

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085121.D
 Acq On : 06 Dec 2024 11:37
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 06 22:31:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:19:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29869	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	165478	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72104	30.424	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.400%
60) 4-Bromofluorobenzene	12.847	95	77038	30.183	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.600%
63) Toluene-d8	10.565	98	210929	29.150	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.167%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	382696	160.147	ug/l	100
3) Chloromethane	2.359	50	336891	159.276	ug/l	96
4) Vinyl Chloride	2.512	62	337908	156.192	ug/l	98
5) Bromomethane	2.930	94	203330	148.033	ug/l	96
6) Chloroethane	3.106	64	209222	157.410	ug/l	100
7) Trichlorofluoromethane	3.489	101	564698	159.461	ug/l	98
8) Diethyl Ether	3.959	74	189430	168.881	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	311182	157.134	ug/l	98
10) 1,1-Dichloroethene	4.336	96	297605	163.607	ug/l	94
11) Methyl Iodide	4.589	142	437650	173.477	ug/l	96
12) Methyl Acetate	5.018	43	348950	162.608	ug/l	95
13) Acrolein	4.171	56	272433	873.598	ug/l	94
14) Acrylonitrile	5.712	53	742116	832.848	ug/l	97
15) Acetone	4.424	58	196952	815.641	ug/l	97
16) Carbon Disulfide	4.712	76	864628	159.023	ug/l	100
17) Allyl chloride	5.018	41	433507	166.552	ug/l	91
18) Methylene Chloride	5.271	84	313694	151.985	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	302760	160.130	ug/l	92
20) Diisopropyl ether	6.665	45	921058	161.244	ug/l	99
21) 1,1-Dichloroethane	6.565	63	551498	156.428	ug/l #	98
22) cis-1,2-Dichloroethene	7.483	96	353328	162.585	ug/l	99
23) tert-Butyl Alcohol	5.518	59	276979	866.490	ug/l #	100
25) Chloroform	7.965	83	569561	154.206	ug/l	96
26) Cyclohexane	8.253	56	483028	166.394	ug/l #	93
29) 1,1-Dichloropropene	8.371	75	418388	156.686	ug/l	99
30) 2-Butanone	7.477	43	967143	789.269	ug/l	99
31) 2,2-Dichloropropane	7.488	77	524946	153.308	ug/l #	100
32) 1,1,1-Trichloroethane	8.165	97	539832	149.363	ug/l	99
33) Carbon Tetrachloride	8.359	117	490377	150.360	ug/l	96
34) Benzene	8.600	78	1259887	150.194	ug/l	97
35) Methacrylonitrile	7.777	41	215224	156.078	ug/l	95
36) 1,2-Dichloroethane	8.665	62	422140	147.830	ug/l	99
37) Trichloroethene	9.347	130	306812	153.593	ug/l	94
38) Methylcyclohexane	9.600	83	490389	168.903	ug/l	93
39) 1,2-Dichloropropane	9.618	63	304138	149.691	ug/l	95
40) Dibromomethane	9.706	93	218470	149.905	ug/l	98
41) Bromodichloromethane	9.888	83	469670	150.750	ug/l	96
42) Vinyl Acetate	6.600	43	3493830	814.821	ug/l	100
43) Ethyl Acetate	7.553	43	382630	156.937	ug/l	96

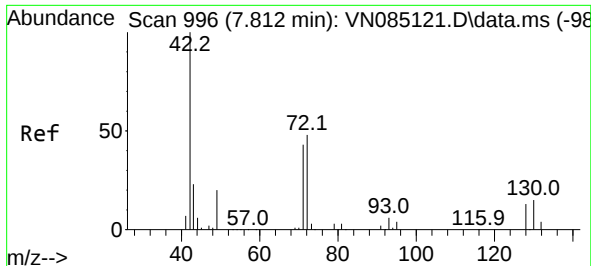
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:19:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.688	43	672392	158.696	ug/l	99
45) 1,4-Dioxane	9.694	88	111218	3147.777	ug/l	96
46) Methyl methacrylate	9.677	41	320862	165.471	ug/l	97
47) n-amyl Acetate	12.494	43	592642	166.246	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	499133	163.202	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	525997	157.986	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	289001	147.159	ug/l	94
51) Ethyl methacrylate	10.871	69	506274	169.495	ug/l	96
52) 1,3-Dichloropropane	11.159	76	501665	152.638	ug/l	99
53) Dibromochloromethane	11.359	129	362326	151.395	ug/l	96
54) 1,2-Dibromoethane	11.471	107	305232	154.261	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	1112538	801.795	ug/l	99
56) Bromoform	12.576	173	249601	155.551	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	1988082	789.691	ug/l	98
59) 2-Hexanone	11.194	43	1508817	790.966	ug/l	98
61) Tetrachloroethene	11.100	164	270825	144.976	ug/l	96
62) Toluene	10.629	91	1370241	152.311	ug/l	100
64) Chlorobenzene	11.888	112	858494	154.562	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	311301	150.134	ug/l	98
66) Ethyl Benzene	11.959	91	1573924	164.874	ug/l	98
67) m/p-Xylenes	12.071	106	1195807	325.683	ug/l	99
68) o-Xylene	12.394	106	562377	163.091	ug/l	100
69) Styrene	12.406	104	976478	166.883	ug/l	99
70) Isopropylbenzene	12.694	105	1467994	165.057	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	401707	148.393	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	559263	209.140	ug/l	75
73) Bromobenzene	12.976	156	347939	156.185	ug/l	99
74) n-propylbenzene	13.035	91	1746230	163.317	ug/l	99
75) 2-Chlorotoluene	13.123	91	1057392	159.945	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	1241282	162.904	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	163318	168.075	ug/l	94
78) 4-Chlorotoluene	13.218	91	1062762	158.383	ug/l	99
79) tert-butylbenzene	13.435	119	1033507	165.137	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	1230594	163.500	ug/l	100
81) sec-Butylbenzene	13.612	105	1466428	164.927	ug/l	98
82) p-Isopropyltoluene	13.729	119	1249133	169.455	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	629183	153.943	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	630821	158.368	ug/l	99
85) n-Butylbenzene	14.053	91	1076317	174.069	ug/l	98
86) Hexachloroethane	14.329	117	234799	160.002	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	591716	153.379	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	89112	164.781	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	332292	175.876	ug/l	98
90) Hexachlorobutadiene	15.500	225	150844	153.643	ug/l	98
91) Naphthalene	15.635	128	1116289	190.174	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	332292	175.876	ug/l	98

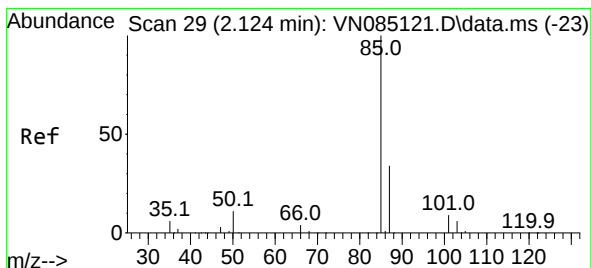
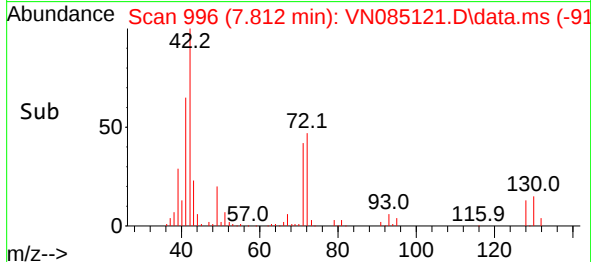
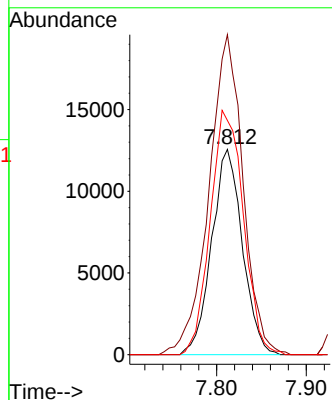
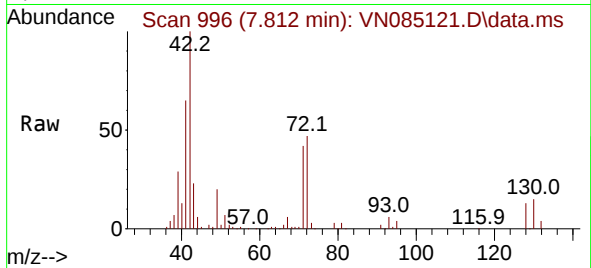
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

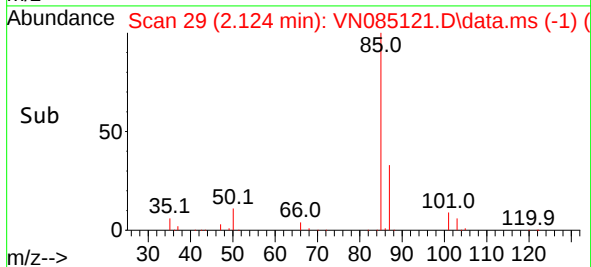
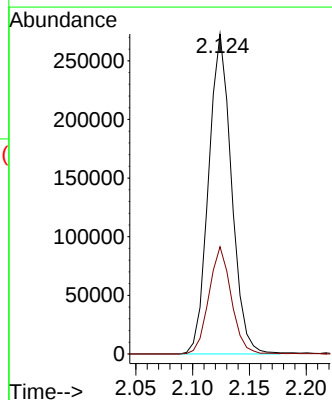
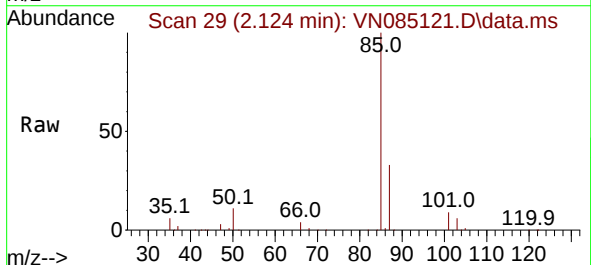
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

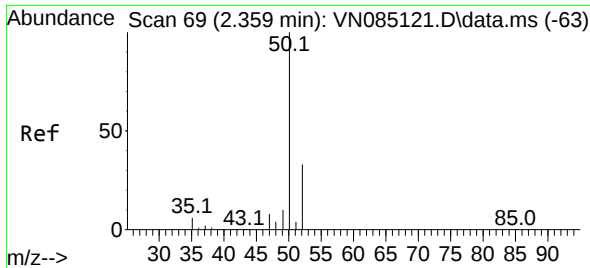
Tgt Ion:128 Resp: 29869
Ion Ratio Lower Upper
128 100
49 173.0 0.0 394.5
130 128.6 0.0 316.5



#2
Dichlorodifluoromethane
Concen: 160.147 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 85 Resp: 382696
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3

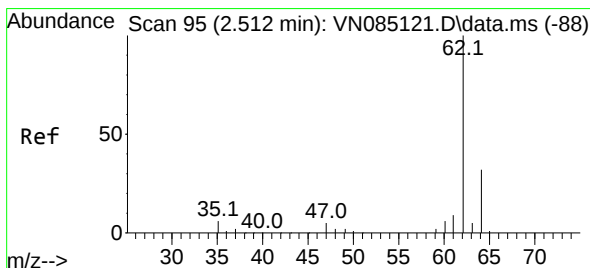
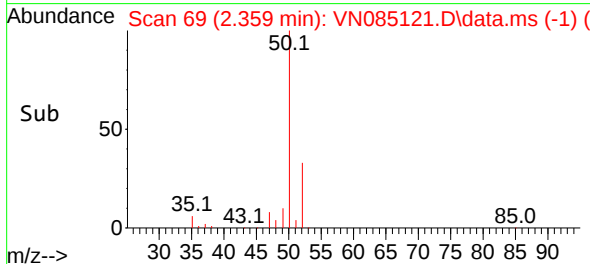
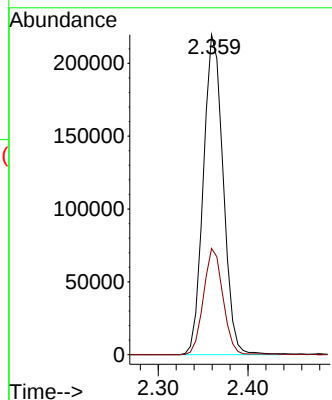
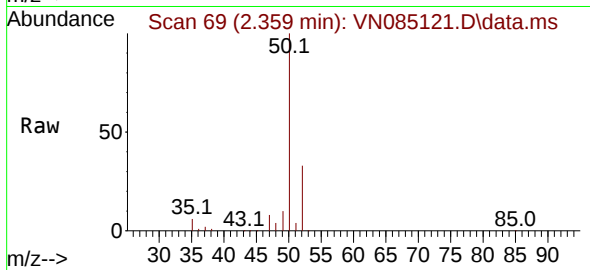




#3
Chloromethane
Concen: 159.276 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

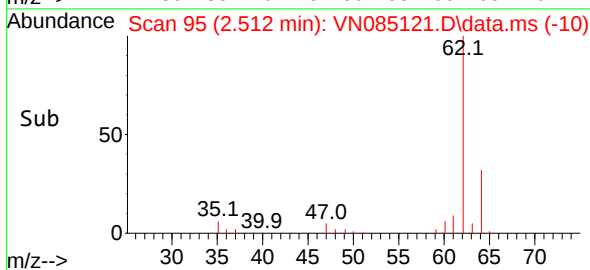
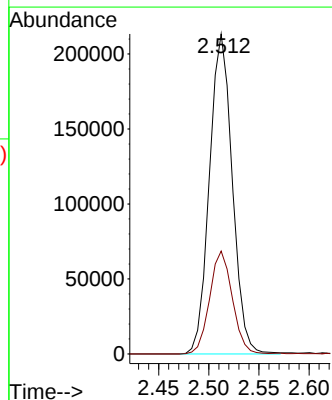
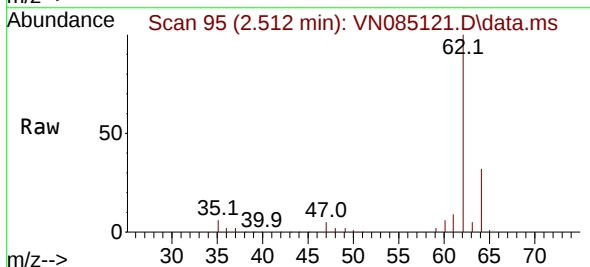
Instrument :
MSVOA_N
ClientSampleId :
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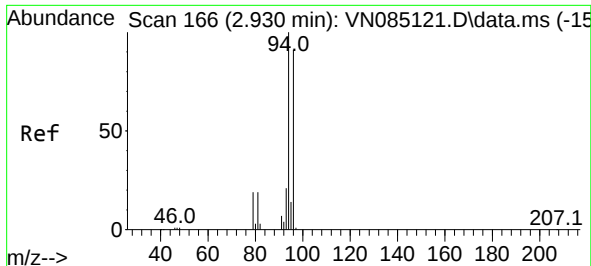
Tgt Ion: 50 Resp: 336891
Ion Ratio Lower Upper
50 100
52 33.2 25.0 37.4



#4
Vinyl Chloride
Concen: 156.192 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 62 Resp: 337908
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3

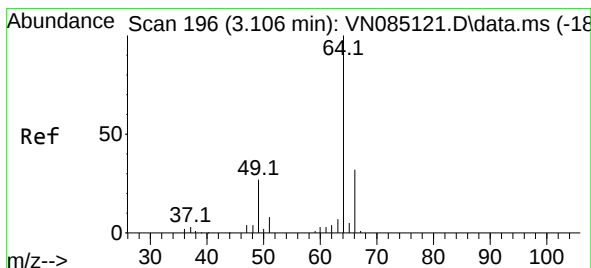
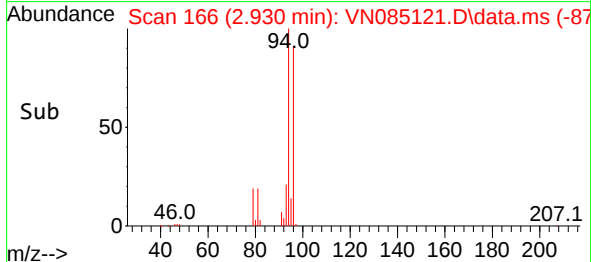
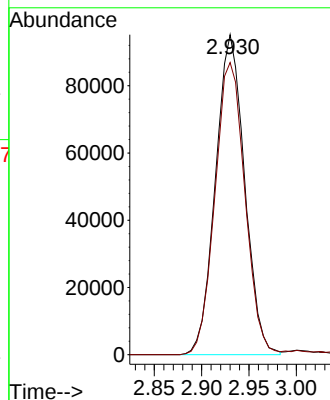
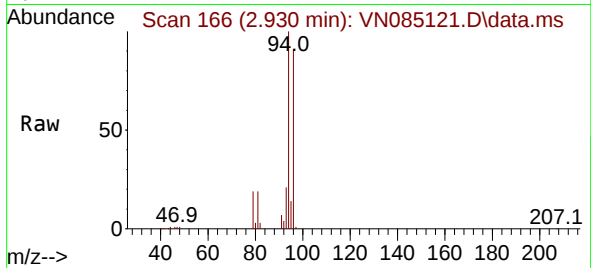




#5
Bromomethane
Concen: 148.033 ug/l
RT: 2.930 min Scan# 166
Delta R.T. -0.035 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

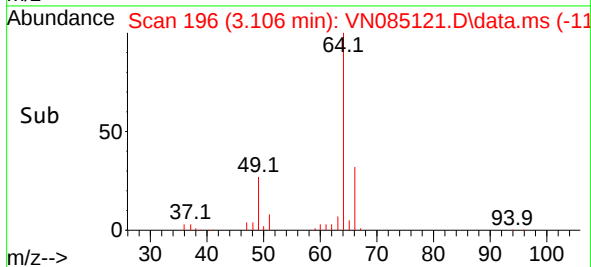
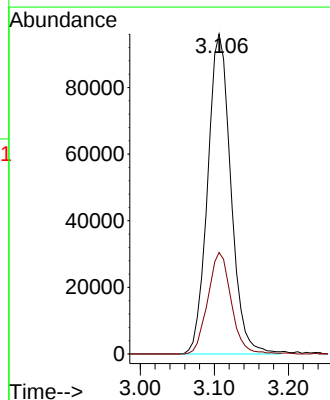
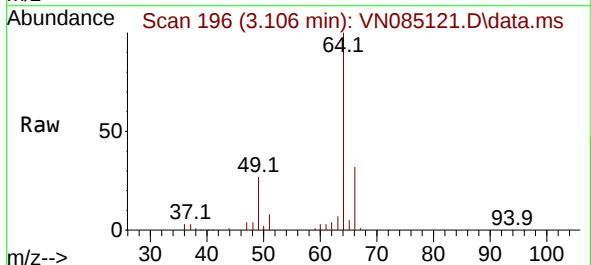
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MSVOA_N
ClientSampleId :
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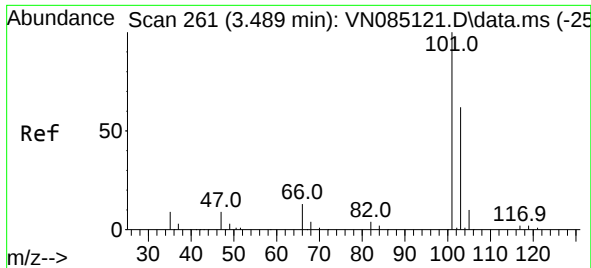
Tgt Ion: 94 Resp: 203330
Ion Ratio Lower Upper
94 100
96 91.3 76.2 114.4



#6
Chloroethane
Concen: 157.410 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.018 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 64 Resp: 209222
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3

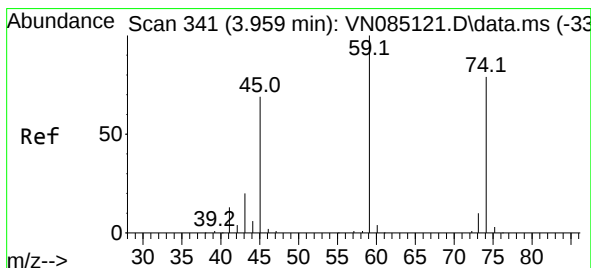
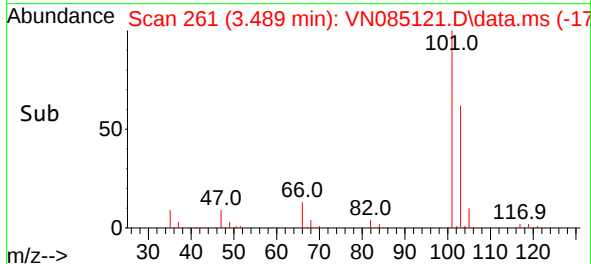
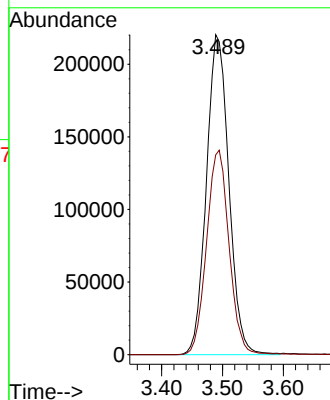
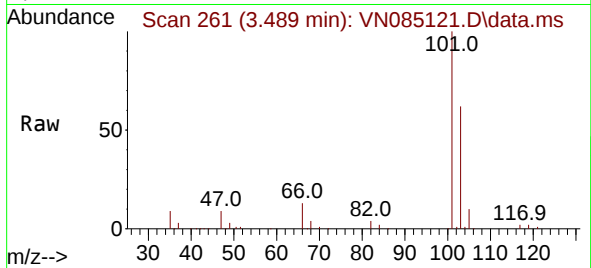




#7
 Trichlorofluoromethane
 Concen: 159.461 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.012 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

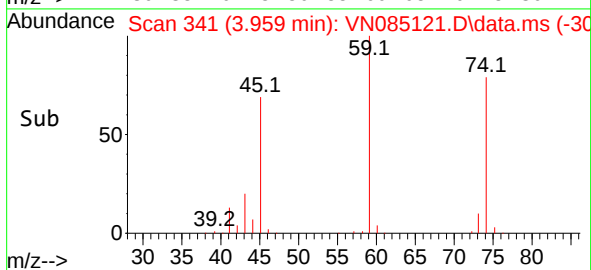
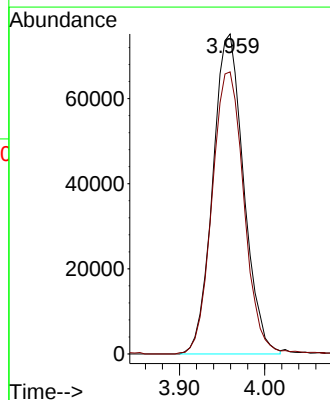
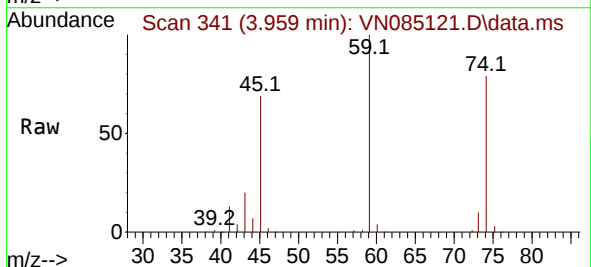
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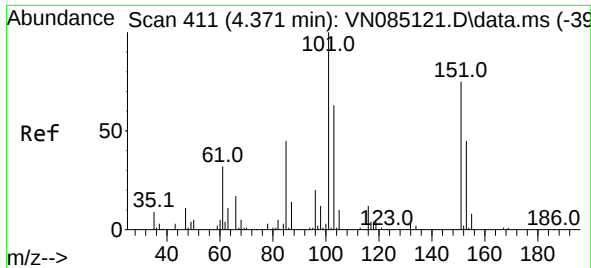
Tgt Ion:101 Resp: 564698
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.3 76.9



