

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085284.D
 Acq On : 20 Dec 2024 16:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Dec 21 02:25:36 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	27812	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	149884	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138063	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74117	30.294	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.967%	
60) 4-Bromofluorobenzene	12.847	95	67750	30.294	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.967%	
63) Toluene-d8	10.565	98	201005	29.816	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	45941	19.756	ug/l	98
3) Chloromethane	2.359	50	45516	19.386	ug/l	99
4) Vinyl Chloride	2.512	62	43579	18.279	ug/l	94
5) Bromomethane	2.959	94	25324	18.170	ug/l	96
6) Chloroethane	3.118	64	29219	19.415	ug/l	94
7) Trichlorofluoromethane	3.495	101	62167	18.981	ug/l	92
8) Diethyl Ether	3.959	74	19869	17.614	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	35415	18.830	ug/l	99
10) 1,1-Dichloroethene	4.336	96	31170	18.142	ug/l	95
11) Methyl Iodide	4.583	142	36342	17.649	ug/l	96
12) Methyl Acetate	5.024	43	45737	17.825	ug/l	91
13) Acrolein	4.183	56	24241	105.829	ug/l	99
14) Acrylonitrile	5.718	53	87149	87.817	ug/l	97
15) Acetone	4.424	58	22301	89.083	ug/l	99
16) Carbon Disulfide	4.706	76	93616	17.925	ug/l	99
17) Allyl chloride	5.018	41	50356	18.118	ug/l	94
18) Methylene Chloride	5.277	84	37854	18.489	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	33377	18.677	ug/l	91
20) Diisopropyl ether	6.671	45	117599	18.462	ug/l	98
21) 1,1-Dichloroethane	6.571	63	68690	18.446	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	37665	17.700	ug/l	98
23) tert-Butyl Alcohol	5.512	59	27800	85.000	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	103394	18.334	ug/l	98
25) Chloroform	7.965	83	70016	18.548	ug/l	98
26) Cyclohexane	8.253	56	51379	18.096	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	46300	17.792	ug/l	98
30) 2-Butanone	7.483	43	116766	85.005	ug/l	100
31) 2,2-Dichloropropane	7.488	77	58324	17.687	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	58527	17.300	ug/l	99
33) Carbon Tetrachloride	8.353	117	53635	18.111	ug/l	98
34) Benzene	8.600	78	146518	17.812	ug/l	99
35) Methacrylonitrile	7.777	41	26899	17.690	ug/l	94
36) 1,2-Dichloroethane	8.671	62	53465	17.974	ug/l	99
37) Trichloroethene	9.347	130	31945	17.651	ug/l	95
38) Methylcyclohexane	9.600	83	45885	17.039	ug/l	96
39) 1,2-Dichloropropane	9.618	63	37572	17.953	ug/l	99
40) Dibromomethane	9.706	93	25735	17.637	ug/l	99
41) Bromodichloromethane	9.888	83	54224	17.782	ug/l #	99
42) Vinyl Acetate	6.600	43	426381	87.935	ug/l	99

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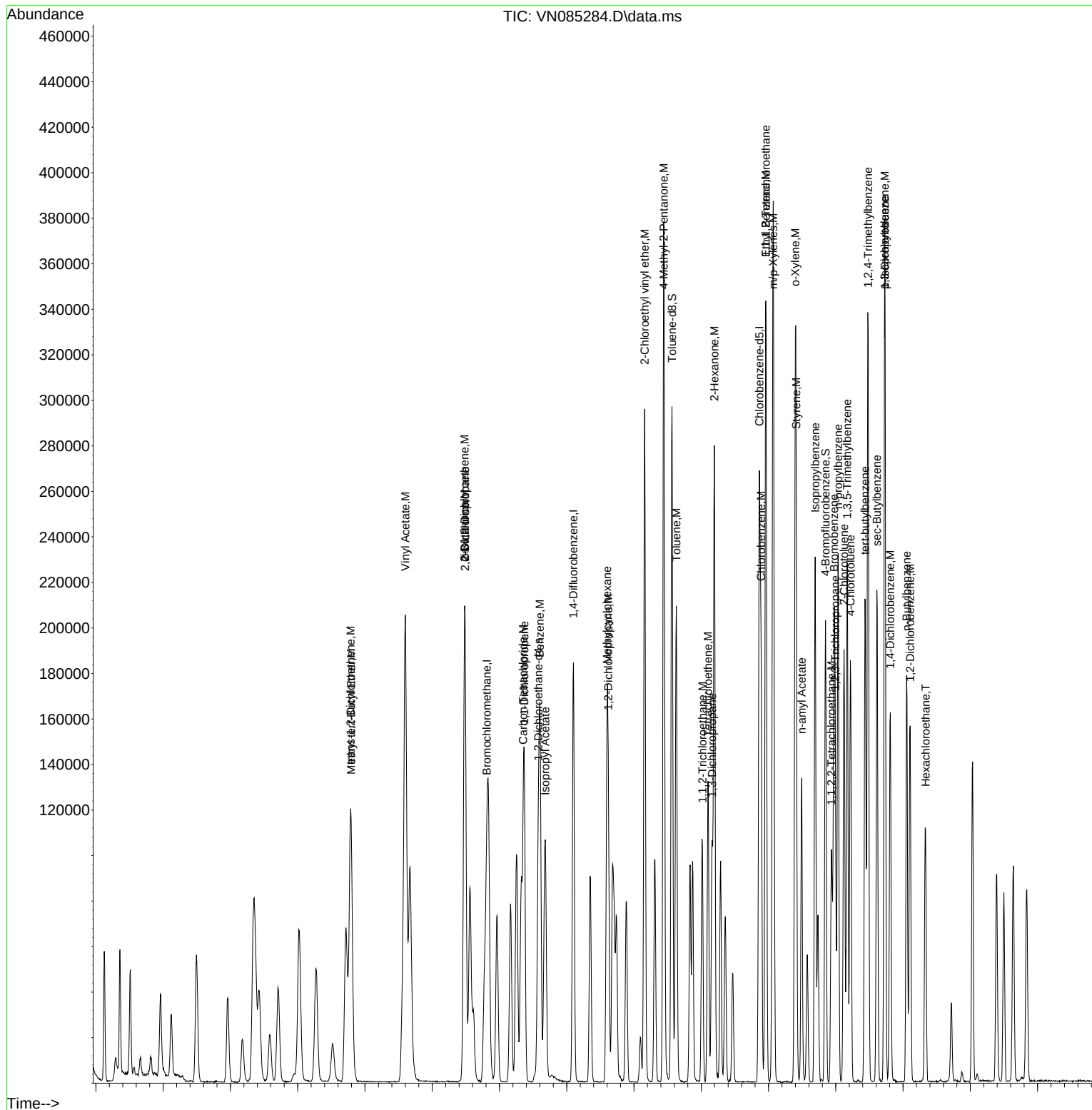
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	44382	15.624	ug/l	100
44) Isopropyl Acetate	8.682	43	84453	17.896	ug/l	98
45) 1,4-Dioxane	9.694	88	12595	343.146	ug/l	95
46) Methyl methacrylate	9.676	41	36851	16.824	ug/l	95
47) n-amyl Acetate	12.494	43	68086	16.937	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	51688	17.160	ug/l	94
49) cis-1,3-Dichloropropene	10.306	75	56017	17.299	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	34070	17.854	ug/l	93
51) Ethyl methacrylate	10.871	69	49740	17.233	ug/l	88
52) 1,3-Dichloropropane	11.159	76	58448	17.546	ug/l	99
53) Dibromochloromethane	11.359	129	38190	17.079	ug/l	99
54) 1,2-Dibromoethane	11.465	107	32861	17.794	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	125577	84.465	ug/l	99
56) Bromoform	12.576	173	24206	16.594	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	252780	90.315	ug/l	100
59) 2-Hexanone	11.194	43	179578	88.320	ug/l	100
61) Tetrachloroethene	11.100	164	28358	18.399	ug/l	84
62) Toluene	10.629	91	154783	18.248	ug/l	100
64) Chlorobenzene	11.888	112	92367	18.056	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	32823	17.692	ug/l	98
66) Ethyl Benzene	11.959	91	153995	17.254	ug/l	97
67) m/p-Xylenes	12.070	106	119088	35.567	ug/l	99
68) o-Xylene	12.400	106	55397	17.370	ug/l	99
69) Styrene	12.412	104	92932	17.242	ug/l	98
70) Isopropylbenzene	12.694	105	141886	17.717	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	50486	17.775	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	45821m	18.954	ug/l	
73) Bromobenzene	12.976	156	34469	17.422	ug/l	95
74) n-propylbenzene	13.035	91	174672	17.507	ug/l	97
75) 2-Chlorotoluene	13.123	91	108839	18.109	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	122361	17.907	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16384	16.584	ug/l	94
78) 4-Chlorotoluene	13.217	91	108080	17.686	ug/l	99
79) tert-butylbenzene	13.435	119	96848	17.330	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	121567	17.873	ug/l	100
81) sec-Butylbenzene	13.612	105	140501	17.414	ug/l	99
82) p-Isopropyltoluene	13.729	119	115449	17.375	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	65953	17.875	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	64209	17.987	ug/l	97
85) n-Butylbenzene	14.053	91	98235	17.124	ug/l	99
86) Hexachloroethane	14.335	117	24236	16.990	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	62284	17.768	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	8955	17.271	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	29130	17.541	ug/l	98
90) Hexachlorobutadiene	15.500	225	14597	17.633	ug/l	96
91) Naphthalene	15.641	128	86359	16.185	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	29130	17.541	ug/l	98

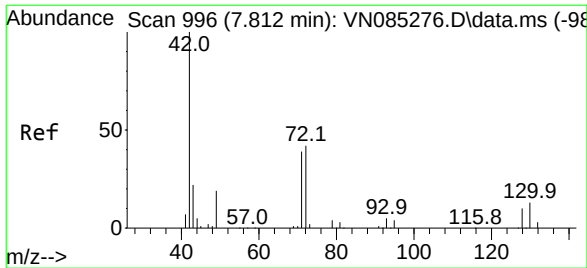
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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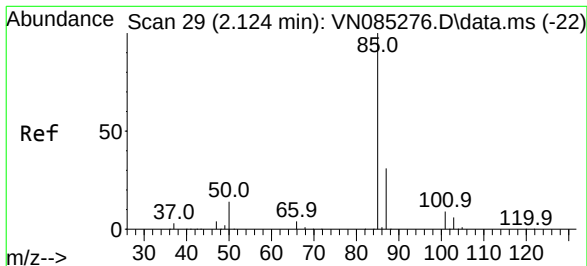
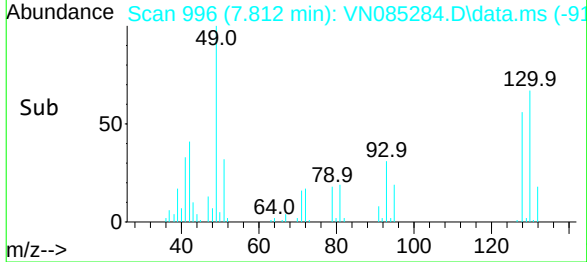
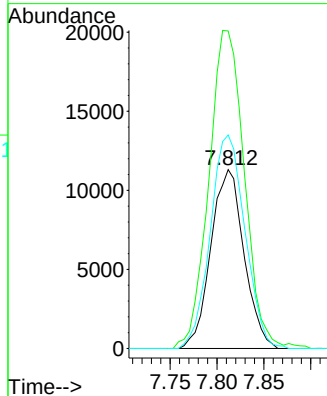
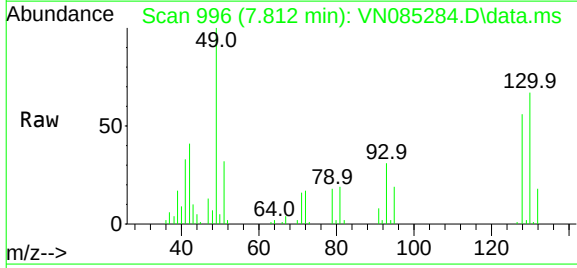




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. -0.000 min
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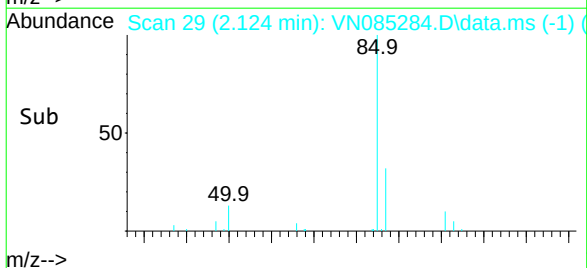
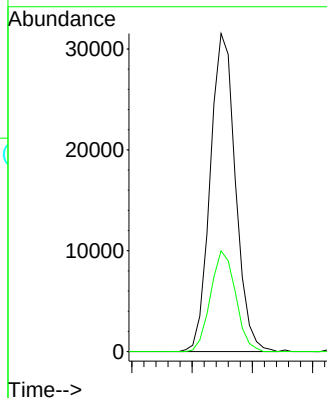
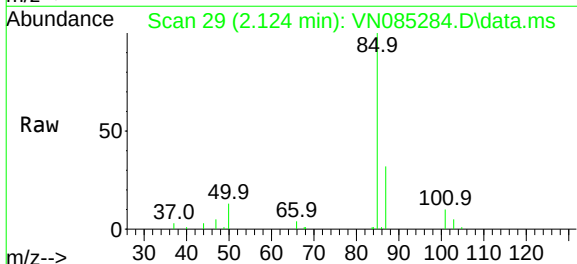
Instrument :
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Tgt Ion:	128	Resp:	27812
Ion	Ratio	Lower	Upper
128	100		
49	189.3	0.0	497.8
130	125.1	0.0	328.5

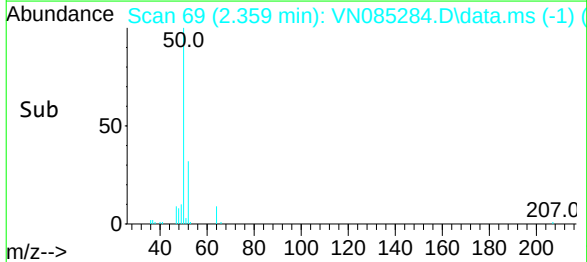
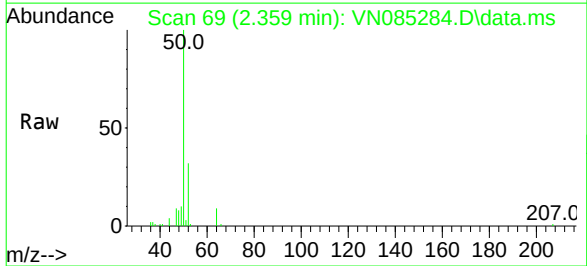
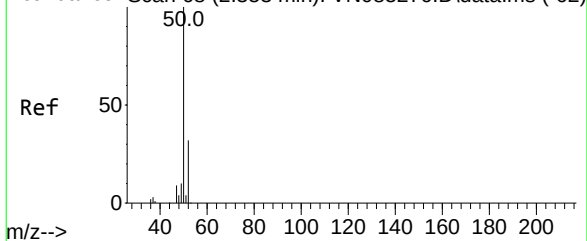


#2
Dichlorodifluoromethane
Concen: 19.756 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	85	Resp:	45941
Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.5	49.5



Abundance Scan 68 (2.353 min): VN085276.D\data.ms (-62)



#3

Chloromethane

Concen: 19.386 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

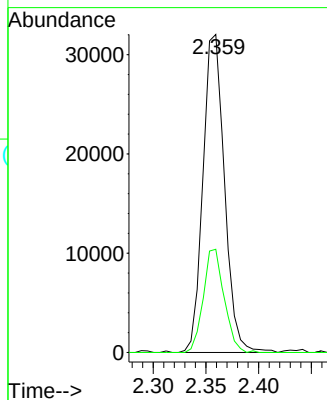
VSTDCCC020EC

Tgt Ion: 50 Resp: 45516

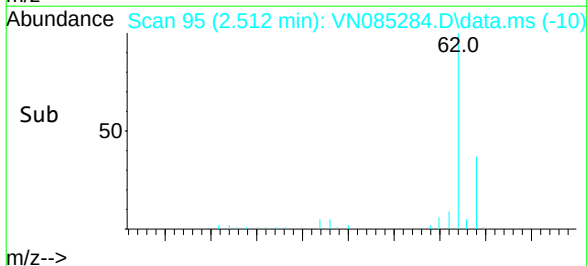
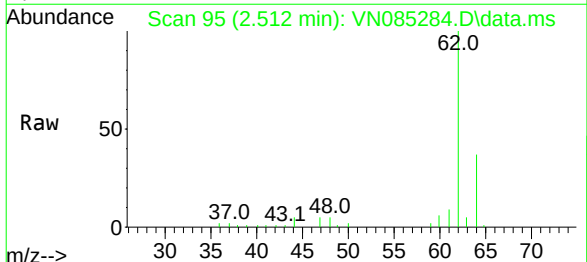
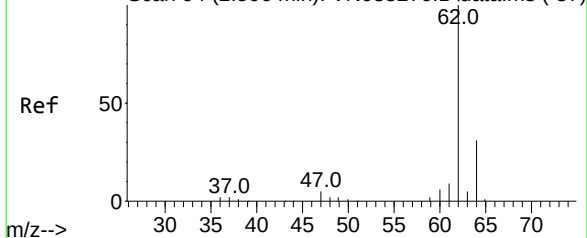
Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



Abundance Scan 94 (2.506 min): VN085276.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 18.279 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085284.D

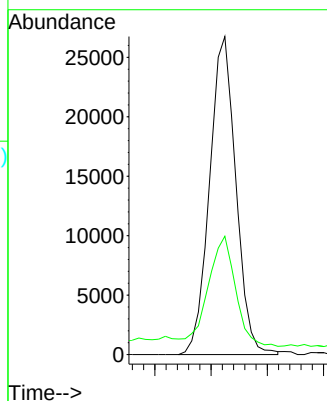
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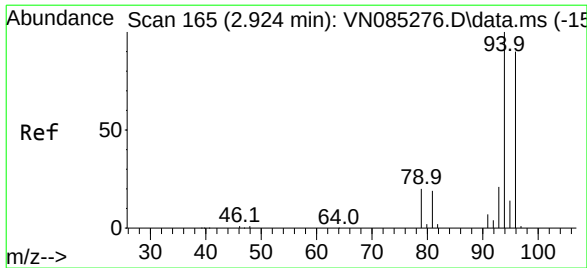
Tgt Ion: 62 Resp: 43579

Ion Ratio Lower Upper

62 100

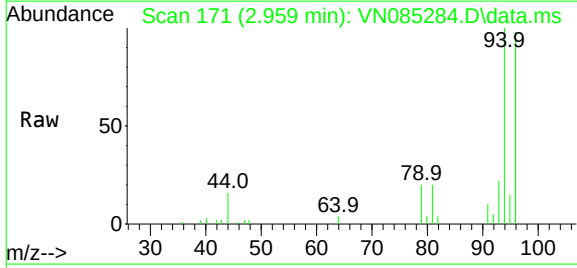
64 34.6 25.0 37.4



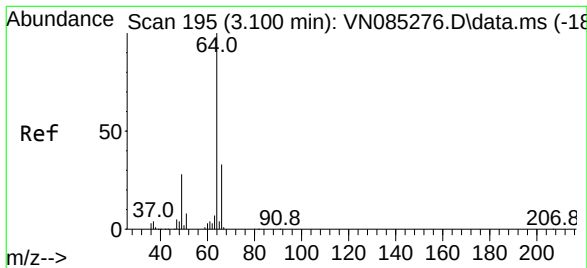
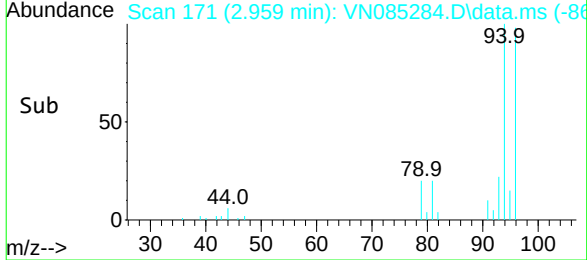
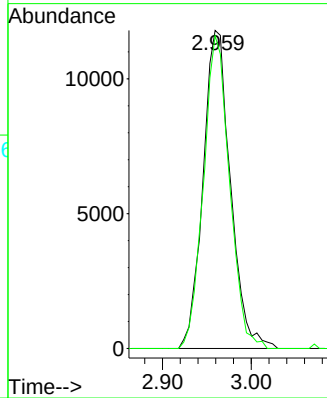


#5
Bromomethane
Concen: 18.170 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085284.D
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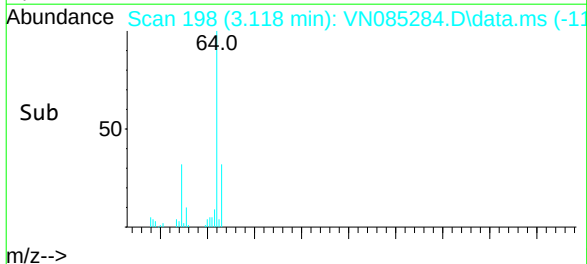
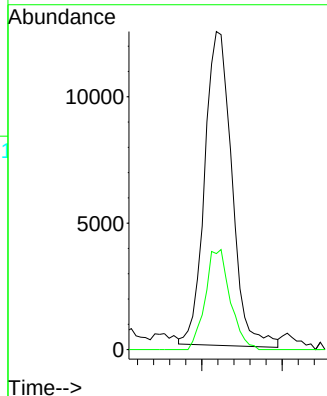
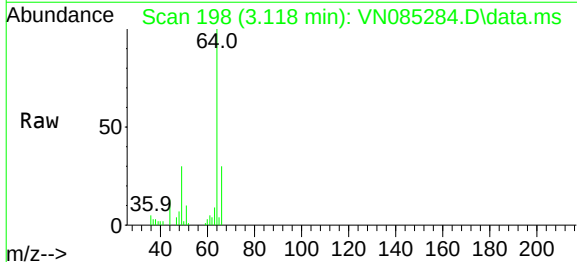


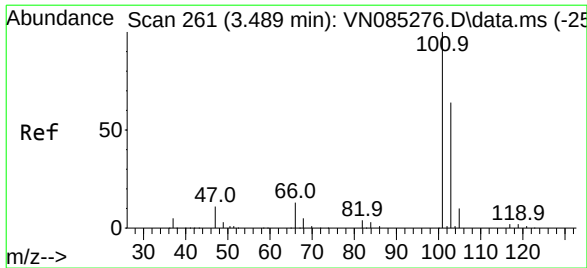
Tgt Ion: 94 Resp: 25324
Ion Ratio Lower Upper
94 100
96 98.3 75.6 113.4



#6
Chloroethane
Concen: 19.415 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

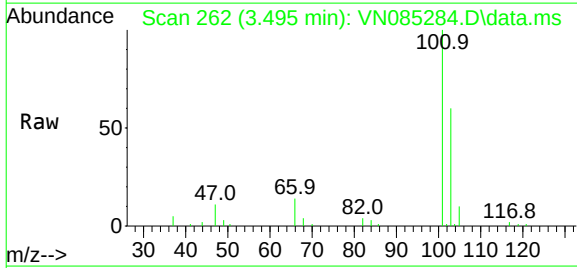
Tgt Ion: 64 Resp: 29219
Ion Ratio Lower Upper
64 100
66 31.2 22.2 33.4



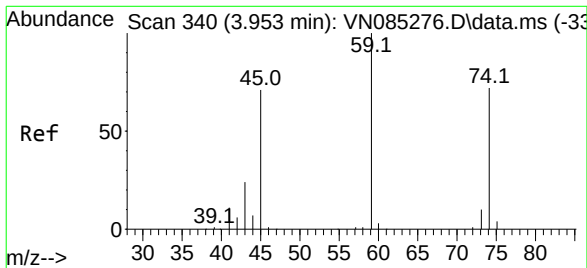
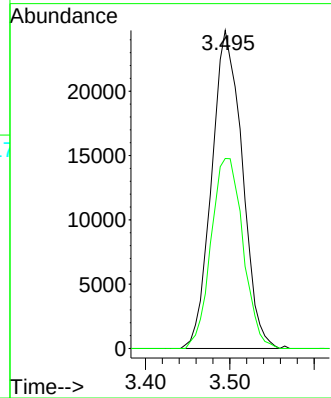
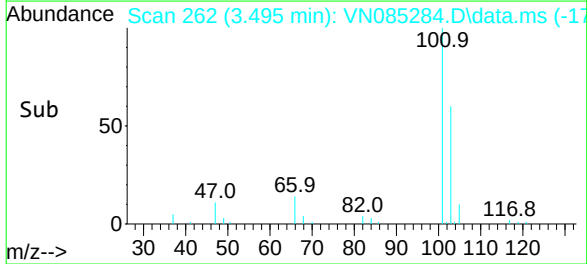


#7
 Trichlorofluoromethane
 Concen: 18.981 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085284.D
 Acq: 20 Dec 2024 16:13

Instrument :
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 ClientSampleId :
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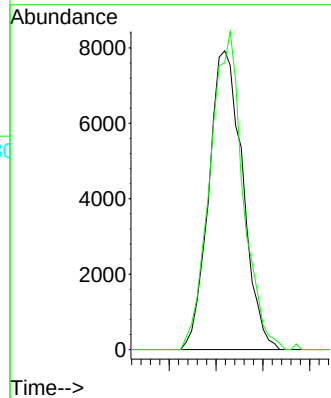
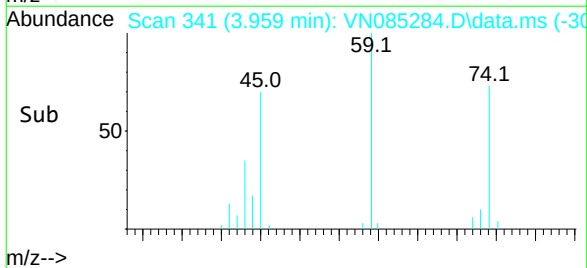
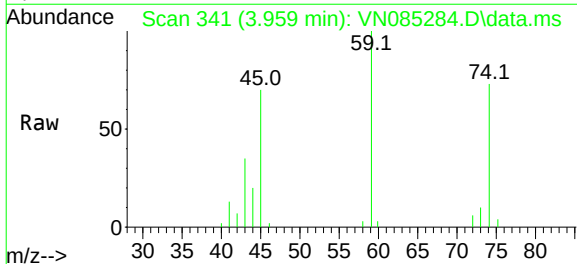


