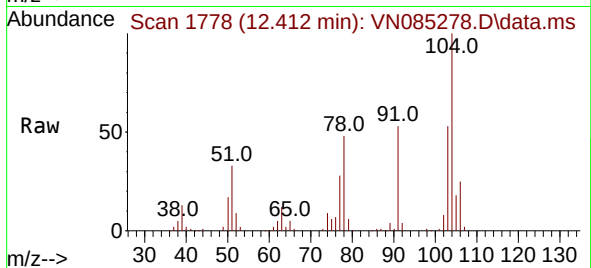




#69
Styrene
Concen: 18.869 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

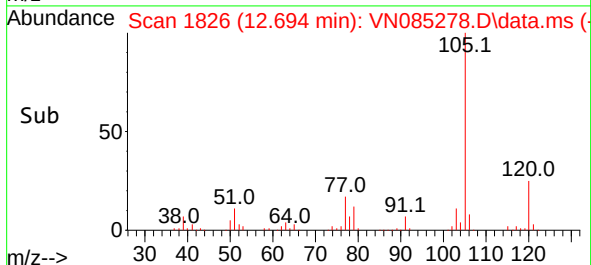
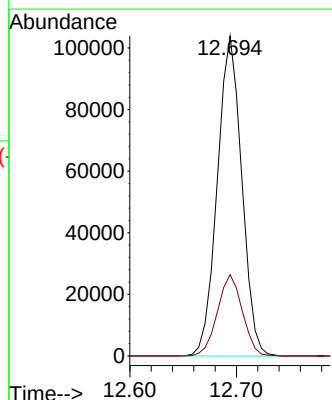
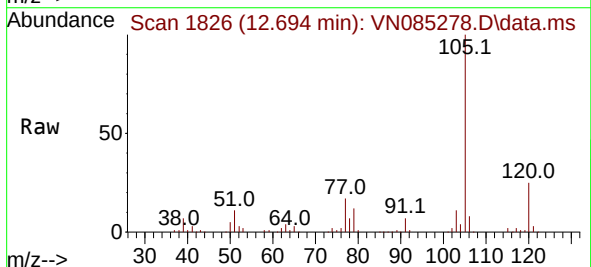
Instrument :
MSVOA_N
ClientSampleId :

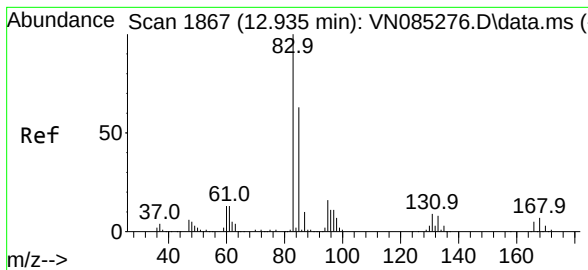
Tgt Ion:104 Resp: 110048
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 55.8 44.8 67.2



#70
Isopropylbenzene
Concen: 19.090 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion:105 Resp: 165430
Ion Ratio Lower Upper
105 100
120 25.8 18.4 34.2

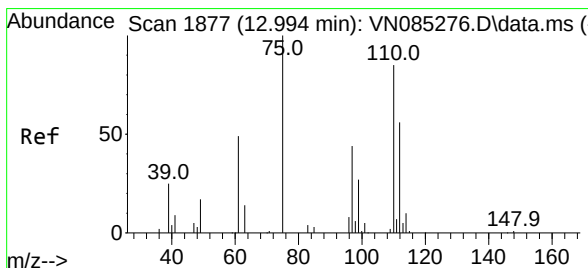
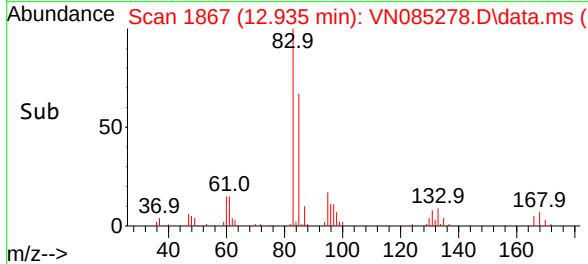
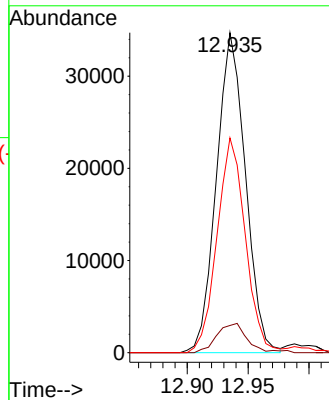
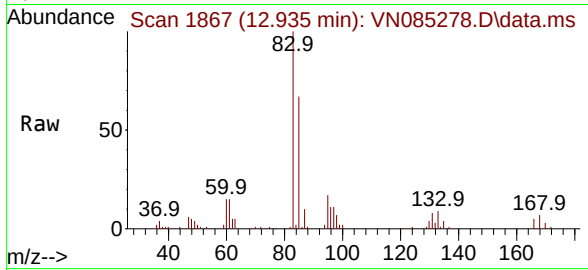




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.731 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085278.D
 Acq: 20 Dec 2024 12:32

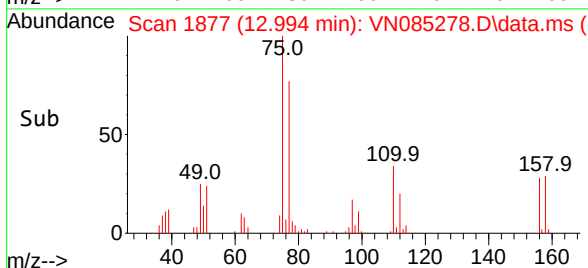
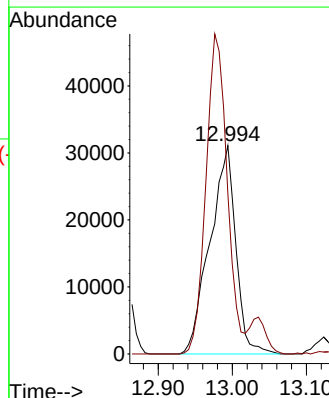
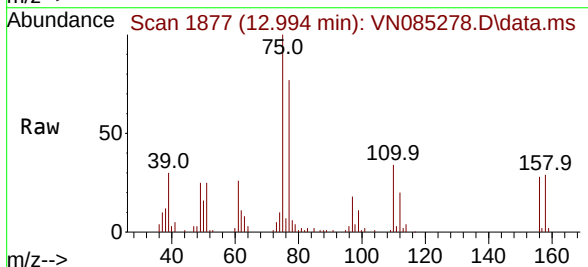
Instrument :
 MSVOA_N
 ClientSampleId :