#8
 Diethyl Ether
 Concen: 168.881 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

Tgt Ion: 74 Resp: 189430
 Ion Ratio Lower Upper
 74 100
 45 90.9 18.6 167.8

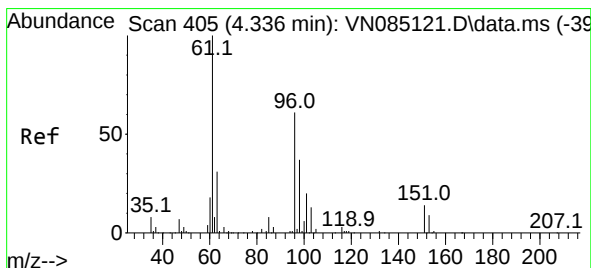
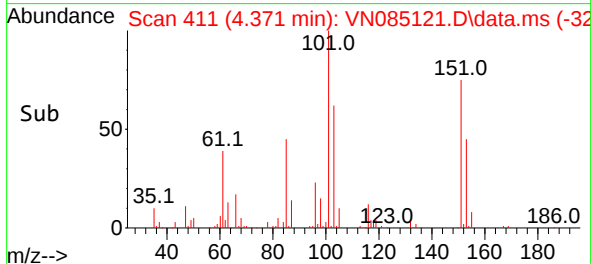
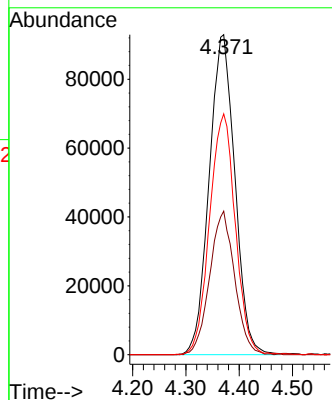
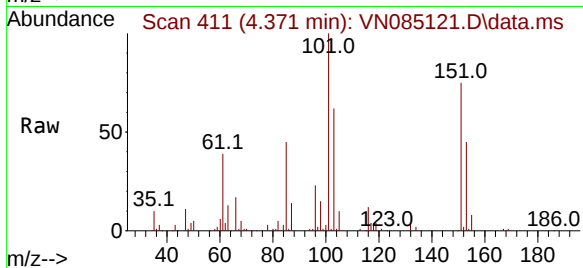




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 157.134 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

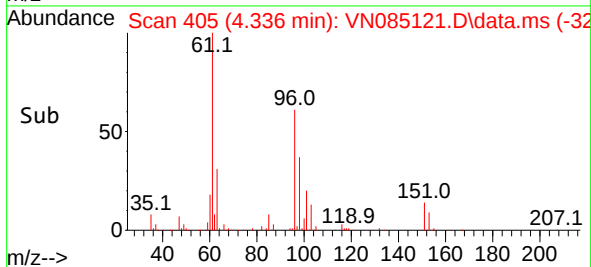
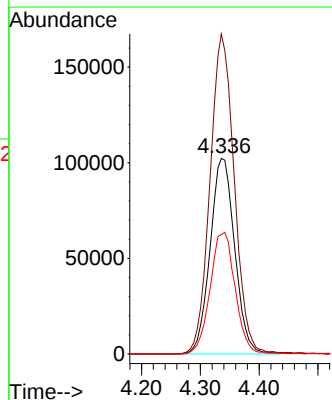
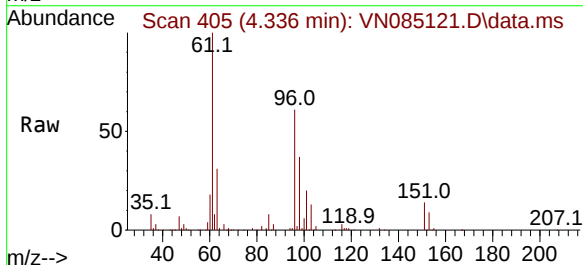
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

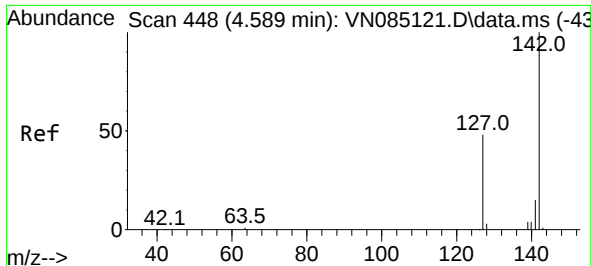
Tgt Ion:101 Resp: 311182
 Ion Ratio Lower Upper
 101 100
 85 43.5 0.0 88.6
 151 75.1 0.0 155.8



#10
 1,1-Dichloroethene
 Concen: 163.607 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

Tgt Ion: 96 Resp: 297605
 Ion Ratio Lower Upper
 96 100
 61 163.6 123.0 184.4
 98 61.1 49.1 73.7

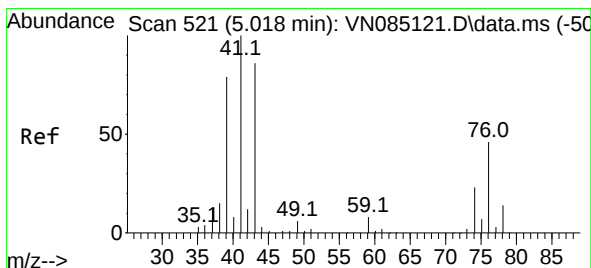
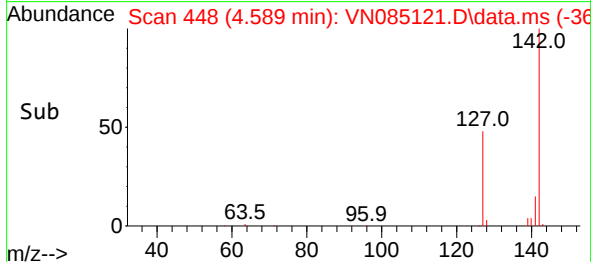
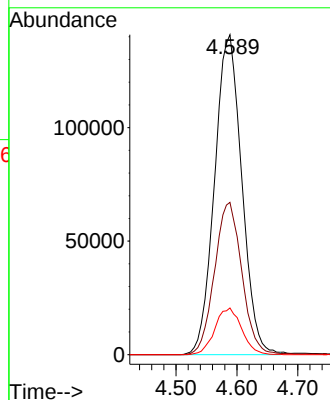
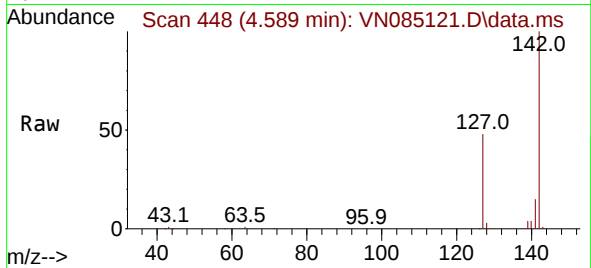




#11
Methyl Iodide
Concen: 173.477 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

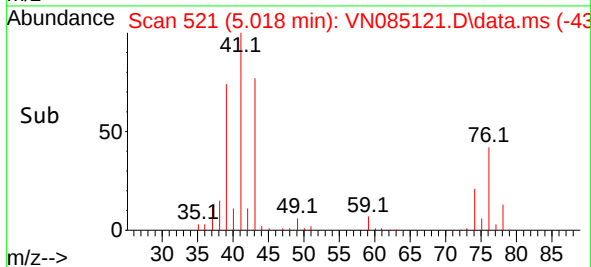
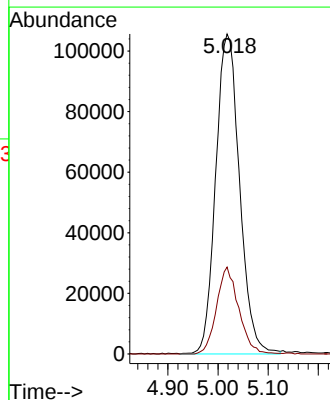
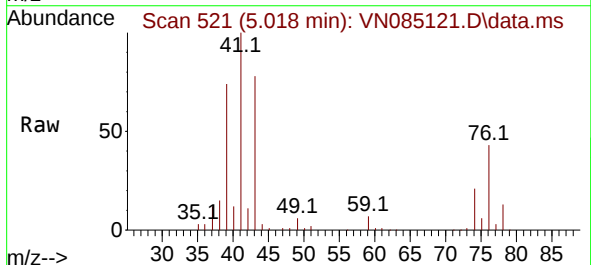
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

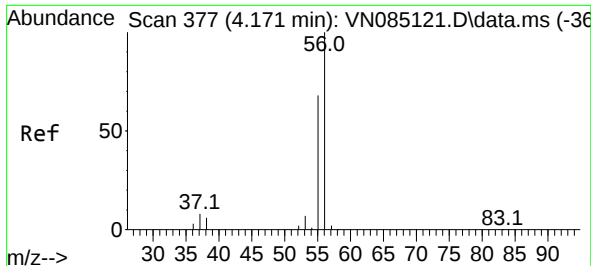
Tgt Ion:142 Resp: 437650
Ion Ratio Lower Upper
142 100
127 47.6 22.5 67.5
141 14.6 8.3 24.9



#12
Methyl Acetate
Concen: 162.608 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 43 Resp: 348950
Ion Ratio Lower Upper
43 100
74 27.2 19.8 29.6

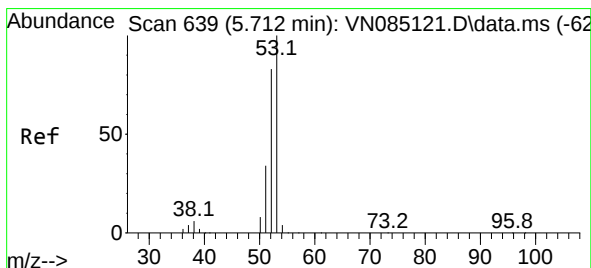
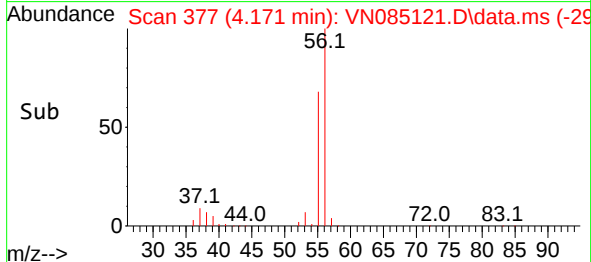
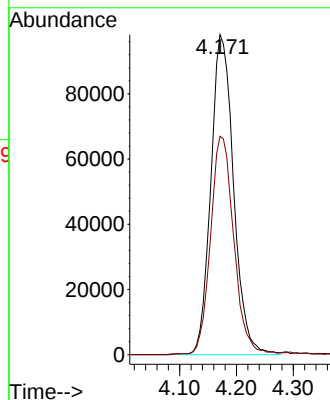
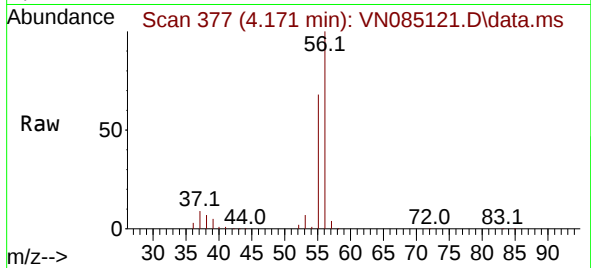




#13
Acrolein
Concen: 873.598 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

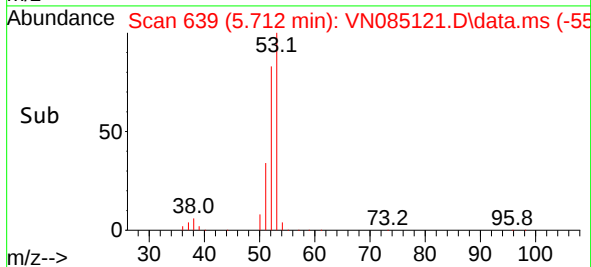
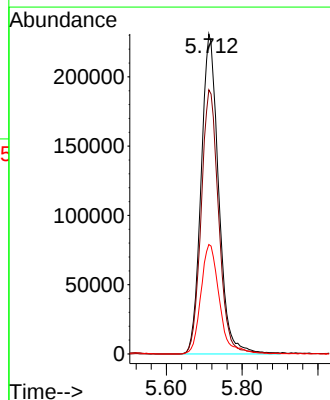
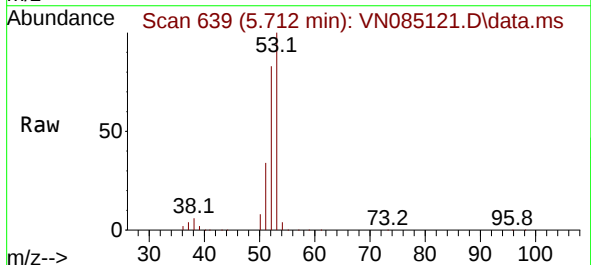
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

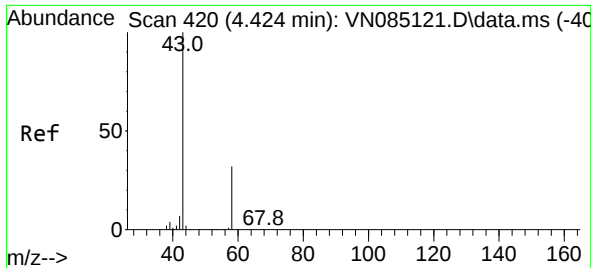
Tgt Ion: 56 Resp: 272433
Ion Ratio Lower Upper
56 100
55 69.4 59.4 89.0



#14
Acrylonitrile
Concen: 832.848 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 53 Resp: 742116
Ion Ratio Lower Upper
53 100
52 82.5 42.9 128.5
51 36.1 17.2 51.5

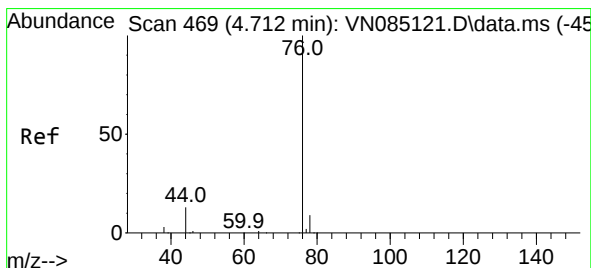
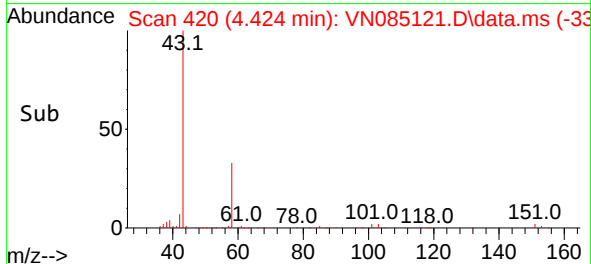
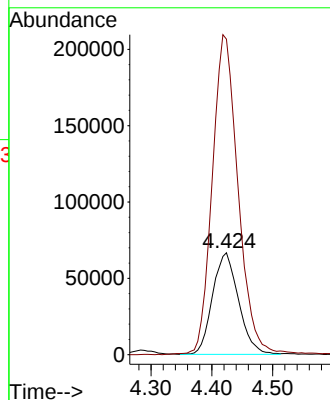
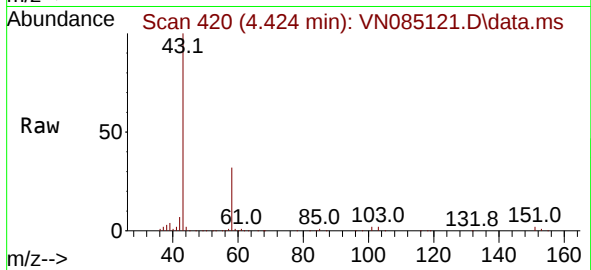




#15
Acetone
Concen: 815.641 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

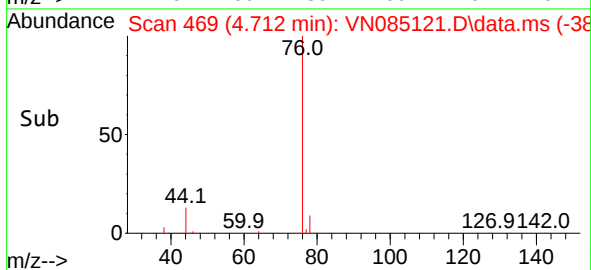
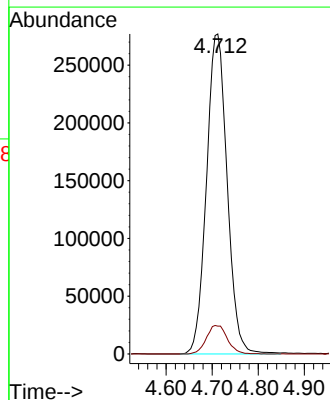
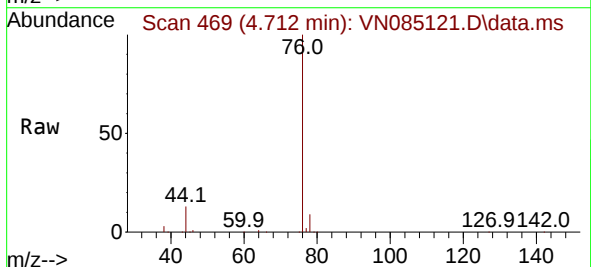
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

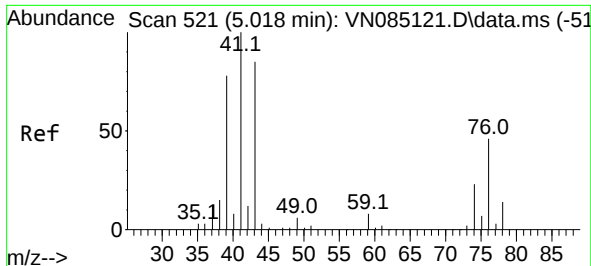
Tgt Ion: 58 Resp: 196952
Ion Ratio Lower Upper
58 100
43 309.3 242.3 363.5



#16
Carbon Disulfide
Concen: 159.023 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 76 Resp: 864628
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

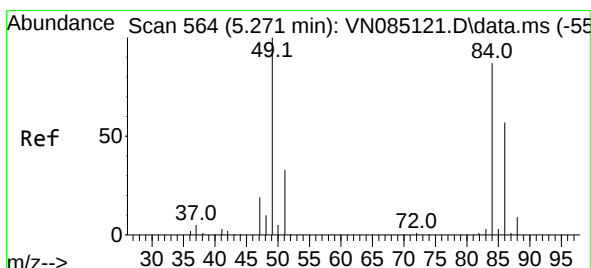
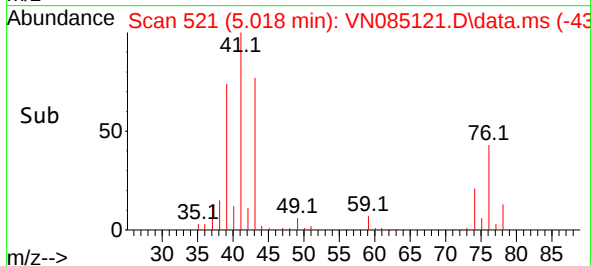
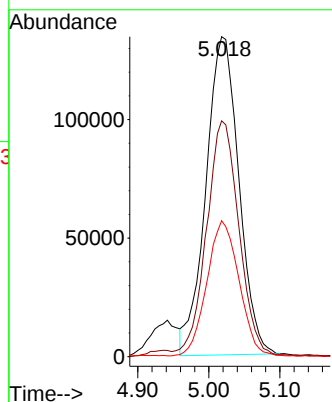
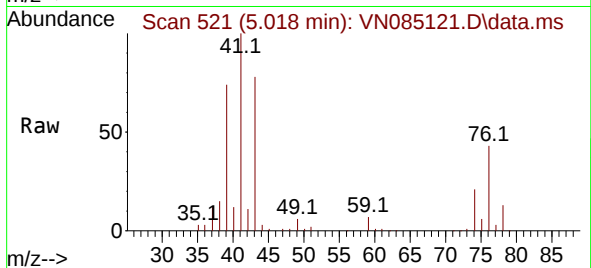




#17
 Allyl chloride
 Concen: 166.552 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

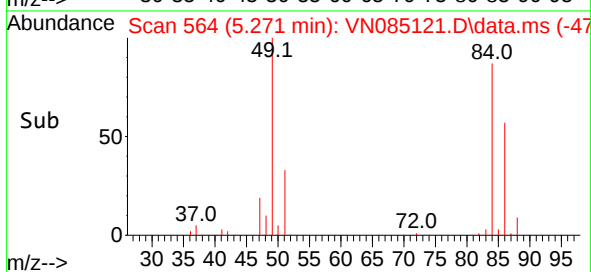
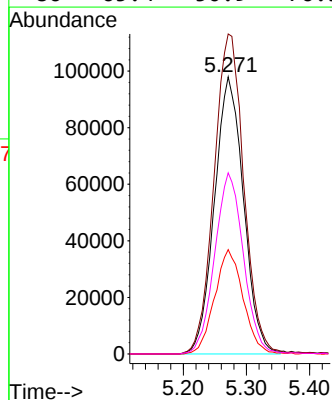
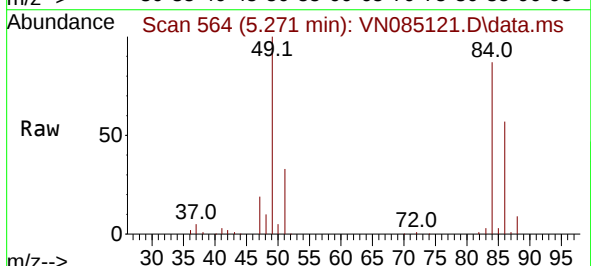
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

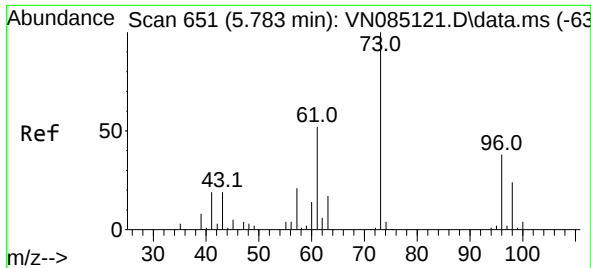
Tgt Ion:	41	Resp:	433507
Ion	Ratio	Lower	Upper
41	100		
39	73.7	32.0	96.2
76	42.5	20.2	60.5



#18
 Methylene Chloride
 Concen: 151.985 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

Tgt Ion:	84	Resp:	313694
Ion	Ratio	Lower	Upper
84	100		
49	115.5	95.1	142.7
51	37.6	27.4	41.0
86	65.4	50.9	76.3