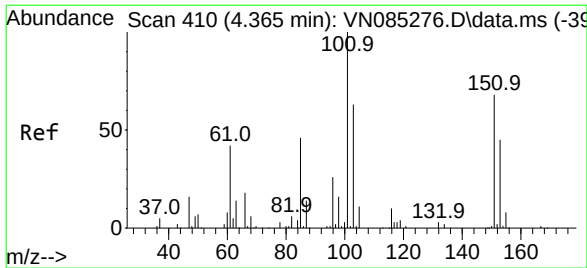
Tgt Ion:101 Resp: 62167
 Ion Ratio Lower Upper
 101 100
 103 59.7 52.6 78.8



#8
 Diethyl Ether
 Concen: 17.614 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085284.D
 Acq: 20 Dec 2024 16:13

Tgt Ion: 74 Resp: 19869
 Ion Ratio Lower Upper
 74 100
 45 104.1 20.8 187.6

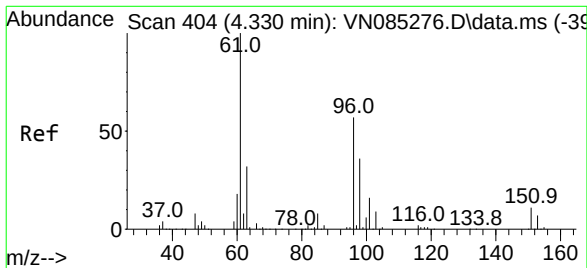
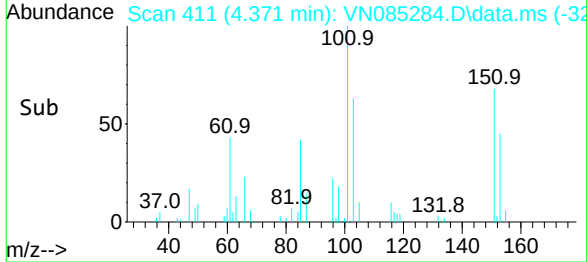
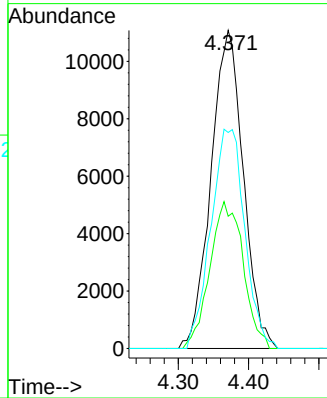
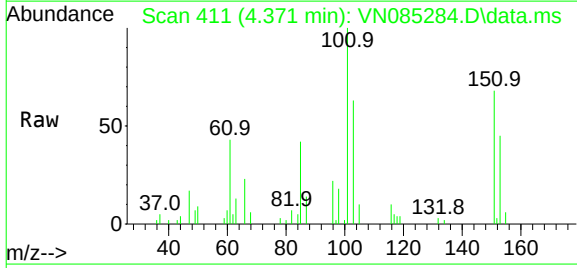




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.830 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085284.D
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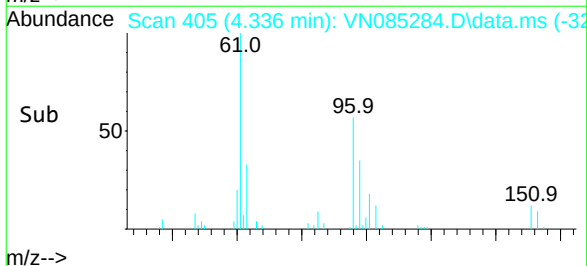
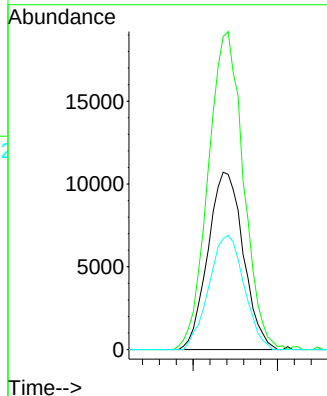
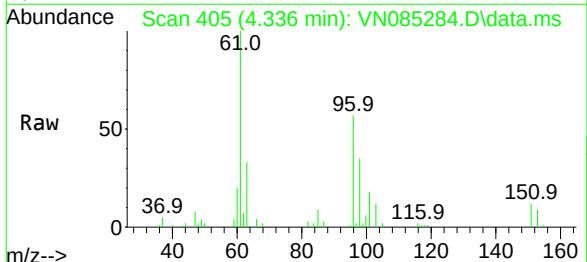
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ClientSampleId :
VSTDCCC020EC

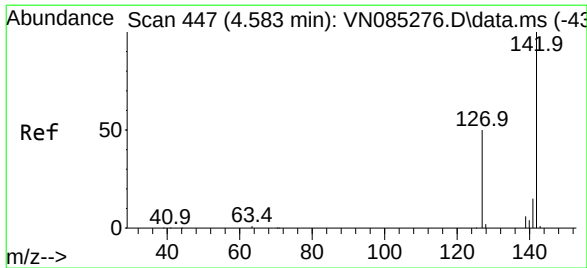
Tgt Ion:	101	Resp:	35415
Ion	Ratio	Lower	Upper
101	100		
85	47.6	0.0	96.6
151	72.3	0.0	147.4



#10
1,1-Dichloroethene
Concen: 18.142 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

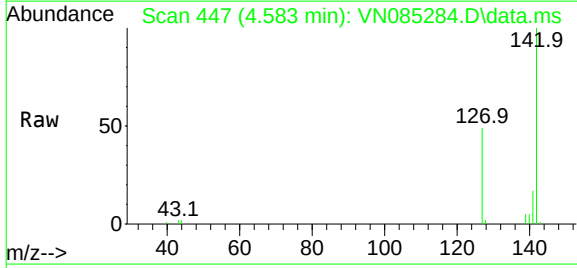
Tgt Ion:	96	Resp:	31170
Ion	Ratio	Lower	Upper
96	100		
61	174.8	145.9	218.9
98	62.5	51.9	77.9



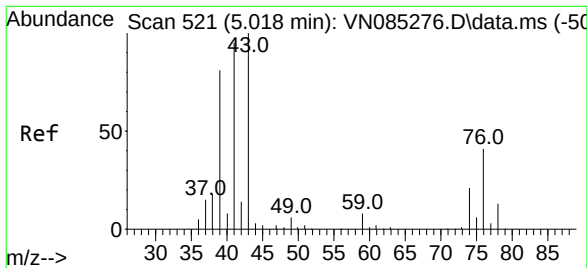
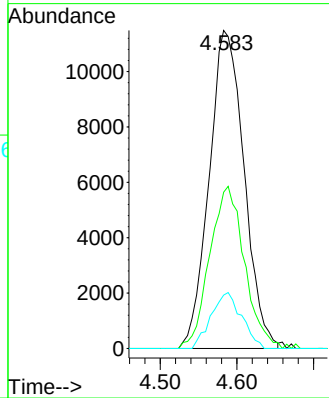
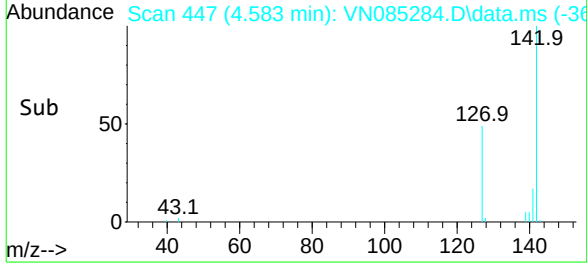


#11
Methyl Iodide
Concen: 17.649 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

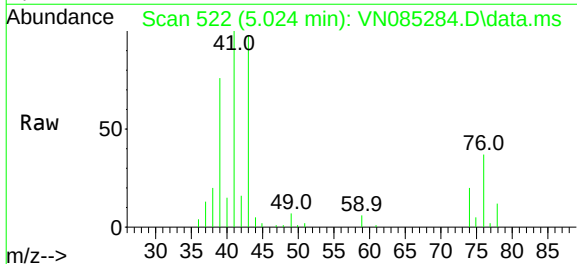
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



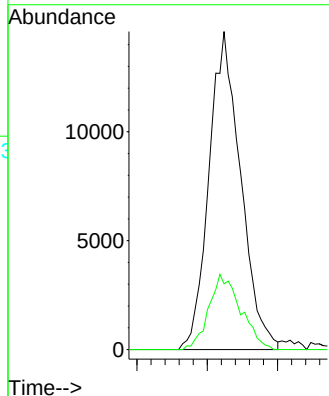
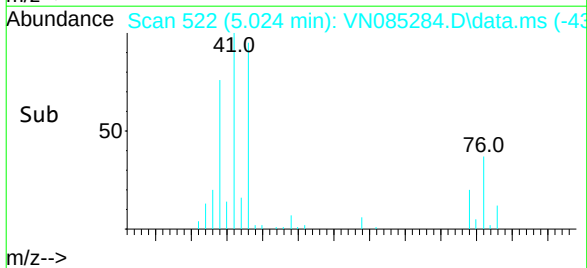
Tgt Ion: 142 Resp: 36342
Ion Ratio Lower Upper
142 100
127 48.6 25.1 75.4
141 16.9 6.9 20.7

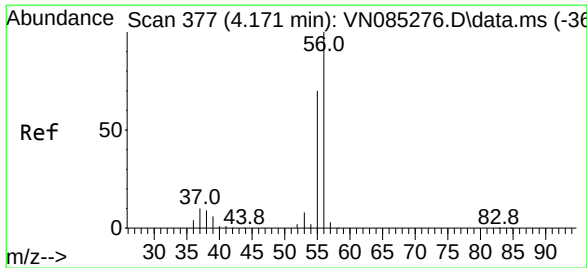


#12
Methyl Acetate
Concen: 17.825 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13



Tgt Ion: 43 Resp: 45737
Ion Ratio Lower Upper
43 100
74 20.9 20.5 30.7





#13

Acrolein

Concen: 105.829 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

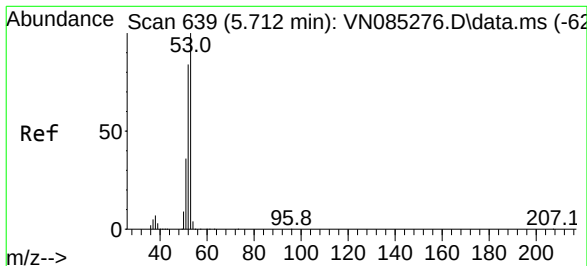
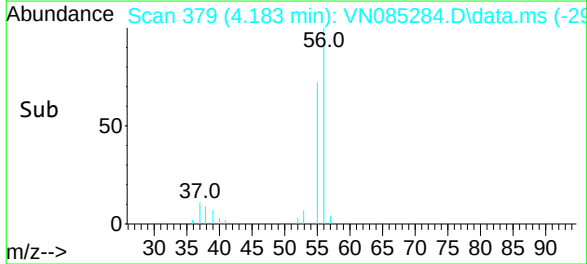
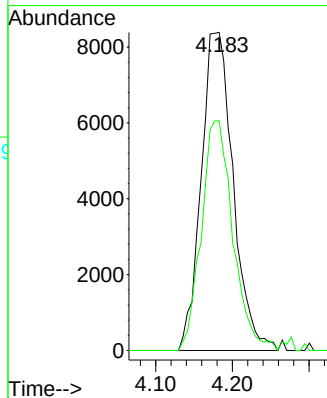
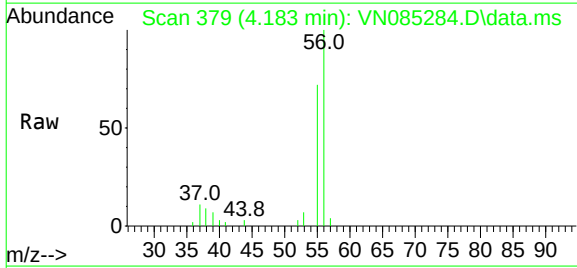
VSTDCCC020EC

Tgt Ion: 56 Resp: 24241

Ion Ratio Lower Upper

56 100

55 70.5 56.8 85.2



#14

Acrylonitrile

Concen: 87.817 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

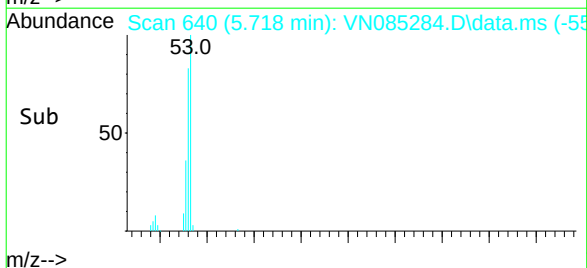
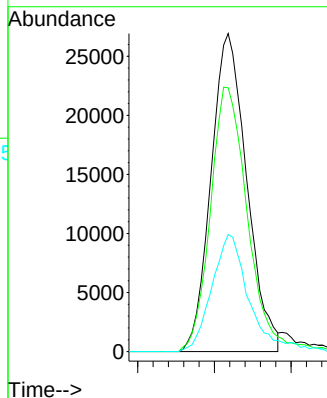
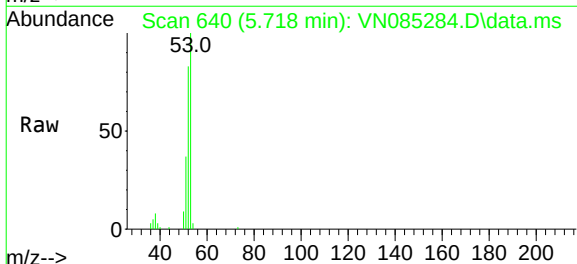
Tgt Ion: 53 Resp: 87149

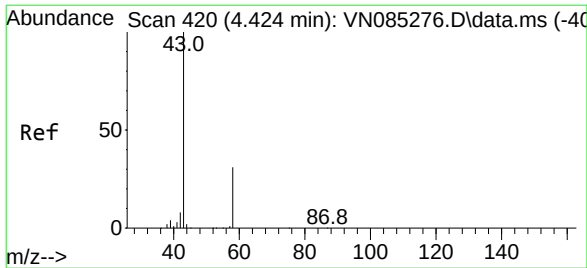
Ion Ratio Lower Upper

53 100

52 86.3 41.6 124.8

51 37.1 18.1 54.4

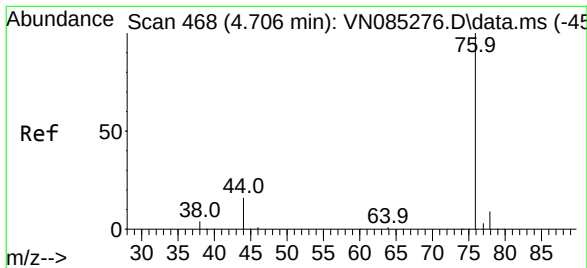
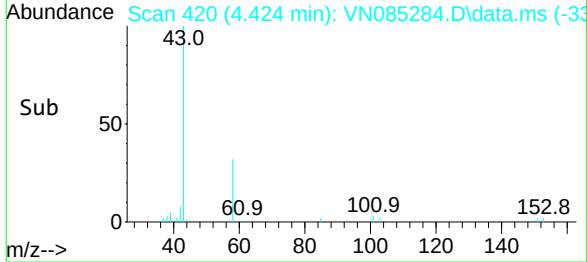
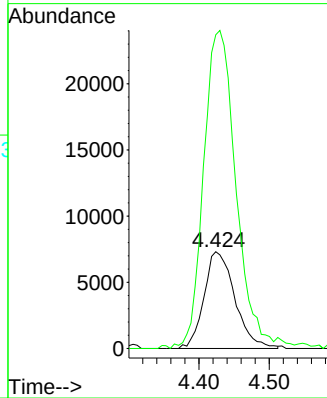
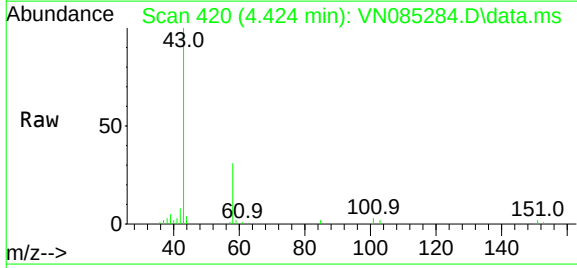




#15
Acetone
Concen: 89.083 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

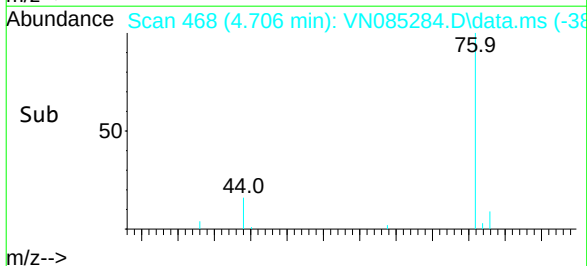
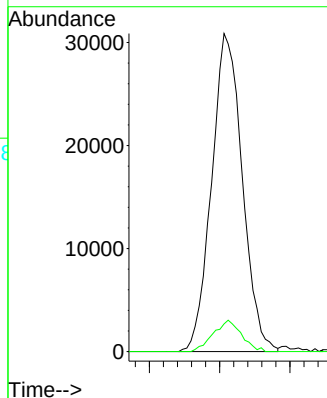
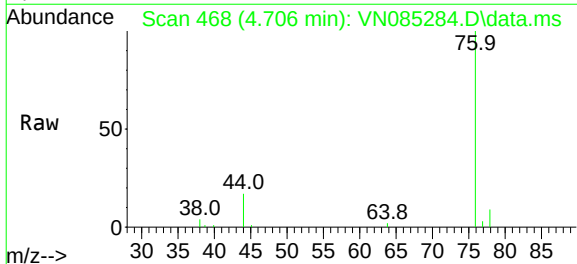
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

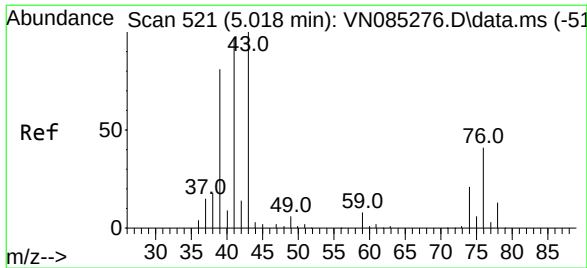
Tgt Ion: 58 Resp: 22301
Ion Ratio Lower Upper
58 100
43 321.0 258.8 388.2



#16
Carbon Disulfide
Concen: 17.925 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 76 Resp: 93616
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

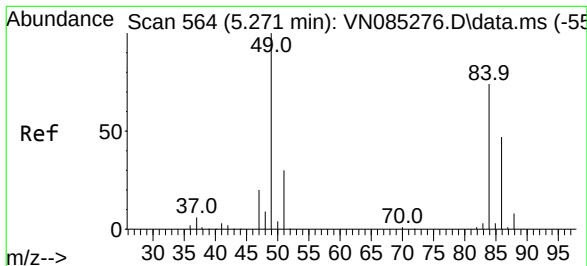
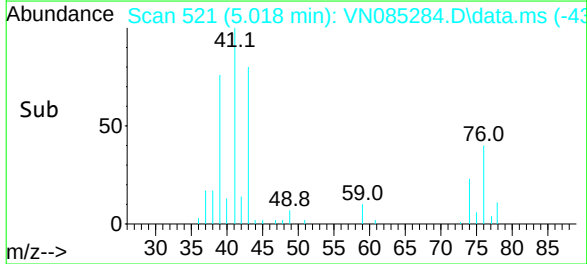
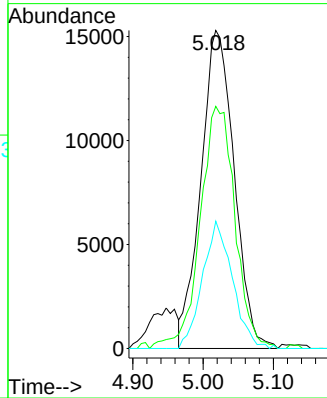
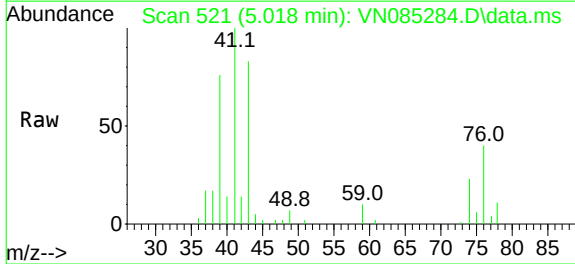




#17
 Allyl chloride
 Concen: 18.118 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN085284.D
 Acq: 20 Dec 2024 16:13

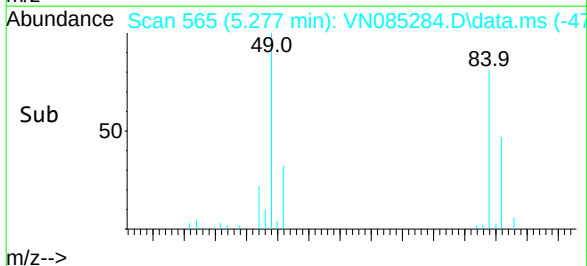
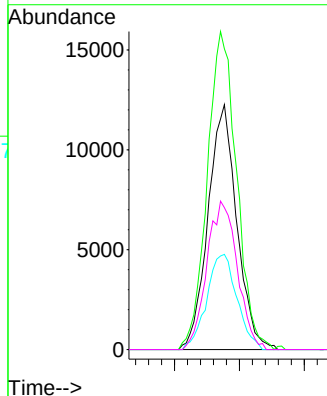
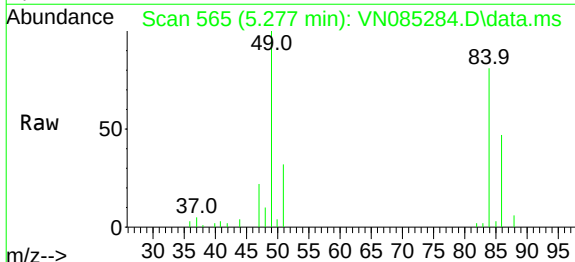
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

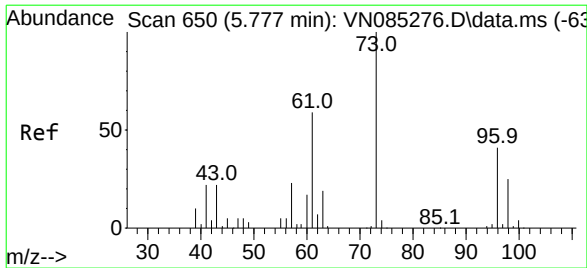
Tgt Ion:	41	Resp:	50356
Ion	Ratio	Lower	Upper
41	100		
39	76.1	41.3	124.1
76	40.0	19.5	58.5



#18
 Methylene Chloride
 Concen: 18.489 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085284.D
 Acq: 20 Dec 2024 16:13

Tgt Ion:	84	Resp:	37854
Ion	Ratio	Lower	Upper
84	100		
49	122.8	104.9	157.3
51	38.9	30.2	45.4
86	58.0	50.6	76.0

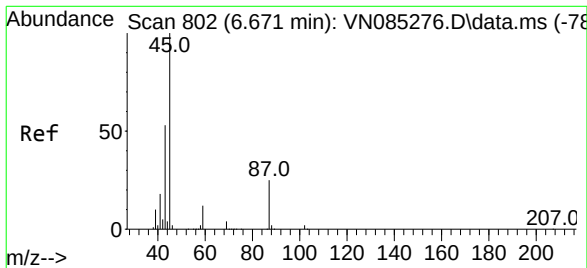
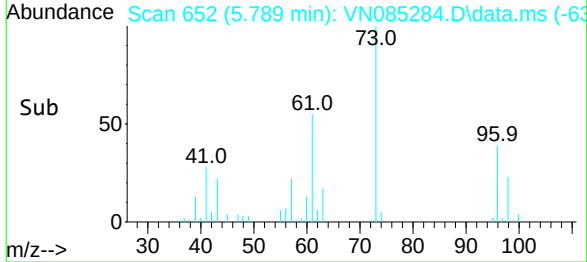
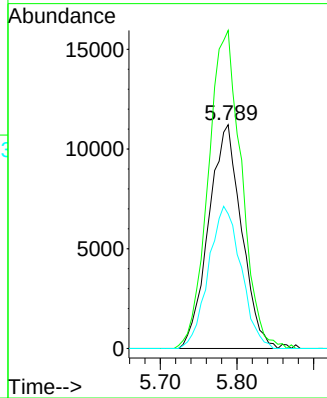
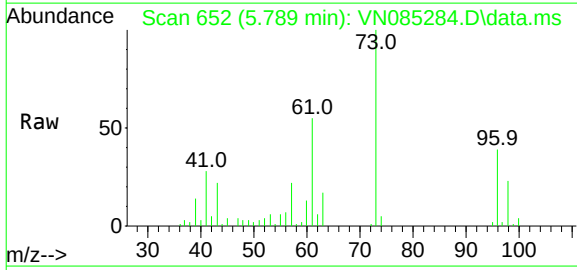




#19
trans-1,2-Dichloroethene
Concen: 18.677 ug/l
RT: 5.789 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