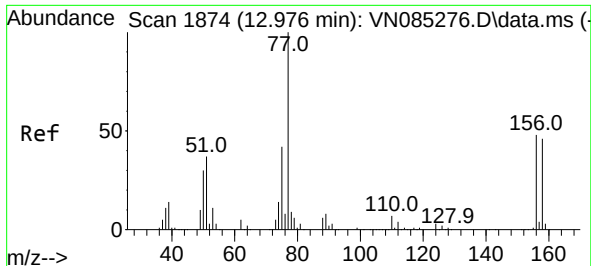
Tgt Ion: 83 Resp: 57570
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 15.0
 85 65.4 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 28.858 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN085278.D
 Acq: 20 Dec 2024 12:32

Tgt Ion: 75 Resp: 75488
 Ion Ratio Lower Upper
 75 100
 77 126.2 0.0 407.2

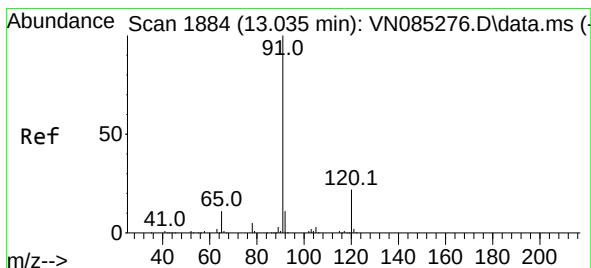
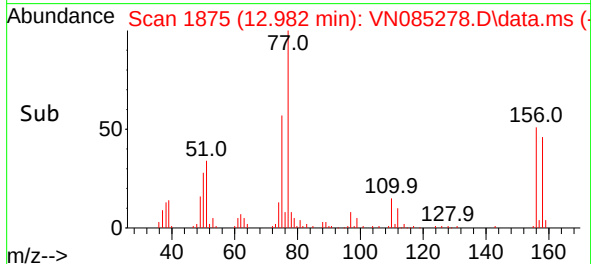
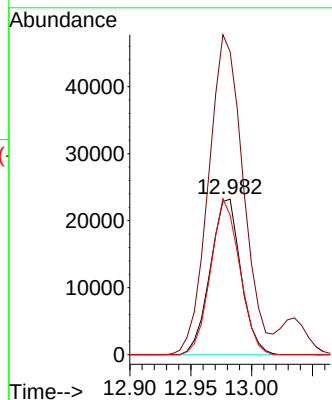
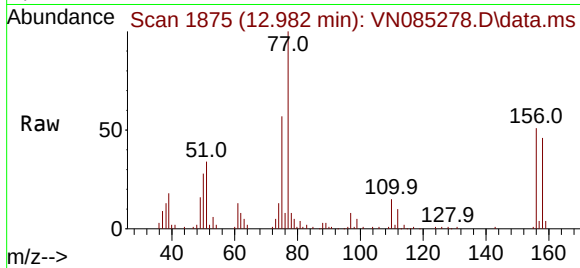




#73
Bromobenzene
Concen: 18.921 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

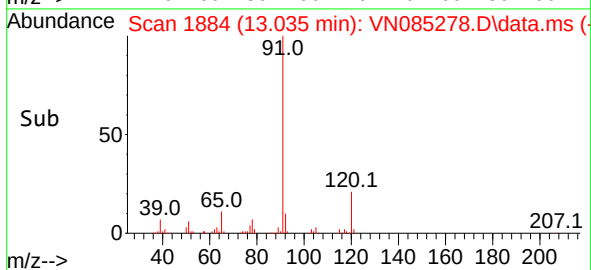
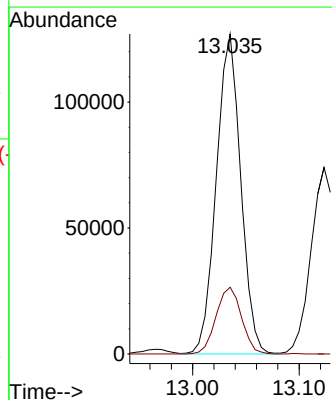
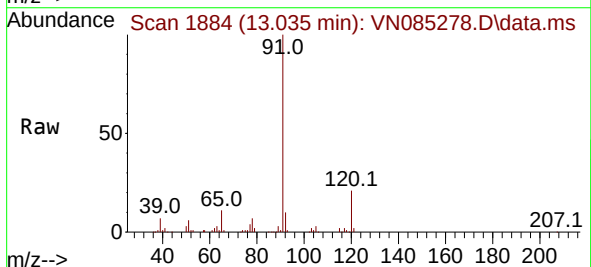
Instrument :
MSVOA_N
ClientSampleId :

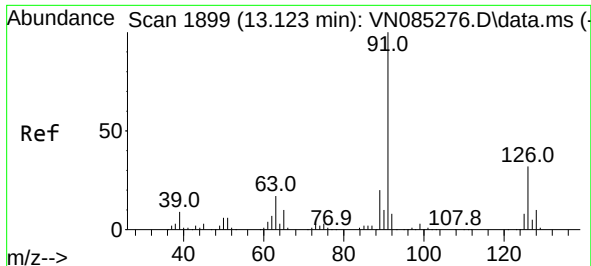
Tgt Ion:156 Resp: 40507
Ion Ratio Lower Upper
156 100
77 235.2 0.0 462.6
158 95.4 0.0 186.4



#74
n-propylbenzene
Concen: 18.722 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 91 Resp: 202117
Ion Ratio Lower Upper
91 100
120 21.6 0.0 41.4