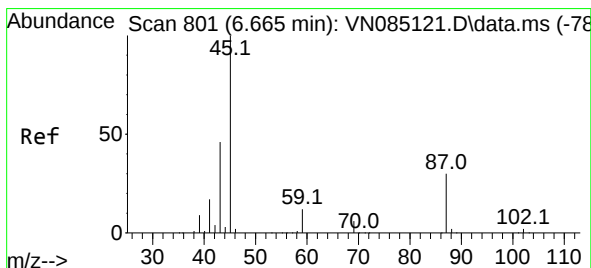
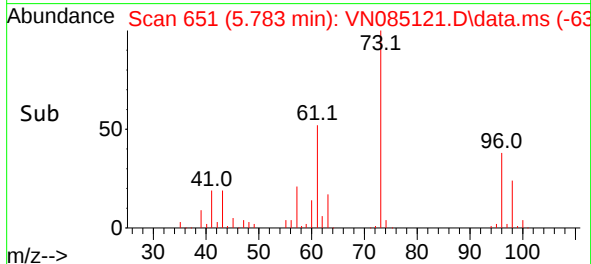
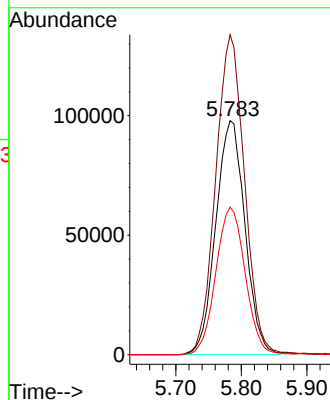
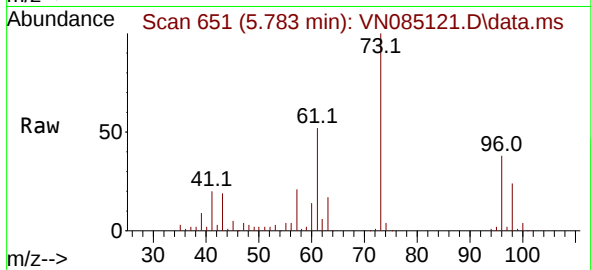




#19
trans-1,2-Dichloroethene
Concen: 160.130 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

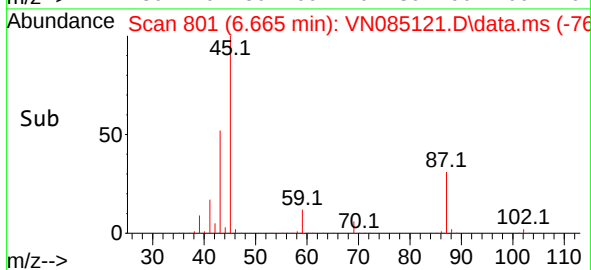
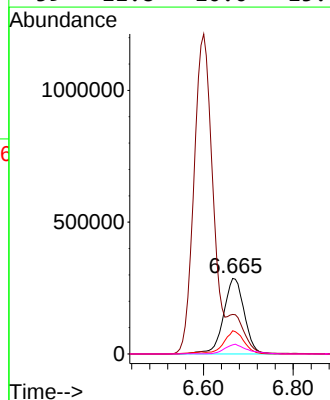
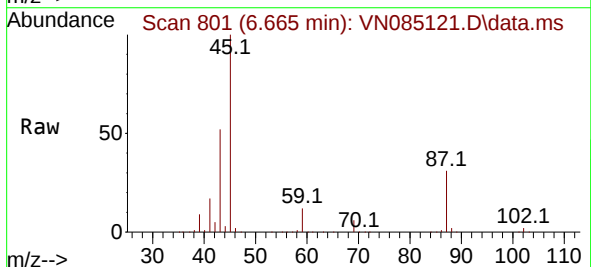
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

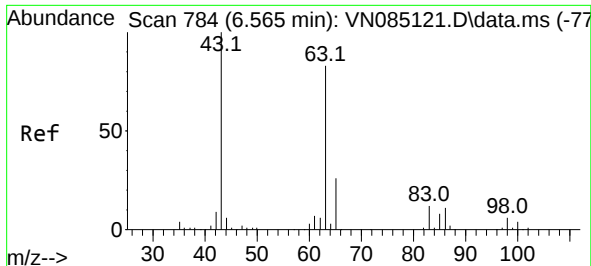
Tgt Ion: 96 Resp: 302760
Ion Ratio Lower Upper
96 100
61 136.5 100.4 150.6
98 63.0 52.6 79.0



#20
Diisopropyl ether
Concen: 161.244 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 45 Resp: 921058
Ion Ratio Lower Upper
45 100
43 51.6 41.9 62.9
87 30.5 24.1 36.1
59 11.8 10.0 15.0

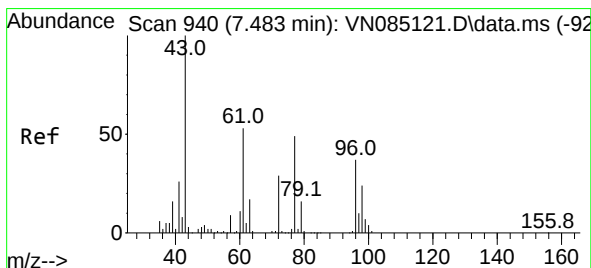
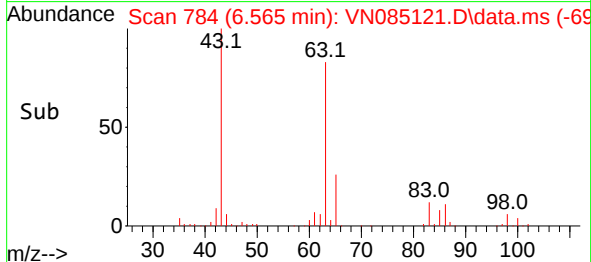
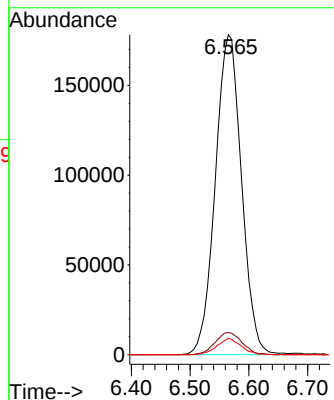
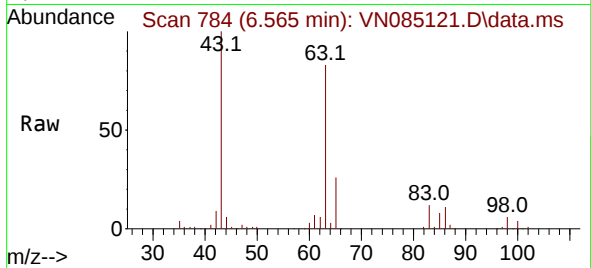




#21
1,1-Dichloroethane
Concen: 156.428 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

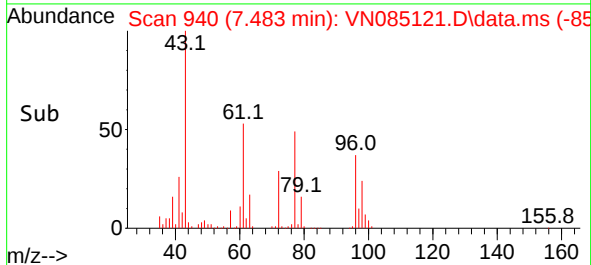
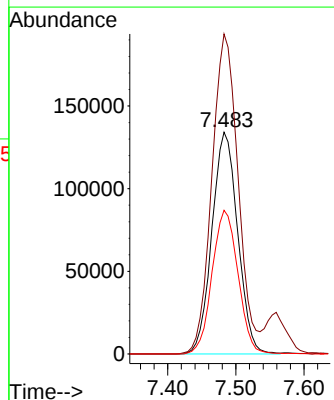
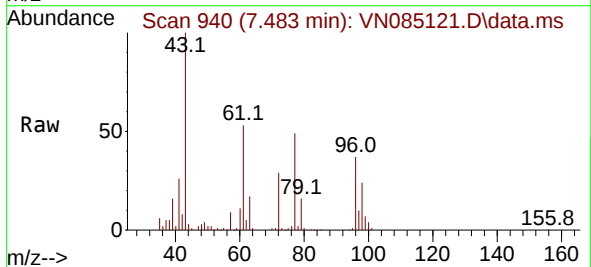
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

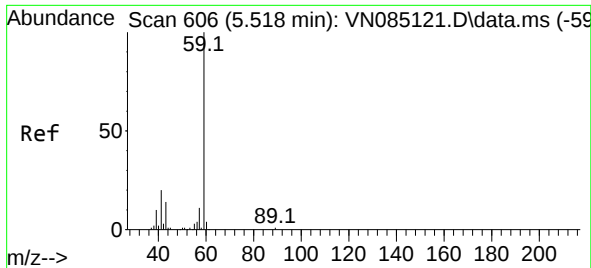
Tgt Ion: 63 Resp: 551498
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.4
100 5.1 1.6 4.8#



#22
cis-1,2-Dichloroethene
Concen: 162.585 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 96 Resp: 353328
Ion Ratio Lower Upper
96 100
61 147.0 115.9 173.9
98 65.0 51.8 77.8

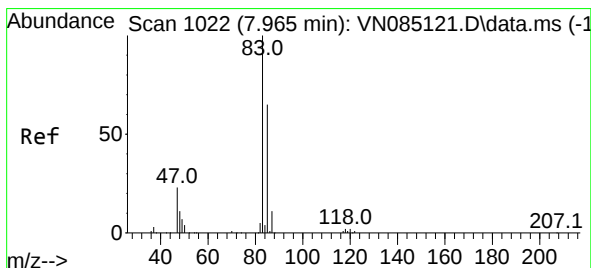
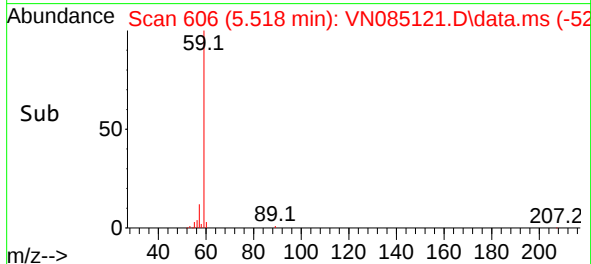
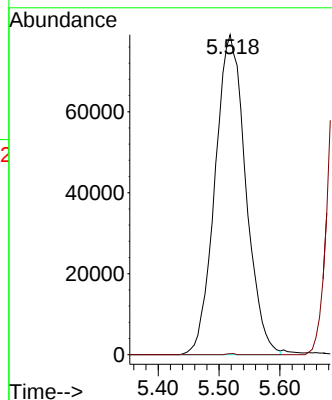
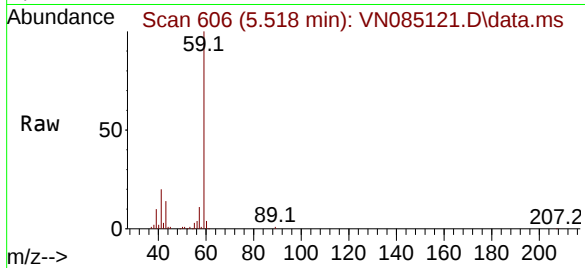




#23
tert-Butyl Alcohol
Concen: 866.490 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

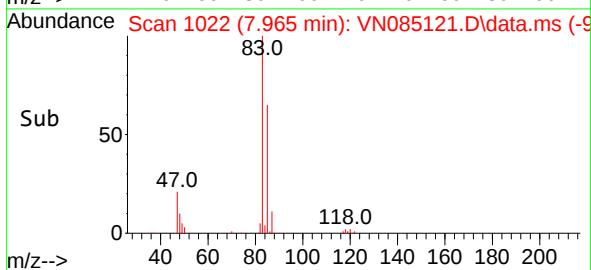
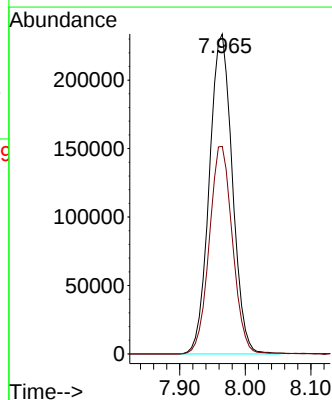
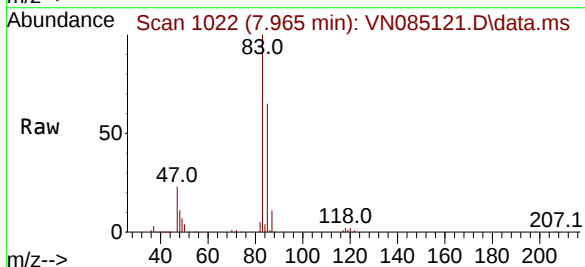
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

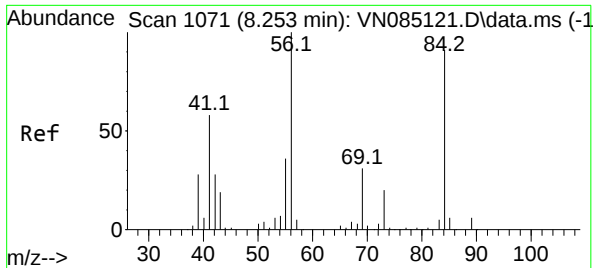
Tgt Ion: 59 Resp: 276979
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#25
Chloroform
Concen: 154.206 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 83 Resp: 569561
Ion Ratio Lower Upper
83 100
85 64.9 49.4 74.0

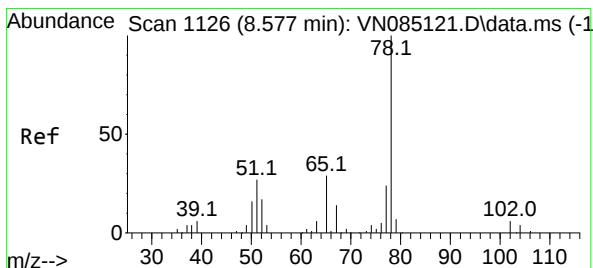
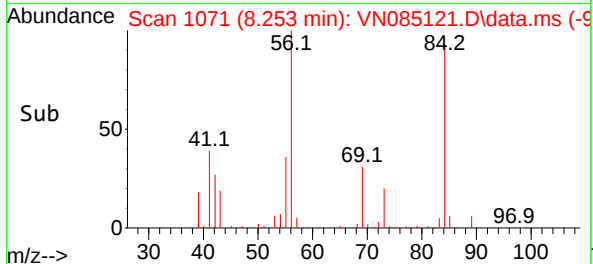
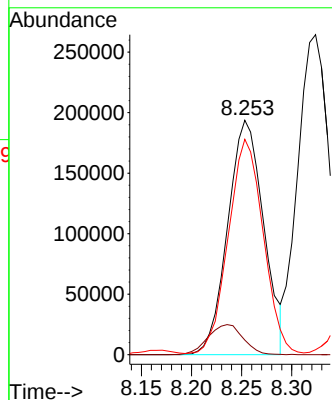
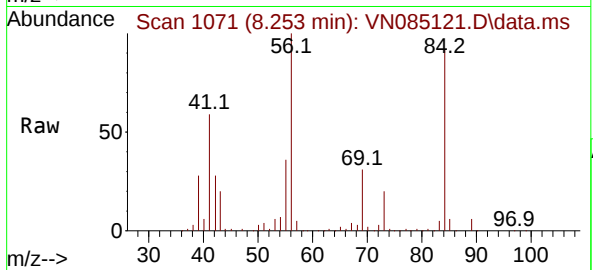




#26
Cyclohexane
Concen: 166.394 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

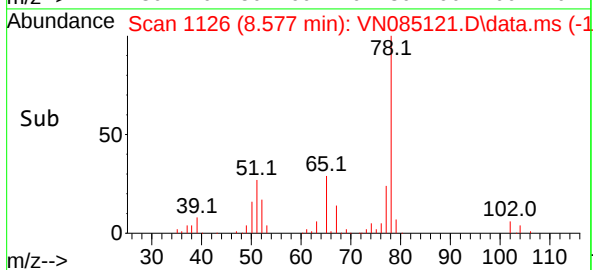
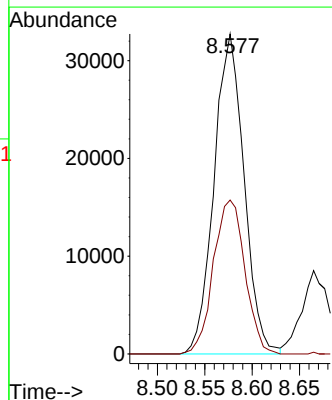
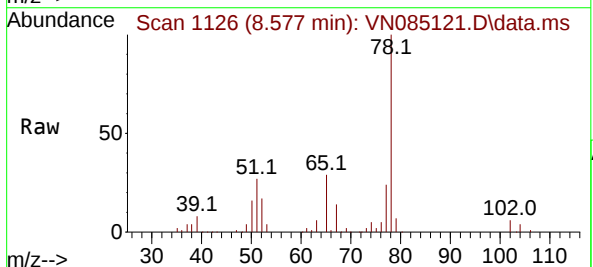
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

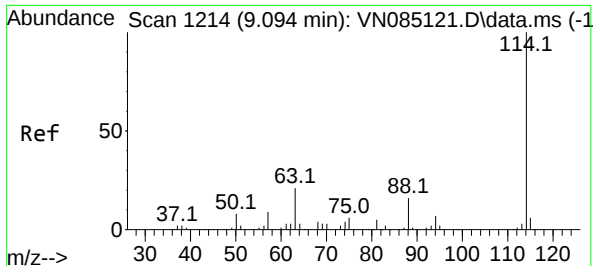
Tgt Ion: 56 Resp: 483028
Ion Ratio Lower Upper
56 100
89 12.6 19.5 29.3#
84 90.0 70.6 105.8



#27
1,2-Dichloroethane-d4
Concen: 30.424 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 65 Resp: 72104
Ion Ratio Lower Upper
65 100
67 50.5 39.9 59.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

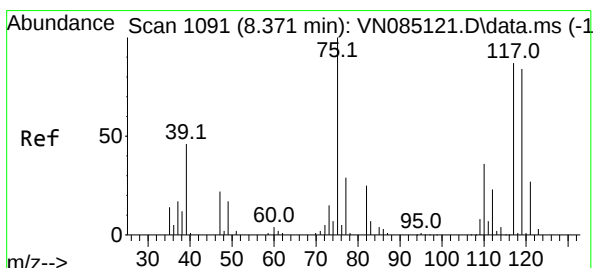
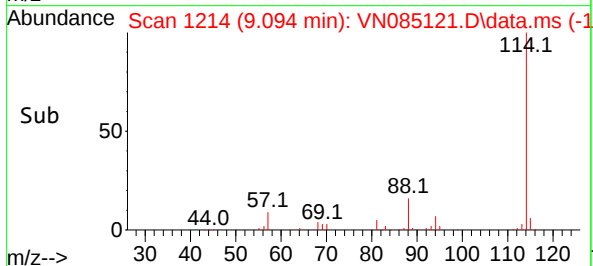
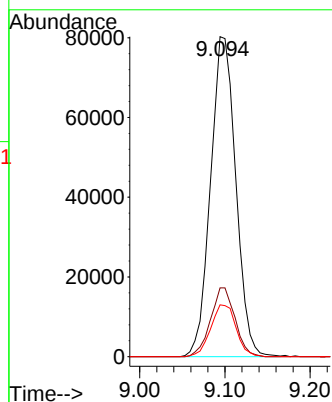
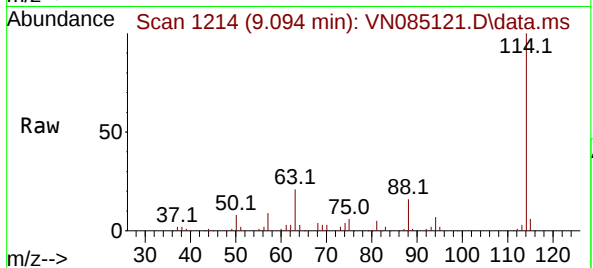
Tgt Ion:114 Resp: 165478

Ion Ratio Lower Upper

114 100

63 20.8 16.2 24.2

88 16.3 12.5 18.7



#29

1,1-Dichloropropene

Concen: 156.686 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

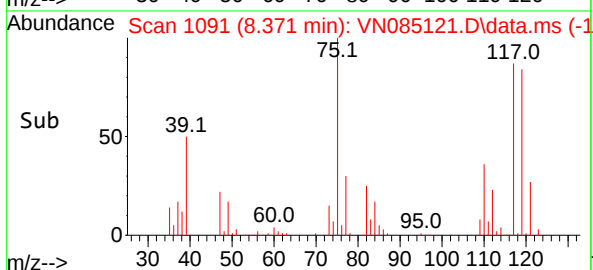
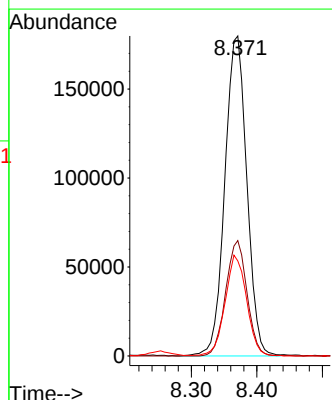
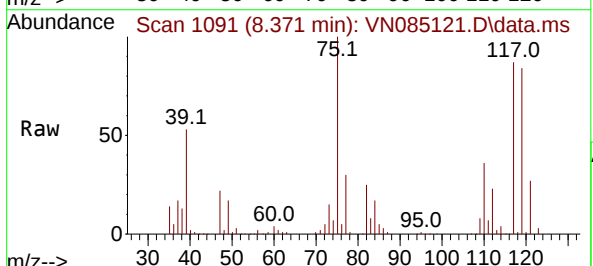
Tgt Ion: 75 Resp: 418388

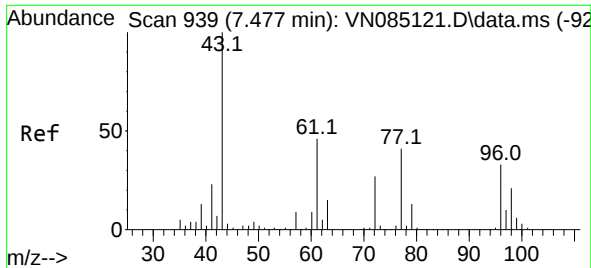
Ion Ratio Lower Upper

75 100

110 35.0 0.0 71.6

77 30.9 0.0 62.2

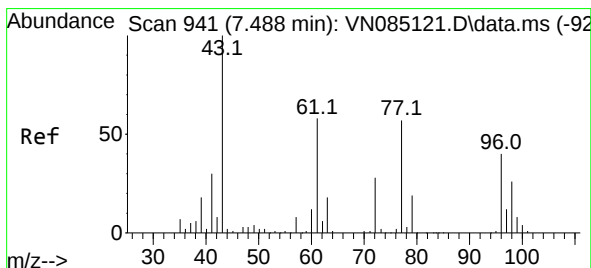
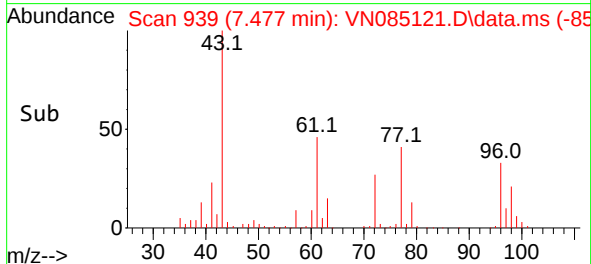
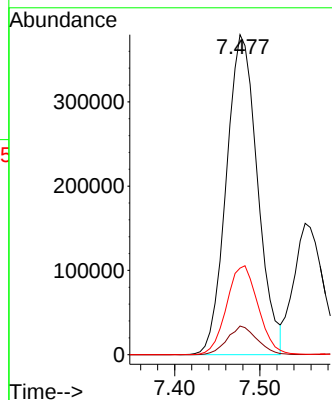
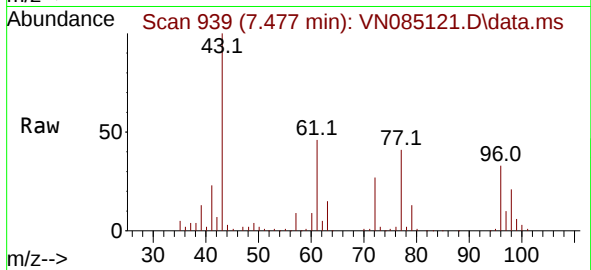