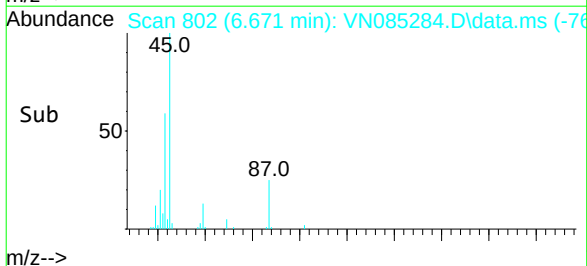
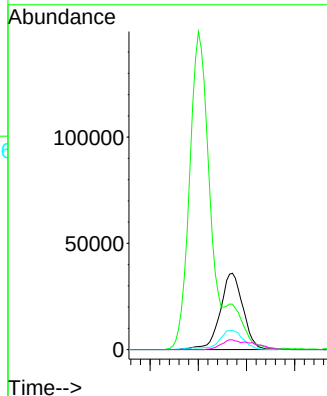
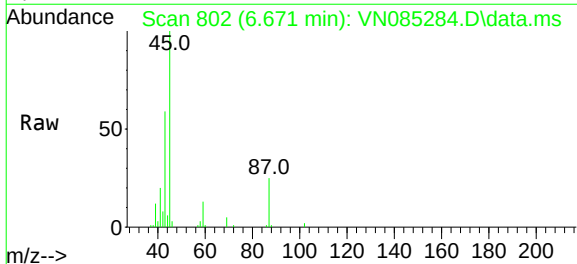
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

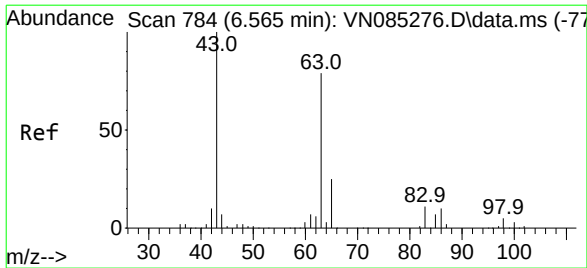
Tgt Ion:	96	Resp:	33377
Ion	Ratio	Lower	Upper
96	100		
61	140.8	124.2	186.4
98	60.1	51.0	76.4



#20
Diisopropyl ether
Concen: 18.462 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	45	Resp:	117599
Ion	Ratio	Lower	Upper
45	100		
43	58.1	46.6	69.8
87	25.4	22.3	33.5
59	12.8	9.2	13.8

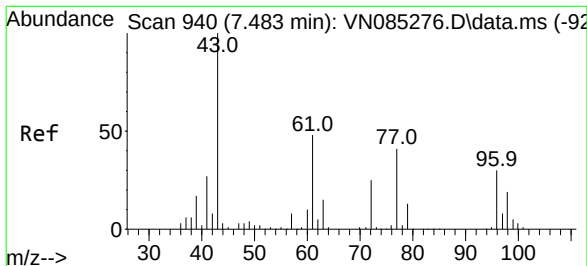
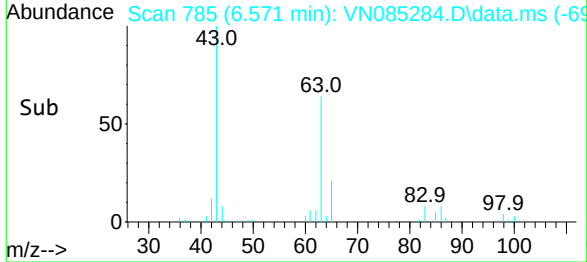
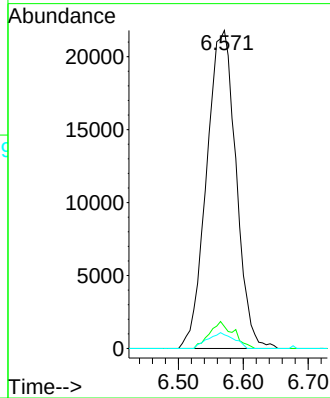
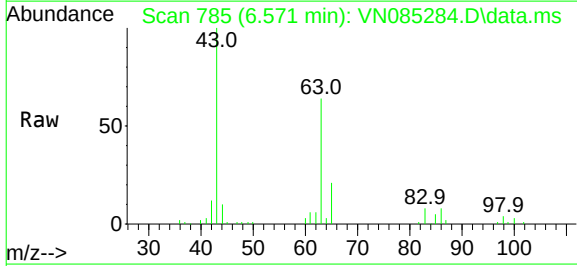




#21
1,1-Dichloroethane
Concen: 18.446 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

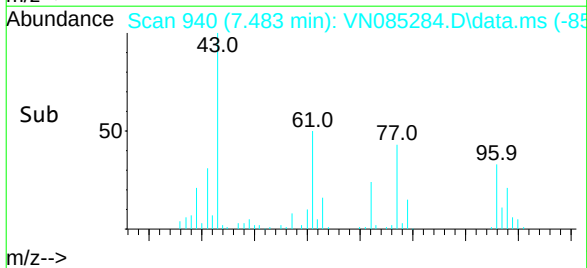
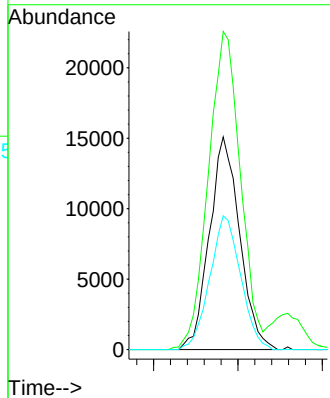
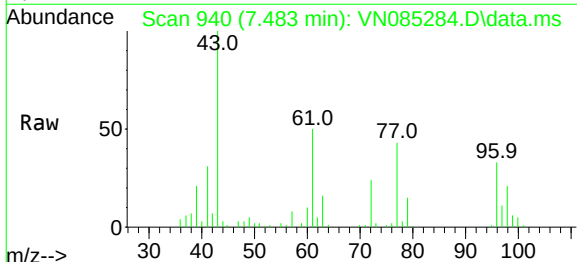
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

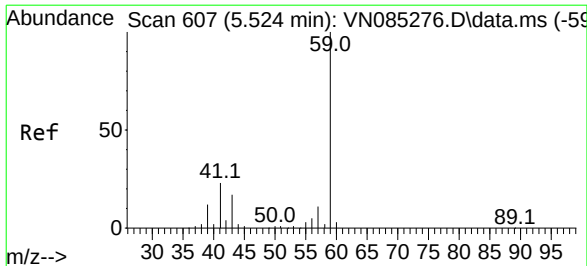
Tgt Ion: 63 Resp: 68690
Ion Ratio Lower Upper
63 100
98 6.9 2.4 7.1
100 4.3 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 17.700 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 96 Resp: 37665
Ion Ratio Lower Upper
96 100
61 158.2 128.1 192.1
98 64.1 52.7 79.1





#23

tert-Butyl Alcohol

Concen: 85.000 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

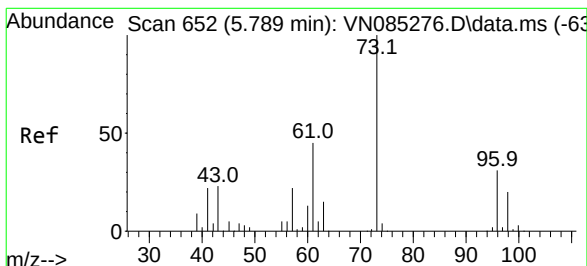
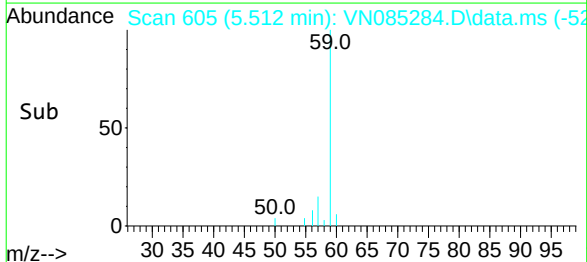
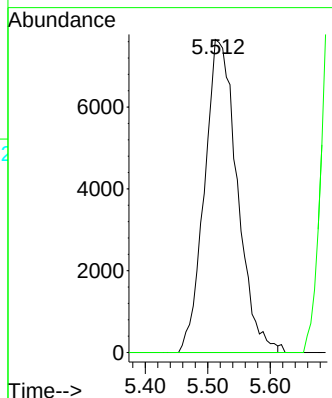
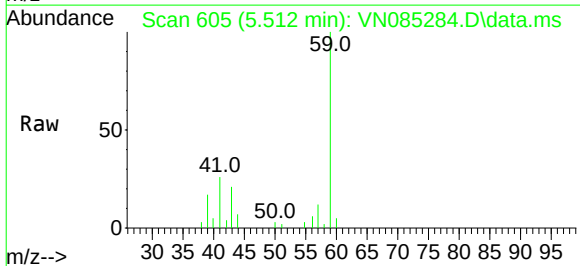
VSTDCCC020EC

Tgt Ion: 59 Resp: 27800

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 18.334 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.006 min

Lab File: VN085284.D

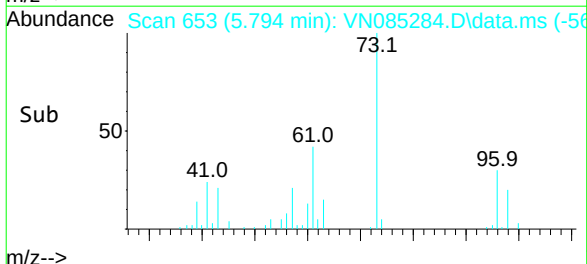
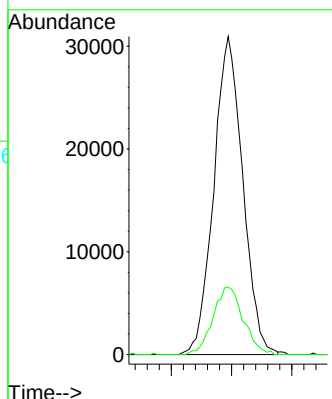
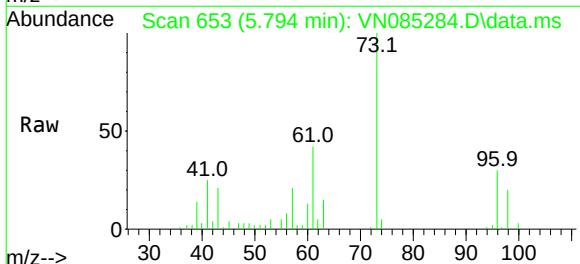
Acq: 20 Dec 2024 16:13

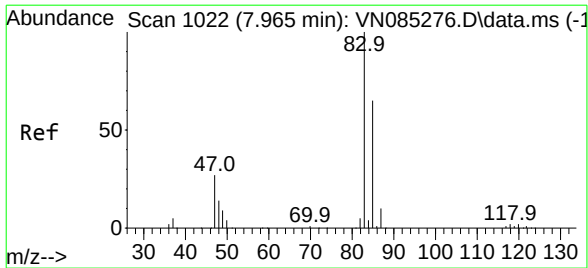
Tgt Ion: 73 Resp: 103394

Ion Ratio Lower Upper

73 100

43 22.0 18.6 27.8

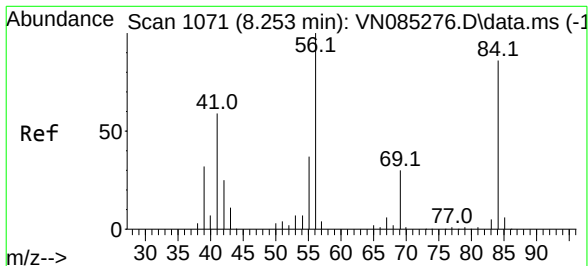
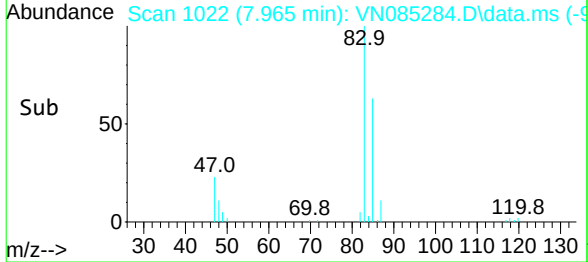
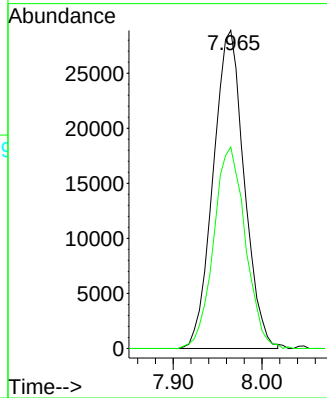
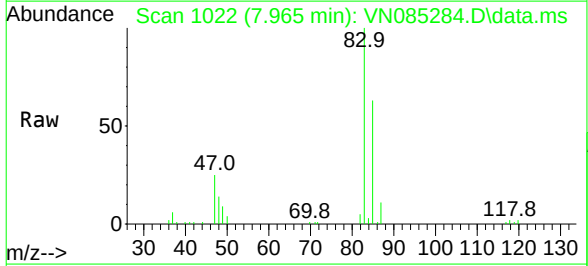




#25
Chloroform
Concen: 18.548 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

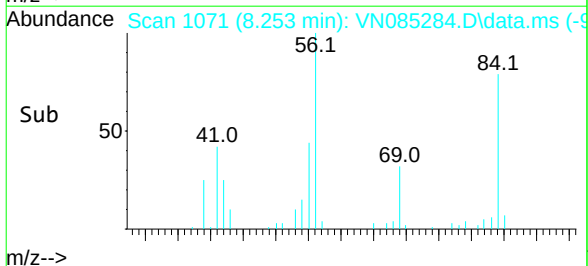
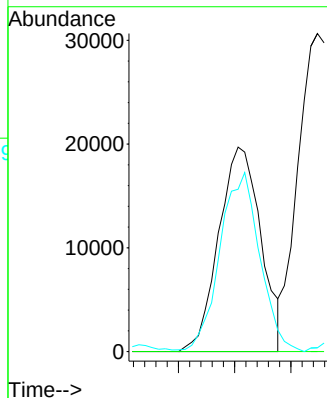
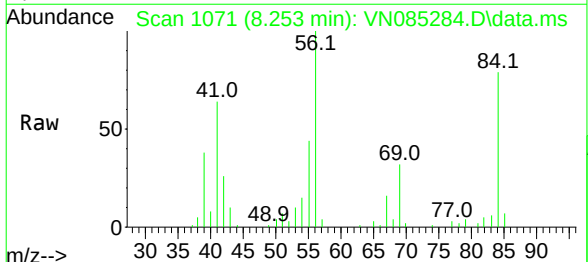
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

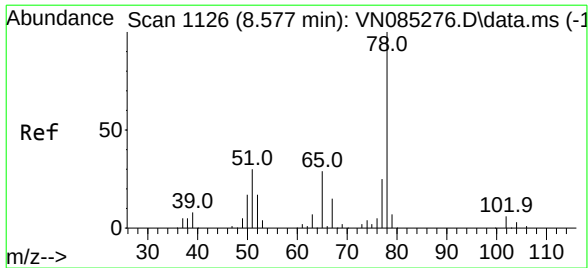
Tgt Ion: 83 Resp: 70016
Ion Ratio Lower Upper
83 100
85 63.3 52.0 78.0



#26
Cyclohexane
Concen: 18.096 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 56 Resp: 51379
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.7 67.6 101.4

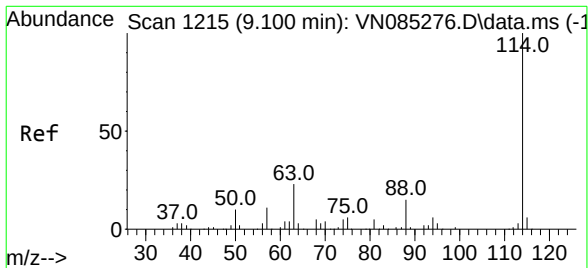
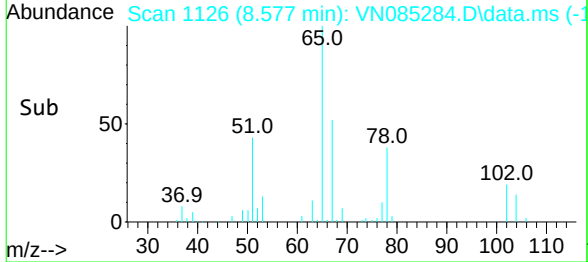
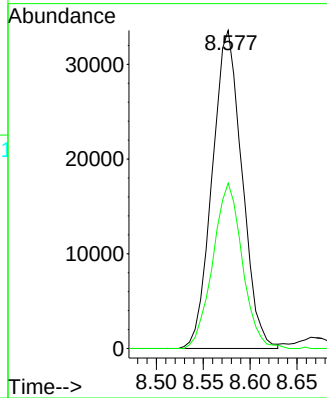
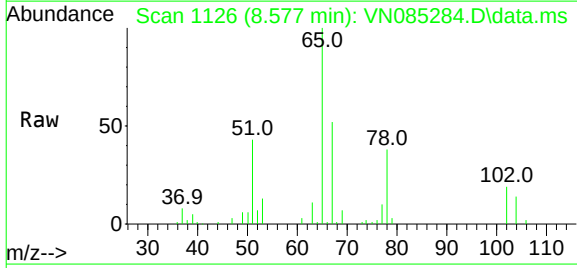




#27
1,2-Dichloroethane-d4
Concen: 30.294 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

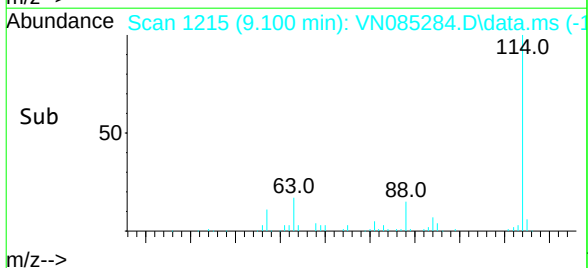
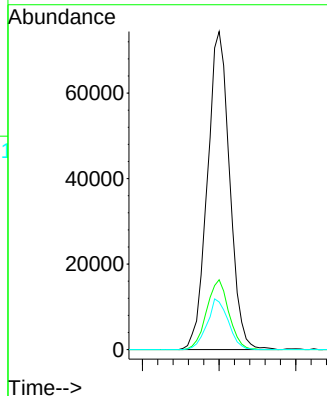
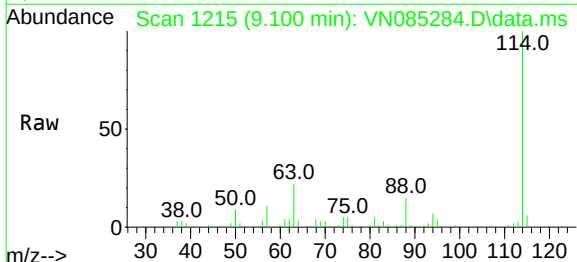
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

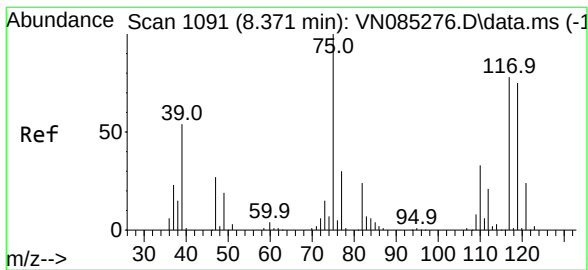
Tgt Ion: 65 Resp: 74117
Ion Ratio Lower Upper
65 100
67 51.3 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 114 Resp: 149884
Ion Ratio Lower Upper
114 100
63 21.9 18.0 27.0
88 15.1 12.9 19.3

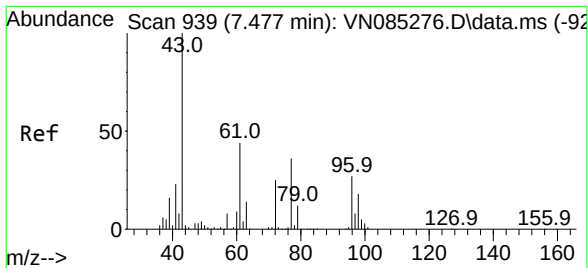
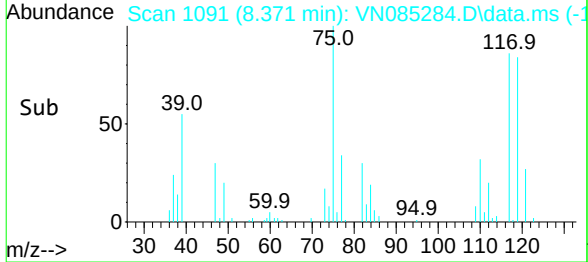
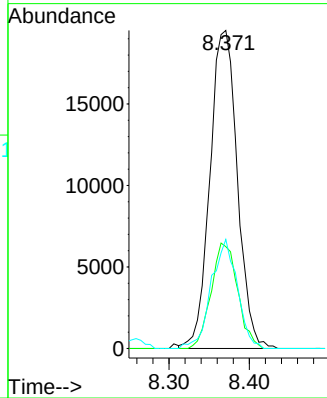
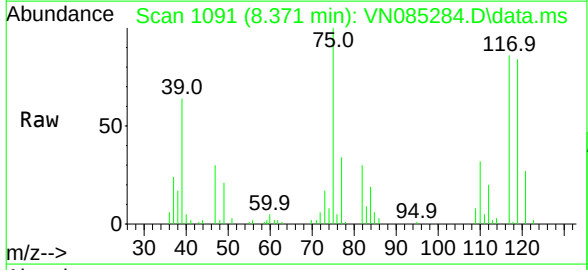




#29
1,1-Dichloropropene
Concen: 17.792 ug/l
RT: 8.371 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

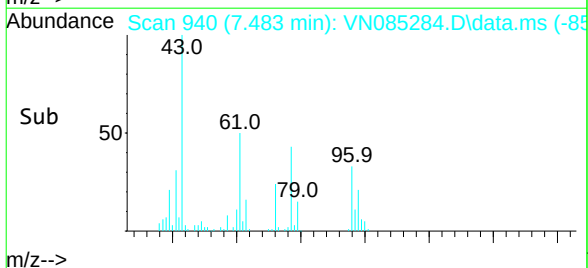
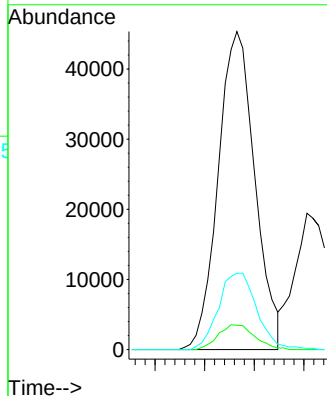
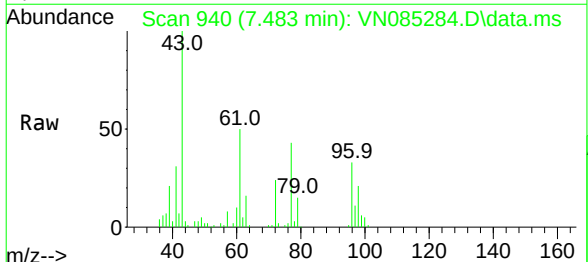
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

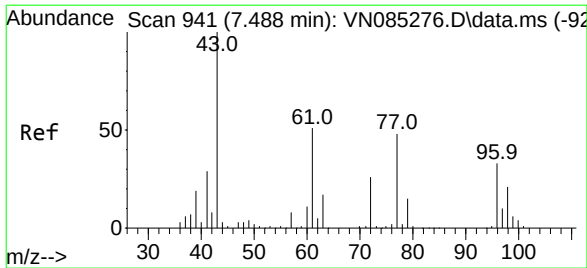
Tgt Ion:	75	Resp:	46300
Ion	Ratio	Lower	Upper
75	100		
110	32.0	0.0	64.8
77	32.7	0.0	60.8



#30
2-Butanone
Concen: 85.005 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	43	Resp:	116766
Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	25.2	19.9	29.9

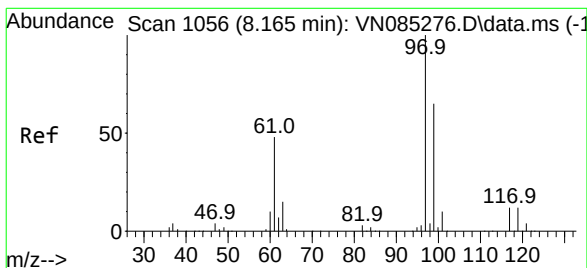
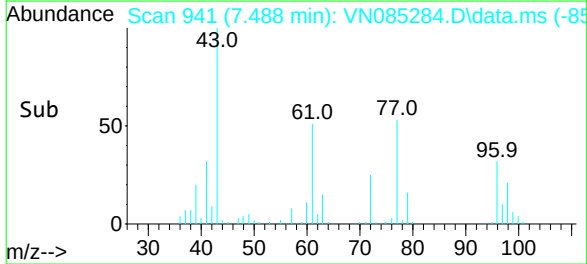
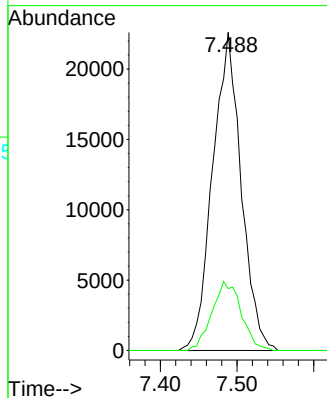
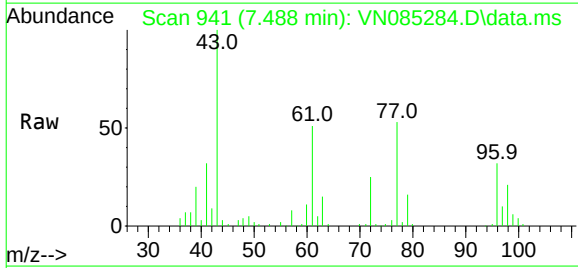




#31
2,2-Dichloropropane
Concen: 17.687 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

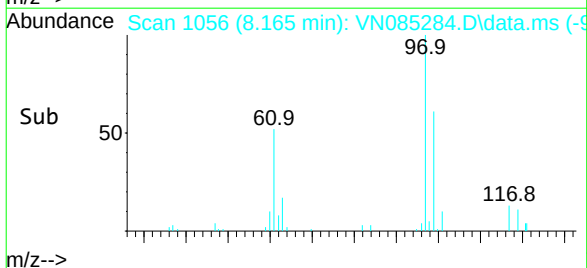
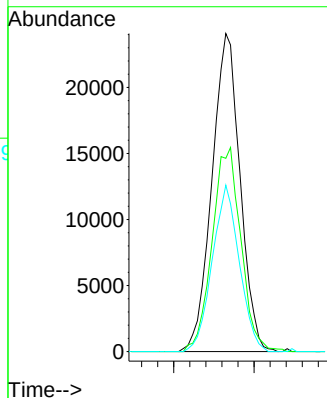
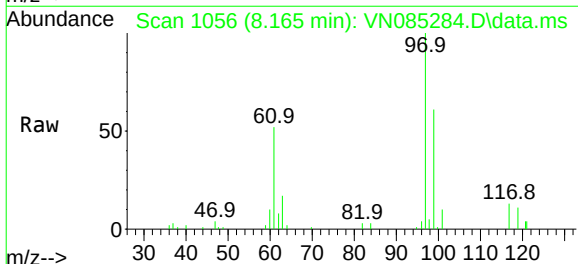
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