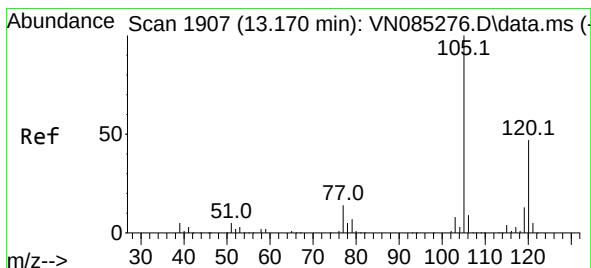
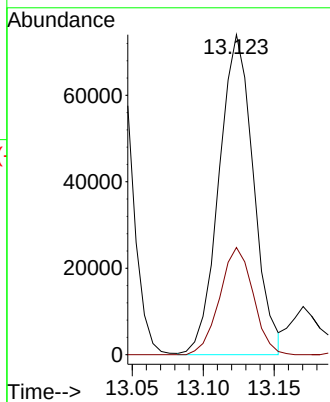
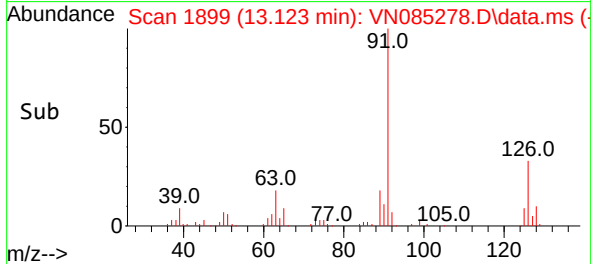
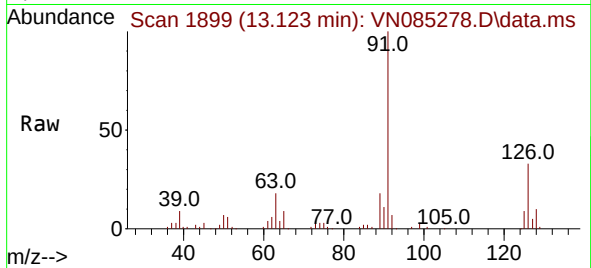




#75
2-Chlorotoluene
Concen: 19.231 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

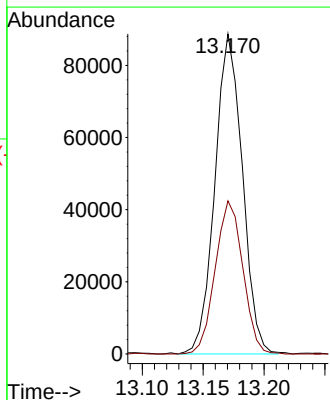
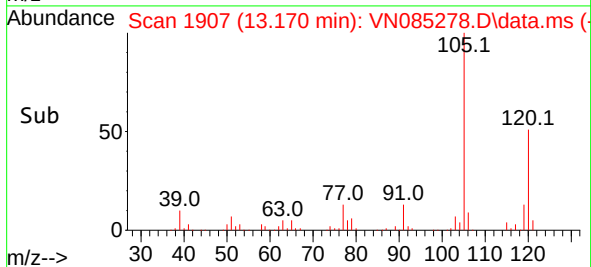
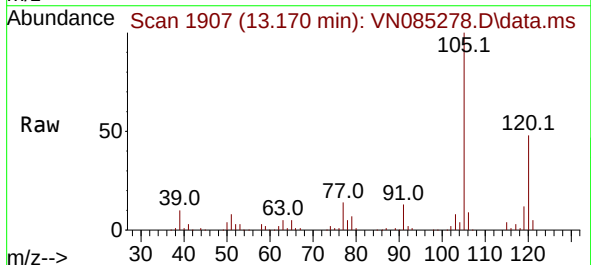
Instrument :
MSVOA_N
ClientSampleId :

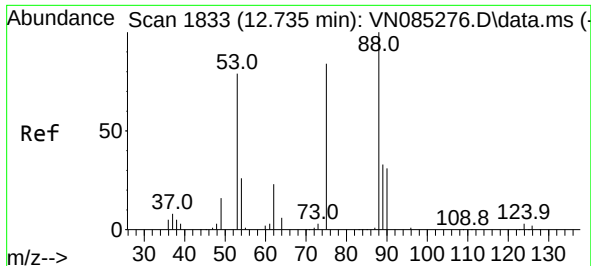
Tgt Ion: 91 Resp: 125070
Ion Ratio Lower Upper
91 100
126 32.4 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 18.821 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion:105 Resp: 139164
Ion Ratio Lower Upper
105 100
120 48.1 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.029 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN085278.D

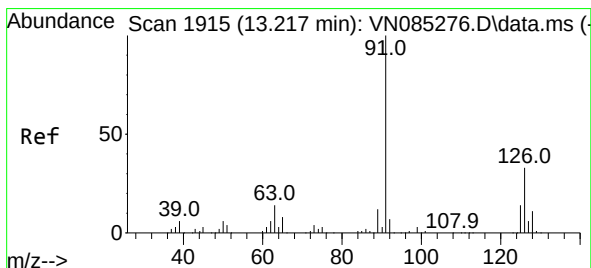
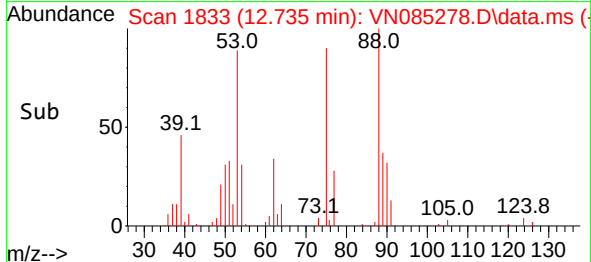
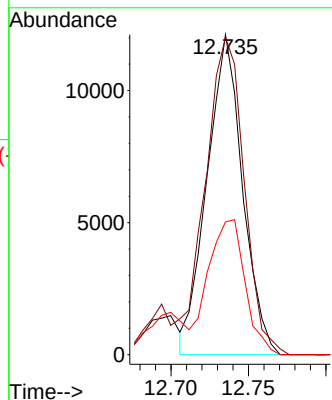
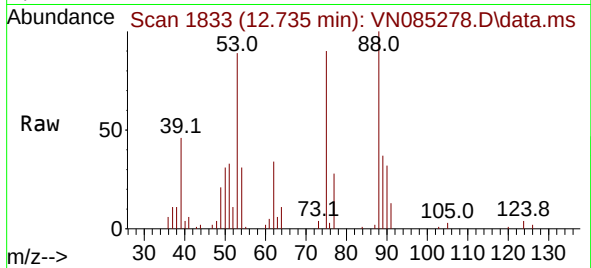
Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 19274
Ion Ratio	Lower Upper
75	100
53	97.3 54.9 164.5
89	41.5 22.8 68.3