#30
2-Butanone
Concen: 789.269 ug/l
RT: 7.477 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

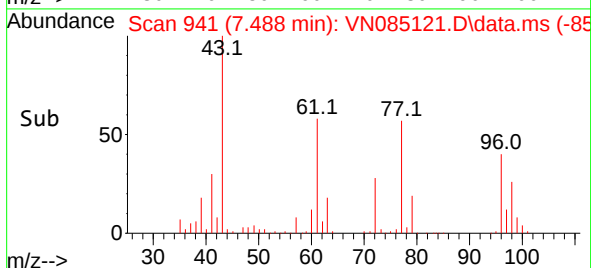
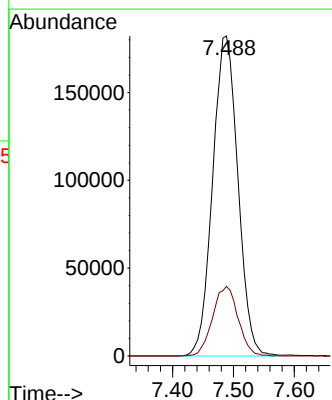
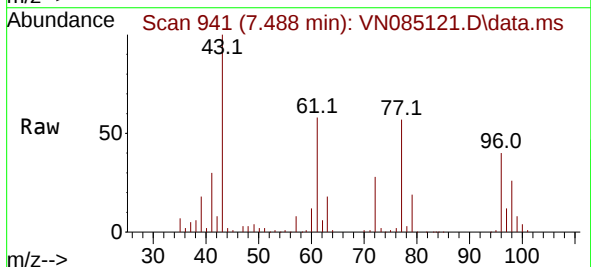
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

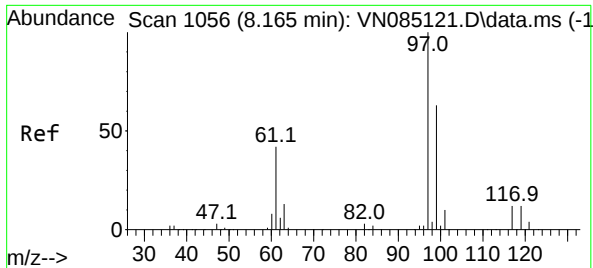
Tgt Ion: 43 Resp: 967143
Ion Ratio Lower Upper
43 100
57 8.5 6.9 10.3
72 28.2 21.8 32.8



#31
2,2-Dichloropropane
Concen: 153.308 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 77 Resp: 524946
Ion Ratio Lower Upper
77 100
97 21.8 0.0 0.0#

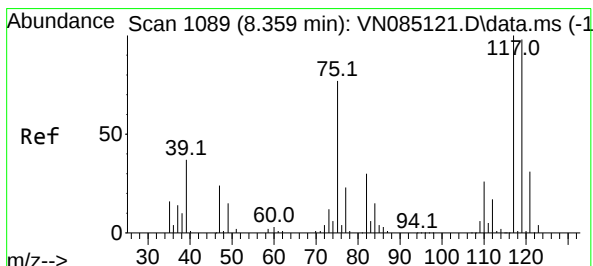
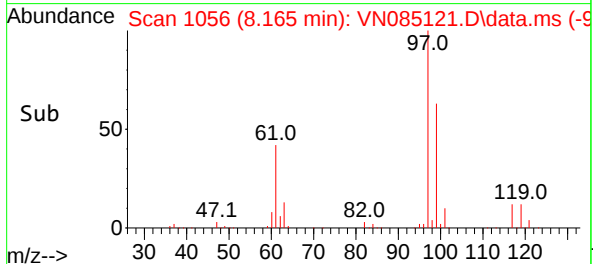
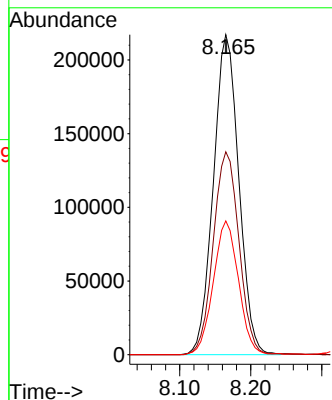
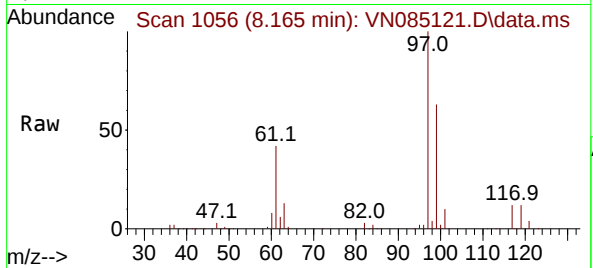




#32
1,1,1-Trichloroethane
Concen: 149.363 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

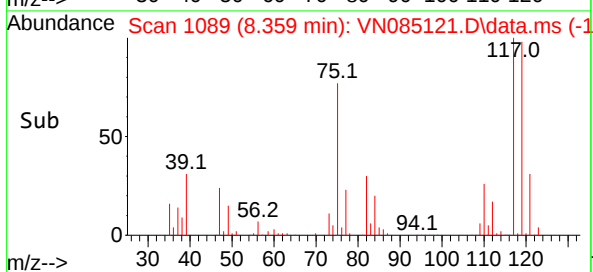
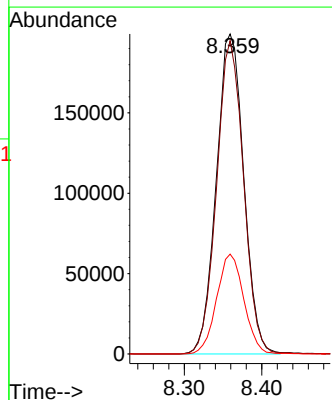
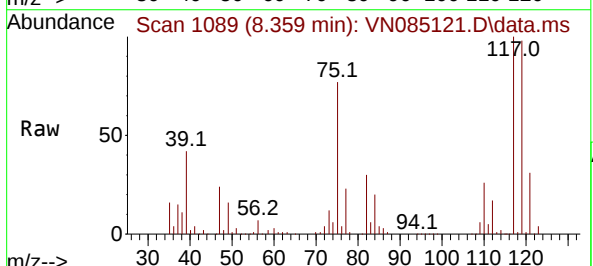
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

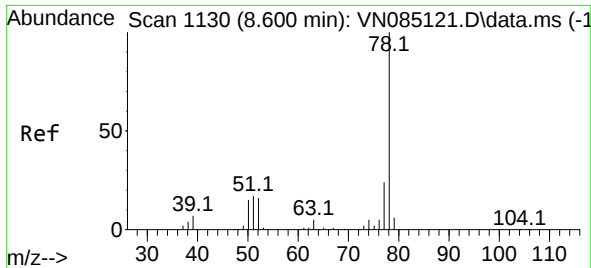
Tgt Ion: 97 Resp: 539832
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 41.4 32.7 49.1



#33
Carbon Tetrachloride
Concen: 150.360 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 117 Resp: 490377
Ion Ratio Lower Upper
117 100
119 97.9 81.6 122.4
121 31.2 26.5 39.7



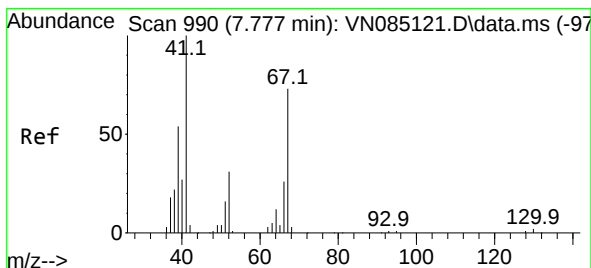
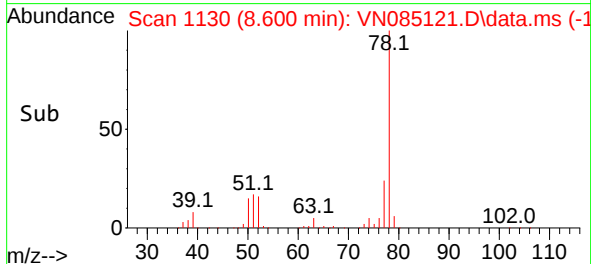
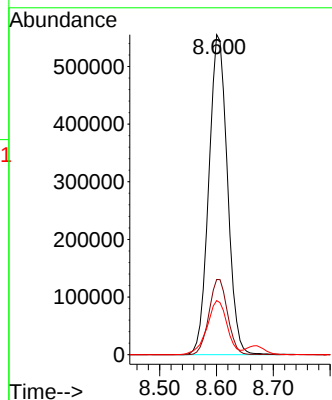
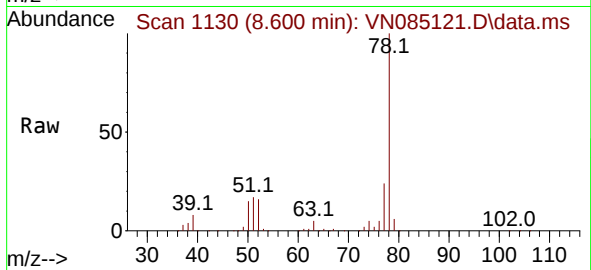


#34
Benzene
Concen: 150.194 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 78 Resp: 1259887

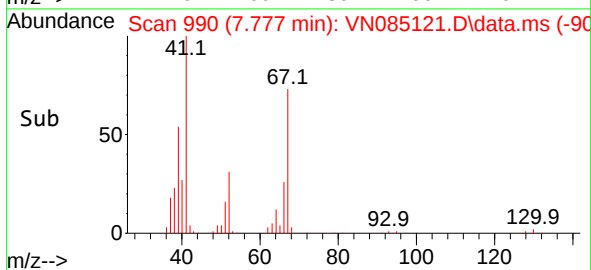
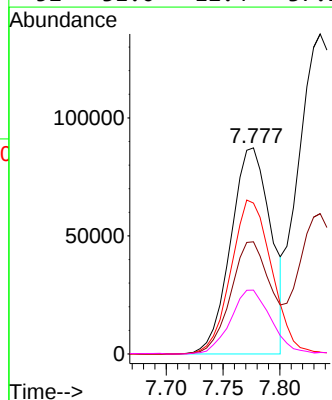
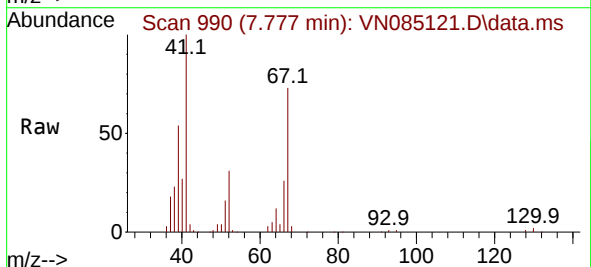
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.0	27.0
51	16.8	12.4	18.6

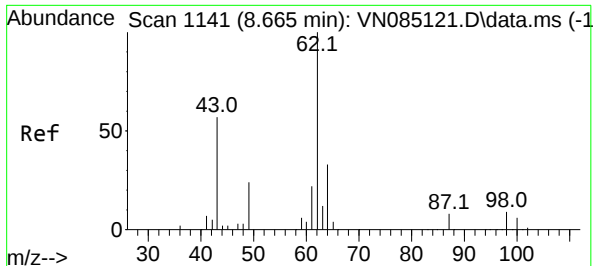


#35
Methacrylonitrile
Concen: 156.078 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 41 Resp: 215224

Ion	Ratio	Lower	Upper
41	100		
39	54.3	24.4	73.2
67	73.2	37.0	110.9
52	31.0	12.4	37.2

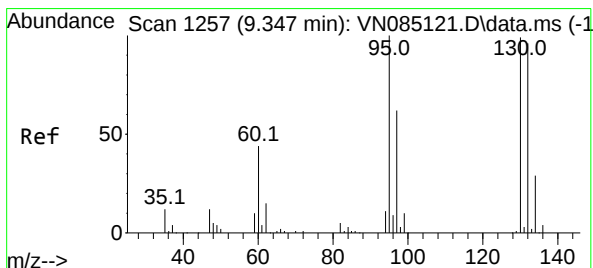
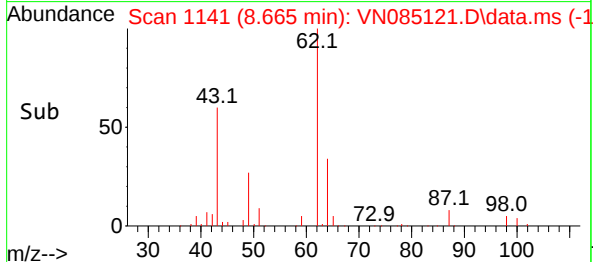
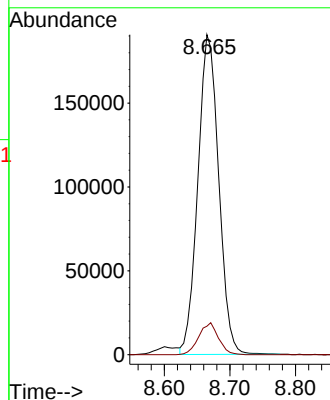
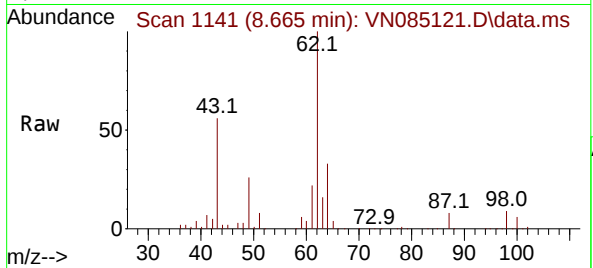




#36
1,2-Dichloroethane
Concen: 147.830 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

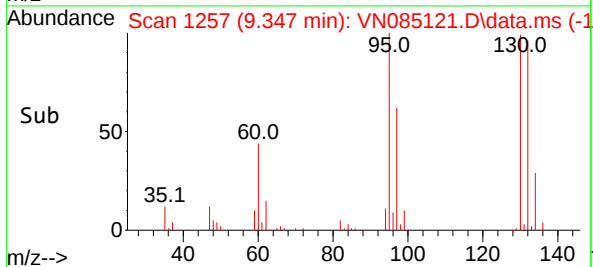
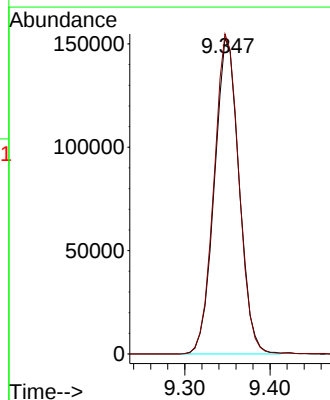
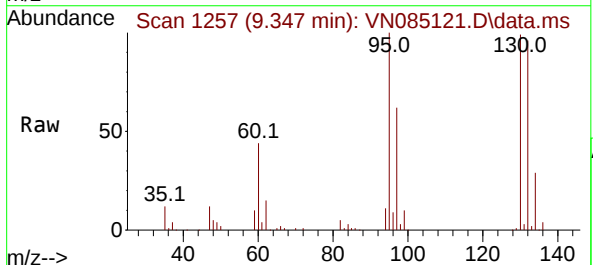
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

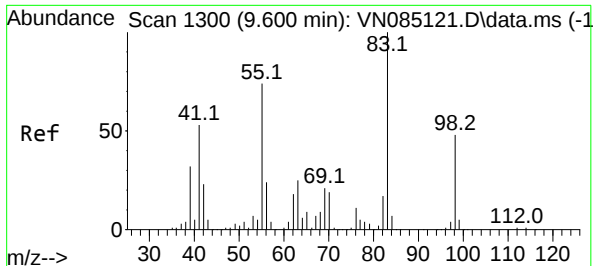
Tgt Ion: 62 Resp: 422140
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9



#37
Trichloroethene
Concen: 153.593 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion:130 Resp: 306812
Ion Ratio Lower Upper
130 100
95 101.3 76.2 114.4





#38

Methylcyclohexane

Concen: 168.903 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

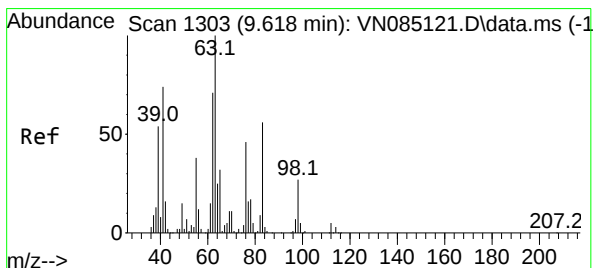
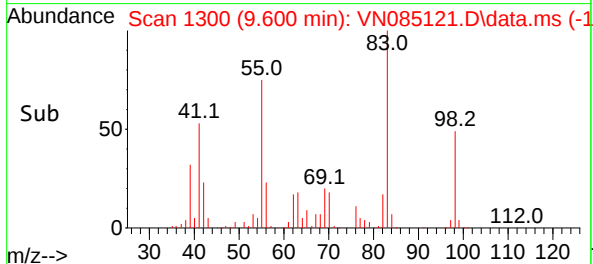
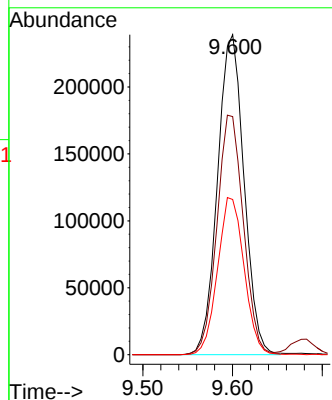
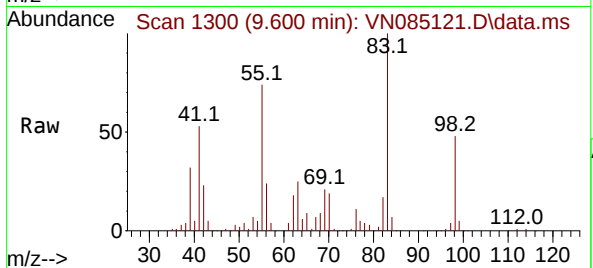
Tgt Ion: 83 Resp: 490389

Ion Ratio Lower Upper

83 100

55 74.7 41.4 124.4

98 49.2 25.7 77.1



#39

1,2-Dichloropropane

Concen: 149.691 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085121.D

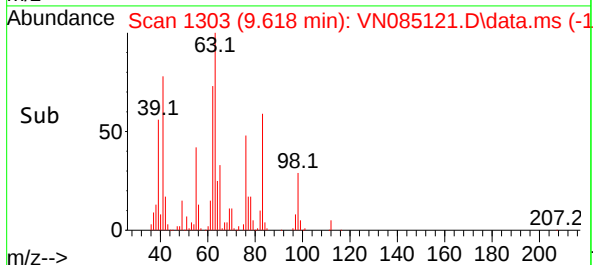
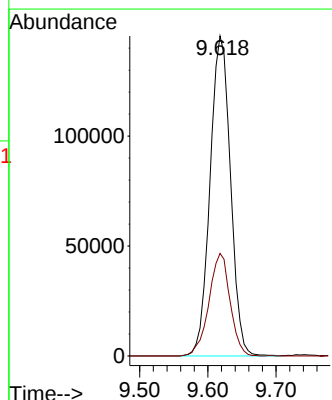
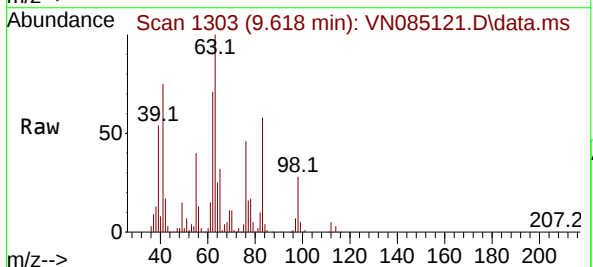
Acq: 06 Dec 2024 11:37

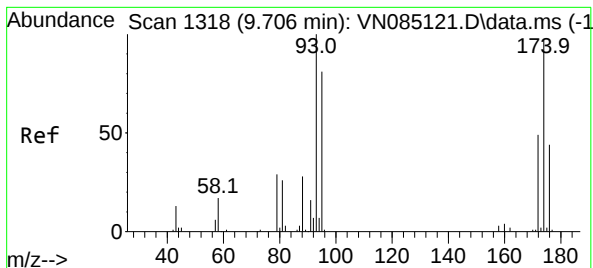
Tgt Ion: 63 Resp: 304138

Ion Ratio Lower Upper

63 100

65 32.1 23.4 35.0





#40

Dibromomethane

Concen: 149.905 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

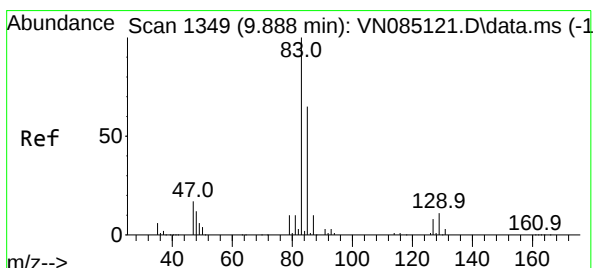
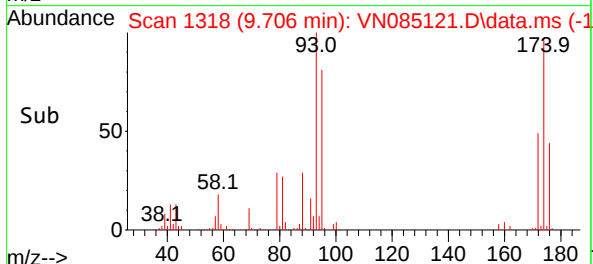
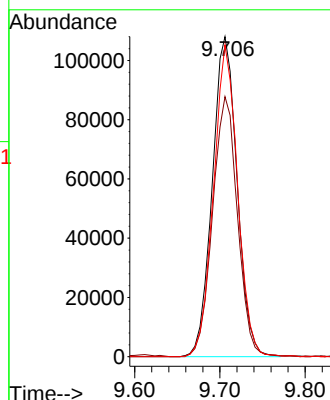
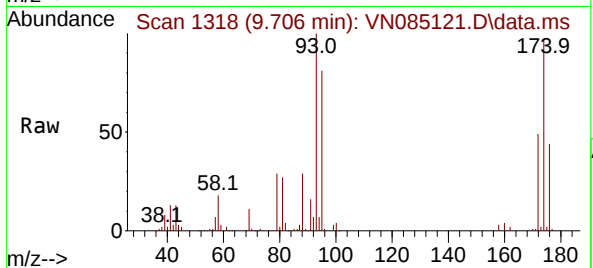
Tgt Ion: 93 Resp: 218470

Ion Ratio Lower Upper

93 100

95 81.5 0.0 169.4

174 94.5 0.0 189.8



#41

Bromodichloromethane

Concen: 150.750 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

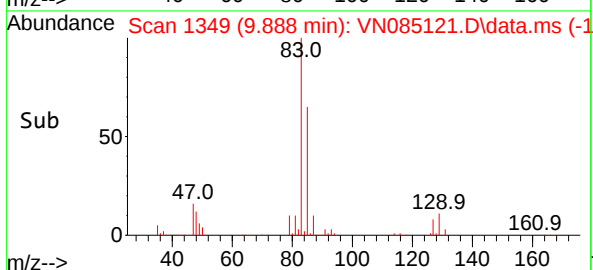
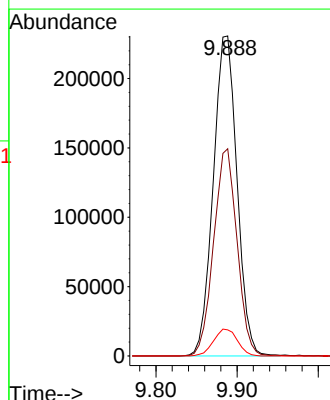
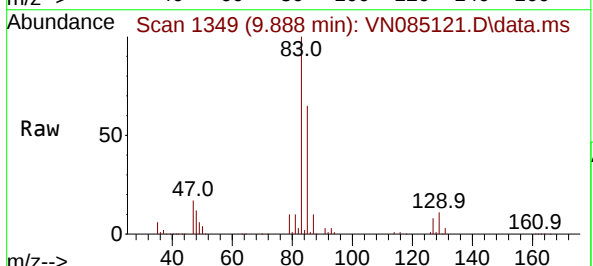
Tgt Ion: 83 Resp: 469670