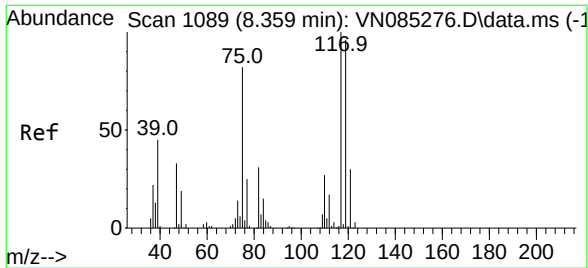
Tgt Ion: 77 Resp: 58324
Ion Ratio Lower Upper
77 100
97 22.3 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 17.300 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

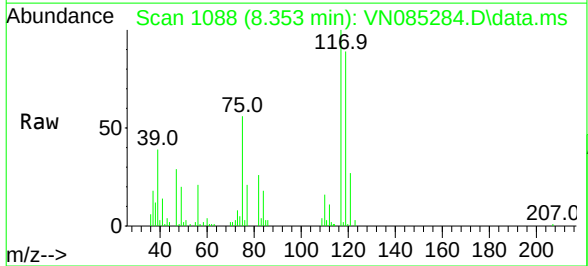
Tgt Ion: 97 Resp: 58527
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.2
61 50.1 39.8 59.8



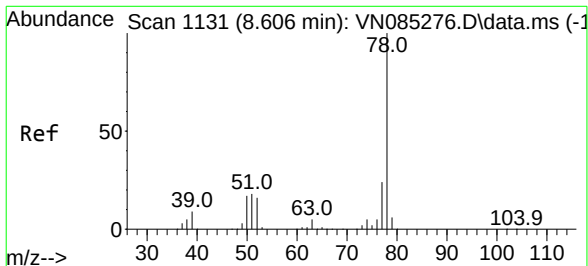
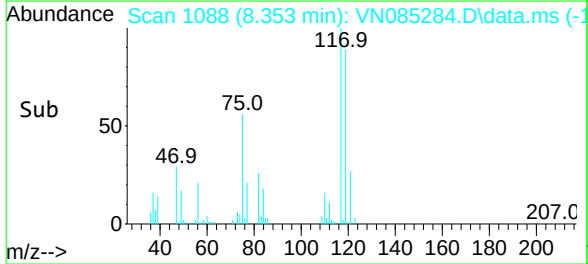
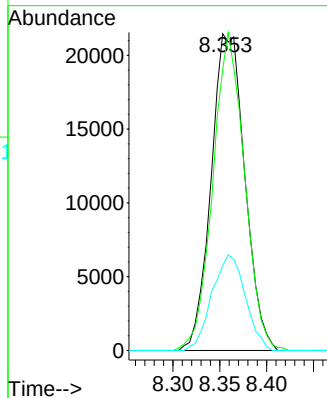


#33
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

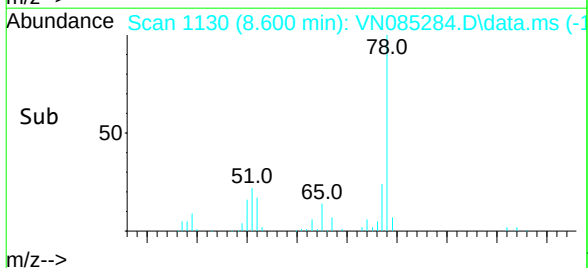
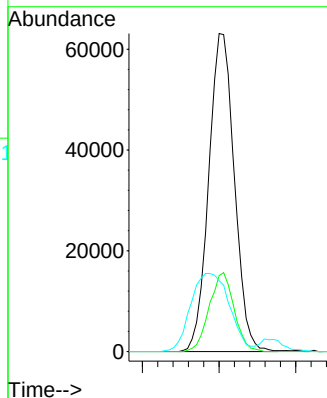
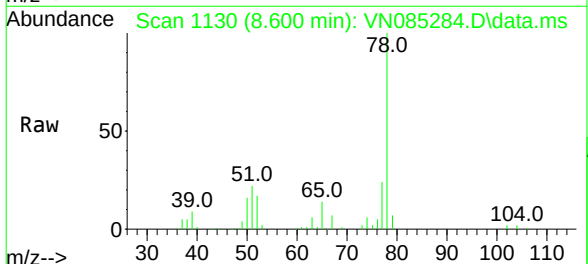


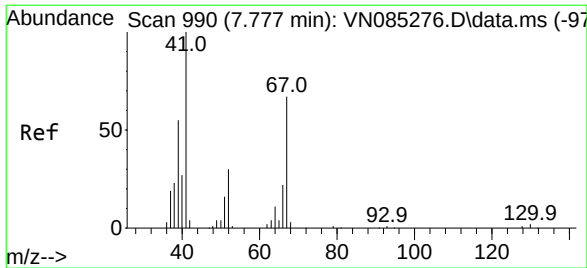
Tgt Ion:117 Resp: 53635
Ion Ratio Lower Upper
117 100
119 87.9 71.6 107.4
121 26.8 23.5 35.3



#34
Benzene
Concen: 17.812 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 78 Resp: 146518
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9
51 19.1 14.6 21.8

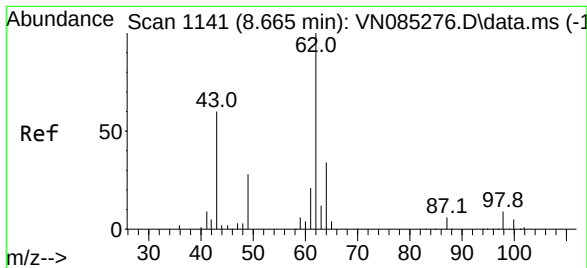
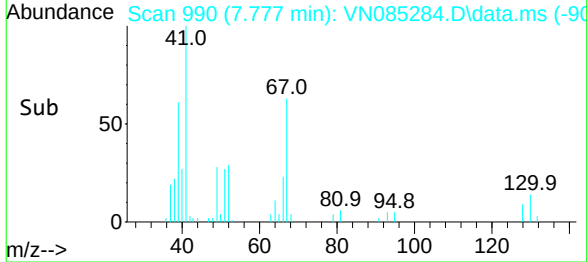
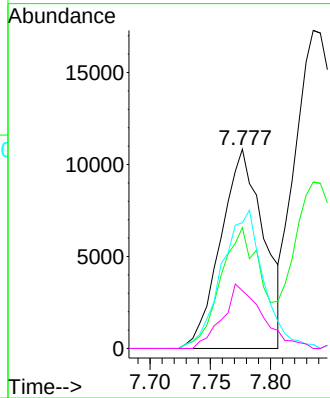
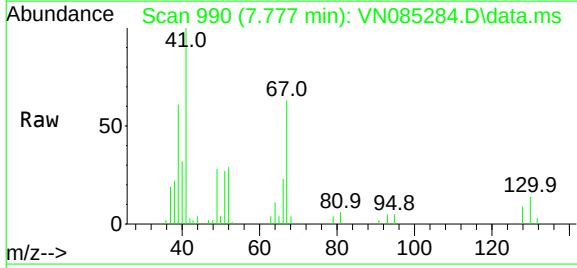




#35
Methacrylonitrile
Concen: 17.690 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

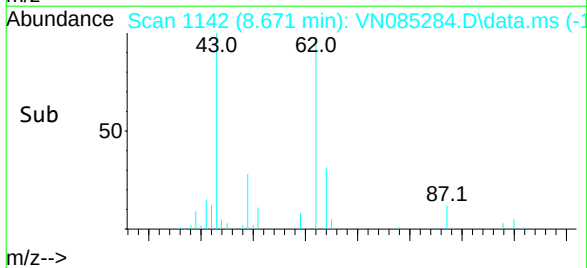
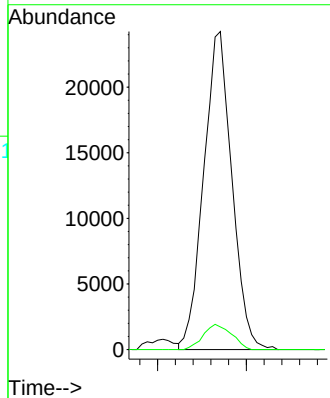
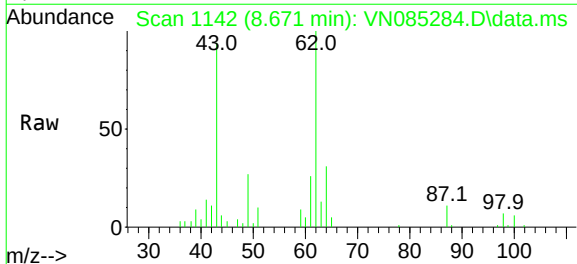
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

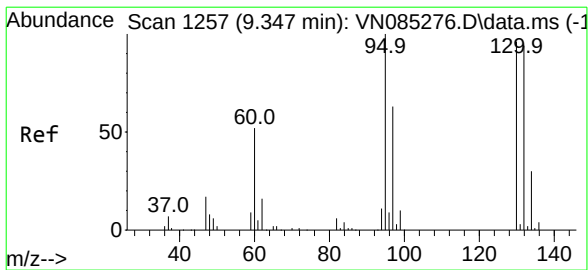
Tgt Ion:	41	Resp:	26899
Ion	Ratio	Lower	Upper
41	100		
39	60.6	26.7	80.0
67	63.1	32.5	97.5
52	28.9	13.3	39.9



#36
1,2-Dichloroethane
Concen: 17.974 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	62	Resp:	53465
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.6	10.0

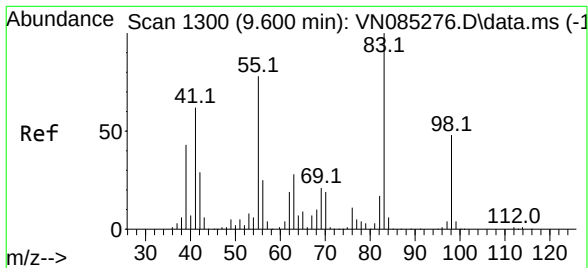
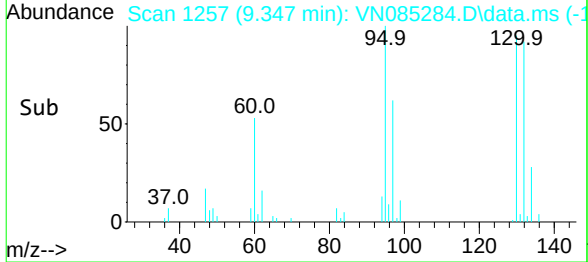
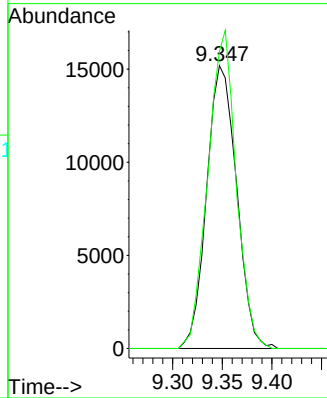
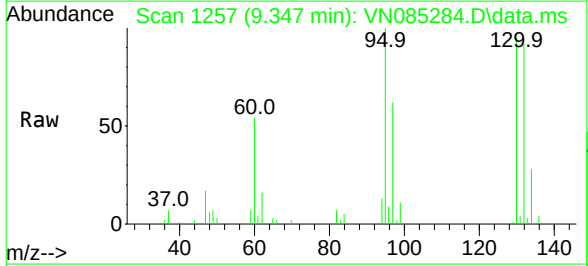




#37
Trichloroethene
Concen: 17.651 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

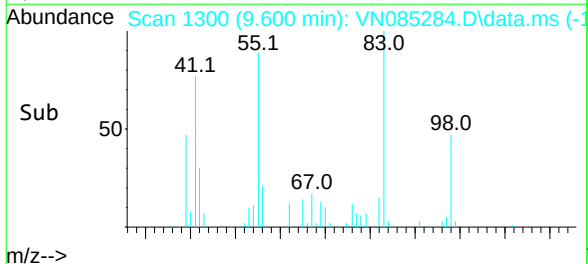
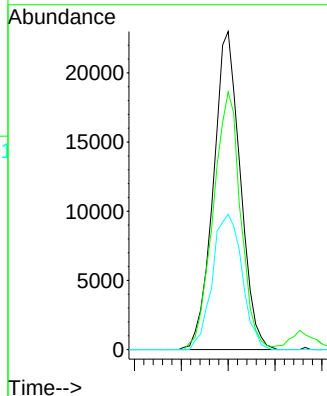
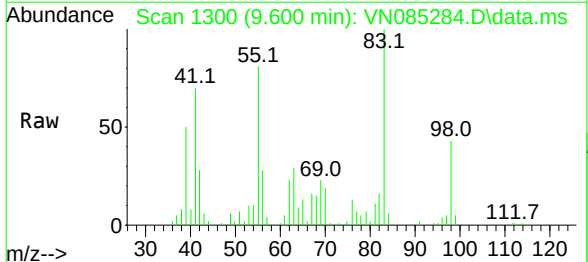
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

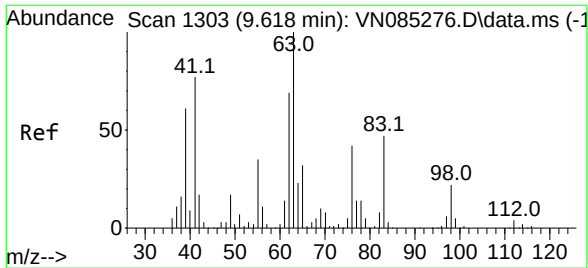
Tgt Ion:130 Resp: 31945
Ion Ratio Lower Upper
130 100
95 105.0 80.0 120.0



#38
Methylcyclohexane
Concen: 17.039 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 83 Resp: 45885
Ion Ratio Lower Upper
83 100
55 82.3 43.6 130.8
98 46.9 24.2 72.6

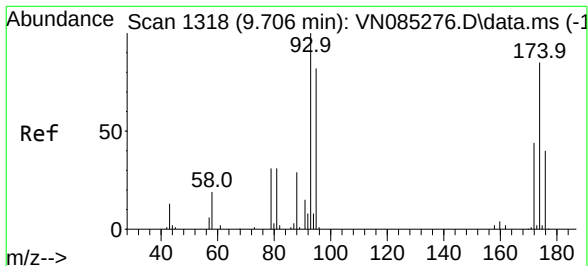
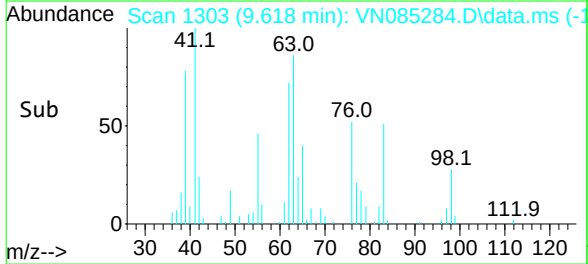
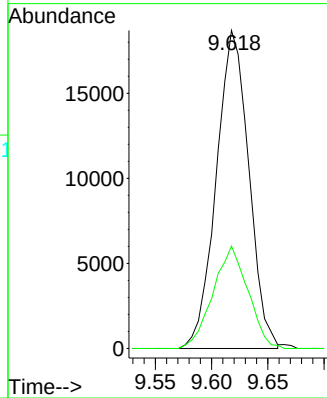
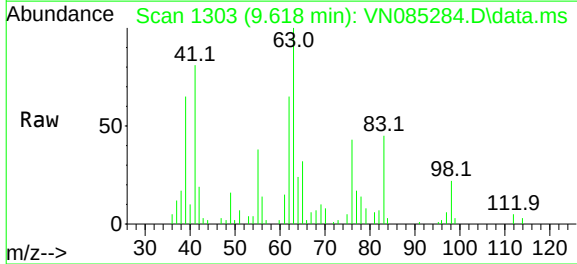




#39
1,2-Dichloropropane
Concen: 17.953 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

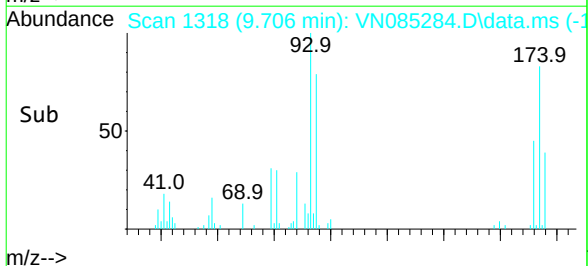
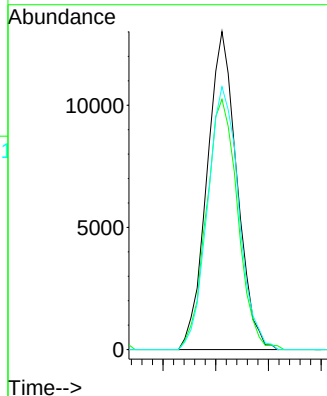
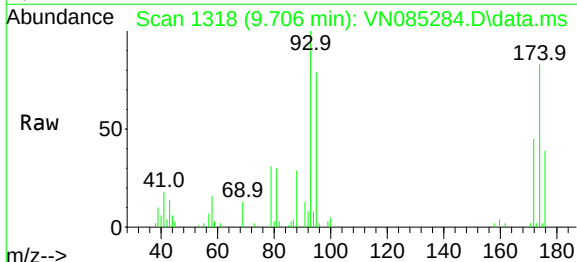
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

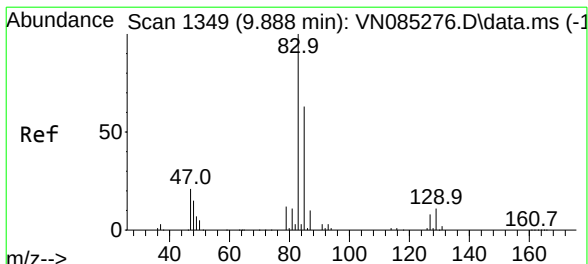
Tgt Ion: 63 Resp: 37572
Ion Ratio Lower Upper
63 100
65 32.2 26.1 39.1



#40
Dibromomethane
Concen: 17.637 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 93 Resp: 25735
Ion Ratio Lower Upper
93 100
95 81.7 0.0 167.6
174 85.9 0.0 171.0





#41

Bromodichloromethane

Concen: 17.782 ug/l

RT: 9.888 min Scan# 13

Delta R.T. 0.006 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

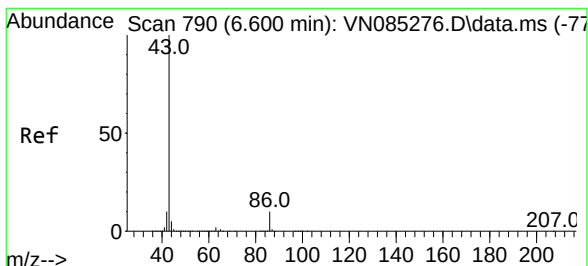
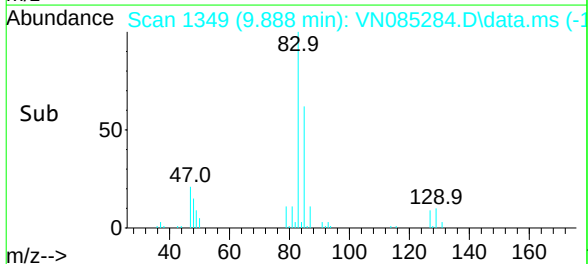
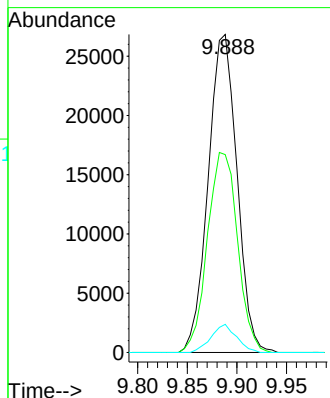
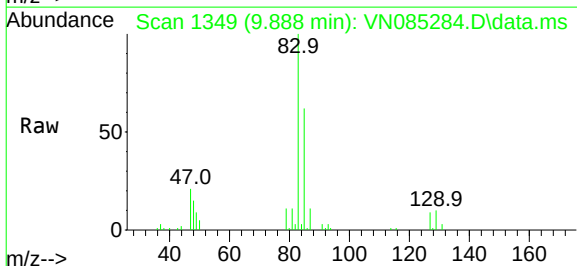
Tgt Ion: 83 Resp: 54224

Ion Ratio Lower Upper

83 100

85 62.2 50.1 75.1

127 8.8 5.8 8.6#



#42

Vinyl Acetate

Concen: 87.935 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.000 min

Lab File: VN085284.D

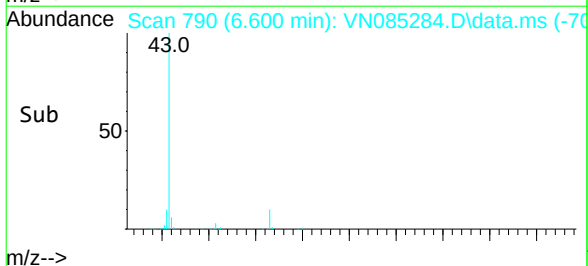
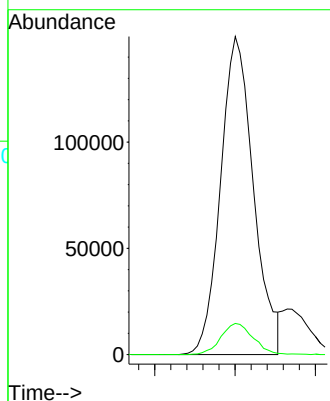
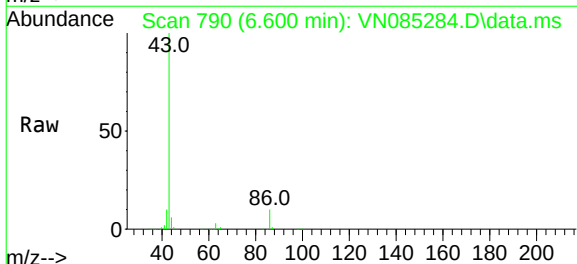
Acq: 20 Dec 2024 16:13

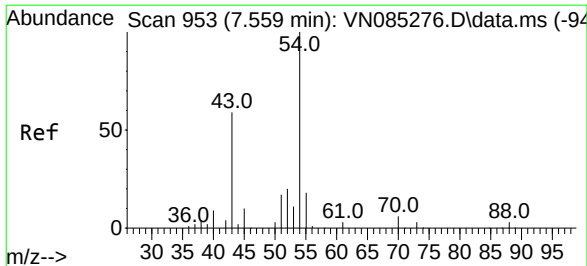
Tgt Ion: 43 Resp: 426381

Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9





#43

Ethyl Acetate

Concen: 15.624 ug/l

RT: 7.553 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

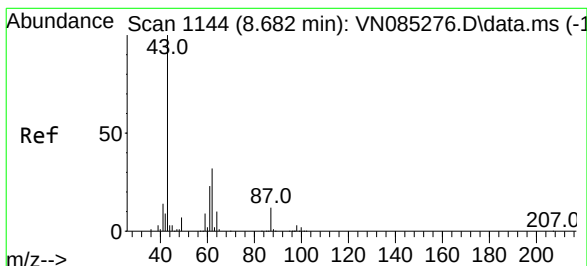
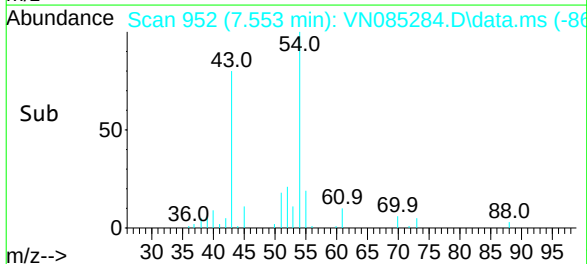
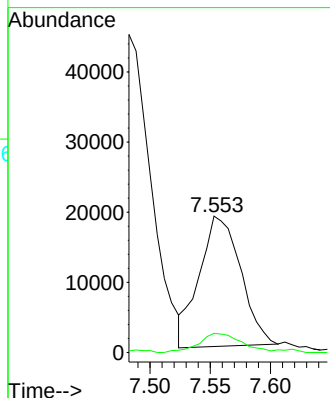
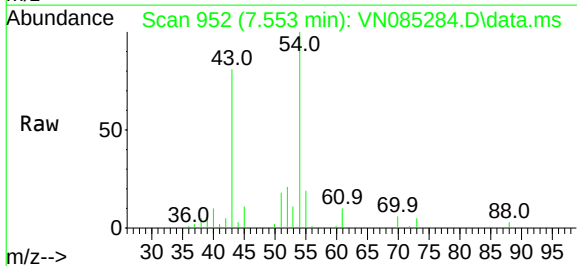
VSTDCCC020EC