#78

4-Chlorotoluene

Concen: 18.865 ug/l

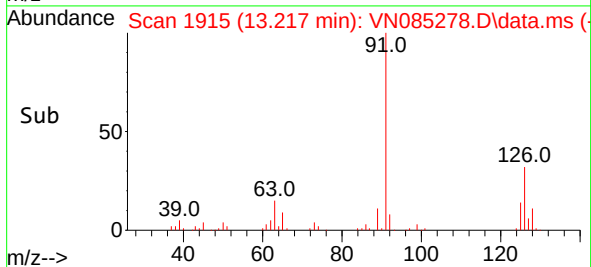
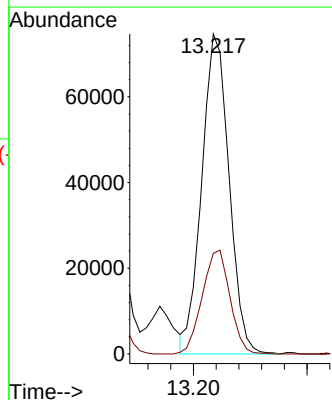
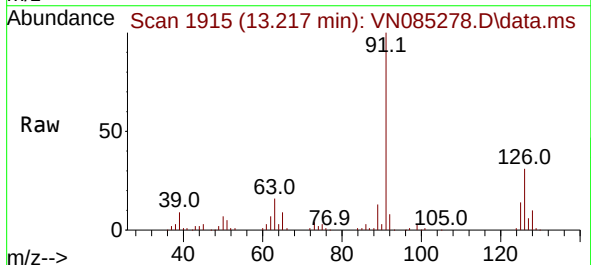
RT: 13.217 min Scan# 1915

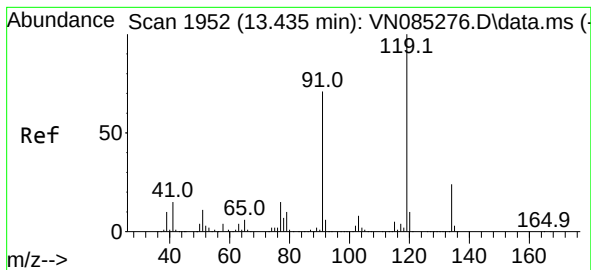
Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Tgt Ion: 91	Resp: 124745
Ion Ratio	Lower Upper
91	100
126	32.9 0.0 63.6

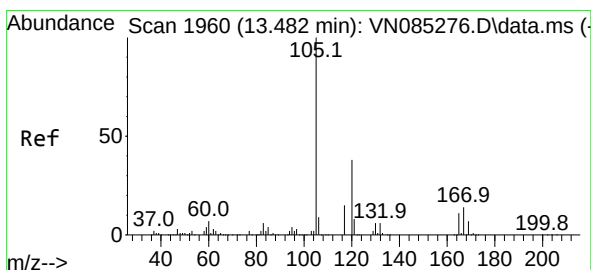
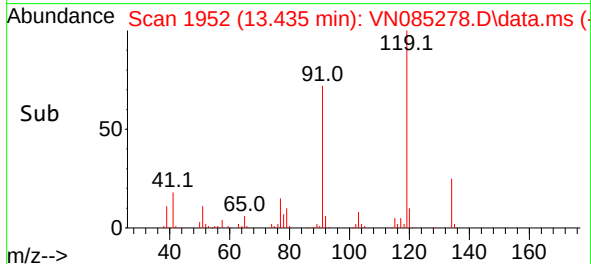
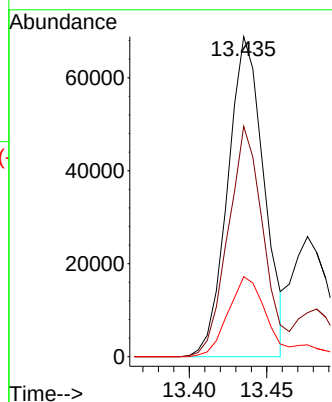
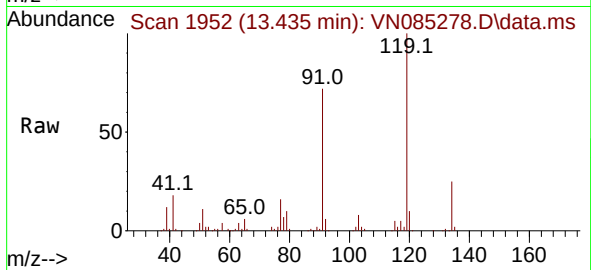




#79
tert-butylbenzene
Concen: 18.512 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

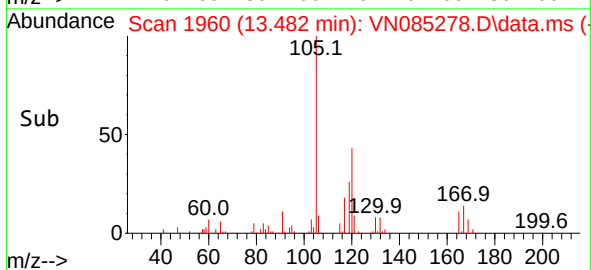
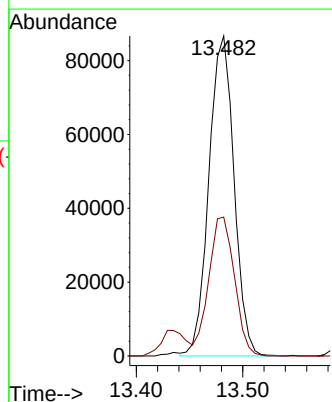
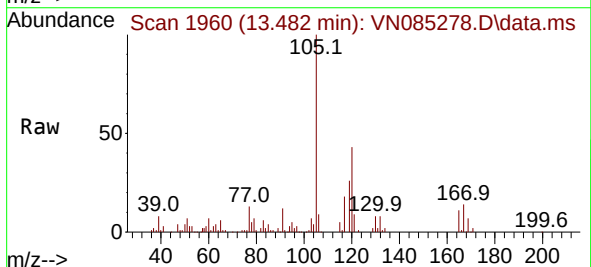
Instrument :
MSVOA_N
ClientSampleId :

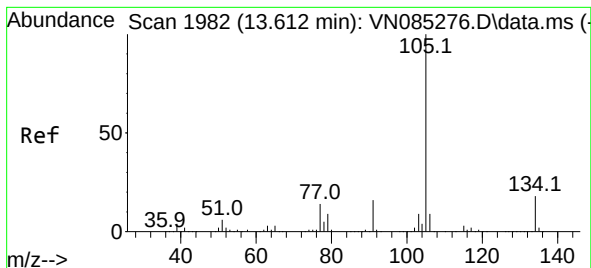
Tgt Ion:119 Resp: 111942
Ion Ratio Lower Upper
119 100
91 70.5 0.0 142.0
134 25.8 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 19.279 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion:105 Resp: 141891
Ion Ratio Lower Upper
105 100
120 44.3 0.0 89.8