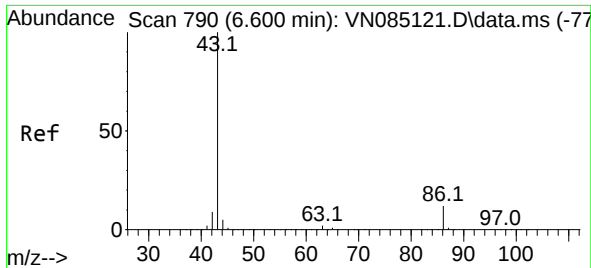
Ion Ratio Lower Upper

83 100

85 64.7 54.6 81.8

127 8.2 7.0 10.6

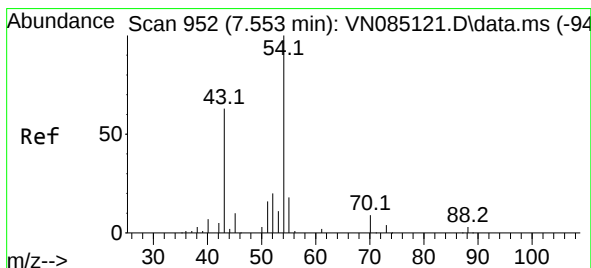
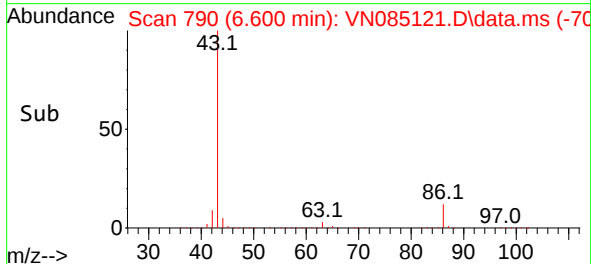
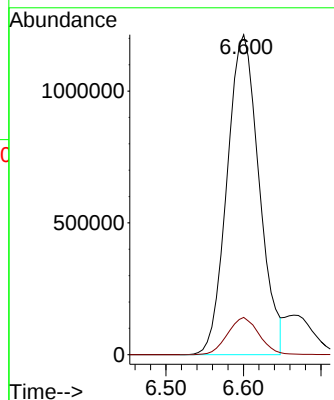
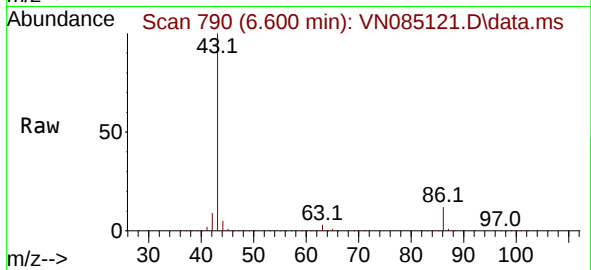




#42
 Vinyl Acetate
 Concen: 814.821 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

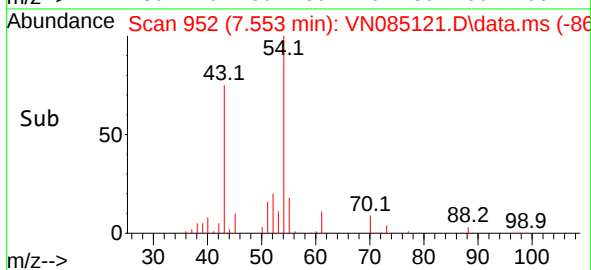
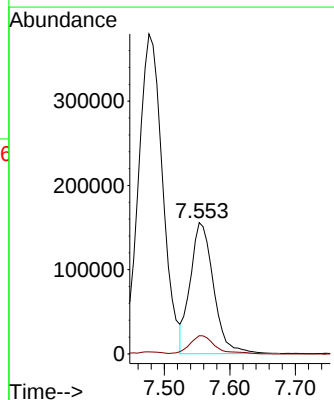
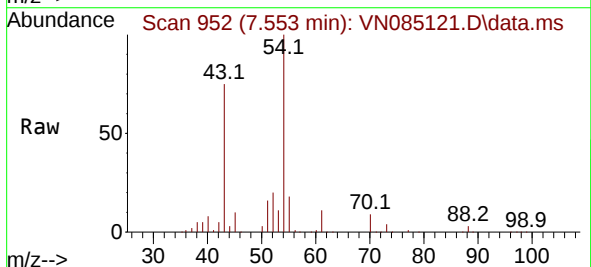
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

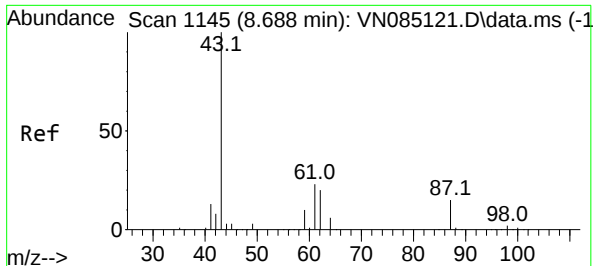
Tgt Ion: 43 Resp: 3493830
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#43
 Ethyl Acetate
 Concen: 156.937 ug/l
 RT: 7.553 min Scan# 952
 Delta R.T. -0.006 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

Tgt Ion: 43 Resp: 382630
 Ion Ratio Lower Upper
 43 100
 45 14.9 13.3 19.9

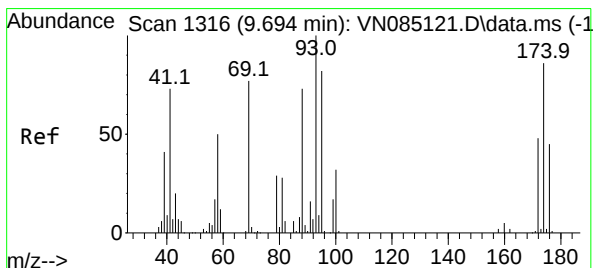
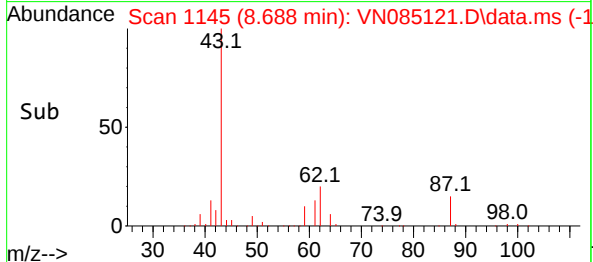
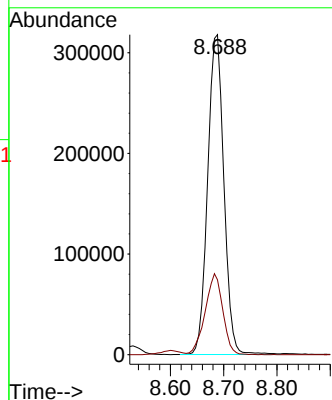
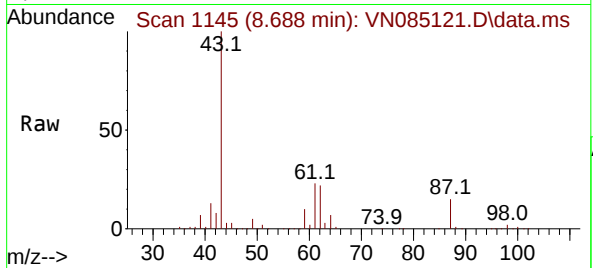




#44
Isopropyl Acetate
Concen: 158.696 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

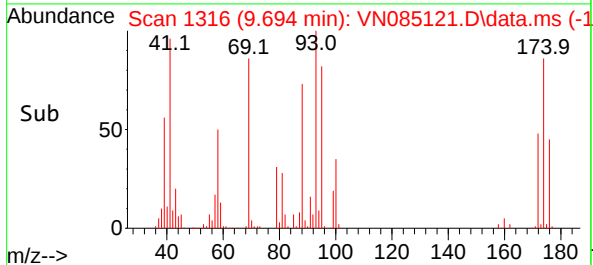
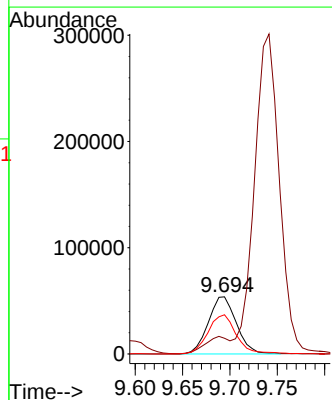
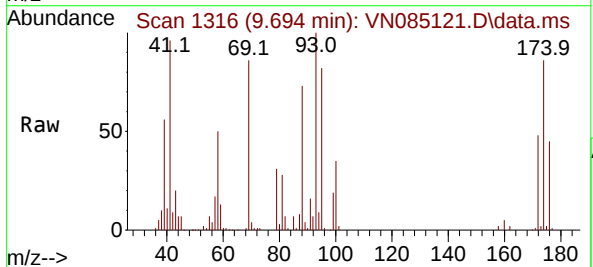
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

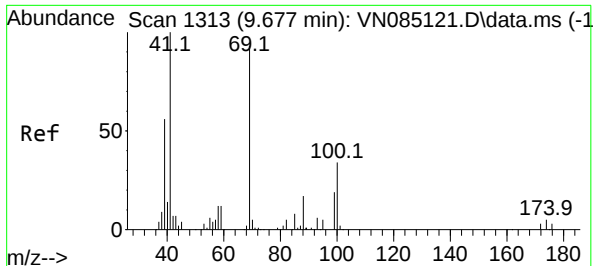
Tgt Ion: 43 Resp: 672392
Ion Ratio Lower Upper
43 100
61 27.5 21.5 32.3



#45
1,4-Dioxane
Concen: 3147.777 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 88 Resp: 111218
Ion Ratio Lower Upper
88 100
43 25.9 21.7 32.5
58 69.4 52.6 79.0

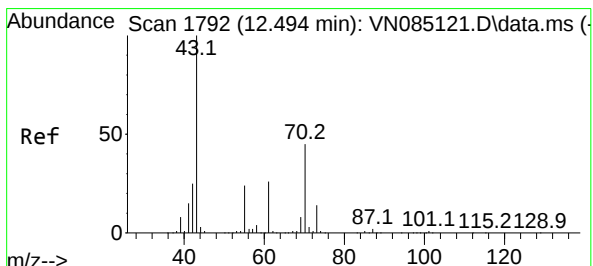
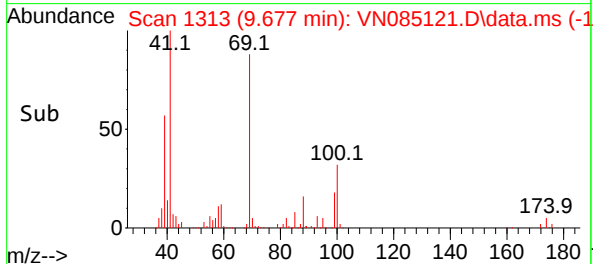
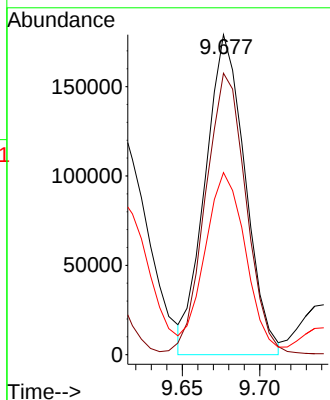
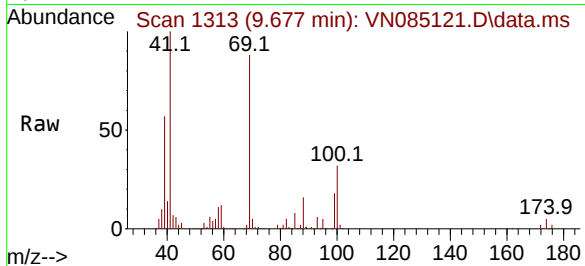




#46
Methyl methacrylate
Concen: 165.471 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

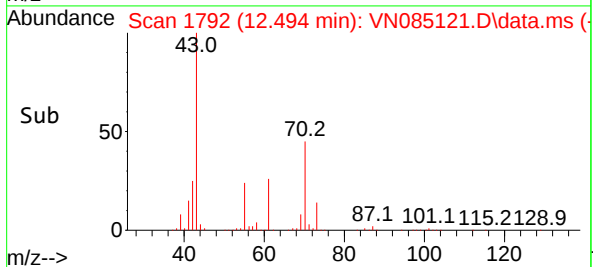
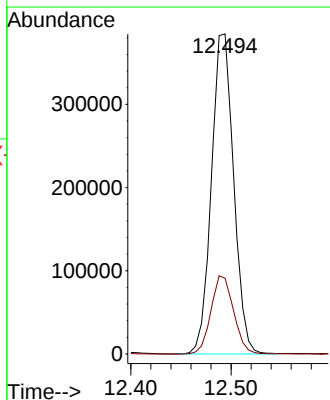
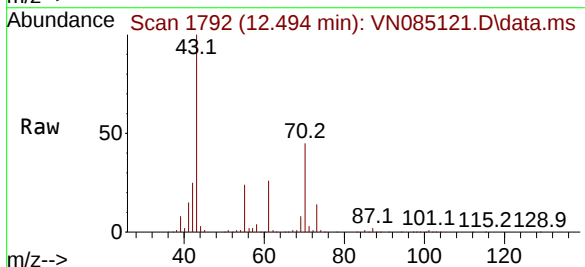
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

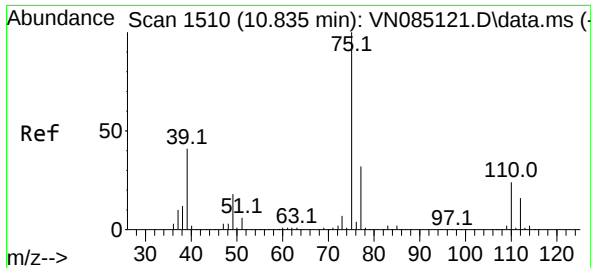
Tgt Ion: 41 Resp: 320862
Ion Ratio Lower Upper
41 100
69 88.7 46.7 140.0
39 56.7 28.5 85.5



#47
n-amy1 Acetate
Concen: 166.246 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 43 Resp: 592642
Ion Ratio Lower Upper
43 100
55 24.8 23.3 34.9

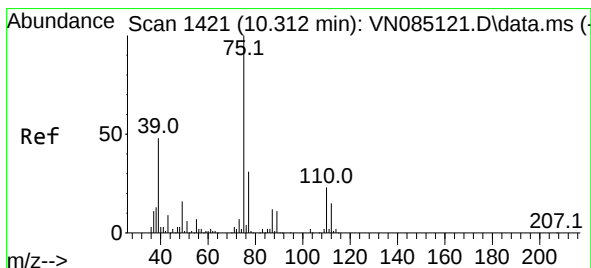
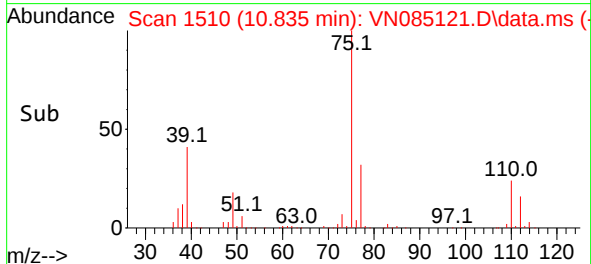
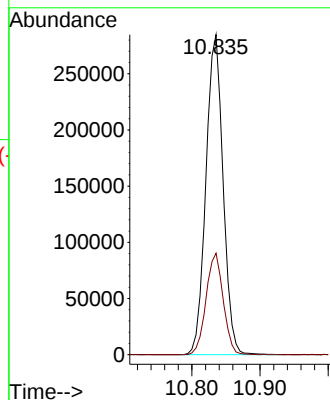
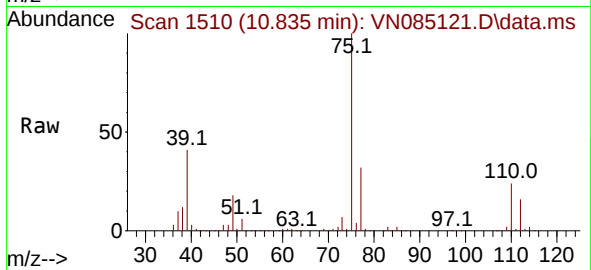




#48
t-1,3-Dichloropropene
Concen: 163.202 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

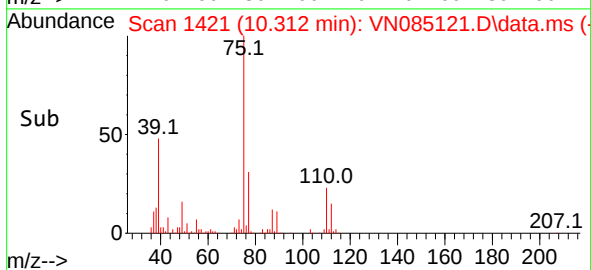
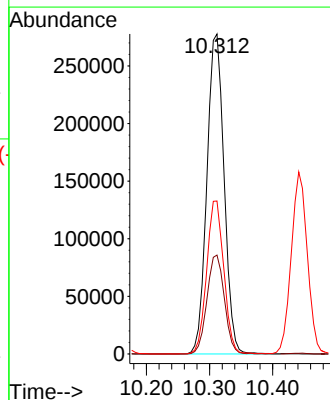
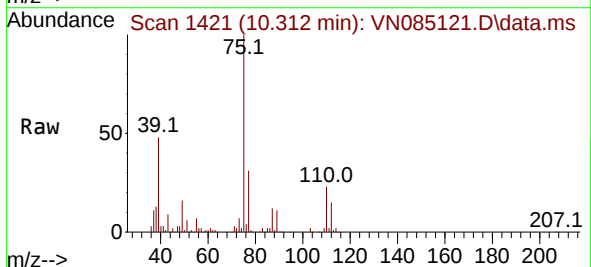
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

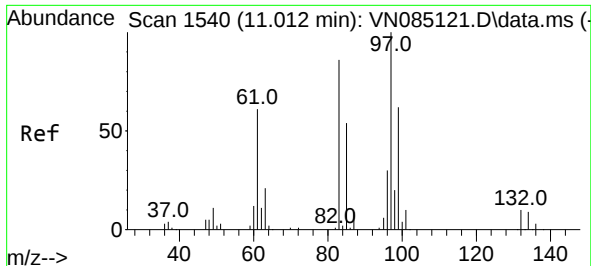
Tgt Ion: 75 Resp: 499133
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3



#49
cis-1,3-Dichloropropene
Concen: 157.986 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 75 Resp: 525997
Ion Ratio Lower Upper
75 100
77 30.9 23.8 35.6
39 47.7 37.3 55.9

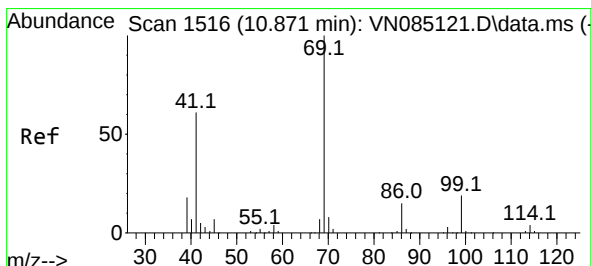
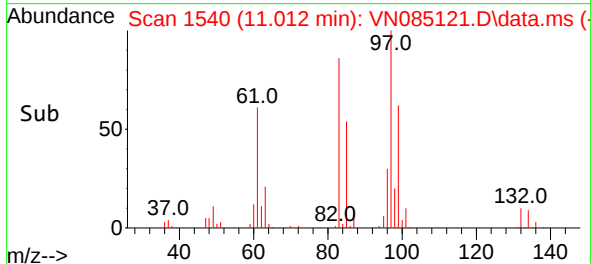
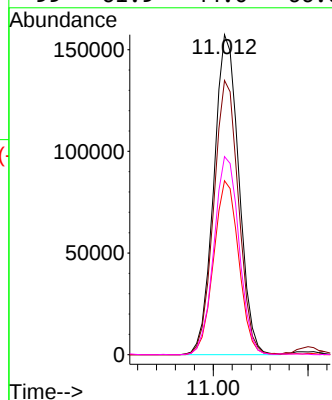
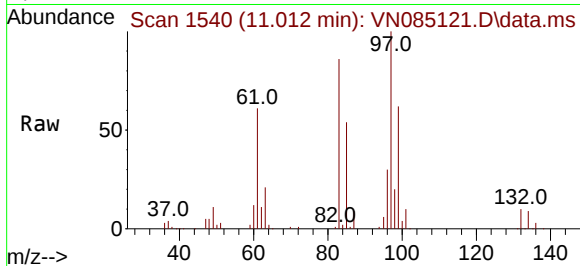




#50
1,1,2-Trichloroethane
Concen: 147.159 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

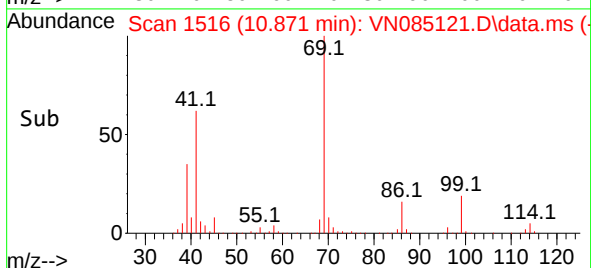
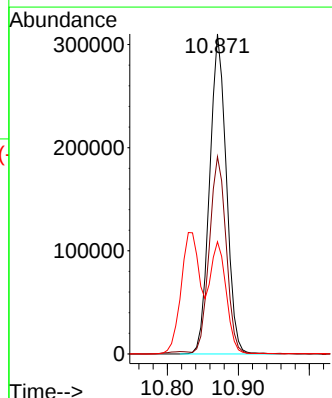
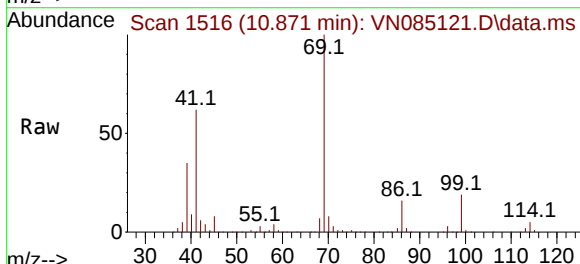
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

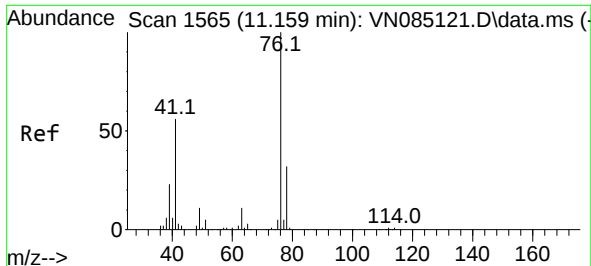
Tgt Ion:	97	Resp:	289001
Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.8	98.8
85	54.3	40.8	61.2
99	61.9	44.0	66.0