Tgt Ion: 43 Resp: 44382

Ion Ratio Lower Upper

43 100

45 15.0 11.9 17.9



#44

Isopropyl Acetate

Concen: 17.896 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085284.D

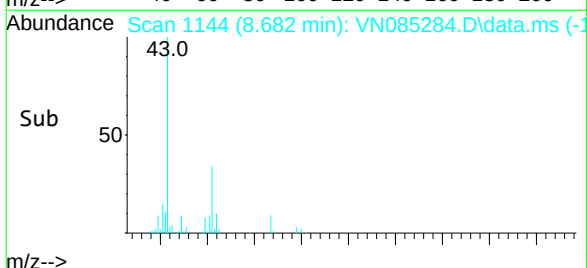
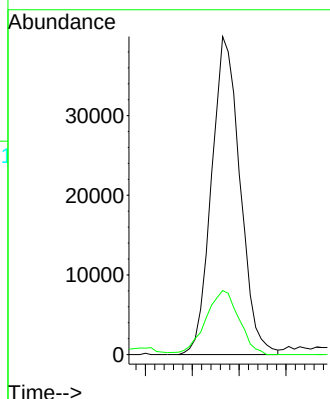
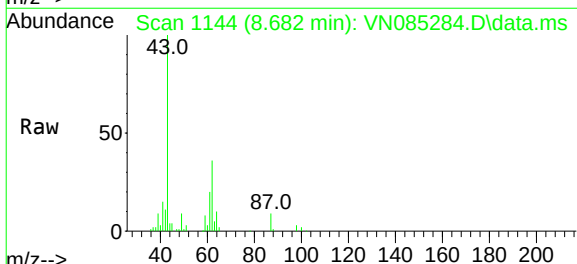
Acq: 20 Dec 2024 16:13

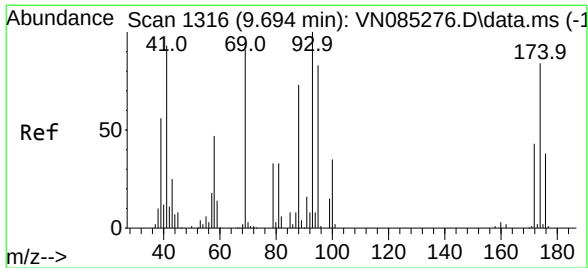
Tgt Ion: 43 Resp: 84453

Ion Ratio Lower Upper

43 100

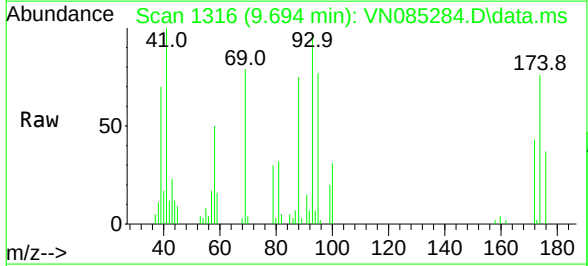
61 23.5 19.7 29.5



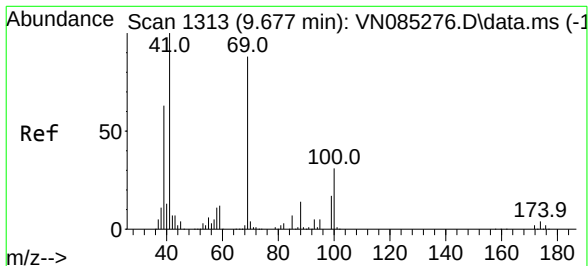
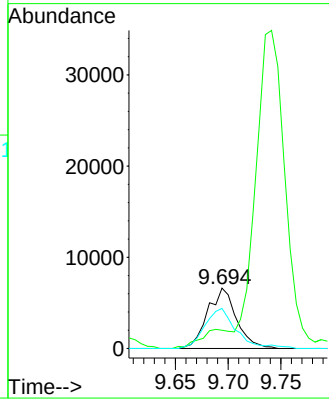
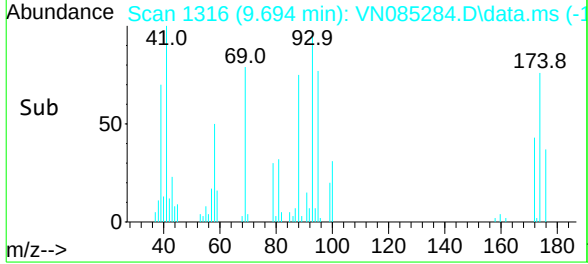


#45
1,4-Dioxane
Concen: 343.146 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

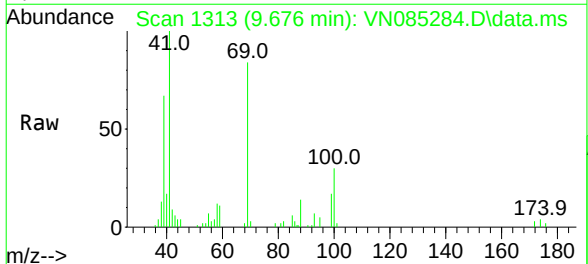
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



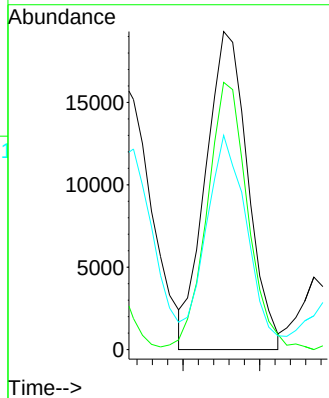
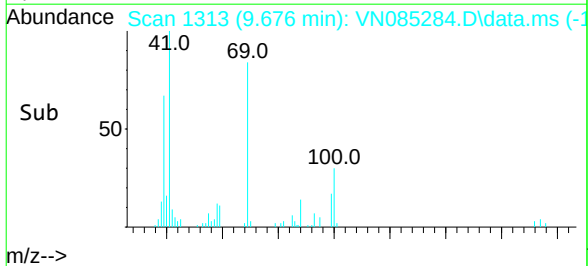
Tgt Ion: 88 Resp: 12595
Ion Ratio Lower Upper
88 100
43 36.2 25.4 38.2
58 70.0 58.5 87.7

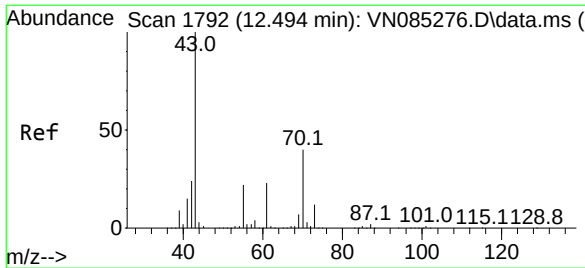


#46
Methyl methacrylate
Concen: 16.824 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13



Tgt Ion: 41 Resp: 36851
Ion Ratio Lower Upper
41 100
69 85.2 39.9 119.6
39 66.3 31.6 95.0

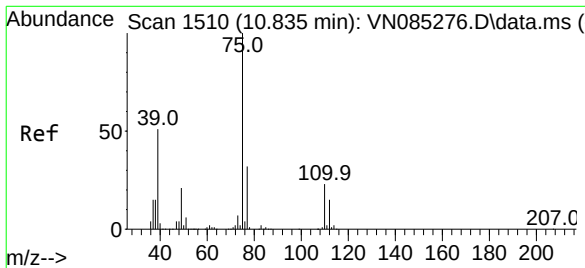
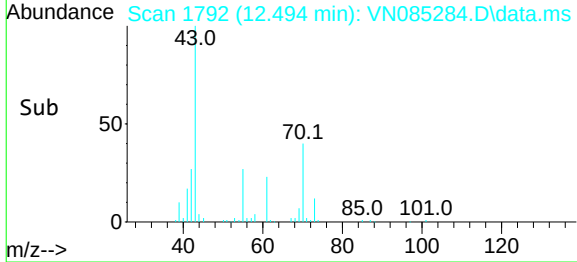
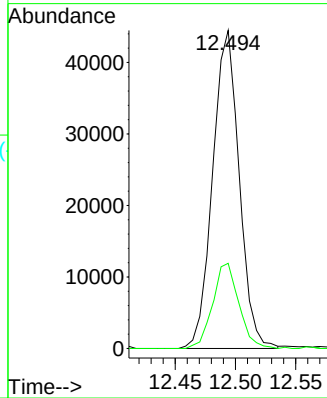
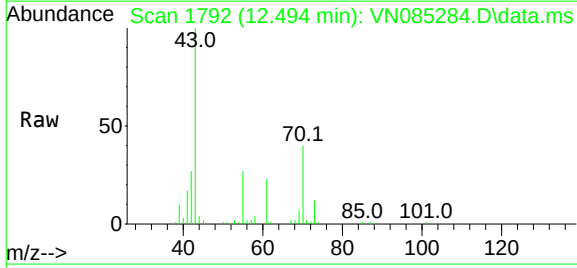




#47
n-amy1 Acetate
Concen: 16.937 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

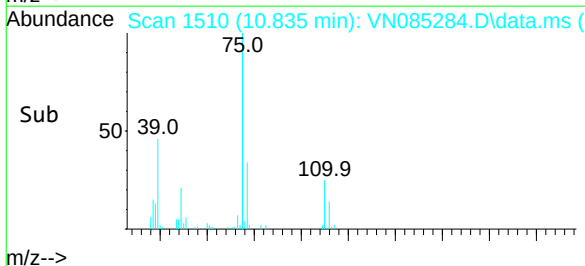
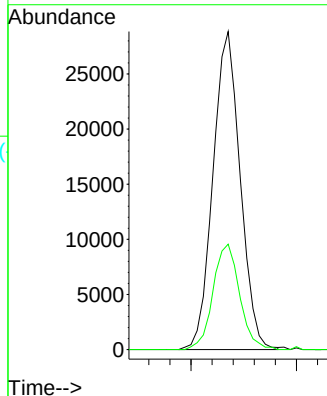
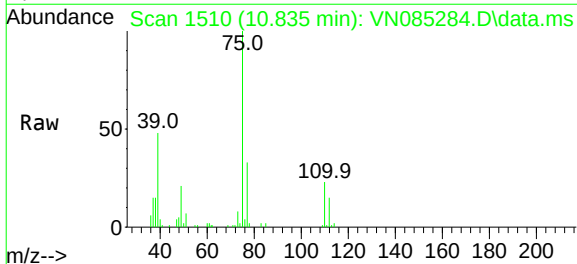
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

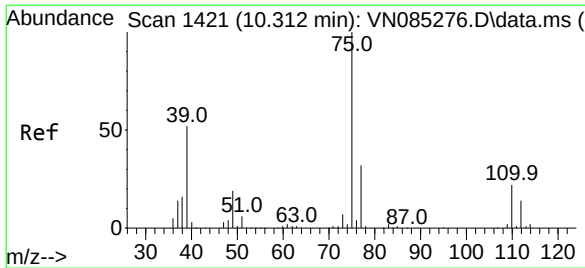
Tgt Ion: 43 Resp: 68086
Ion Ratio Lower Upper
43 100
55 26.4 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 17.160 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

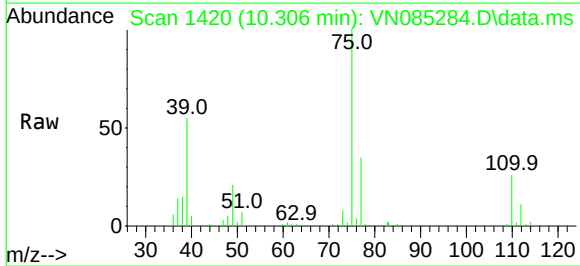
Tgt Ion: 75 Resp: 51688
Ion Ratio Lower Upper
75 100
77 33.1 23.8 35.6



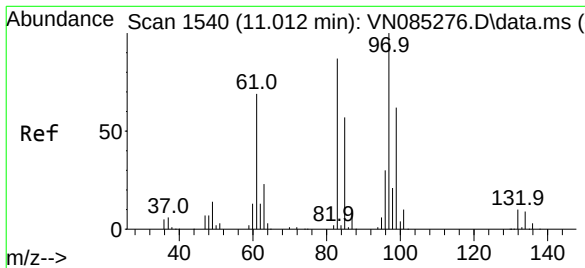
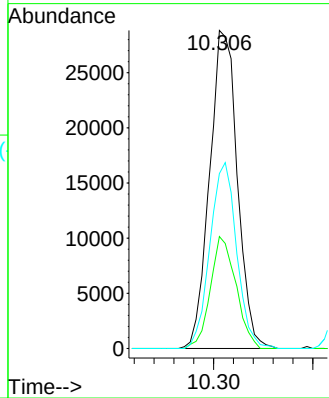
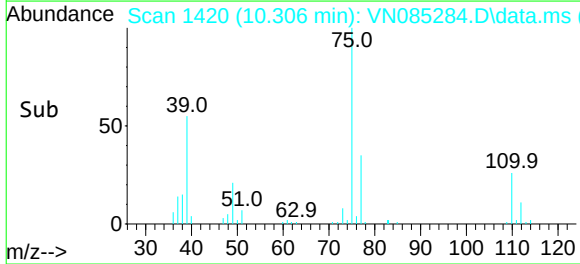


#49
cis-1,3-Dichloropropene
Concen: 17.299 ug/l
RT: 10.306 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

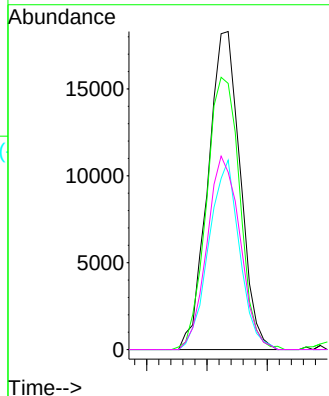
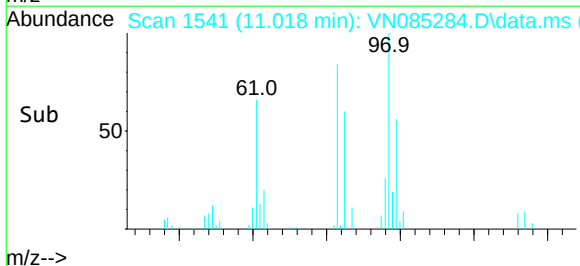
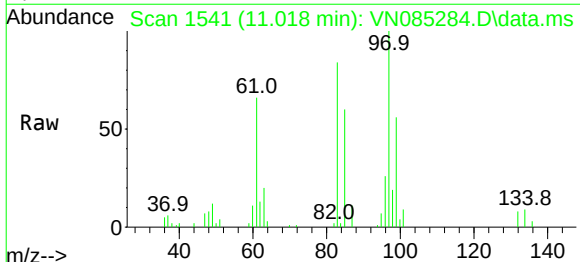


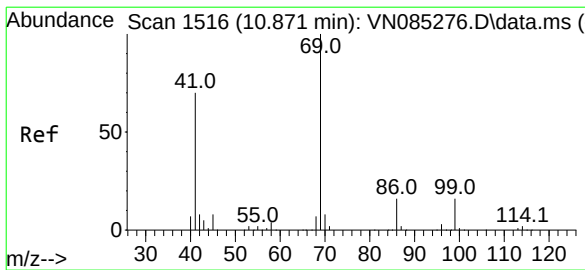
Tgt Ion:	75	Resp:	56017
Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.6	40.0
39	55.0	41.9	62.9



#50
1,1,2-Trichloroethane
Concen: 17.854 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	97	Resp:	34070
Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.2	108.2
85	59.6	46.6	70.0
99	55.8	51.4	77.0





#51

Ethyl methacrylate

Concen: 17.233 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

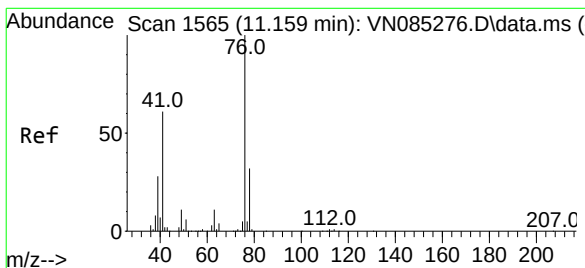
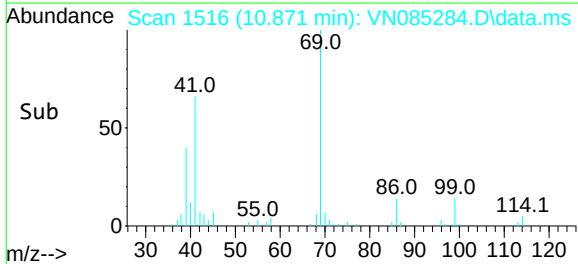
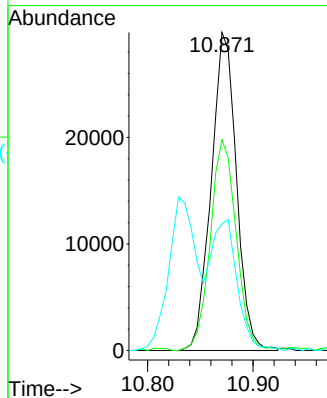
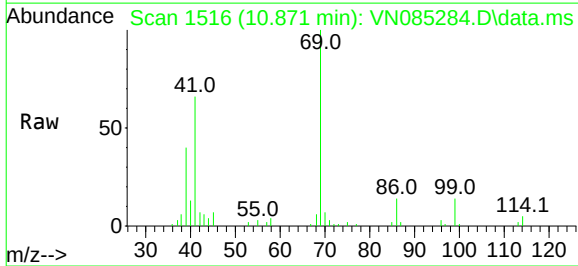
Tgt Ion: 69 Resp: 49740

Ion Ratio Lower Upper

69 100

41 66.3 38.1 114.5

39 39.1 24.1 72.2



#52

1,3-Dichloropropane

Concen: 17.546 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085284.D

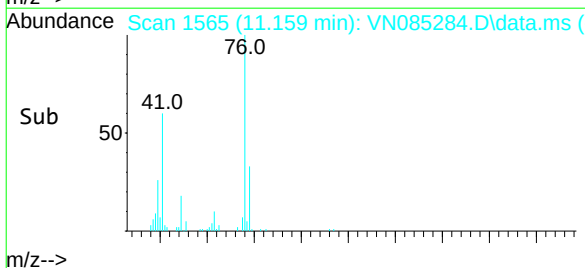
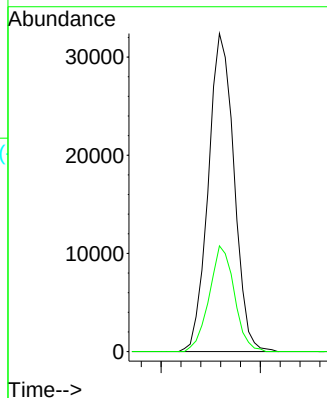
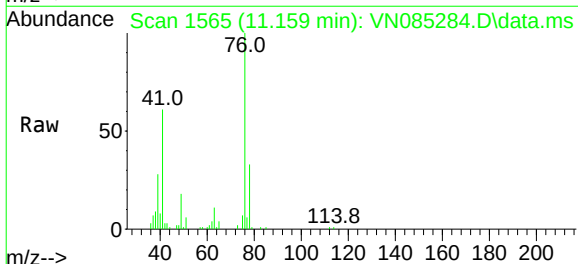
Acq: 20 Dec 2024 16:13

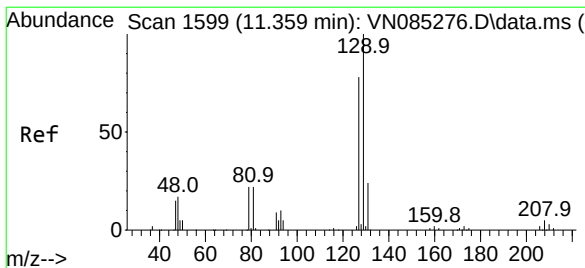
Tgt Ion: 76 Resp: 58448

Ion Ratio Lower Upper

76 100

78 32.4 0.0 66.2





#53

Dibromochloromethane

Concen: 17.079 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

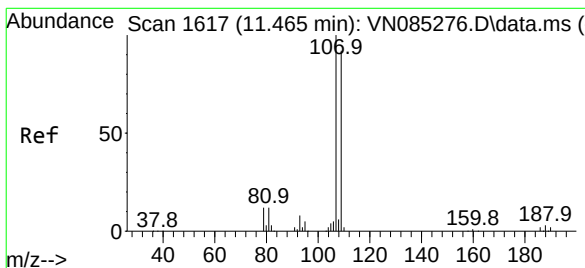
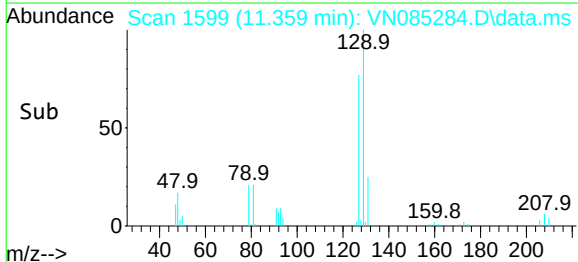
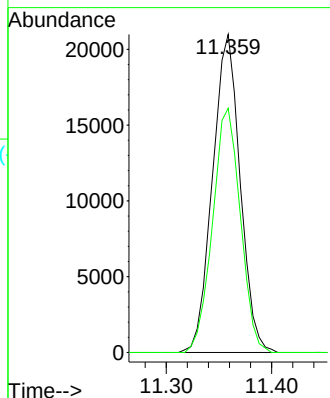
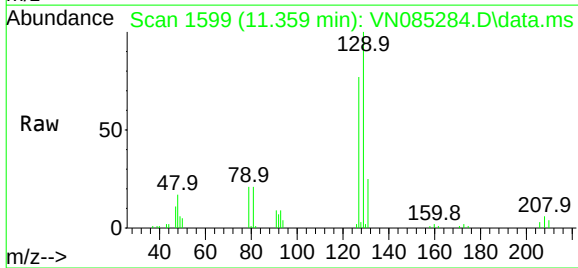
VSTDCCC020EC

Tgt Ion:129 Resp: 38190

Ion Ratio Lower Upper

129 100

127 77.2 38.1 114.3



#54

1,2-Dibromoethane

Concen: 17.794 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085284.D

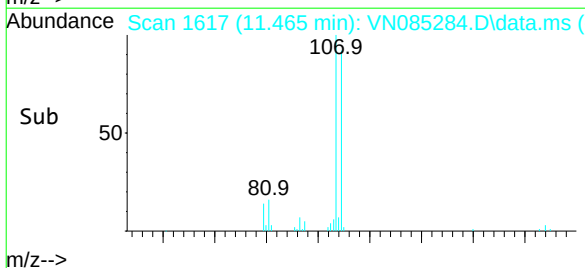
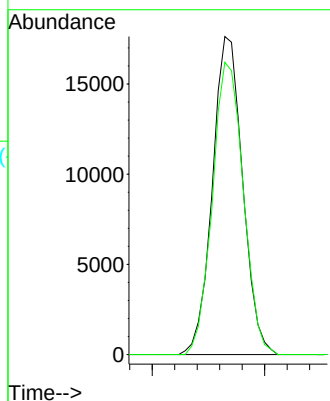
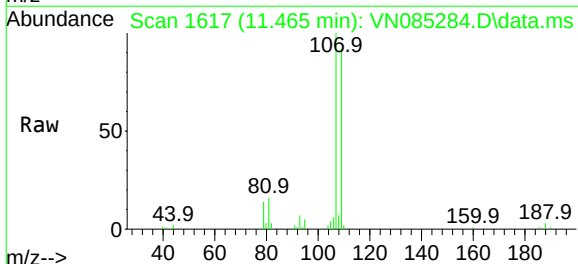
Acq: 20 Dec 2024 16:13

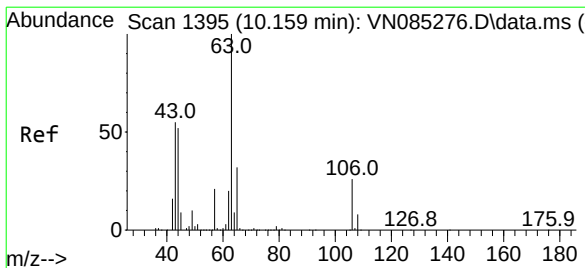
Tgt Ion:107 Resp: 32861

Ion Ratio Lower Upper

107 100

109 94.0 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 84.465 ug/l

RT: 10.159 min Scan# 13

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

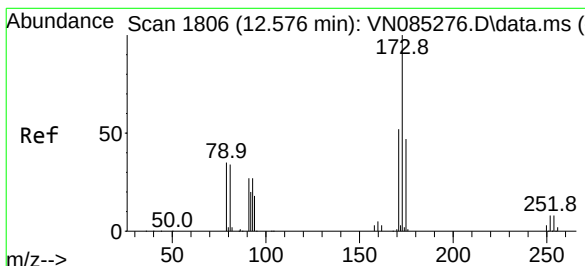
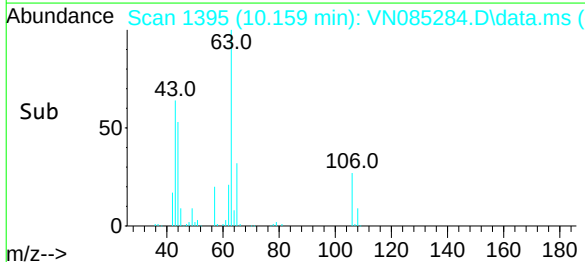
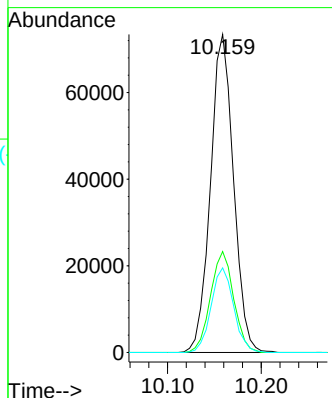
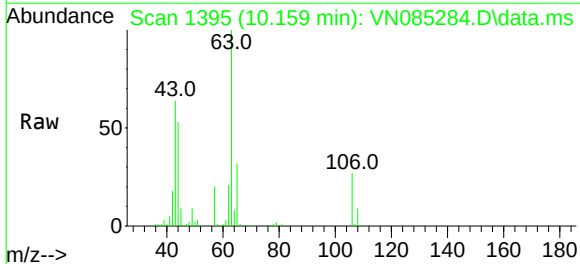
Tgt Ion: 63 Resp: 125577