#81

sec-Butylbenzene

Concen: 18.712 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

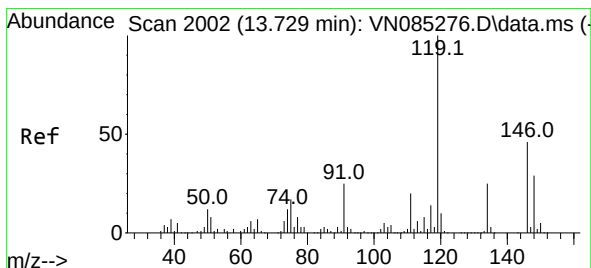
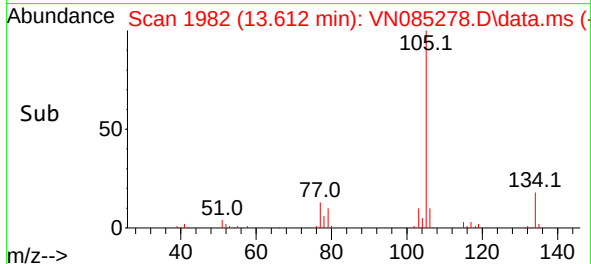
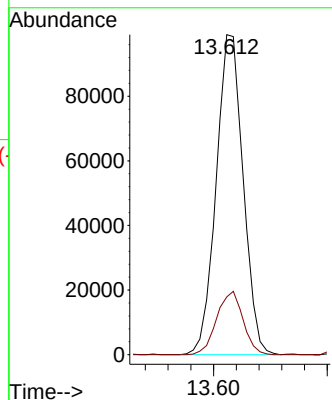
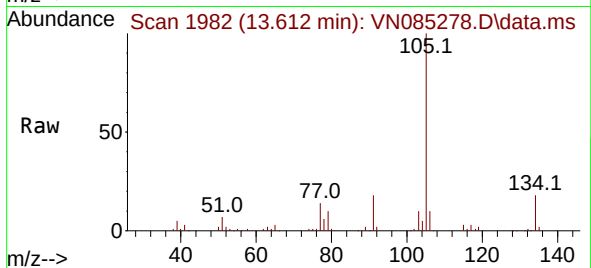
ClientSampleId :

Tgt Ion:105 Resp: 163364

Ion Ratio Lower Upper

105 100

134 19.3 0.0 39.8



#82

p-Isopropyltoluene

Concen: 18.698 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

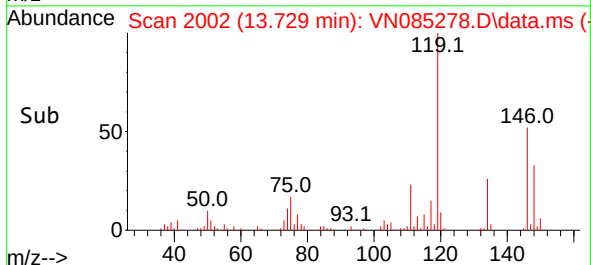
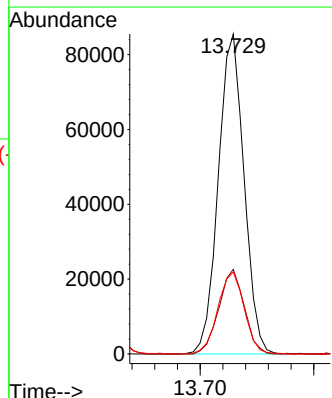
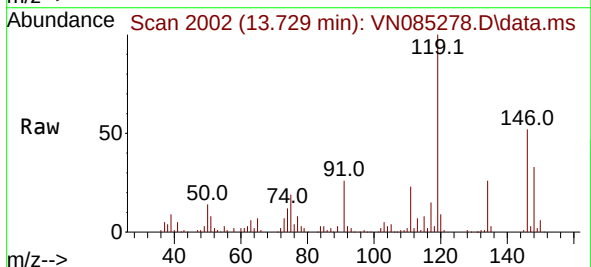
Tgt Ion:119 Resp: 134436

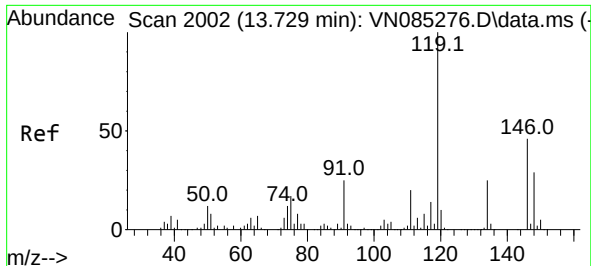
Ion Ratio Lower Upper

119 100

134 26.1 0.0 51.4

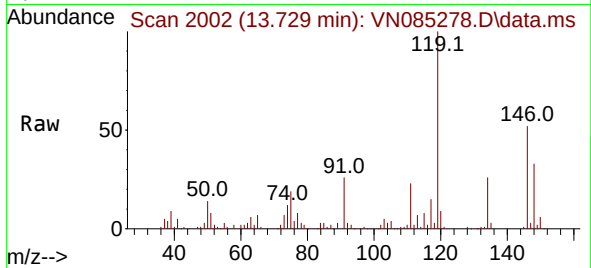
91 26.2 0.0 51.4



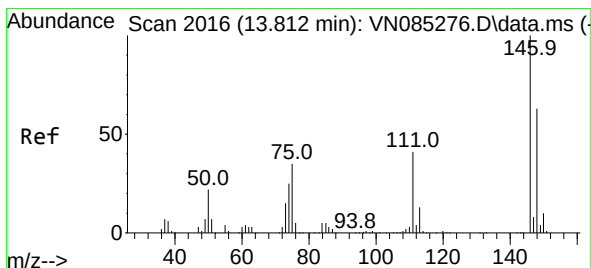
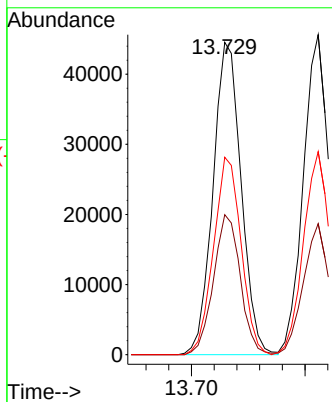
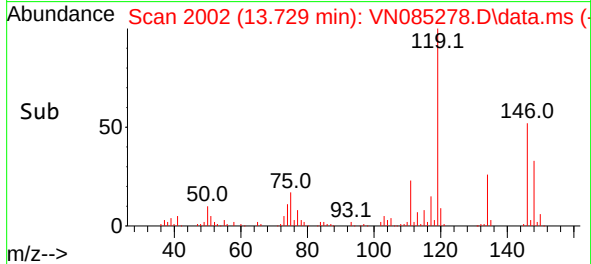