#51
Ethyl methacrylate
Concen: 169.495 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion:	69	Resp:	506274
Ion	Ratio	Lower	Upper
69	100		
41	61.4	32.1	96.3
39	35.0	18.8	56.4

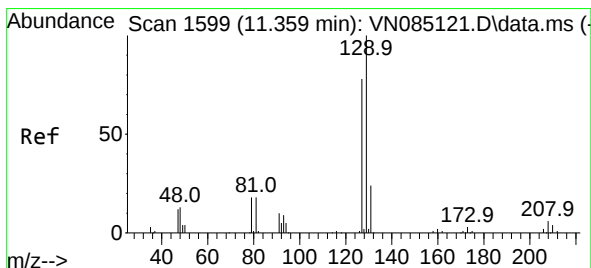
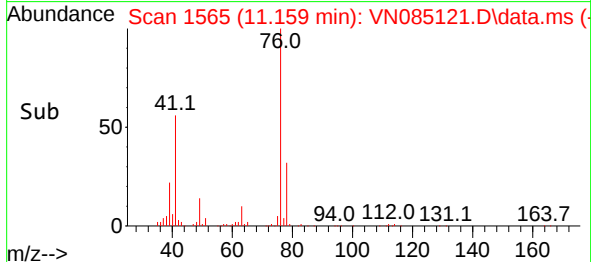
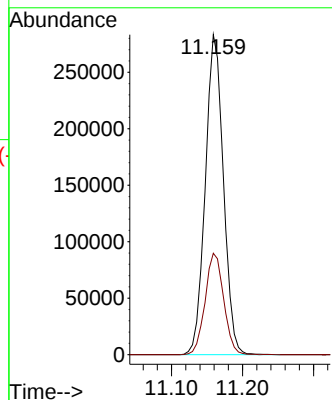
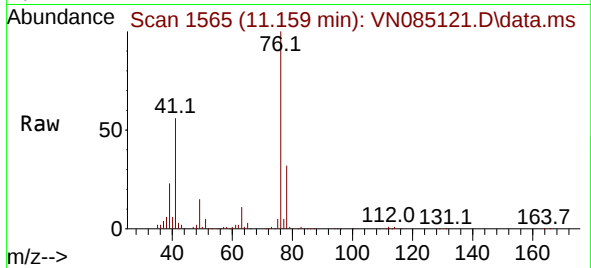




#52
1,3-Dichloropropane
Concen: 152.638 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

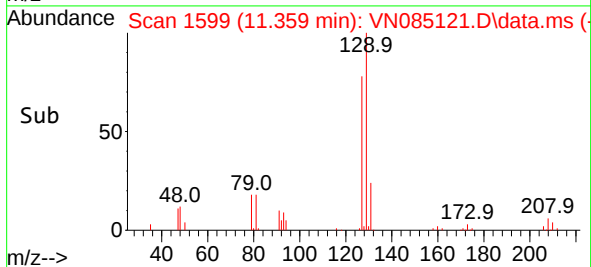
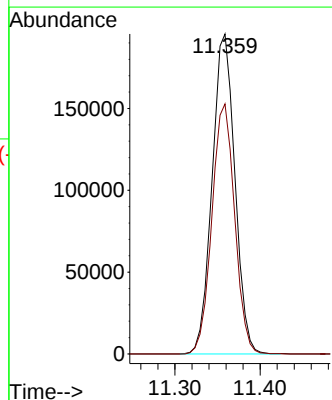
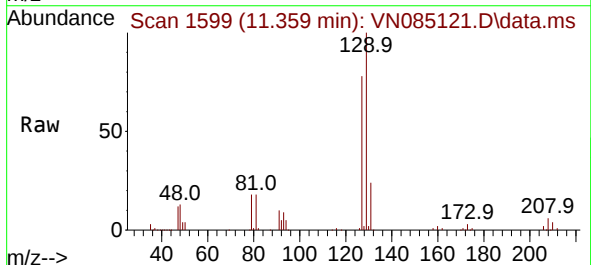
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

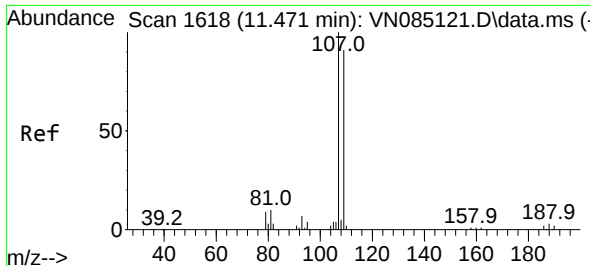
Tgt Ion: 76 Resp: 501665
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.6



#53
Dibromochloromethane
Concen: 151.395 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 129 Resp: 362326
Ion Ratio Lower Upper
129 100
127 78.1 37.3 111.9

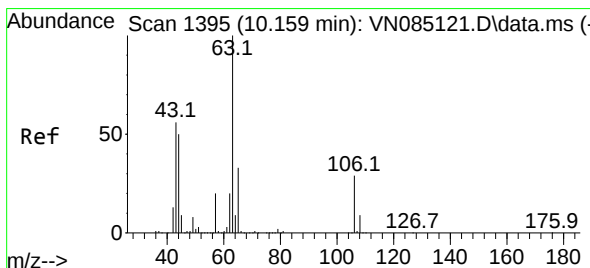
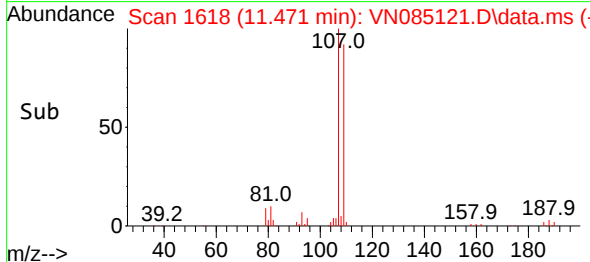
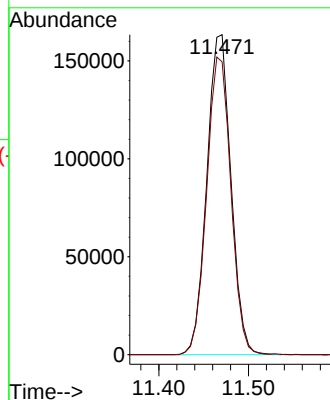
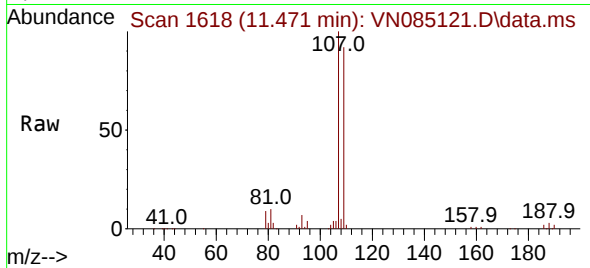




#54
1,2-Dibromoethane
Concen: 154.261 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

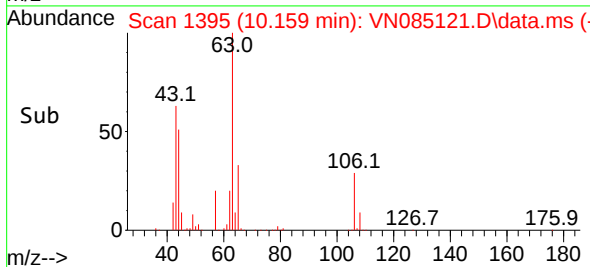
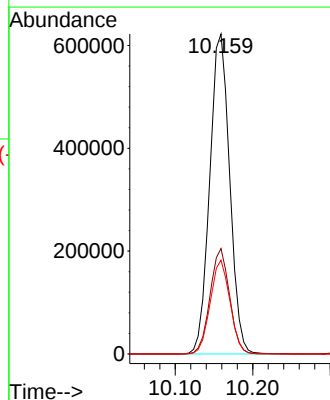
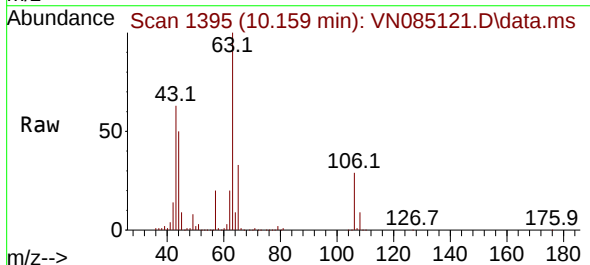
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

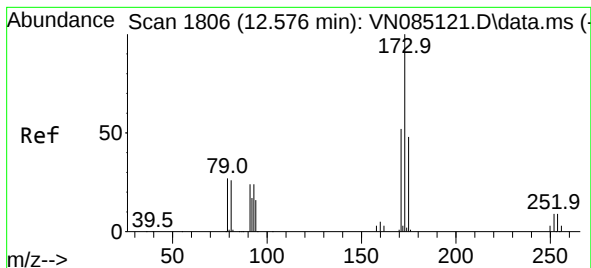
Tgt Ion:107 Resp: 305232
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8



#55
2-Chloroethyl vinyl ether
Concen: 801.795 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 63 Resp: 1112538
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 28.9 23.5 35.3





#56

Bromoform

Concen: 155.551 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

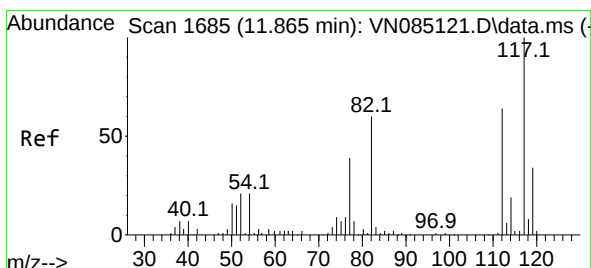
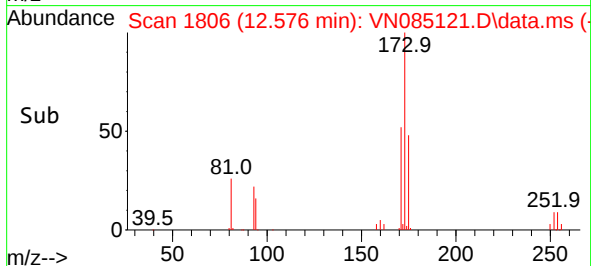
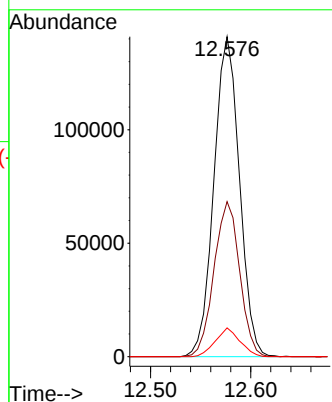
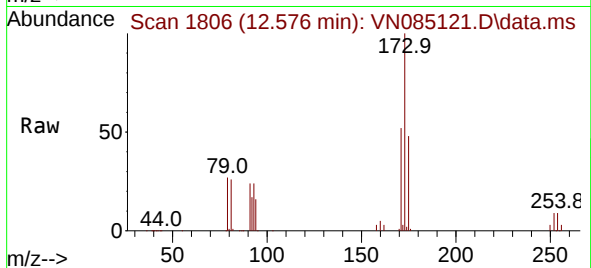
Tgt Ion:173 Resp: 249601

Ion Ratio Lower Upper

173 100

175 48.6 40.2 60.2

254 8.7 6.2 9.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

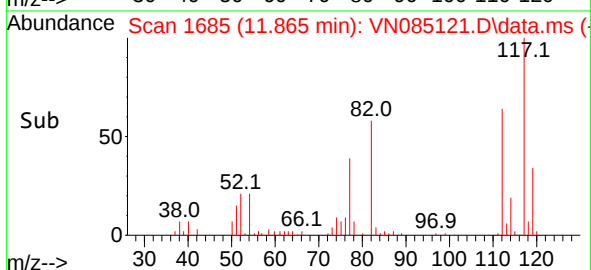
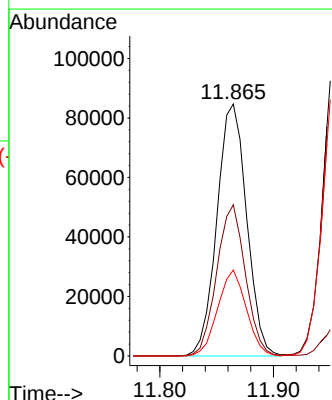
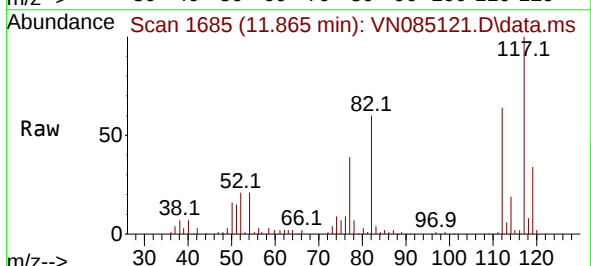
Tgt Ion:117 Resp: 154258

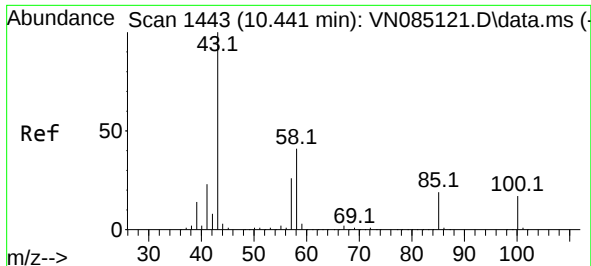
Ion Ratio Lower Upper

117 100

82 57.8 44.2 66.4

119 32.7 25.4 38.2

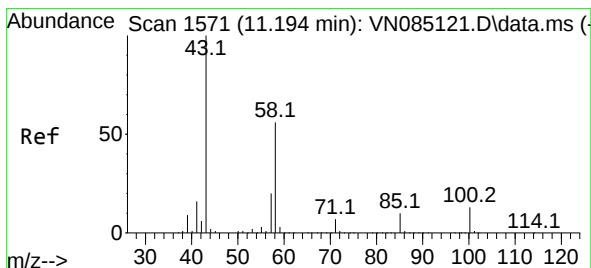
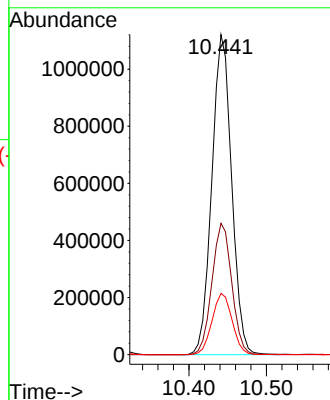
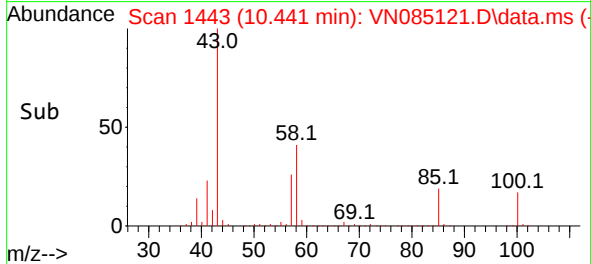
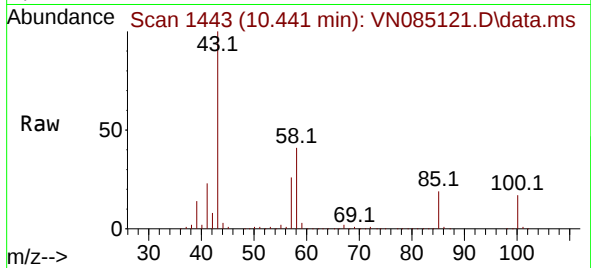




#58
4-Methyl-2-Pentanone
Concen: 789.691 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

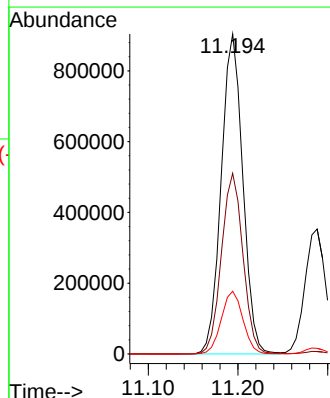
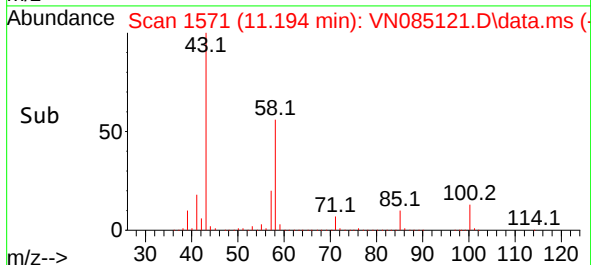
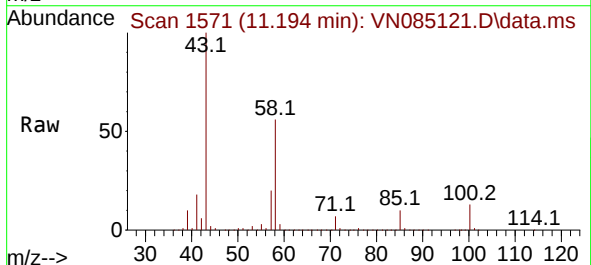
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

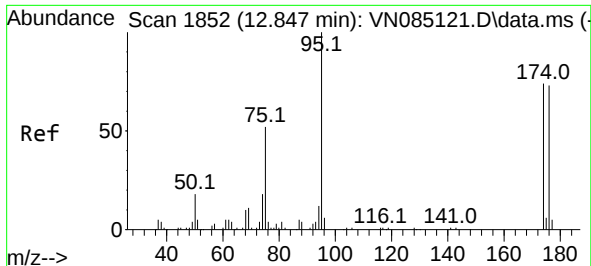
Tgt Ion: 43 Resp: 1988082
Ion Ratio Lower Upper
43 100
58 41.2 31.6 47.4
85 19.5 15.0 22.6



#59
2-Hexanone
Concen: 790.966 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 43 Resp: 1508817
Ion Ratio Lower Upper
43 100
58 56.3 43.6 65.4
57 19.7 15.4 23.0

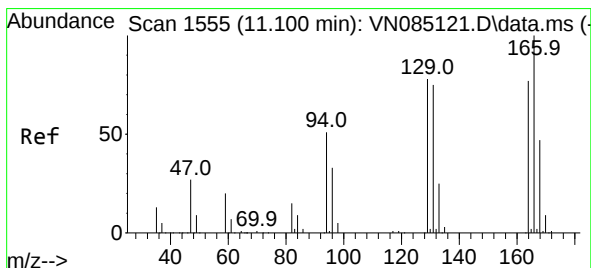
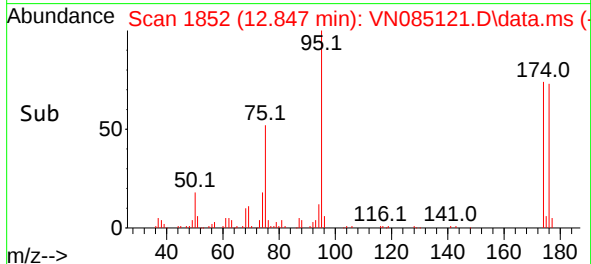
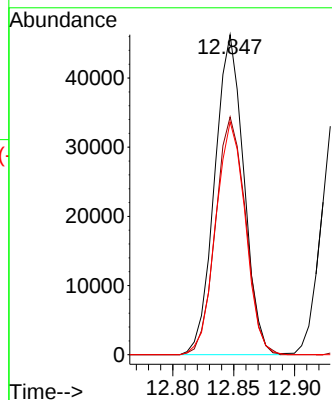
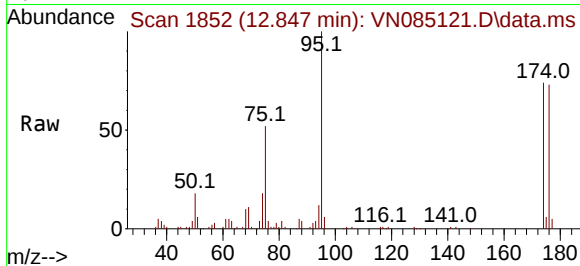




#60
4-Bromofluorobenzene
Concen: 30.183 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

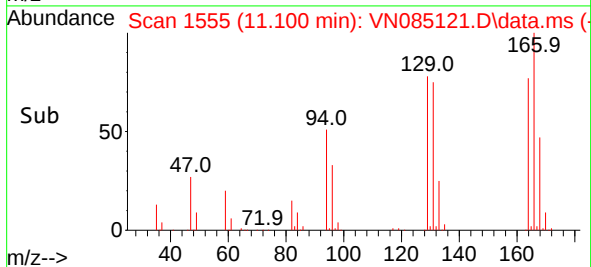
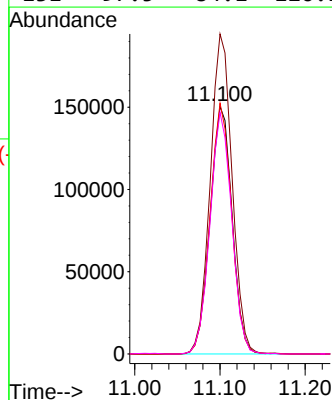
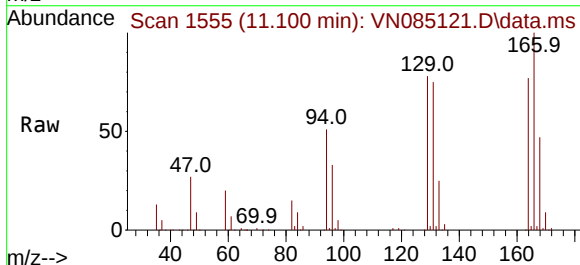
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

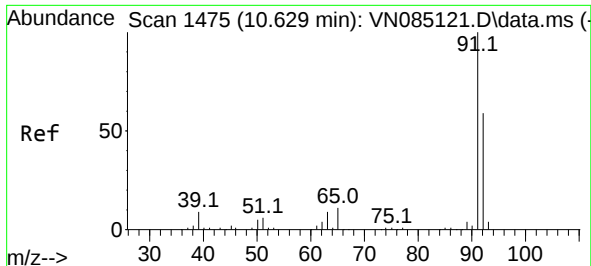
Tgt Ion: 95 Resp: 77038
Ion Ratio Lower Upper
95 100
174 76.4 60.3 90.5
176 74.3 57.4 86.0



#61
Tetrachloroethene
Concen: 144.976 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 164 Resp: 270825
Ion Ratio Lower Upper
164 100
166 129.3 103.8 155.8
129 101.3 84.2 126.4
131 97.5 84.1 126.1





#62

Toluene

Concen: 152.311 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

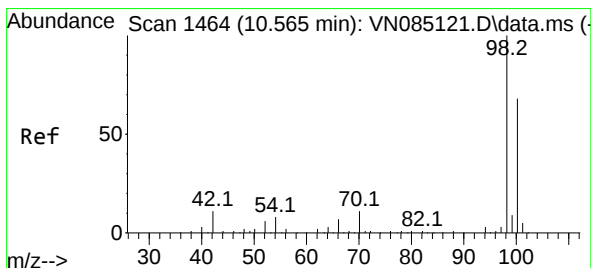
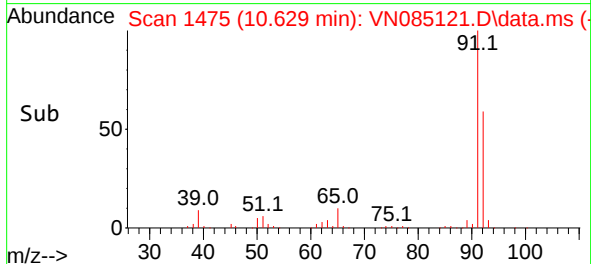
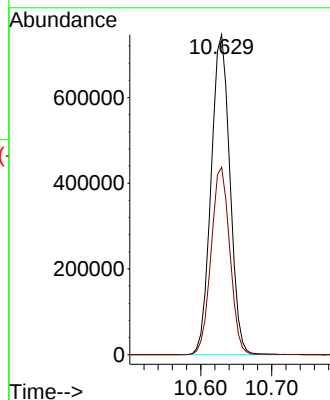
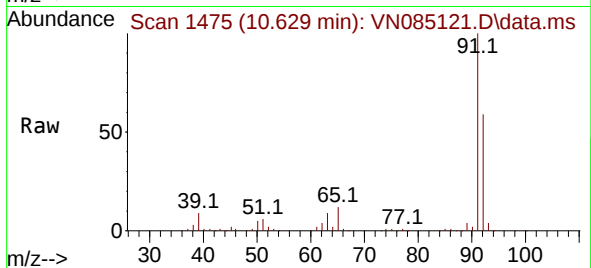
VSTDIC150