Ion Ratio Lower Upper

63 100

65 31.9 25.9 38.9

106 26.1 21.2 31.8



#56

Bromoform

Concen: 16.594 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

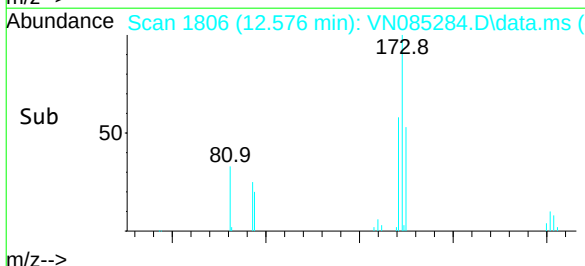
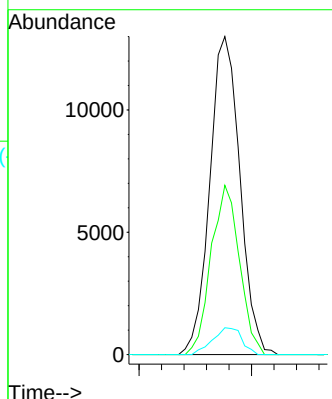
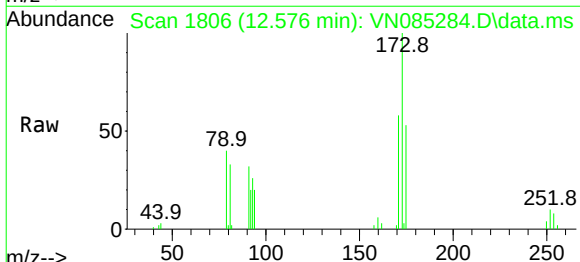
Tgt Ion: 173 Resp: 24206

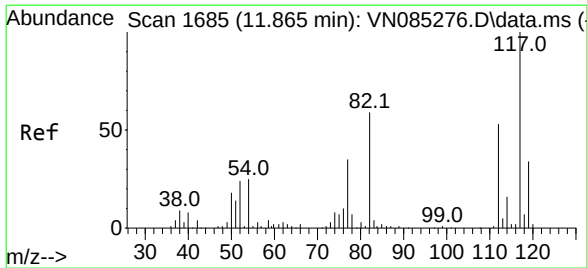
Ion Ratio Lower Upper

173 100

175 50.1 39.4 59.2

254 8.2 7.2 10.8

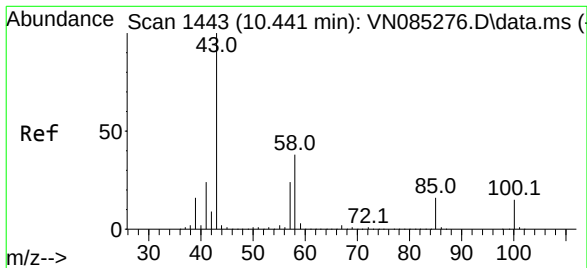
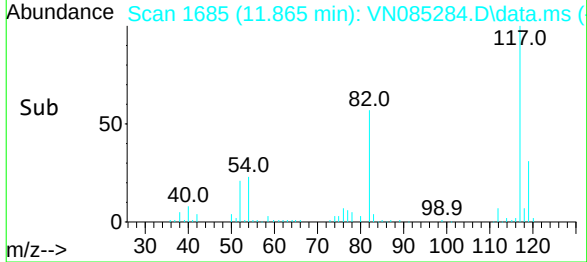
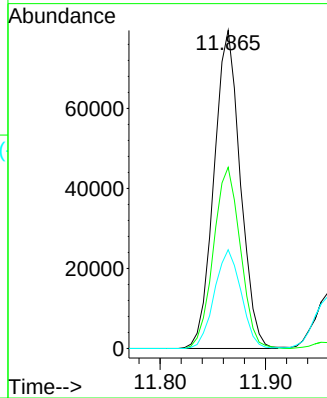
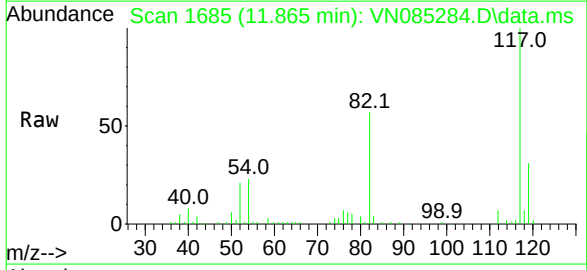




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

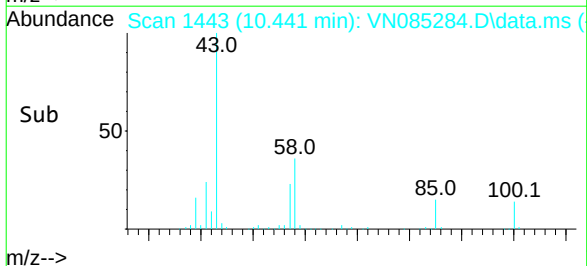
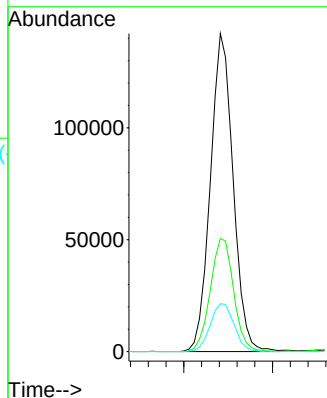
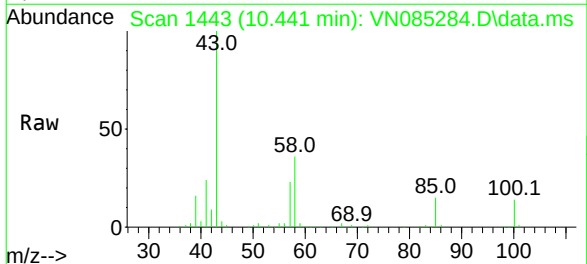
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

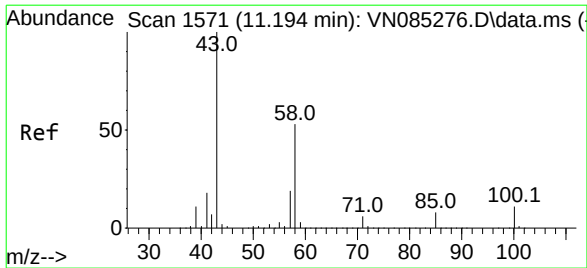
Tgt Ion:117 Resp: 138063
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 31.5 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 90.315 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 43 Resp: 252780
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8
85 15.8 12.8 19.2





#59

2-Hexanone

Concen: 88.320 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

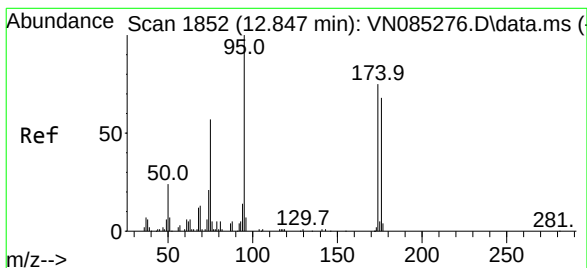
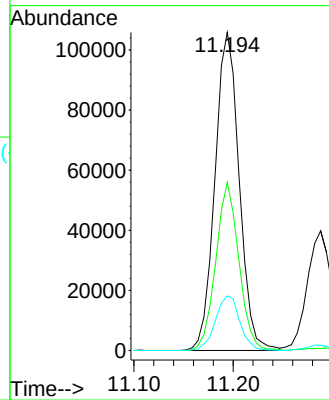
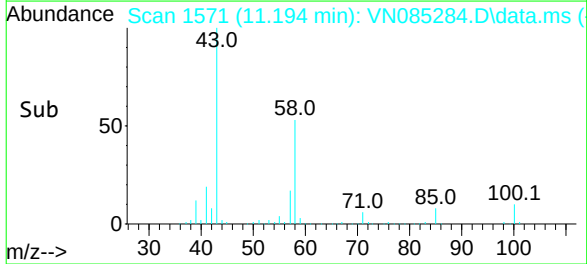
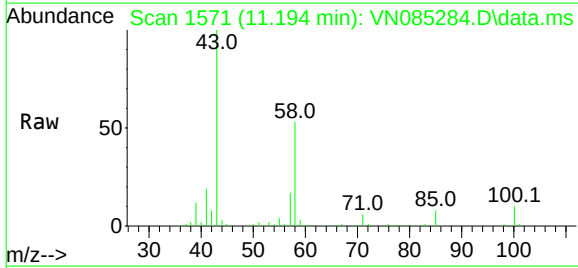
Tgt Ion: 43 Resp: 179578

Ion Ratio Lower Upper

43 100

58 50.2 40.2 60.4

57 17.3 14.2 21.4



#60

4-Bromofluorobenzene

Concen: 30.294 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

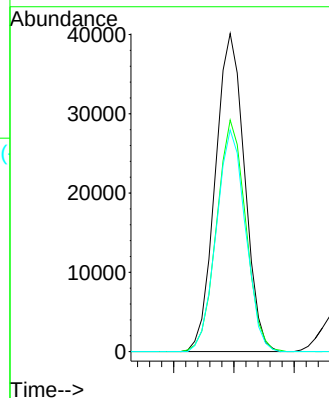
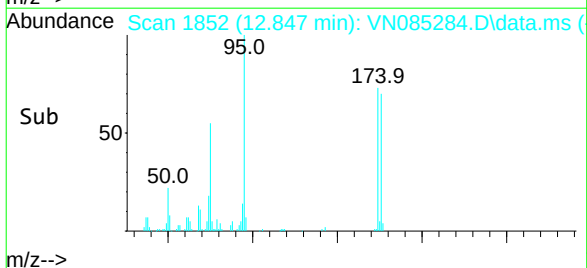
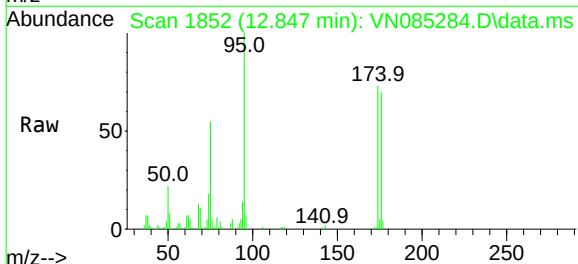
Tgt Ion: 95 Resp: 67750

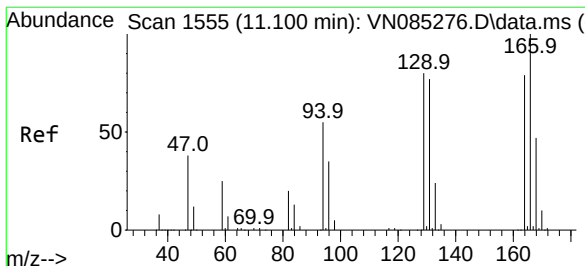
Ion Ratio Lower Upper

95 100

174 72.3 57.8 86.8

176 69.4 57.1 85.7





#61

Tetrachloroethene

Concen: 18.399 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN085284.D

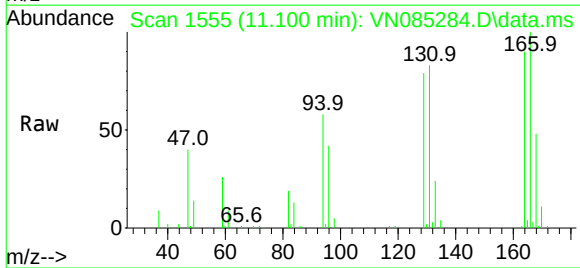
Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:164 Resp: 28358

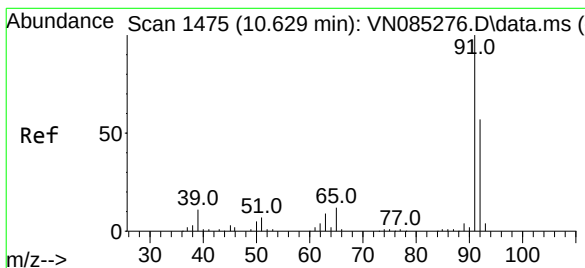
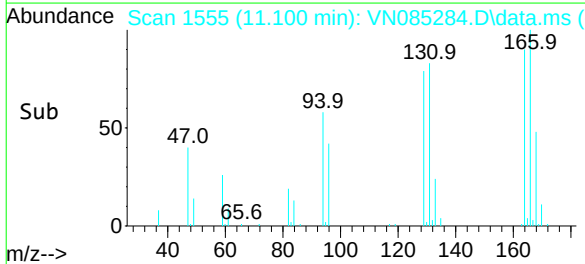
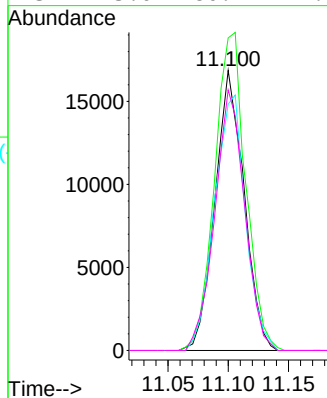
Ion Ratio Lower Upper

164 100

166 111.6 109.0 163.4

129 87.9 85.1 127.7

131 93.0 80.7 121.1



#62

Toluene

Concen: 18.248 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN085284.D

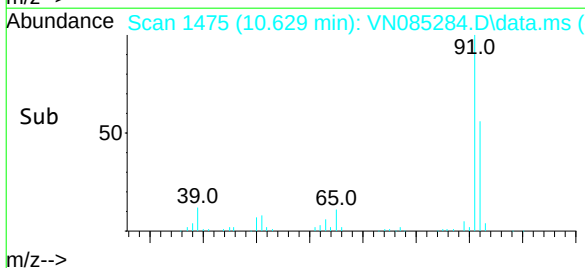
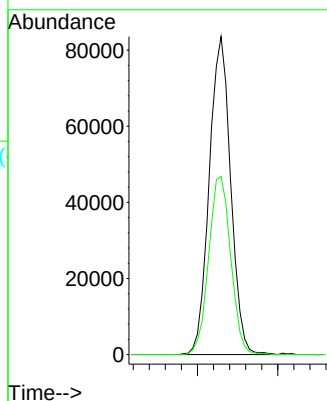
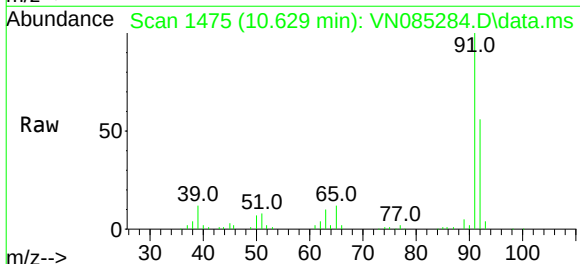
Acq: 20 Dec 2024 16:13

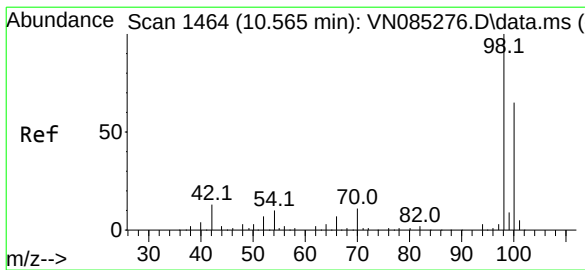
Tgt Ion: 91 Resp: 154783

Ion Ratio Lower Upper

91 100

92 57.6 45.9 68.9





#63

Toluene-d8

Concen: 29.816 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

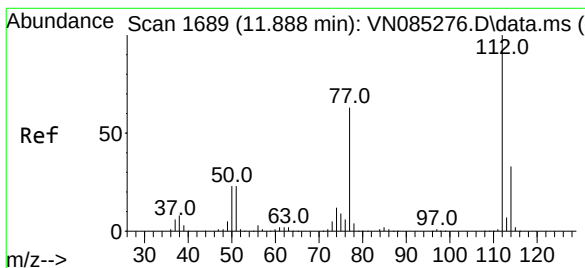
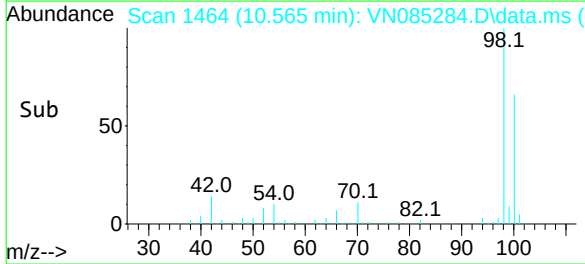
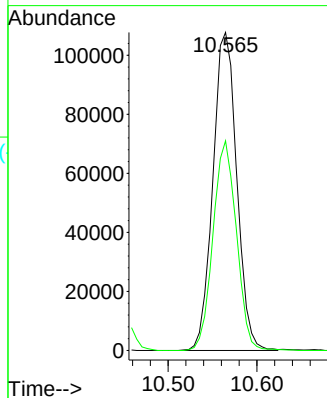
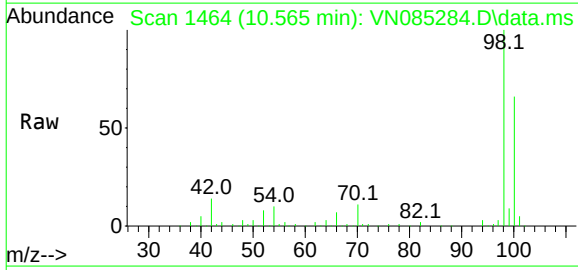
VSTDC0020EC

Tgt Ion: 98 Resp: 201005

Ion Ratio Lower Upper

98 100

100 64.8 50.8 76.2



#64

Chlorobenzene

Concen: 18.056 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085284.D

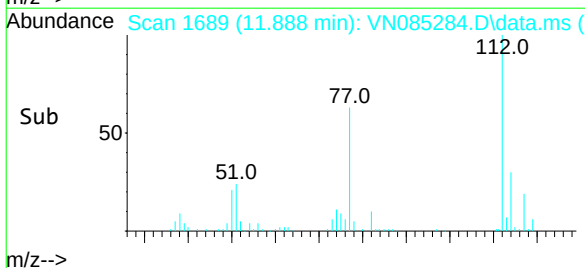
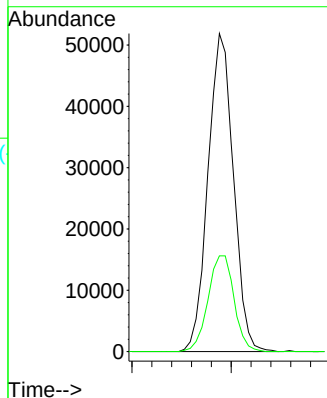
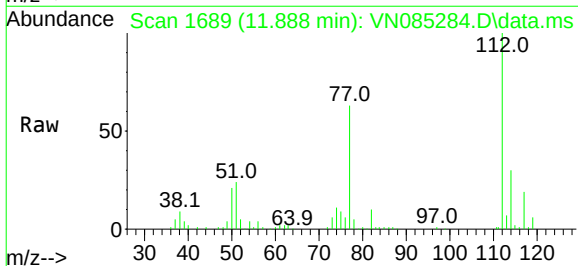
Acq: 20 Dec 2024 16:13

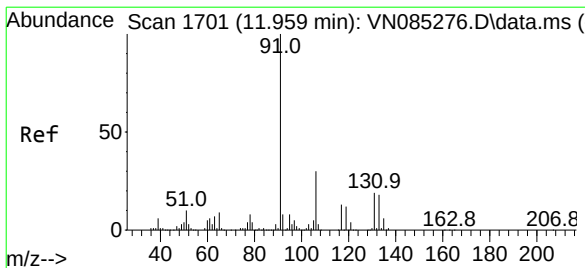
Tgt Ion: 112 Resp: 92367

Ion Ratio Lower Upper

112 100

114 30.1 26.4 39.6

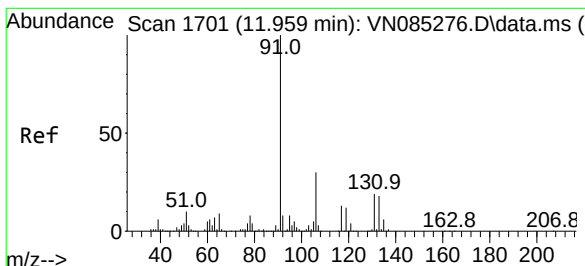
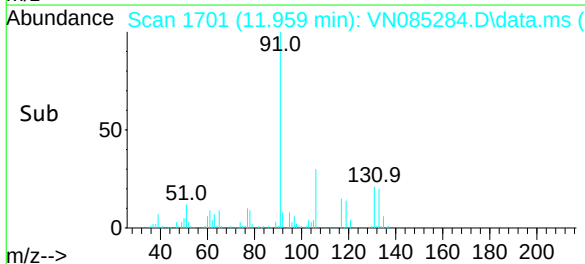
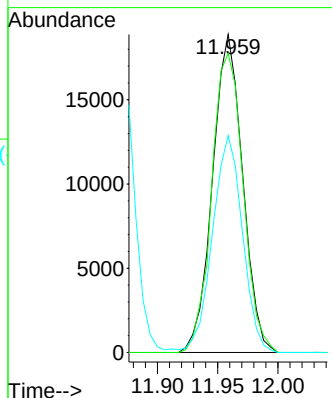
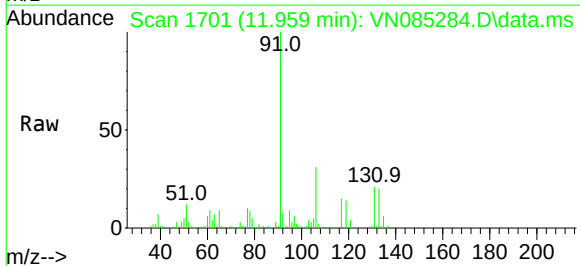




#65
1,1,1,2-Tetrachloroethane
Concen: 17.692 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

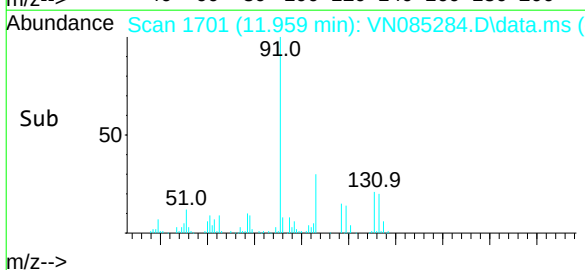
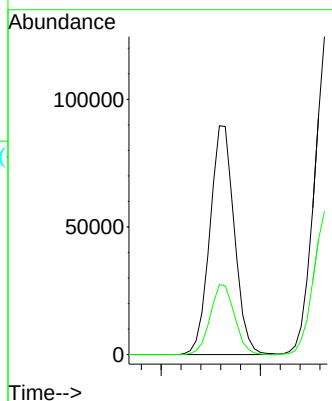
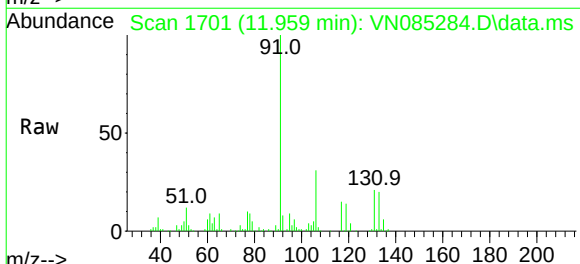
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

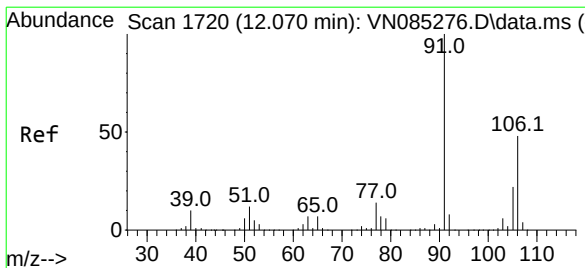
Tgt Ion: 131 Resp: 32823
Ion Ratio Lower Upper
131 100
133 98.0 0.0 189.4
119 67.8 0.0 135.0



#66
Ethyl Benzene
Concen: 17.254 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion: 91 Resp: 153995
Ion Ratio Lower Upper
91 100
106 30.6 23.2 34.8

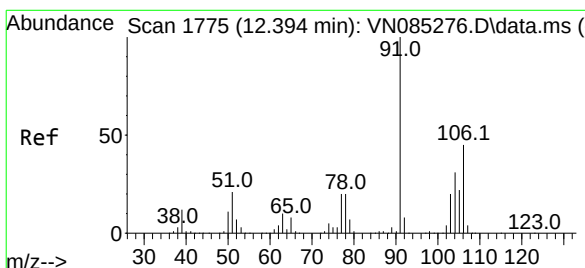
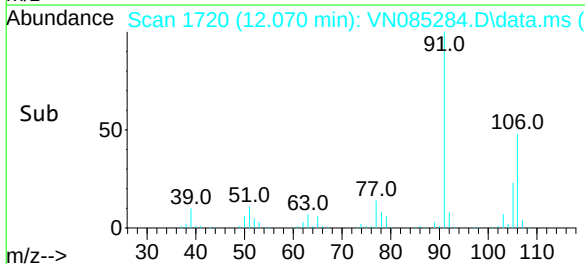
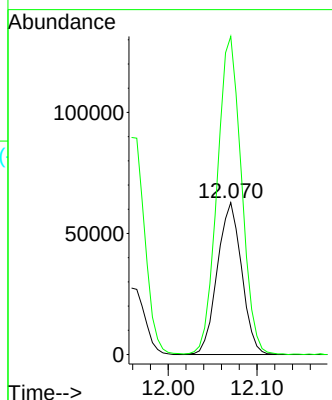
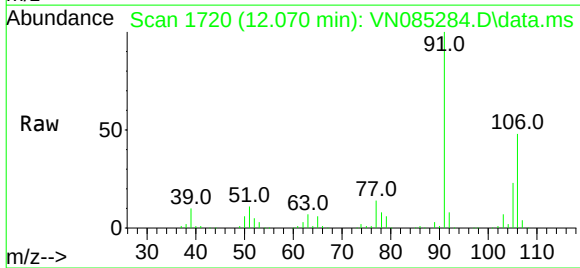




#67
m/p-Xylenes
Concen: 35.567 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