#83
1,3-Dichlorobenzene
Concen: 19.206 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

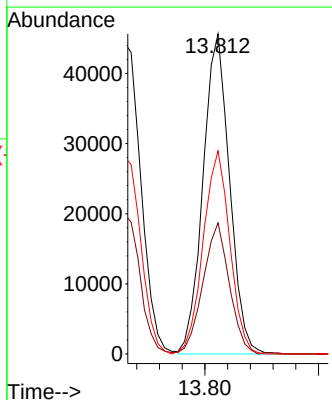
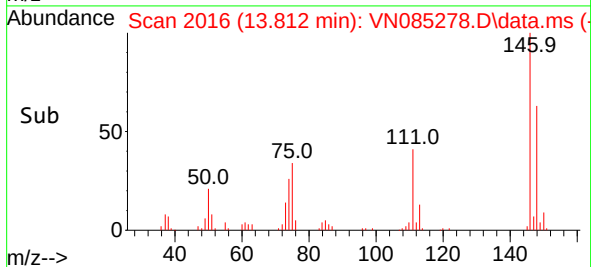
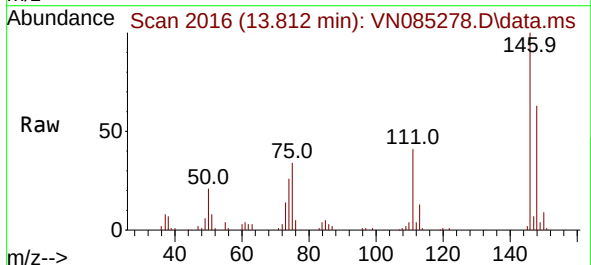


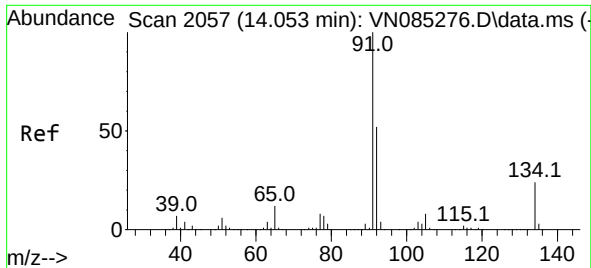
Tgt Ion:146 Resp: 76679
Ion Ratio Lower Upper
146 100
111 42.8 20.4 61.3
148 61.9 31.1 93.5



#84
1,4-Dichlorobenzene
Concen: 19.183 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion:146 Resp: 74097
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.7 33.2 99.6

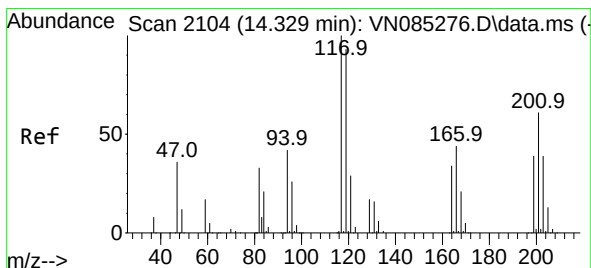
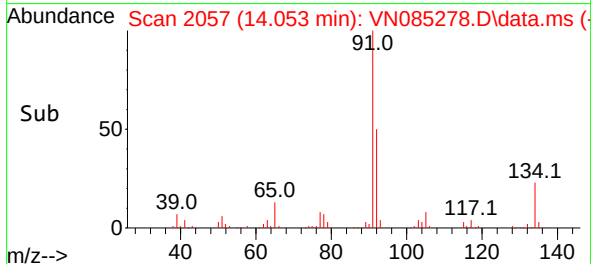
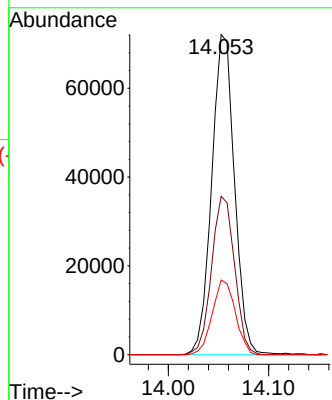
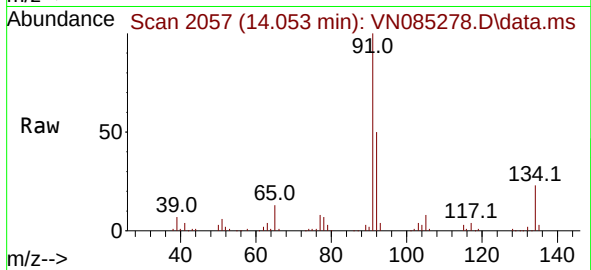




#85
n-Butylbenzene
Concen: 18.373 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

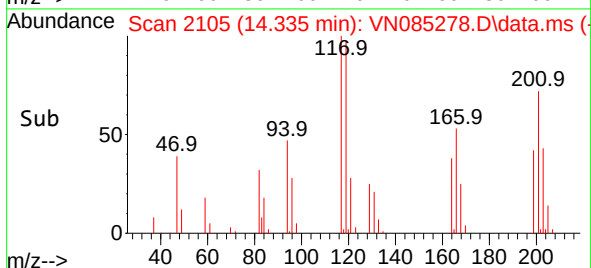
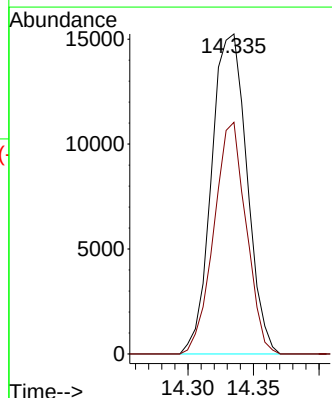
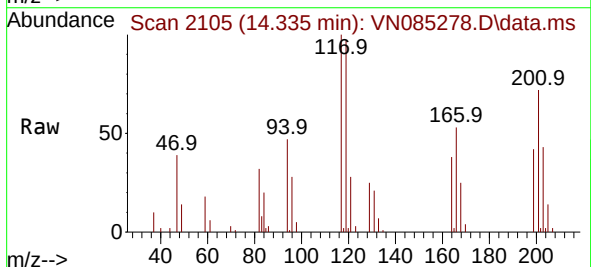
Instrument :
MSVOA_N
ClientSampleId :