Tgt Ion: 91 Resp: 1370241

Ion Ratio Lower Upper

91 100

92 58.5 46.5 69.7



#63

Toluene-d8

Concen: 29.150 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085121.D

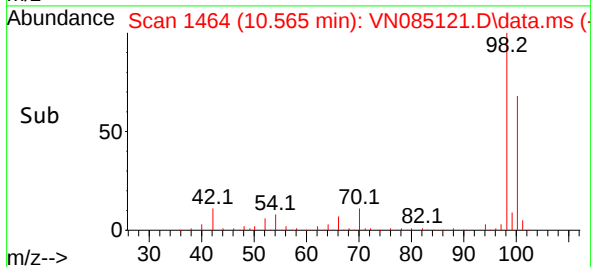
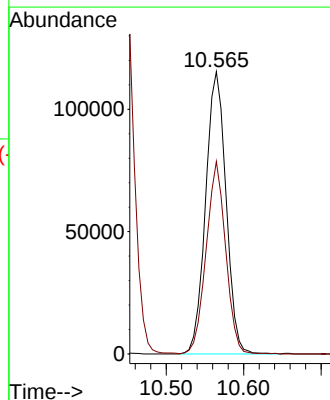
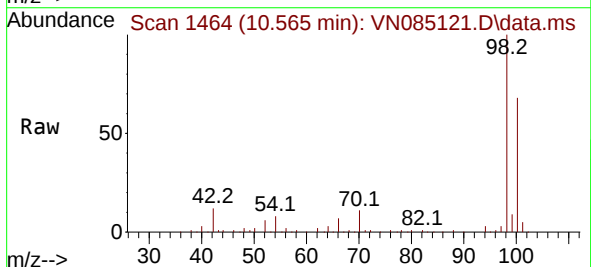
Acq: 06 Dec 2024 11:37

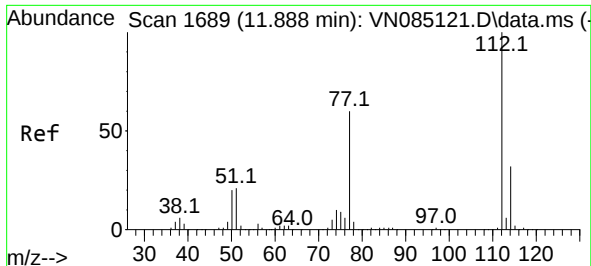
Tgt Ion: 98 Resp: 210929

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

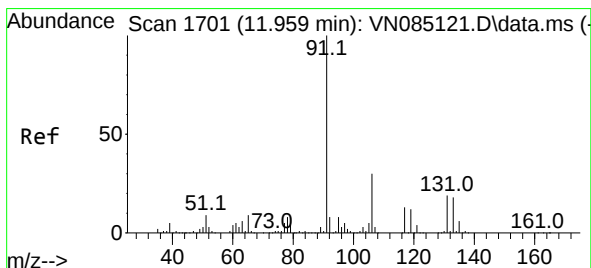
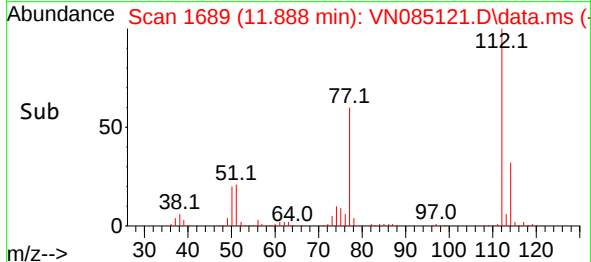
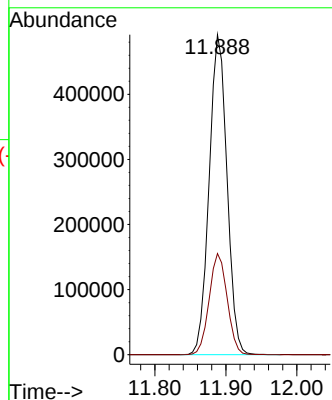
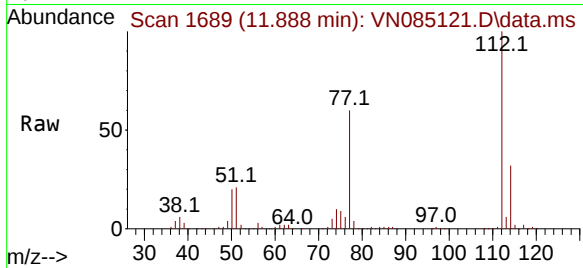




#64
Chlorobenzene
Concen: 154.562 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

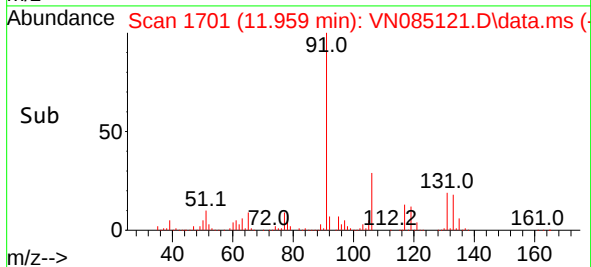
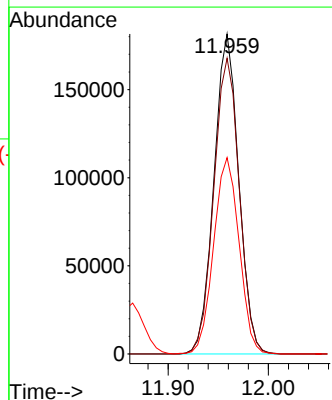
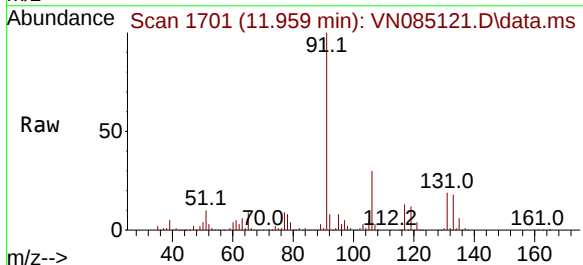
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

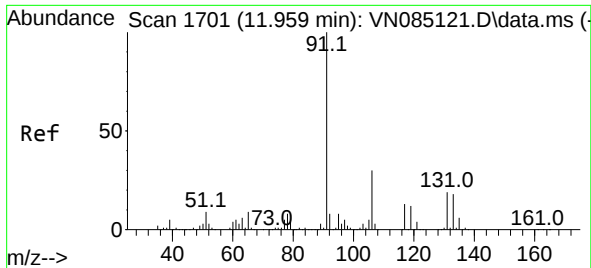
Tgt Ion:112 Resp: 858494
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#65
1,1,1,2-Tetrachloroethane
Concen: 150.134 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion:131 Resp: 311301
Ion Ratio Lower Upper
131 100
133 95.3 0.0 194.0
119 63.1 0.0 131.8

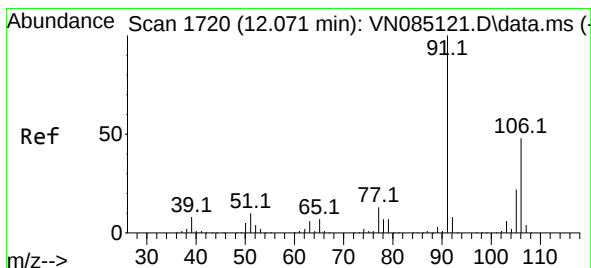
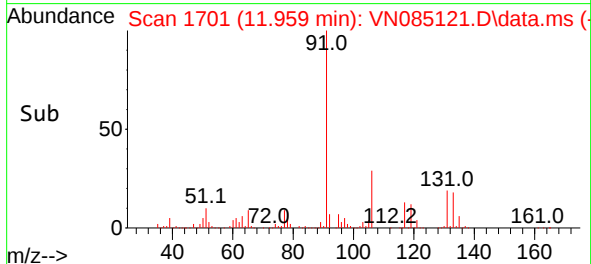
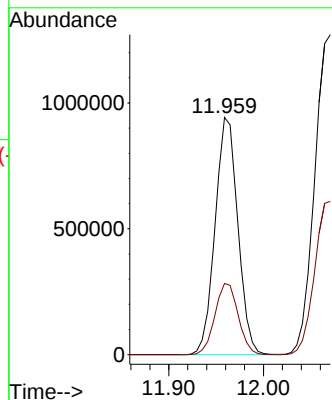
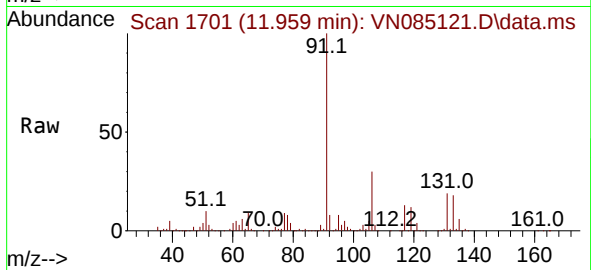




#66
Ethyl Benzene
Concen: 164.874 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

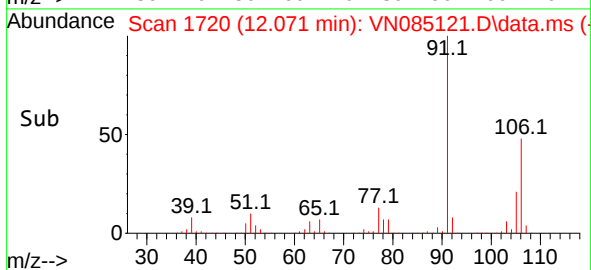
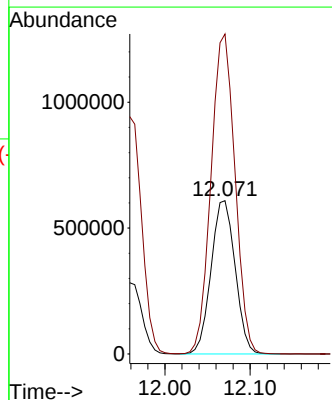
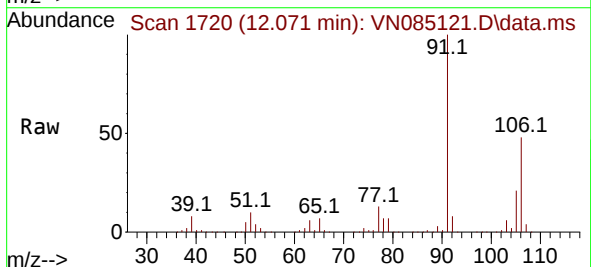
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

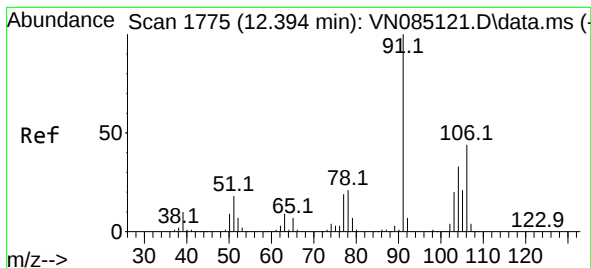
Tgt Ion: 91 Resp: 1573924
Ion Ratio Lower Upper
91 100
106 30.0 23.1 34.7



#67
m/p-Xylenes
Concen: 325.683 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion:106 Resp: 1195807
Ion Ratio Lower Upper
106 100
91 208.3 165.0 247.4





#68

o-Xylene

Concen: 163.091 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

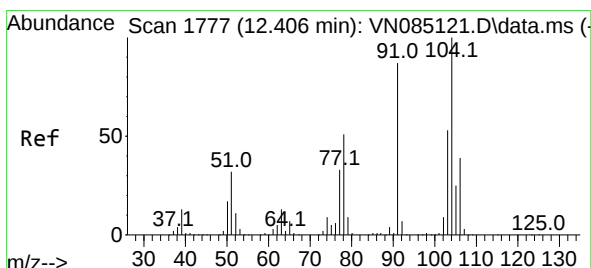
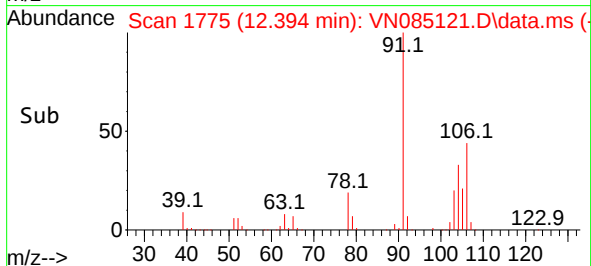
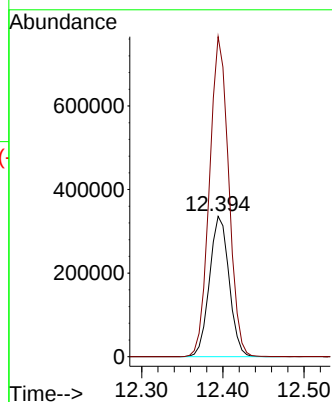
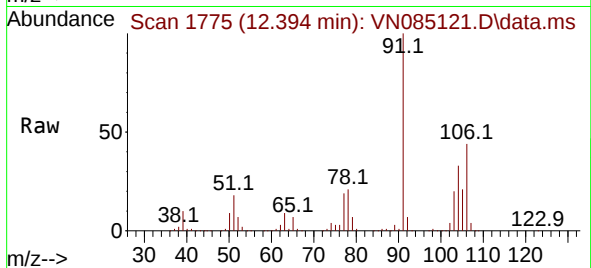
VSTDIC150

Tgt Ion:106 Resp: 562377

Ion Ratio Lower Upper

106 100

91 224.1 112.1 336.4



#69

Styrene

Concen: 166.883 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

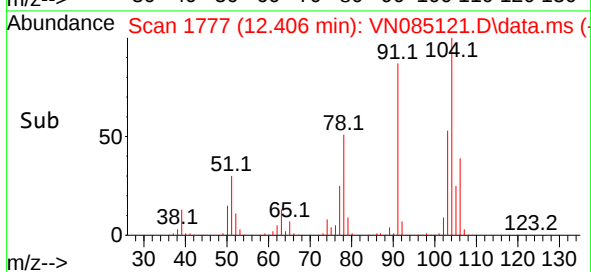
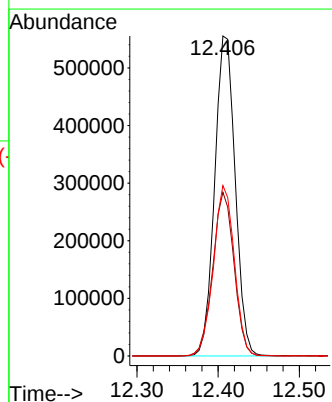
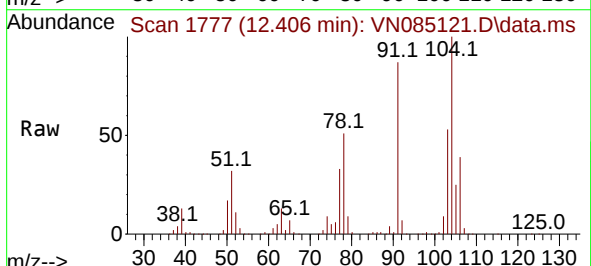
Tgt Ion:104 Resp: 976478

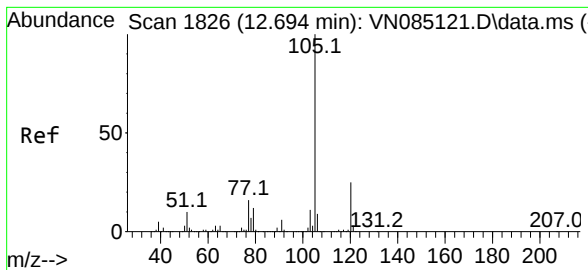
Ion Ratio Lower Upper

104 100

78 53.0 42.3 63.5

103 54.4 44.4 66.6

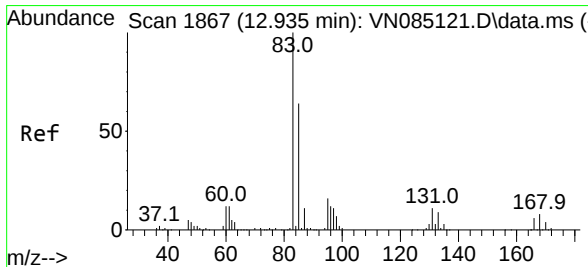
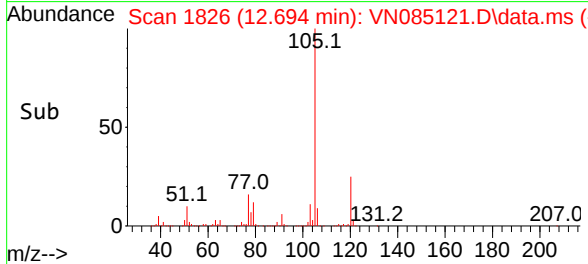
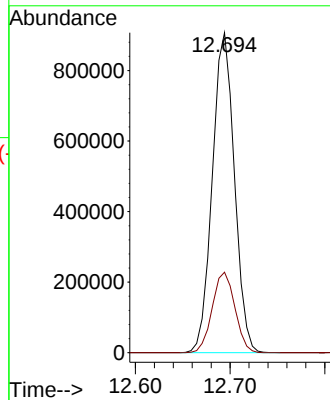
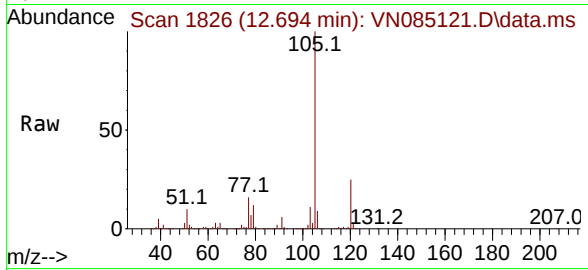




#70
Isopropylbenzene
Concen: 165.057 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

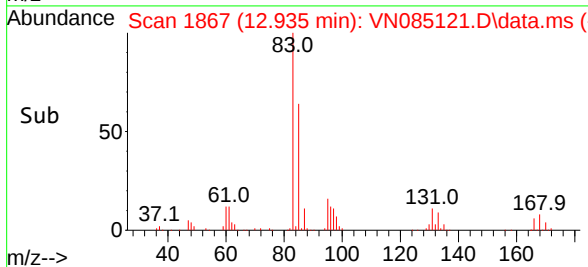
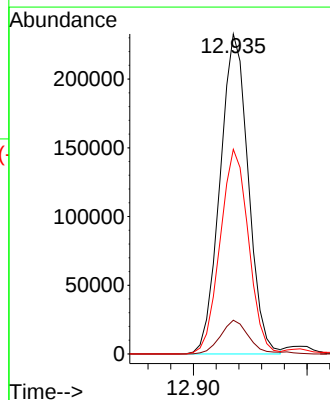
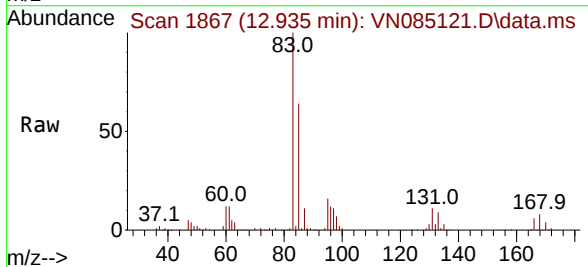
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

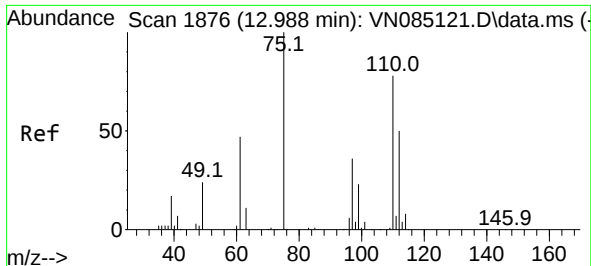
Tgt Ion:105 Resp: 1467994
Ion Ratio Lower Upper
105 100
120 25.8 18.3 33.9



#71
1,1,2,2-Tetrachloroethane
Concen: 148.393 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 83 Resp: 401707
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.4 31.1 93.5

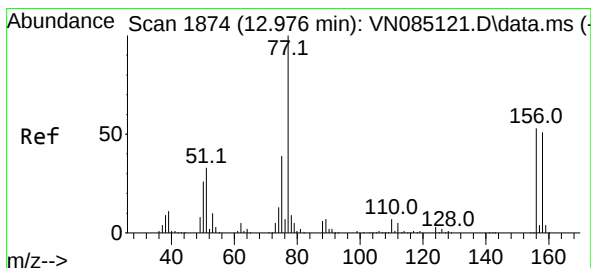
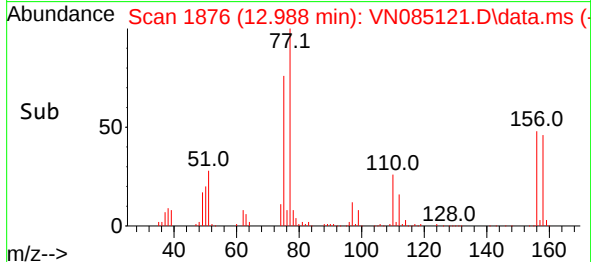
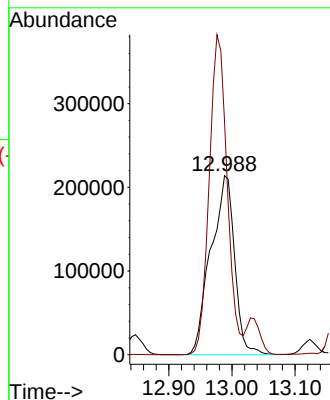
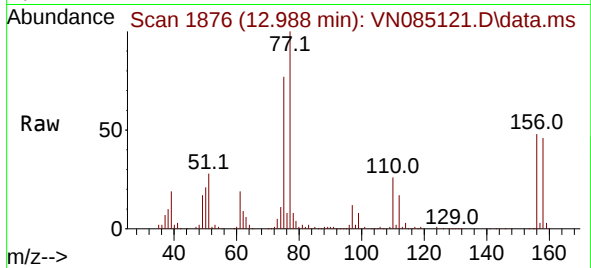




#72
1,2,3-Trichloropropane
Concen: 209.140 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