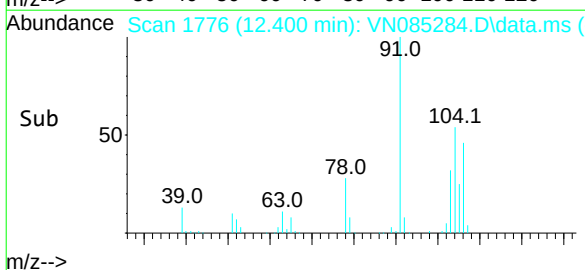
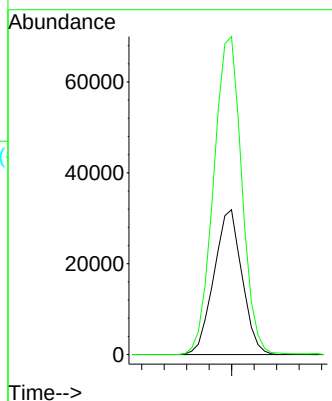
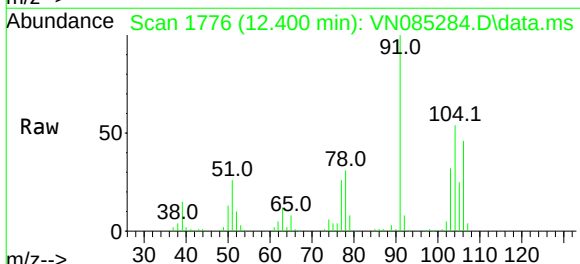
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

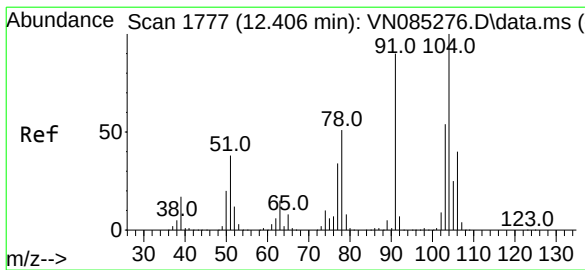
Tgt Ion:106 Resp: 119088
Ion Ratio Lower Upper
106 100
91 209.5 167.0 250.4



#68
o-Xylene
Concen: 17.370 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:106 Resp: 55397
Ion Ratio Lower Upper
106 100
91 220.4 110.6 331.8





#69

Styrene

Concen: 17.242 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

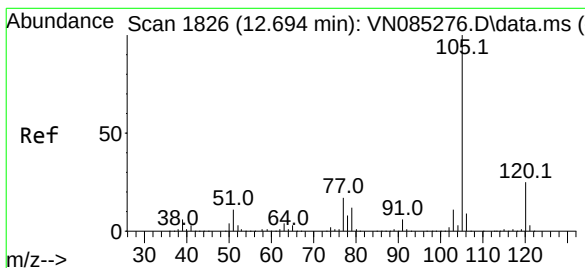
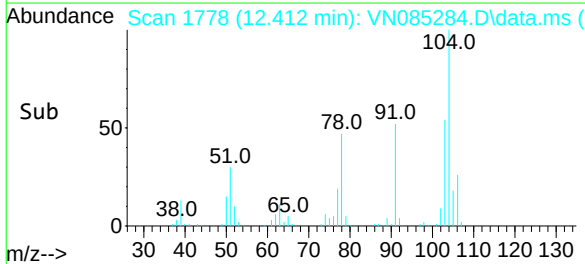
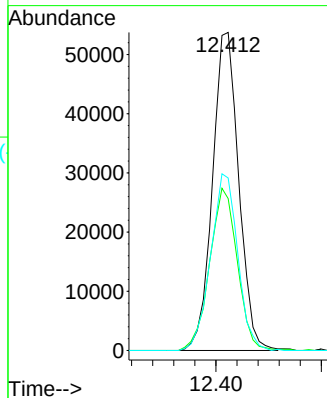
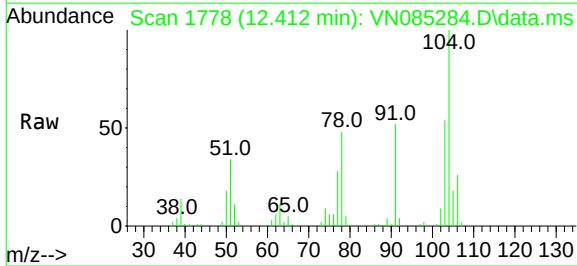
Tgt Ion:104 Resp: 92932

Ion Ratio Lower Upper

104 100

78 53.5 41.0 61.4

103 57.2 44.8 67.2



#70

Isopropylbenzene

Concen: 17.717 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085284.D

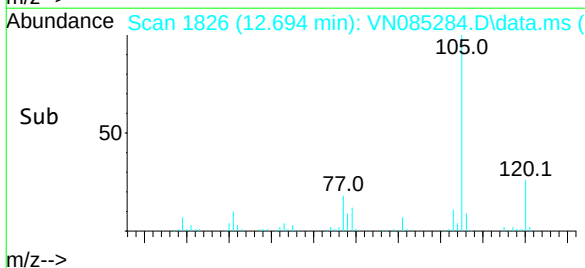
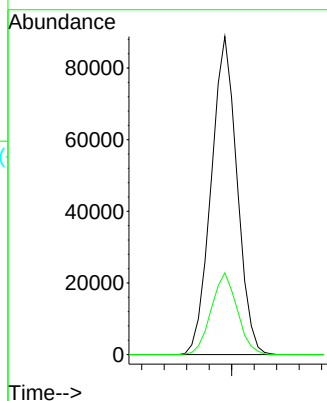
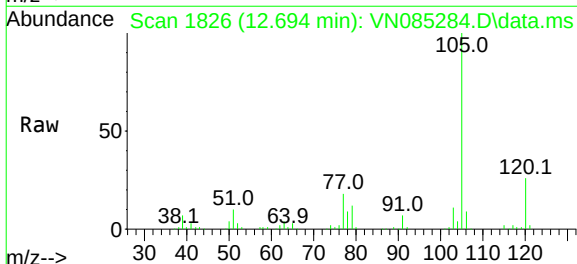
Acq: 20 Dec 2024 16:13

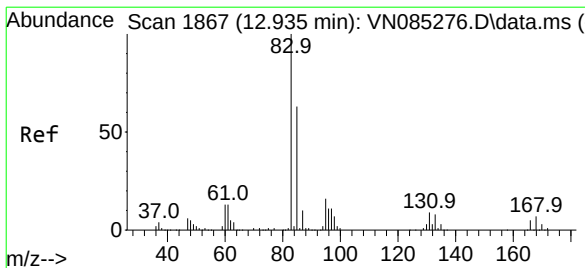
Tgt Ion:105 Resp: 141886

Ion Ratio Lower Upper

105 100

120 25.8 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 17.775 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

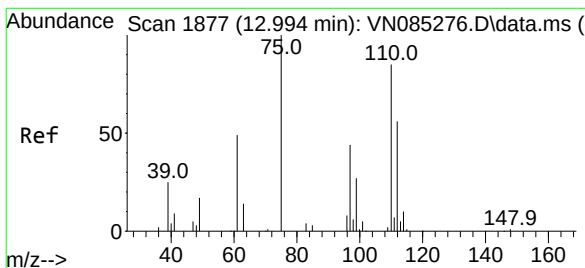
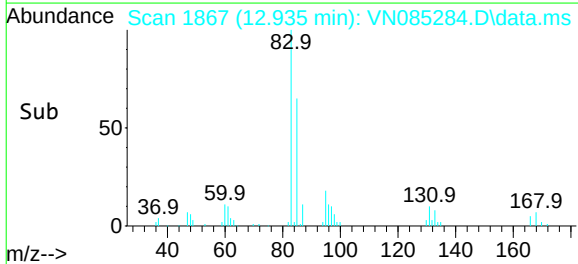
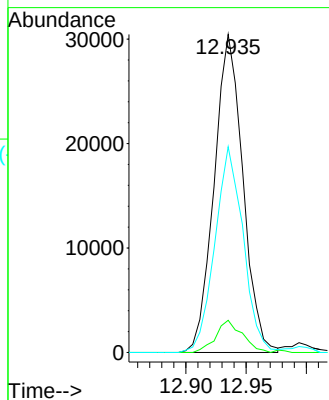
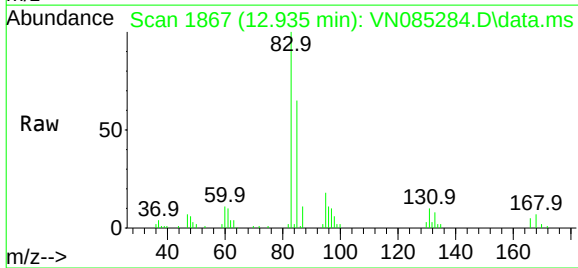
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	83	Resp:	50486
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	15.0
85	63.7	33.0	98.9



#72

1,2,3-Trichloropropane

Concen: 18.954 ug/l m

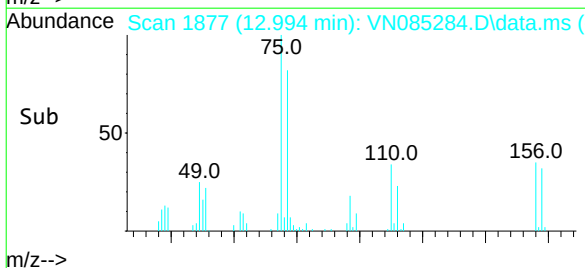
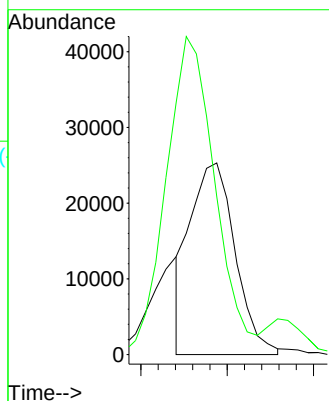
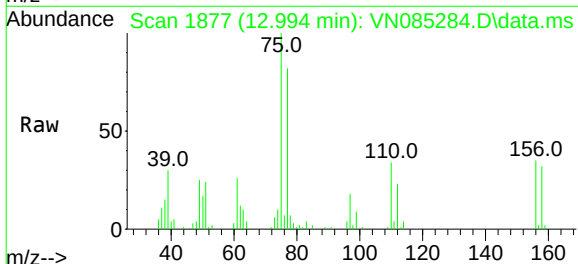
RT: 12.994 min Scan# 1877

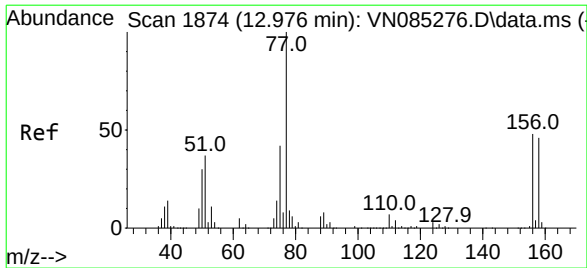
Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Tgt Ion:	75	Resp:	45821
Ion	Ratio	Lower	Upper
75	100		
77	180.3	0.0	407.2





#73

Bromobenzene

Concen: 17.422 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

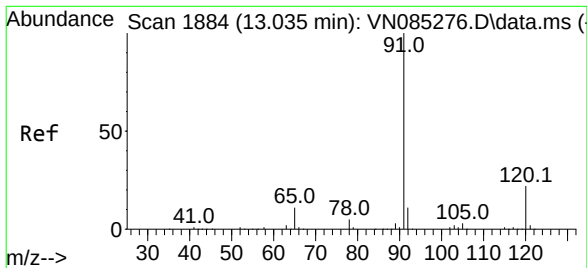
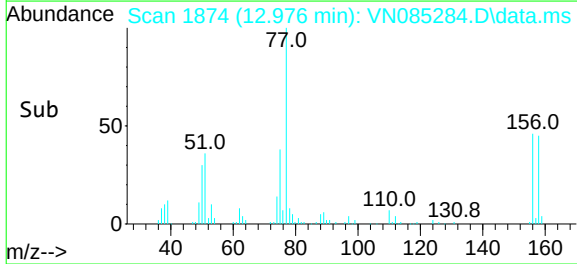
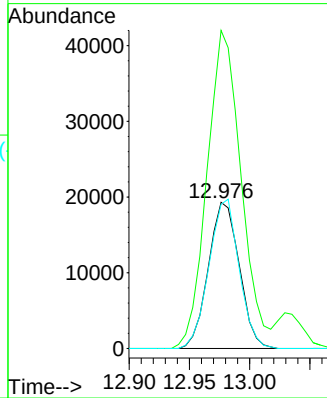
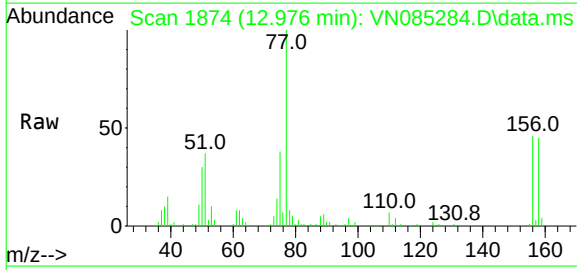
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	156	Resp:	34469
Ion Ratio	Lower	Upper	
156	100		
77	239.7	0.0	462.6
158	99.5	0.0	186.4



#74

n-propylbenzene

Concen: 17.507 ug/l

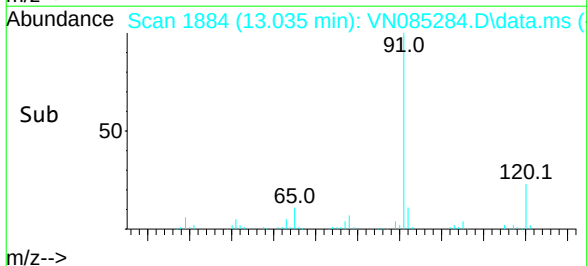
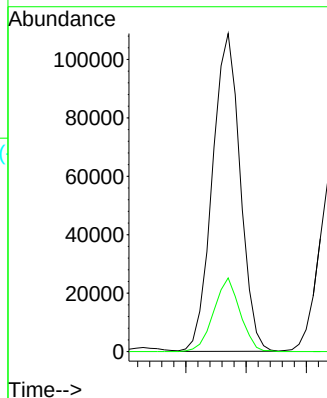
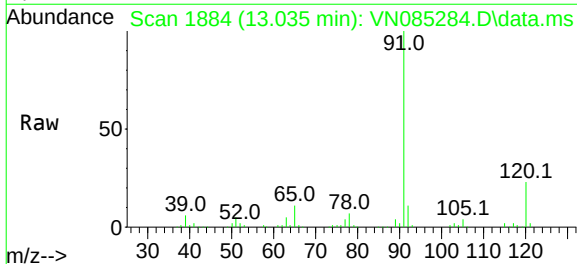
RT: 13.035 min Scan# 1884

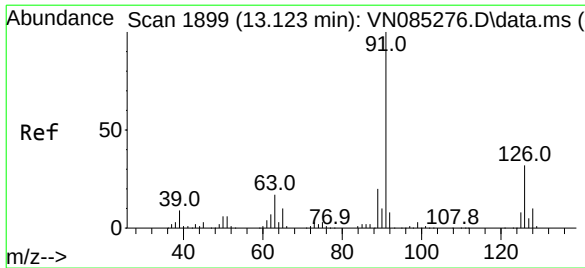
Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Tgt Ion:	91	Resp:	174672
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	41.4





#75

2-Chlorotoluene

Concen: 18.109 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

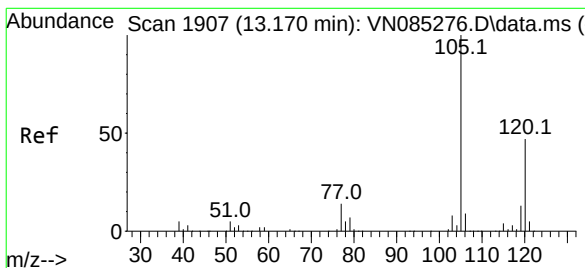
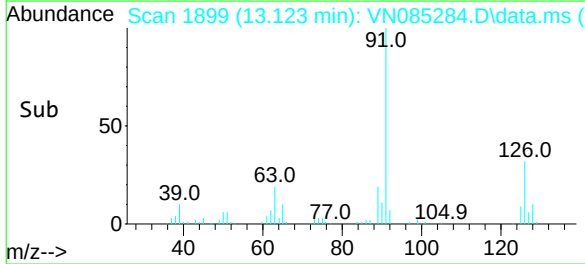
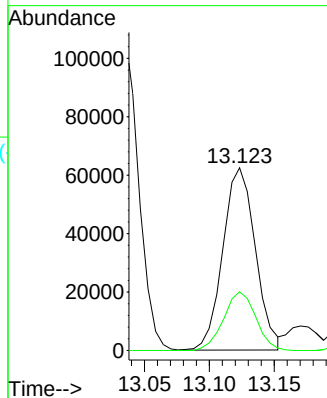
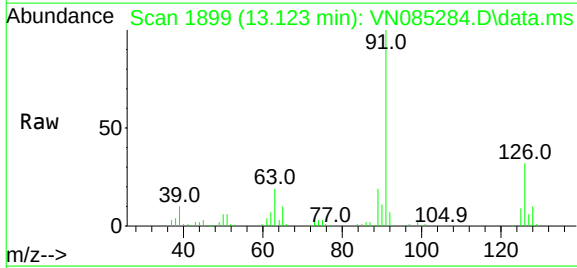
VSTDCCC020EC

Tgt Ion: 91 Resp: 108839

Ion Ratio Lower Upper

91 100

126 31.8 0.0 65.0



#76

1,3,5-Trimethylbenzene

Concen: 17.907 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085284.D

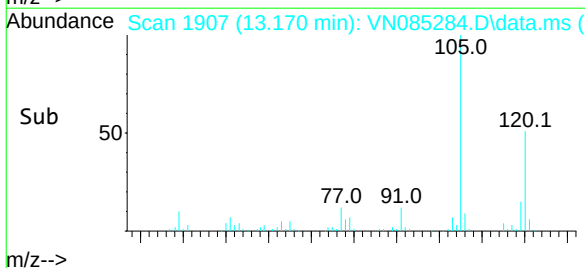
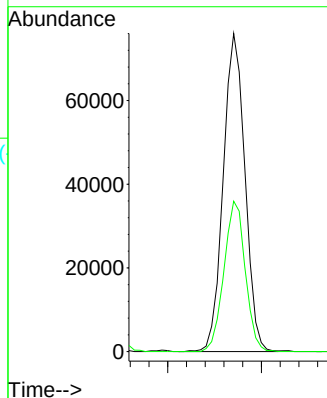
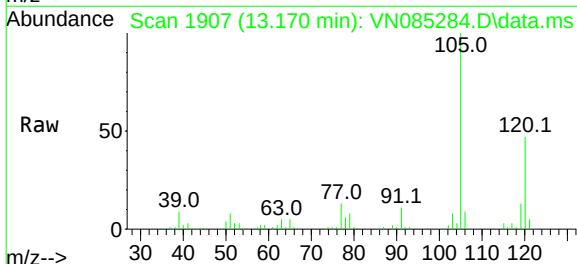
Acq: 20 Dec 2024 16:13

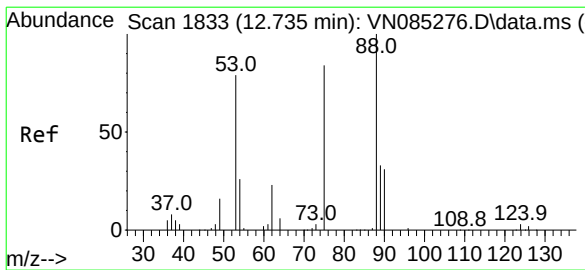
Tgt Ion:105 Resp: 122361

Ion Ratio Lower Upper

105 100

120 46.4 0.0 95.0

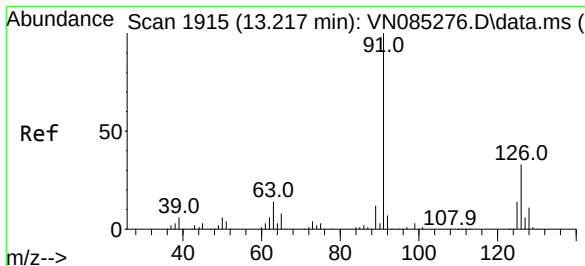
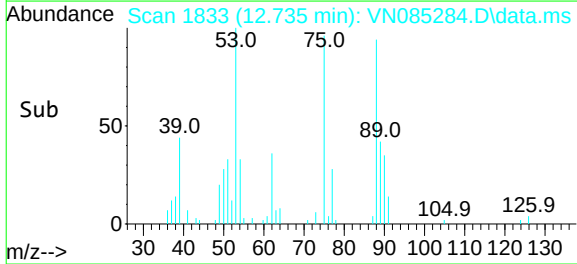
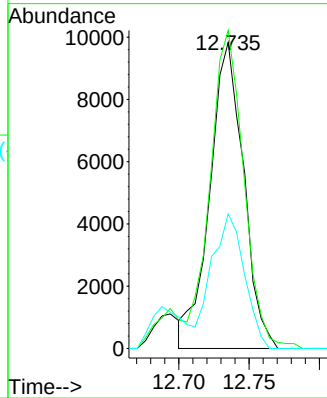
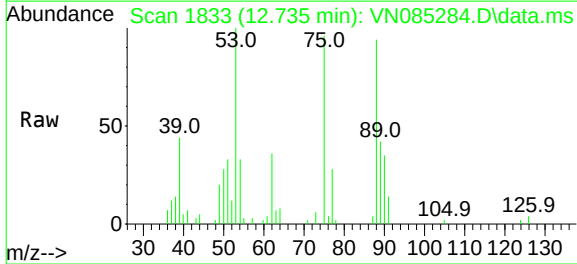




#77
t-1,4-Dichloro-2-butene
Concen: 16.584 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

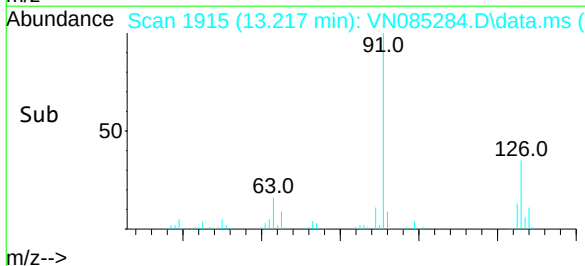
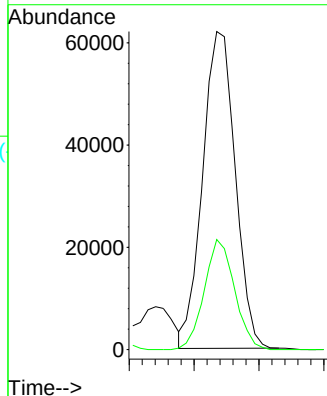
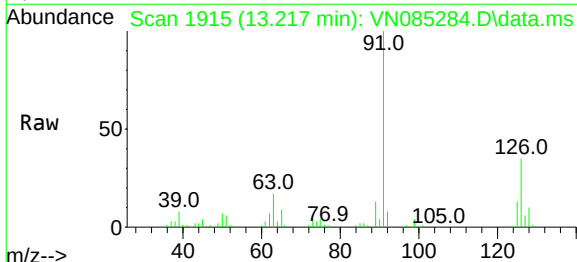
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

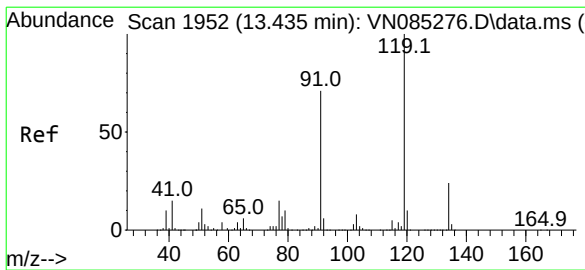
Tgt Ion:	75	Resp:	16384
Ion	Ratio	Lower	Upper
75	100		
53	101.9	54.9	164.5
89	44.0	22.8	68.3



#78
4-Chlorotoluene
Concen: 17.686 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	91	Resp:	108080
Ion	Ratio	Lower	Upper
91	100		
126	32.3	0.0	63.6

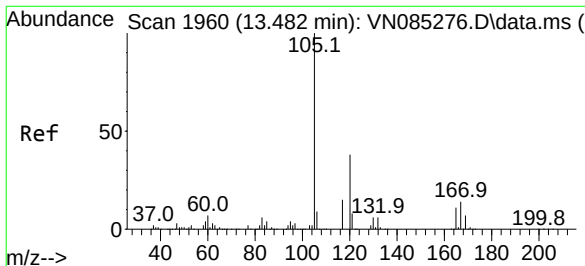
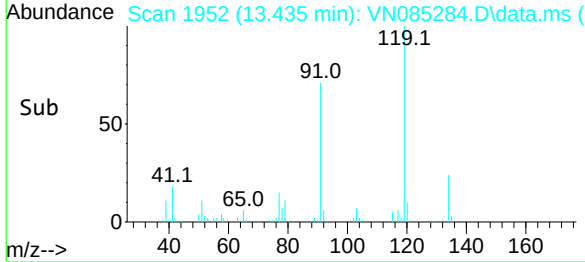
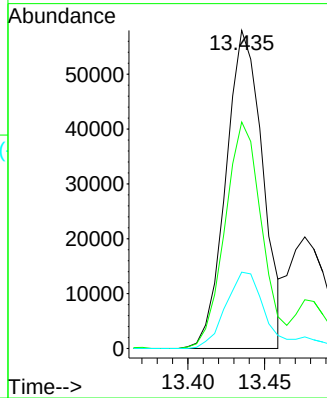
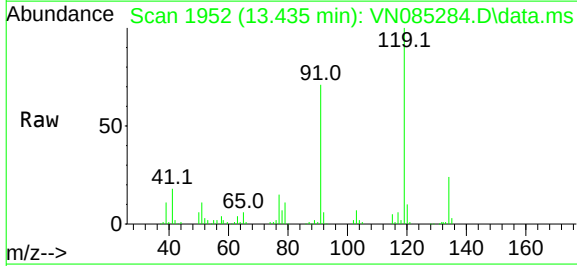




#79
tert-butylbenzene
Concen: 17.330 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