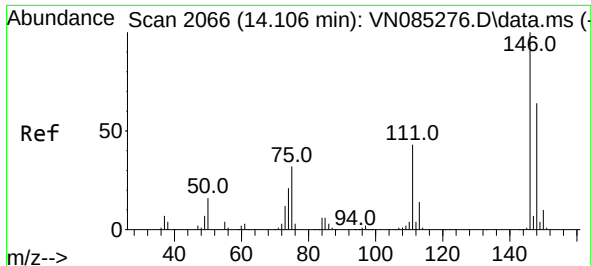
Tgt Ion: 91 Resp: 114050
Ion Ratio Lower Upper
91 100
92 49.8 0.0 102.0
134 23.5 0.0 46.4



#86
Hexachloroethane
Concen: 18.546 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085278.D
Acq: 20 Dec 2024 12:32

Tgt Ion: 117 Resp: 28626
Ion Ratio Lower Upper
117 100
201 65.9 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 19.023 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

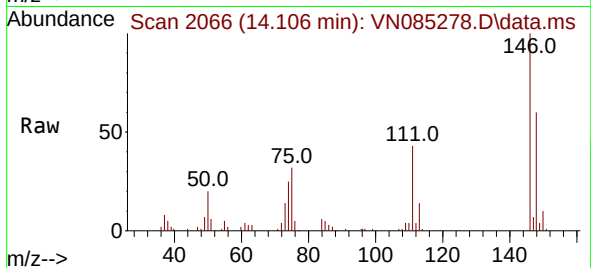
Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

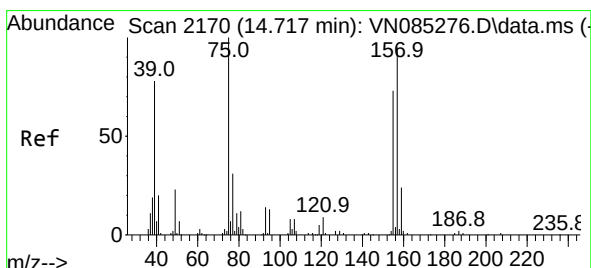
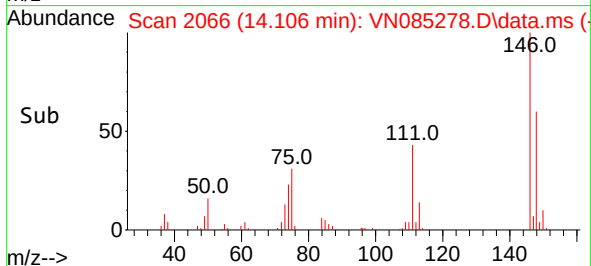
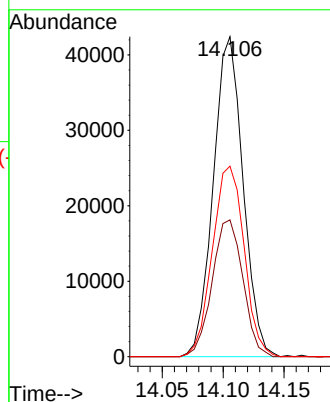
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	72156
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.3
148	63.5	32.5	97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.163 ug/l

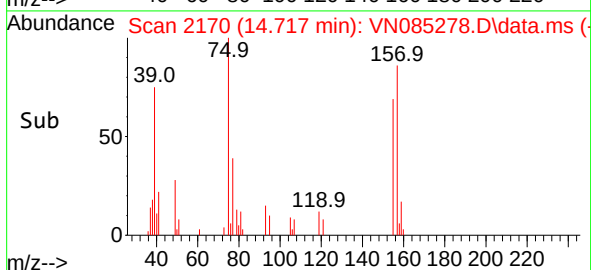
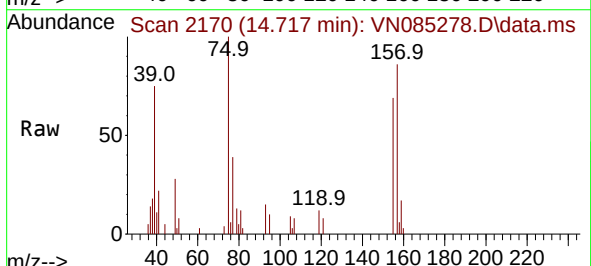
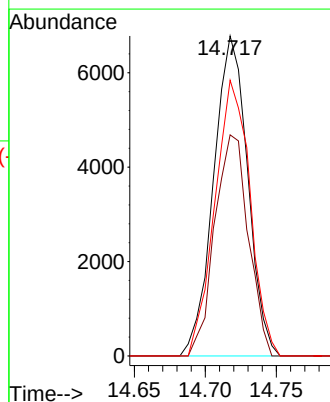
RT: 14.717 min Scan# 2170

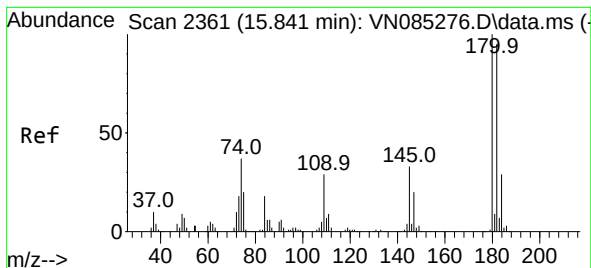
Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Tgt Ion:	75	Resp:	11313
Ion	Ratio	Lower	Upper
75	100		
155	68.3	53.4	80.0
157	88.7	74.2	111.4





#89

1,2,4-Trichlorobenzene

Concen: 19.393 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

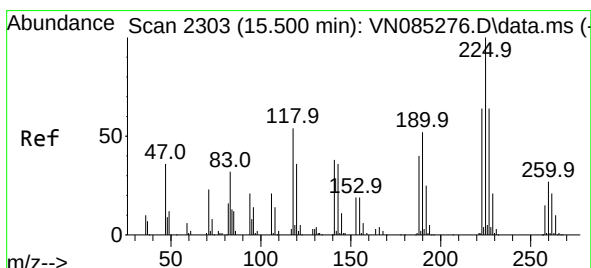
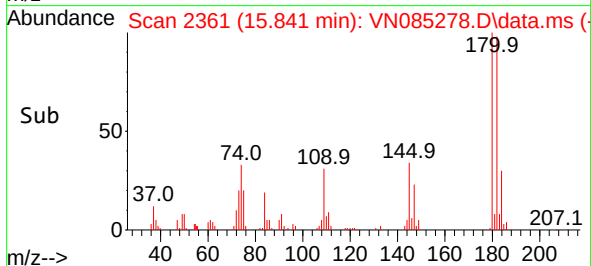
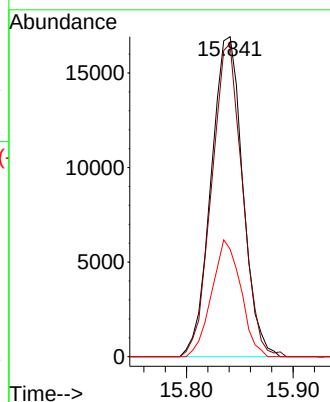
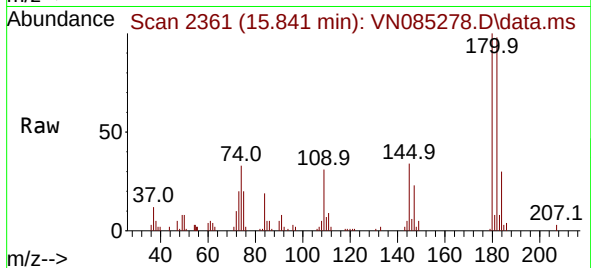
Tgt Ion:180 Resp: 34849

Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 33.6 27.4 41.2



#90

Hexachlorobutadiene

Concen: 20.307 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

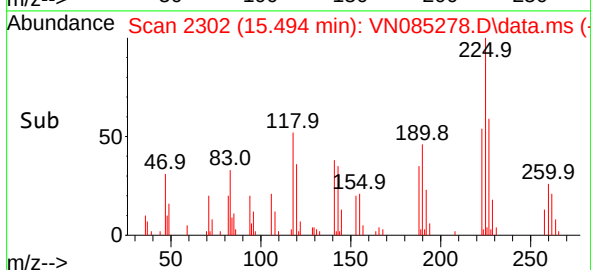
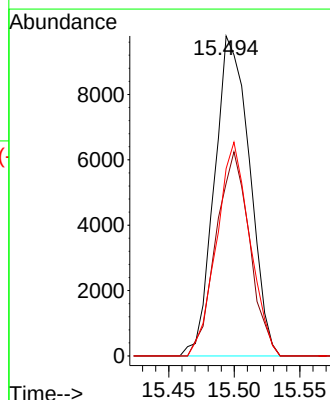
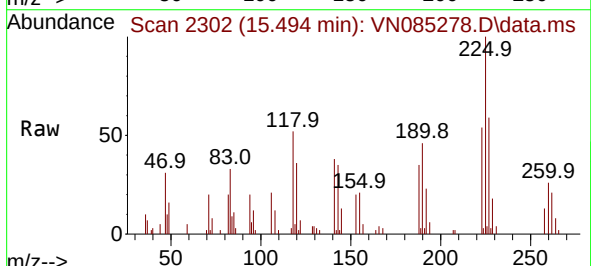
Tgt Ion:225 Resp: 18190

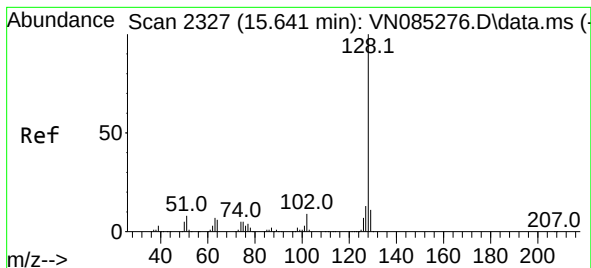
Ion Ratio Lower Upper

225 100

223 61.2 0.0 116.2

227 63.3 0.0 116.4





#91

Naphthalene

Concen: 17.976 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

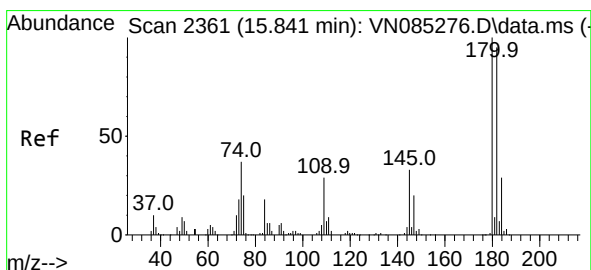
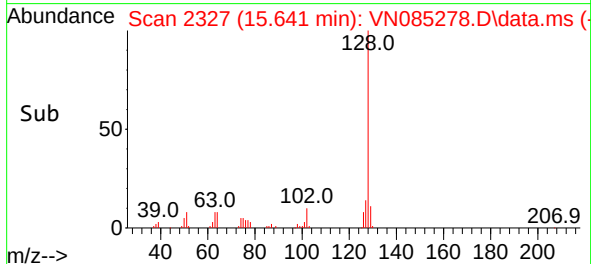
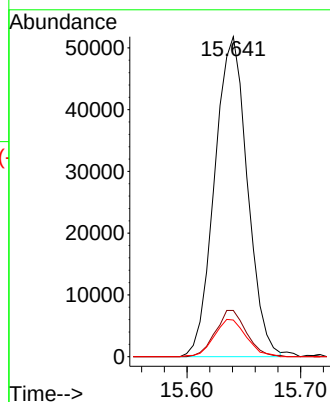
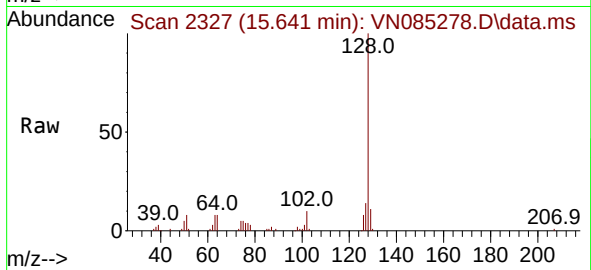
Tgt Ion:128 Resp: 103789

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.4 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.393 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085278.D

Acq: 20 Dec 2024 12:32

Tgt Ion:180 Resp: 34849

Ion Ratio Lower Upper

180 100

182 94.7 0.0 191.2

145 33.6 0.0 68.6