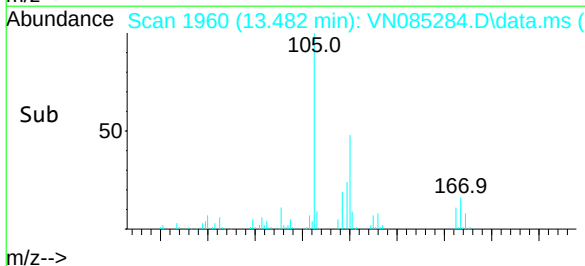
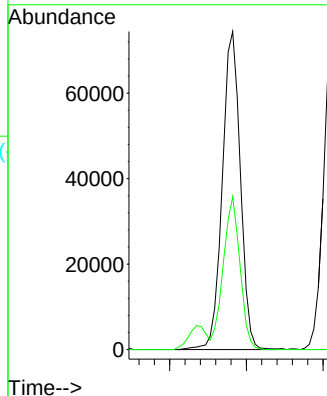
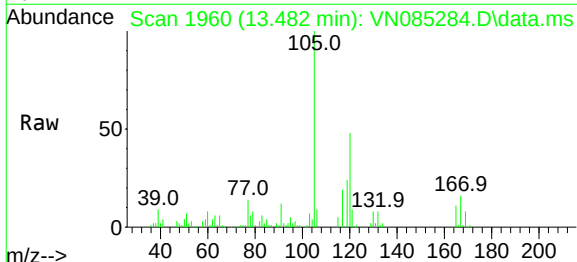
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

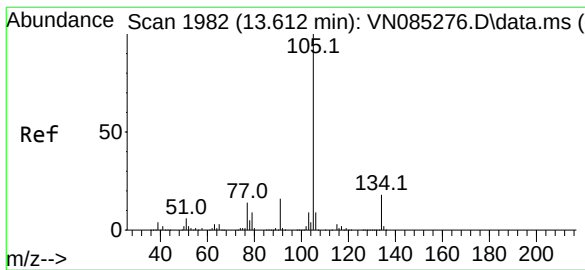
Tgt Ion:119 Resp: 96848
Ion Ratio Lower Upper
119 100
91 71.6 0.0 142.0
134 25.2 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 17.873 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:105 Resp: 121567
Ion Ratio Lower Upper
105 100
120 44.7 0.0 89.8

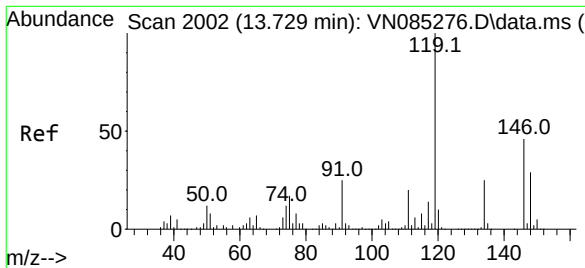
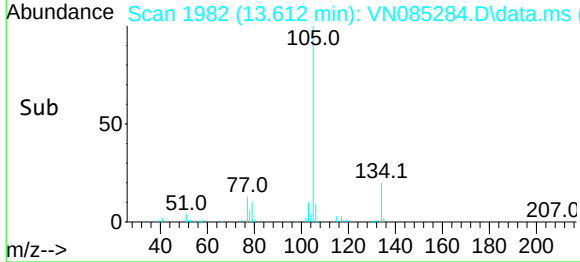
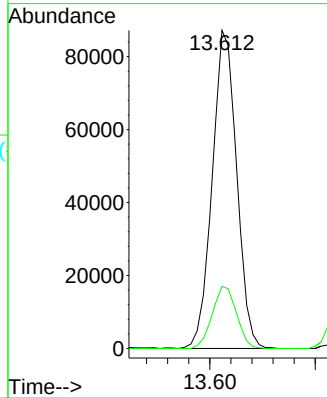
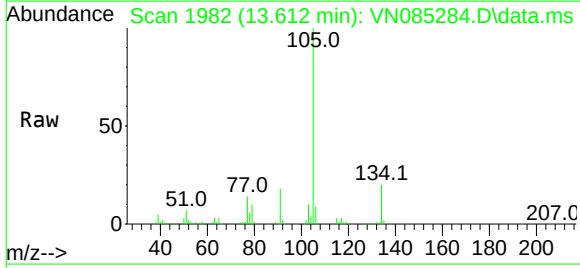




#81
sec-Butylbenzene
Concen: 17.414 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

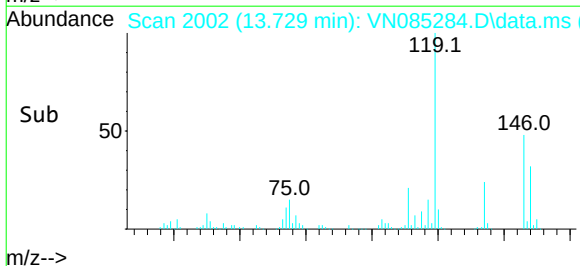
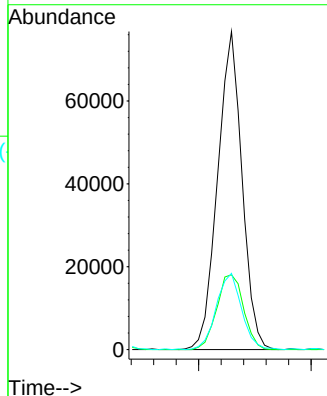
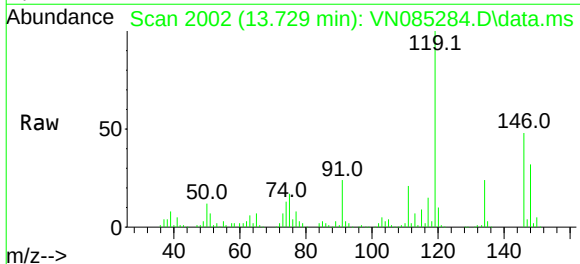
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

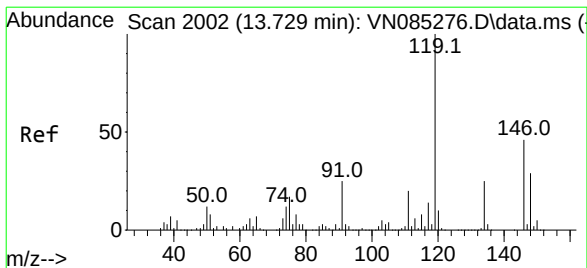
Tgt Ion:105 Resp: 140501
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.8



#82
p-Isopropyltoluene
Concen: 17.375 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:119 Resp: 115449
Ion Ratio Lower Upper
119 100
134 25.9 0.0 51.4
91 24.9 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 17.875 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085284.D

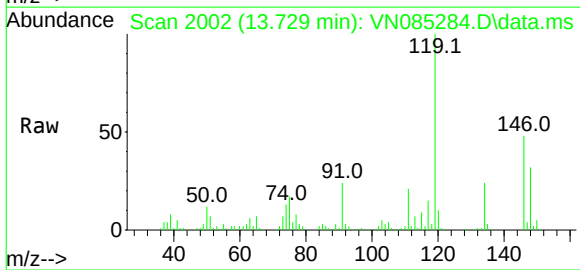
Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



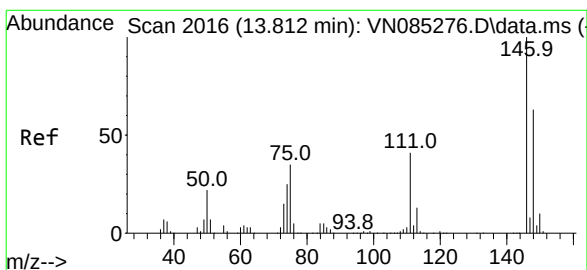
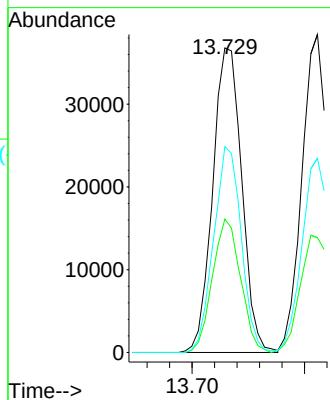
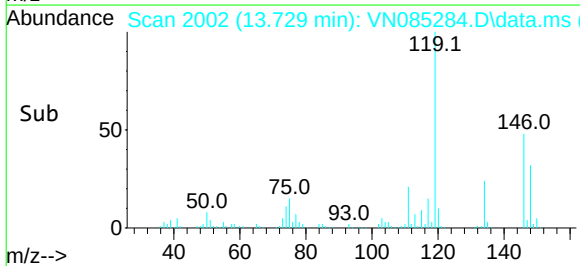
Tgt Ion:146 Resp: 65953

Ion Ratio Lower Upper

146 100

111 42.3 20.4 61.3

148 64.3 31.1 93.5



#84

1,4-Dichlorobenzene

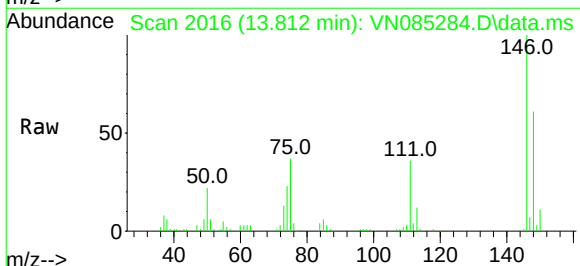
Concen: 17.987 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13



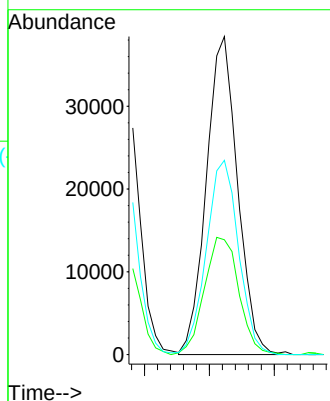
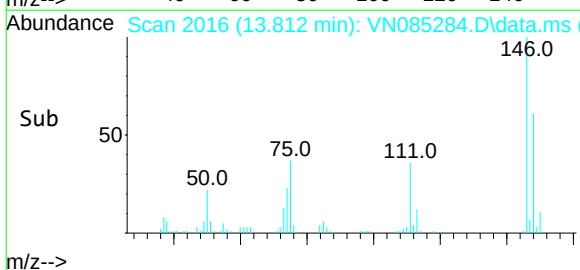
Tgt Ion:146 Resp: 64209

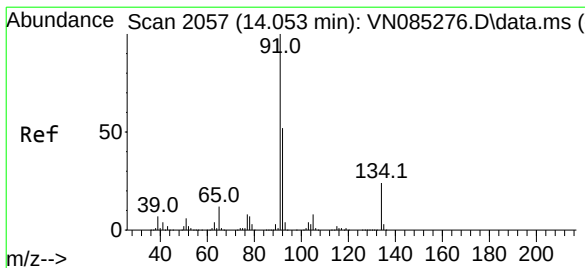
Ion Ratio Lower Upper

146 100

111 40.6 20.7 62.1

148 63.2 33.2 99.6

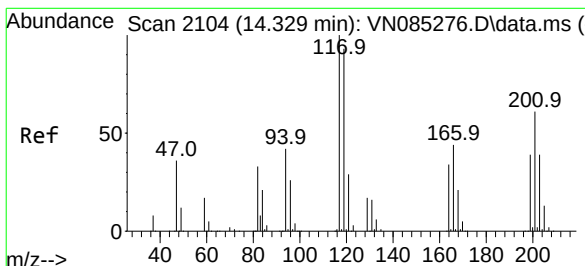
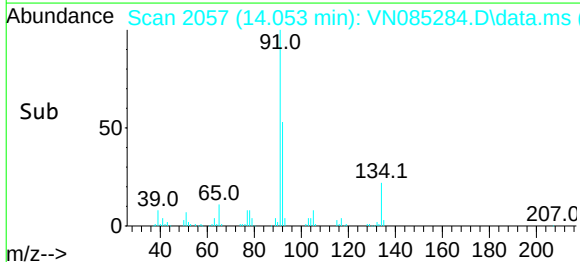
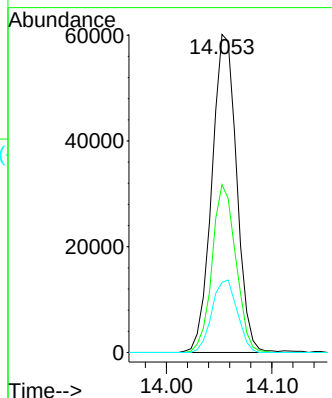
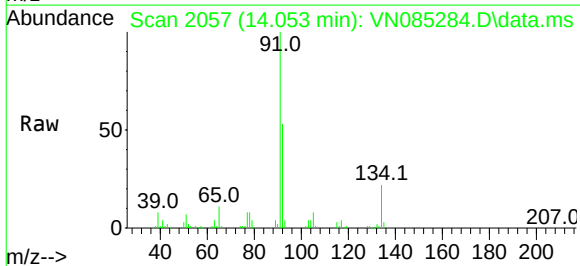




#85
n-Butylbenzene
Concen: 17.124 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

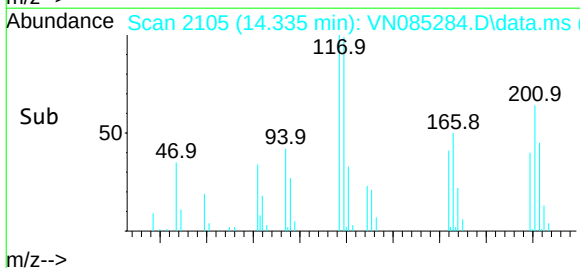
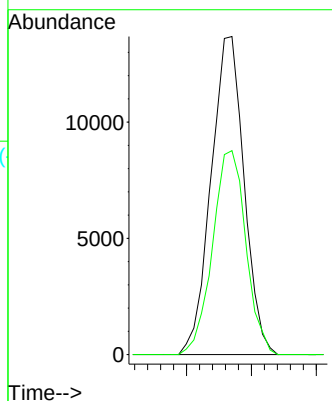
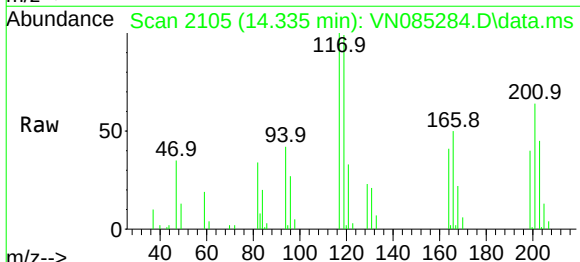
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

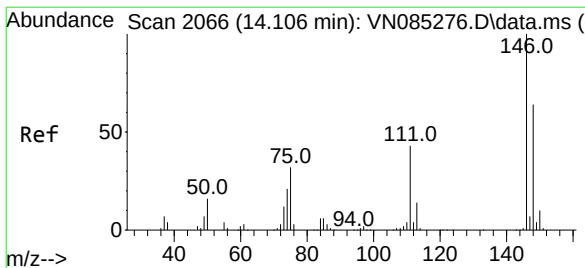
Tgt Ion:	91	Resp:	98235
Ion	Ratio	Lower	Upper
91	100		
92	50.5	0.0	102.0
134	23.2	0.0	46.4



#86
Hexachloroethane
Concen: 16.990 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085284.D
Acq: 20 Dec 2024 16:13

Tgt Ion:	117	Resp:	24236
Ion	Ratio	Lower	Upper
117	100		
201	64.7	31.8	95.3





#87

1,2-Dichlorobenzene

Concen: 17.768 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085284.D

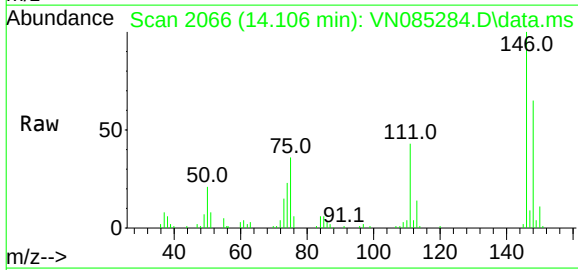
Acq: 20 Dec 2024 16:13

Instrument :

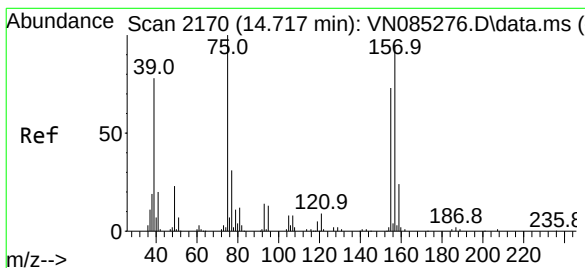
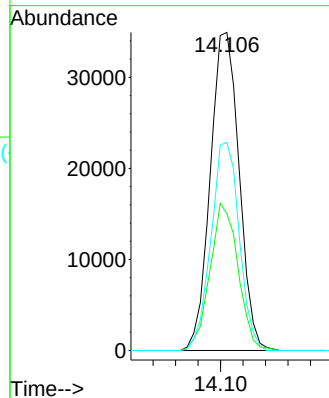
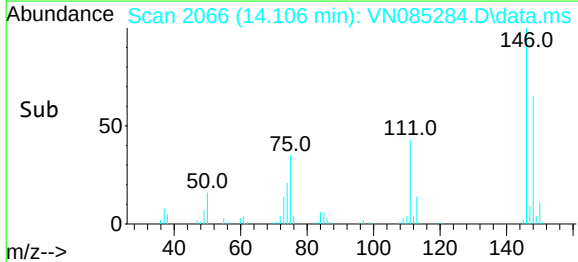
MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:	146	Resp:	62284
Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.1	66.3
148	64.0	32.5	97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.271 ug/l

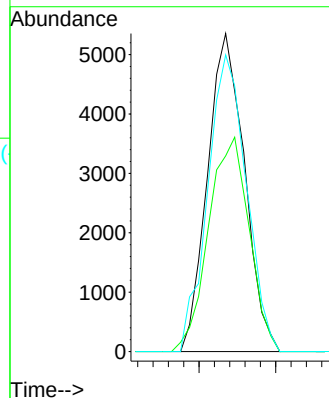
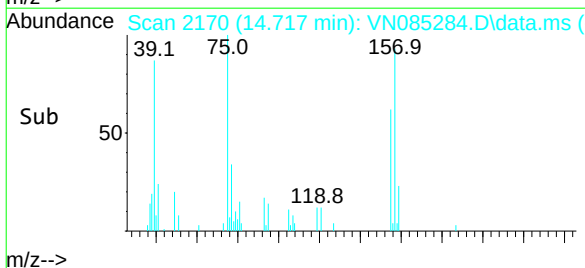
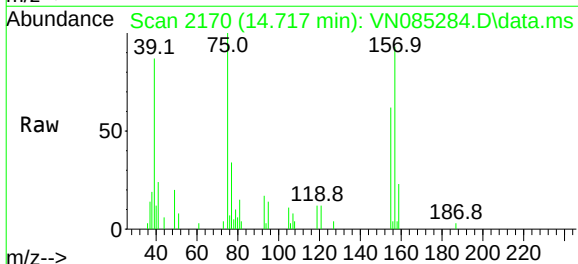
RT: 14.717 min Scan# 2170

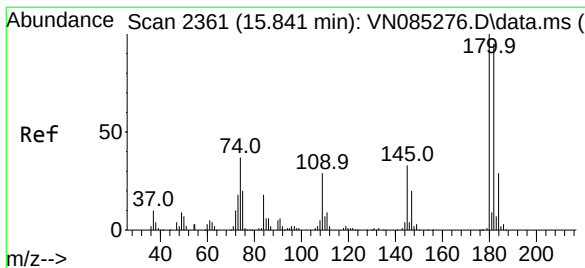
Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Tgt Ion:	75	Resp:	8955
Ion	Ratio	Lower	Upper
75	100		
155	74.1	53.4	80.0
157	97.7	74.2	111.4





#89

1,2,4-Trichlorobenzene

Concen: 17.541 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

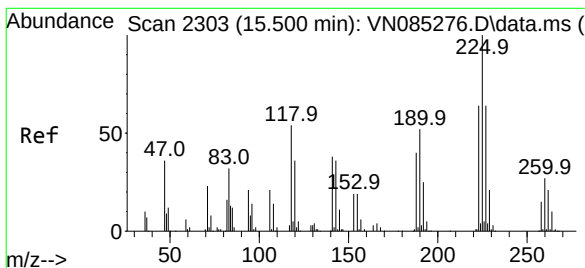
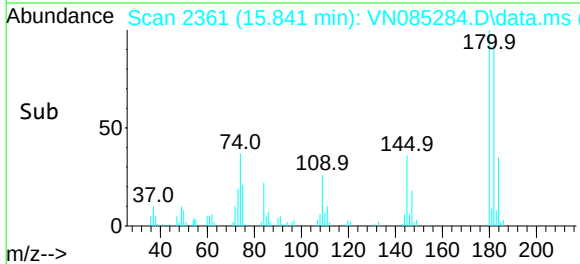
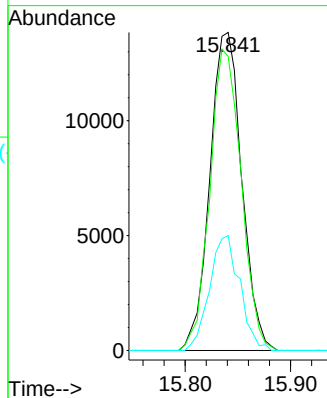
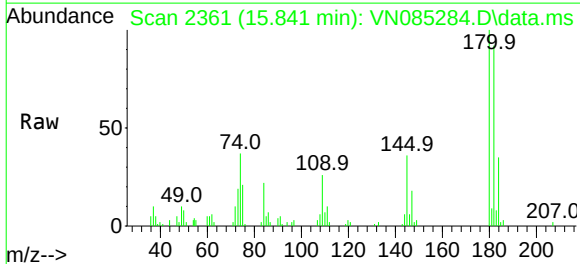
Tgt Ion:180 Resp: 29130

Ion Ratio Lower Upper

180 100

182 93.2 76.5 114.7

145 34.2 27.4 41.2



#90

Hexachlorobutadiene

Concen: 17.633 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

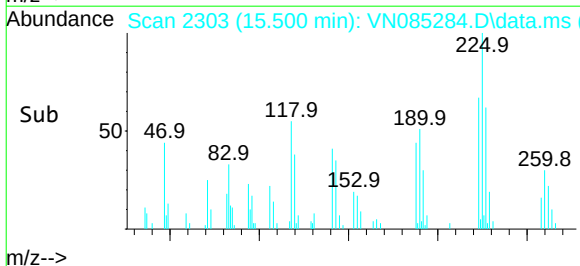
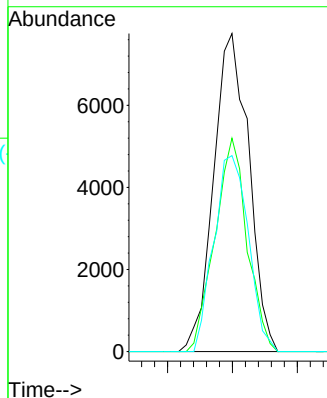
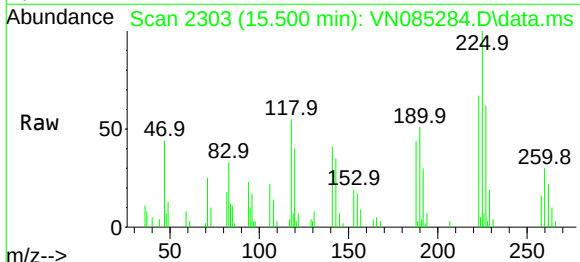
Tgt Ion:225 Resp: 14597

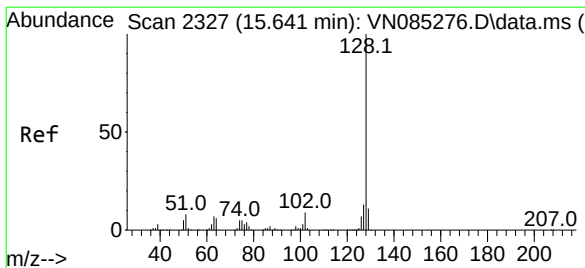
Ion Ratio Lower Upper

225 100

223 61.5 0.0 116.2

227 60.6 0.0 116.4





#91

Naphthalene

Concen: 16.185 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

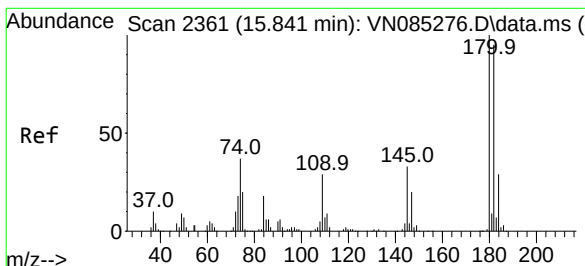
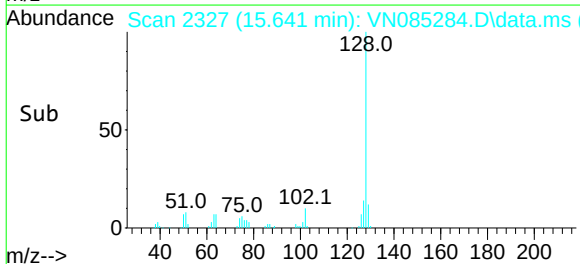
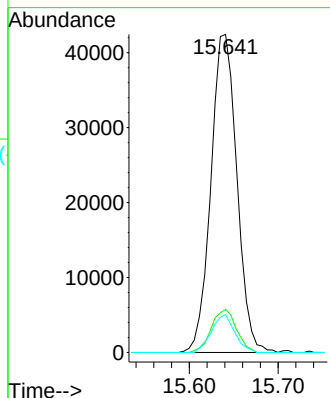
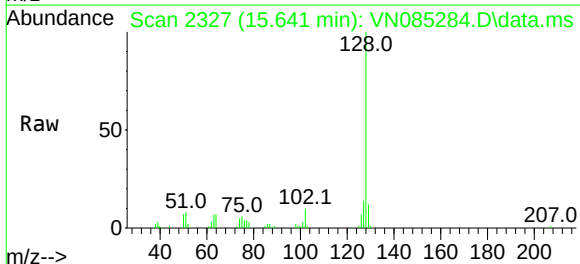
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	128	Resp:	86359
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	13.0



#92

1,2,3-Trichlorobenzene

Concen: 17.541 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085284.D

Acq: 20 Dec 2024 16:13

Tgt Ion:	180	Resp:	29130
Ion	Ratio	Lower	Upper
180	100		
182	93.2	0.0	191.2
145	34.2	0.0	68.6