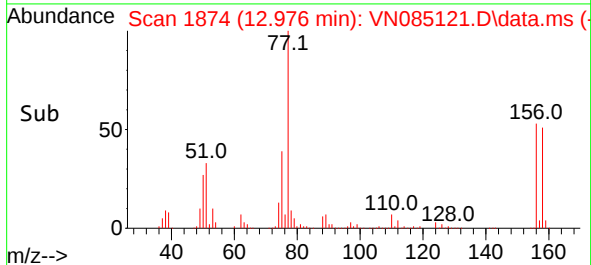
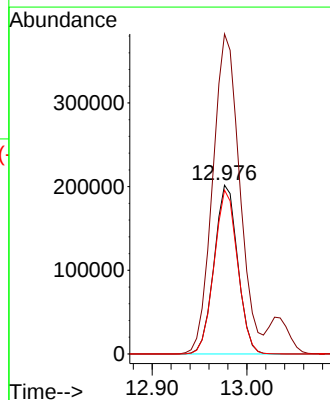
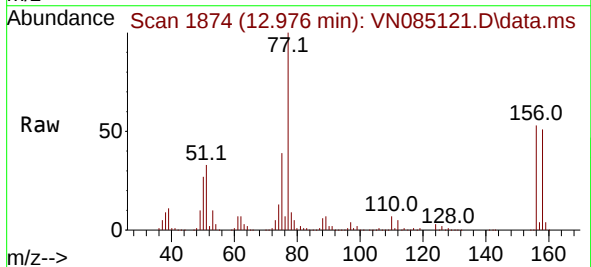
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

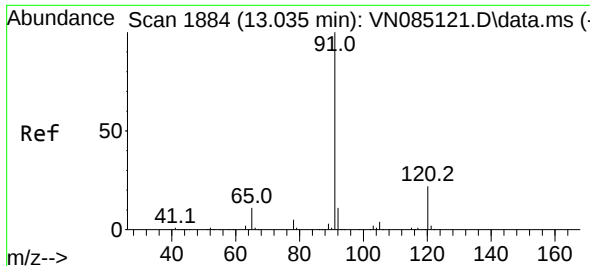
Tgt Ion: 75 Resp: 559263
Ion Ratio Lower Upper
75 100
77 135.6 0.0 339.0



#73
Bromobenzene
Concen: 156.185 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion:156 Resp: 347939
Ion Ratio Lower Upper
156 100
77 217.9 0.0 430.4
158 97.0 0.0 195.2

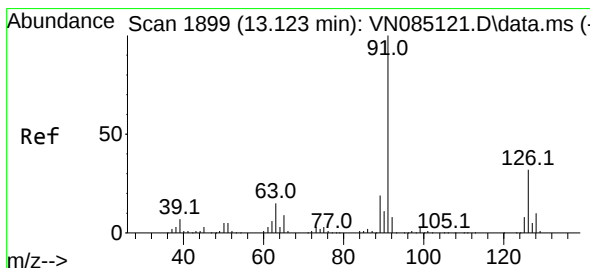
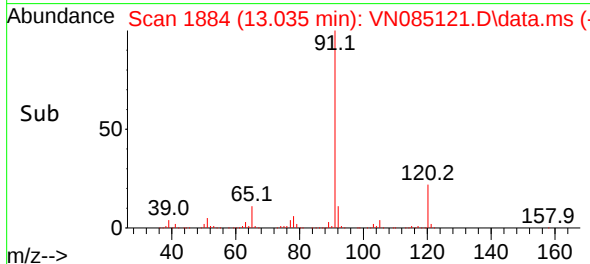
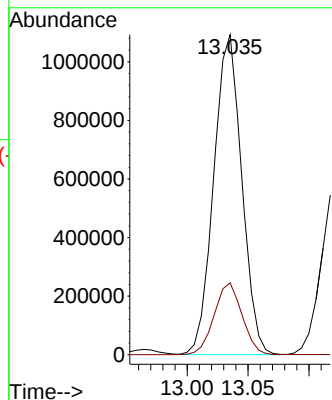
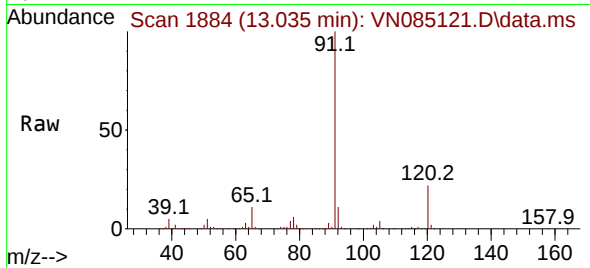




#74
n-propylbenzene
Concen: 163.317 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

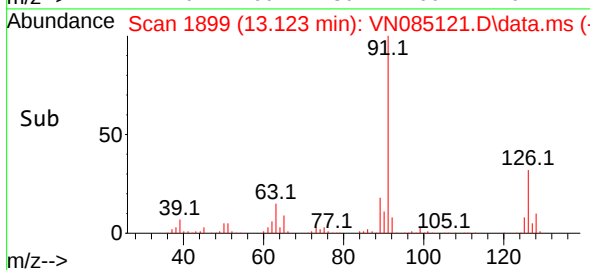
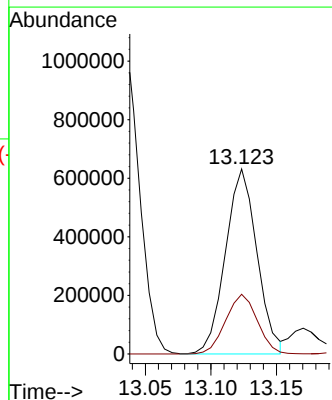
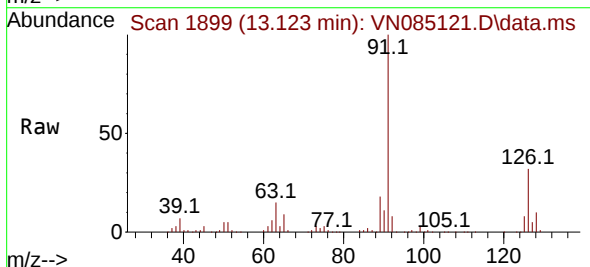
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

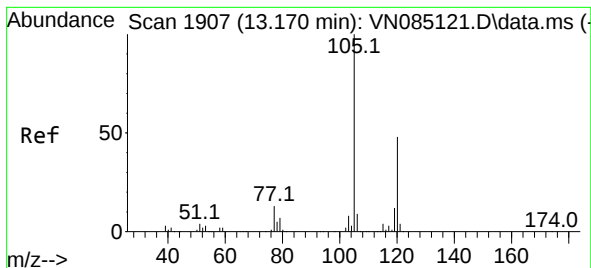
Tgt Ion: 91 Resp: 1746230
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0



#75
2-Chlorotoluene
Concen: 159.945 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 91 Resp: 1057392
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.2





#76

1,3,5-Trimethylbenzene

Concen: 162.904 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

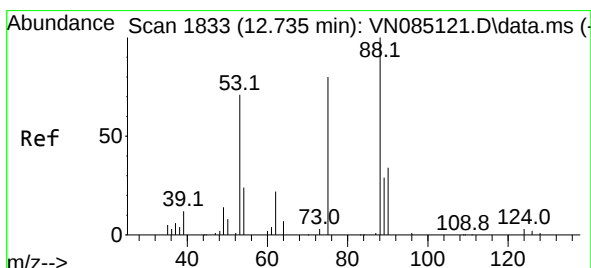
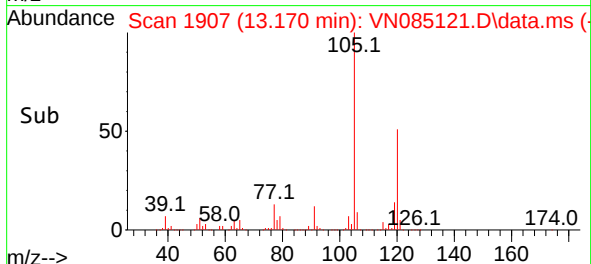
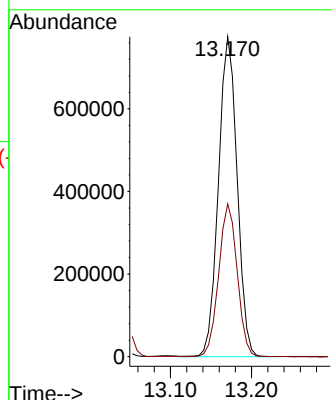
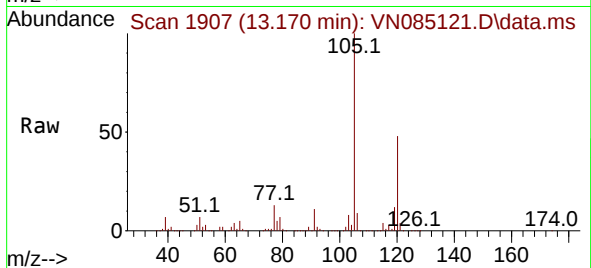
VSTDIC150

Tgt Ion:105 Resp: 1241282

Ion Ratio Lower Upper

105 100

120 47.2 0.0 94.4



#77

t-1,4-Dichloro-2-butene

Concen: 168.075 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

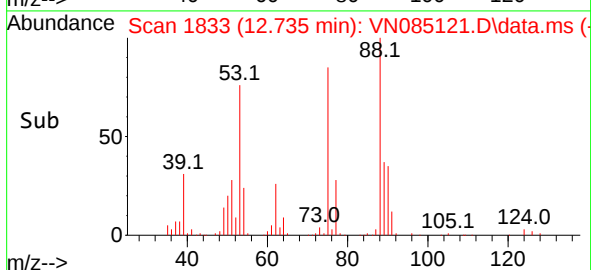
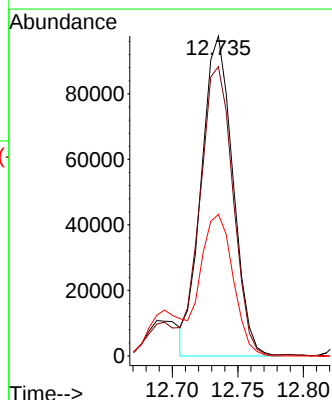
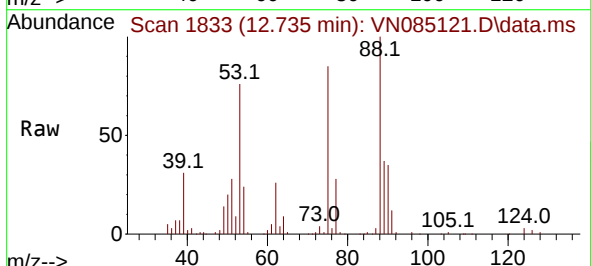
Tgt Ion: 75 Resp: 163318

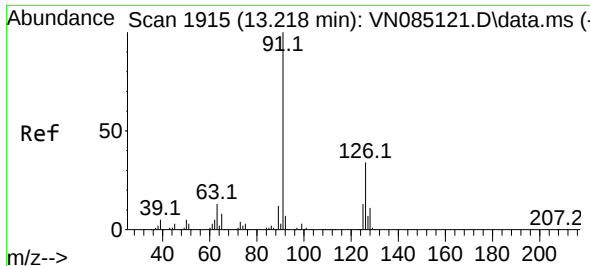
Ion Ratio Lower Upper

75 100

53 90.2 49.1 147.3

89 44.4 22.9 68.5

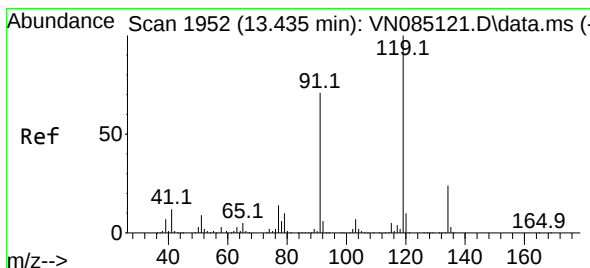
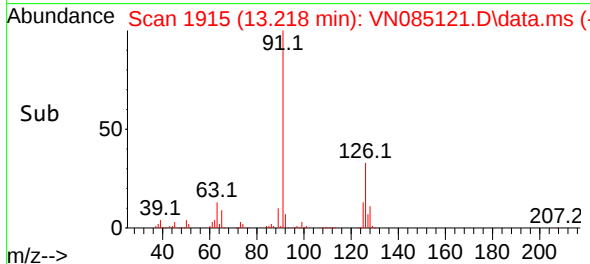
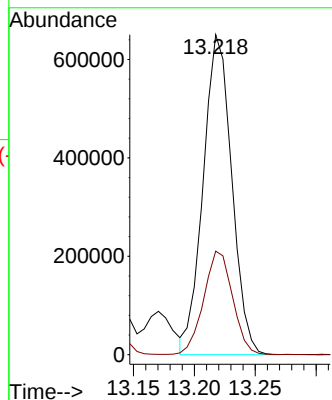
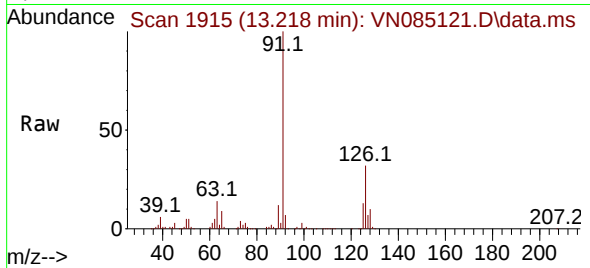




#78
4-Chlorotoluene
Concen: 158.383 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

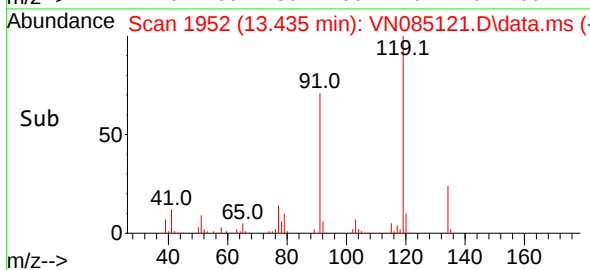
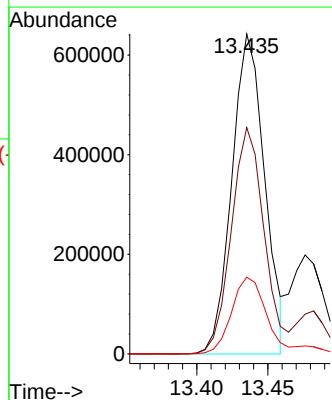
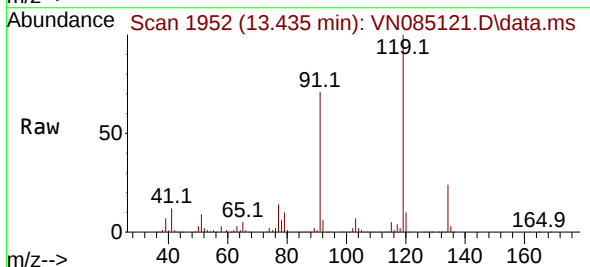
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

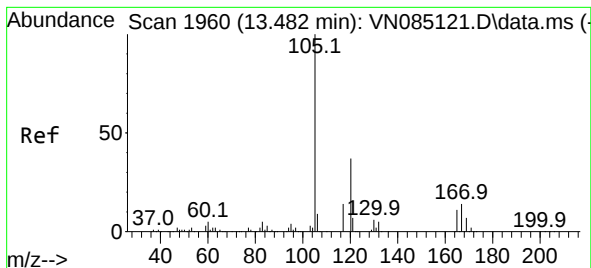
Tgt Ion: 91 Resp: 1062762
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.4



#79
tert-butylbenzene
Concen: 165.137 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 119 Resp: 1033507
Ion Ratio Lower Upper
119 100
91 71.2 0.0 139.2
134 24.9 0.0 48.0





#80

1,2,4-Trimethylbenzene

Concen: 163.500 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

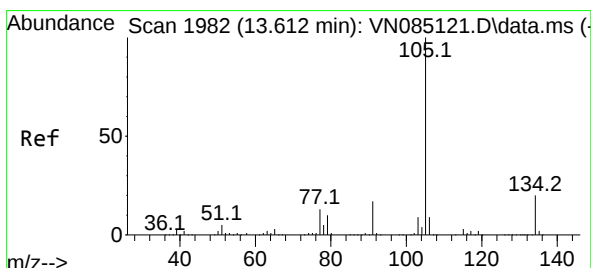
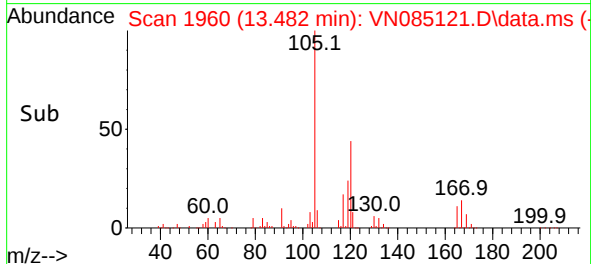
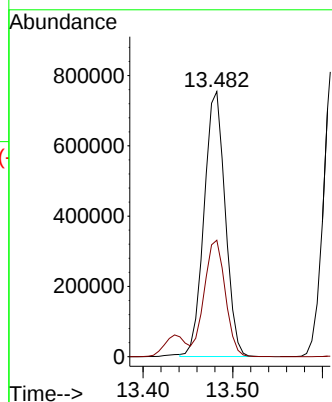
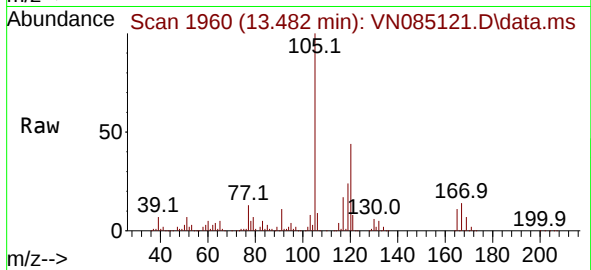
VSTDIC150

Tgt Ion:105 Resp: 1230594

Ion Ratio Lower Upper

105 100

120 43.7 0.0 87.4



#81

sec-Butylbenzene

Concen: 164.927 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085121.D

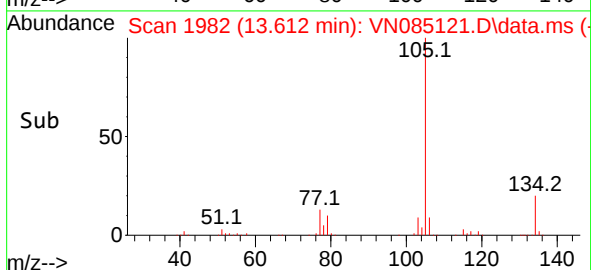
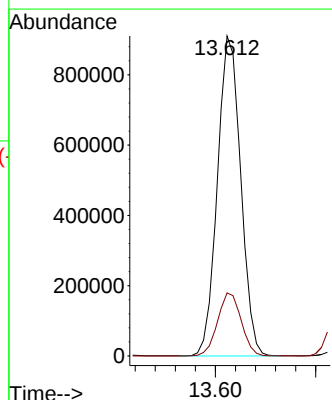
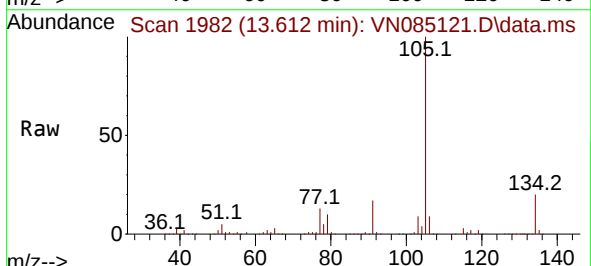
Acq: 06 Dec 2024 11:37

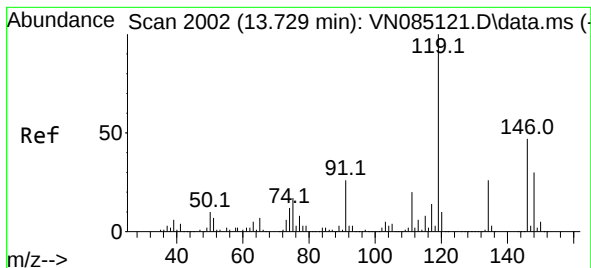
Tgt Ion:105 Resp: 1466428

Ion Ratio Lower Upper

105 100

134 20.0 0.0 38.0





#82

p-Isopropyltoluene

Concen: 169.455 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

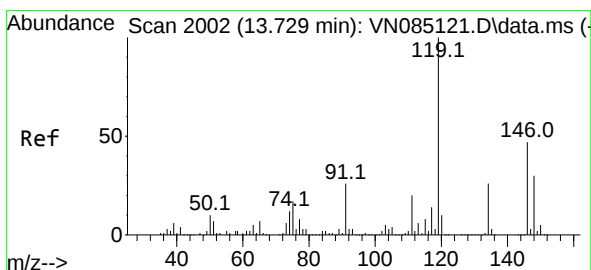
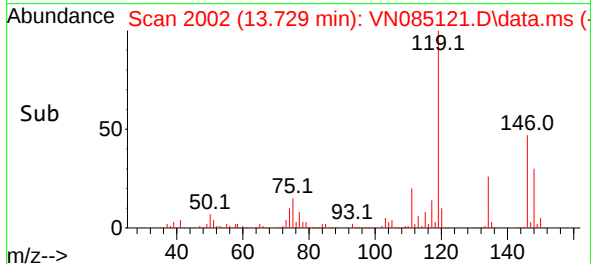
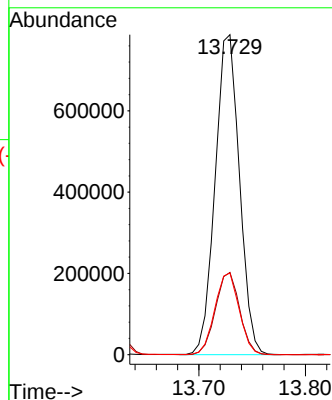
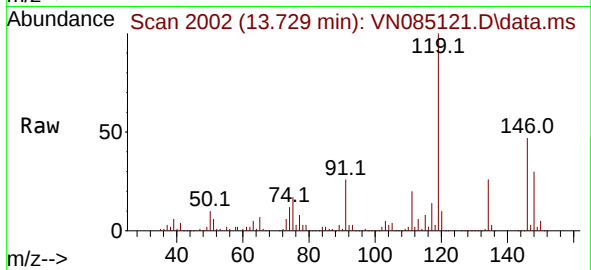
Tgt Ion:119 Resp: 1249133

Ion Ratio Lower Upper

119 100

134 25.5 0.0 51.6

91 25.5 0.0 50.4



#83

1,3-Dichlorobenzene

Concen: 153.943 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

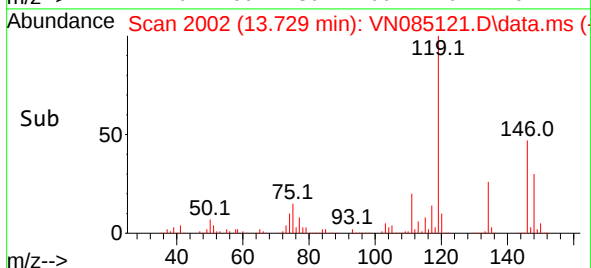
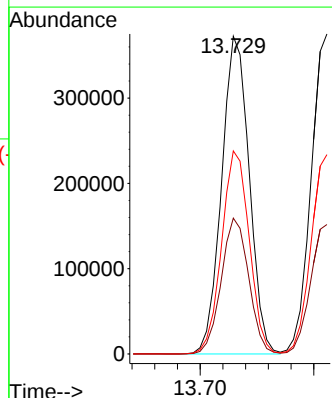
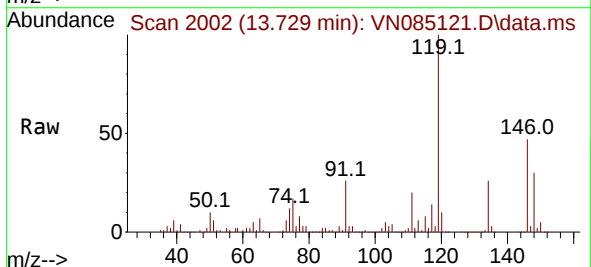
Tgt Ion:146 Resp: 629183

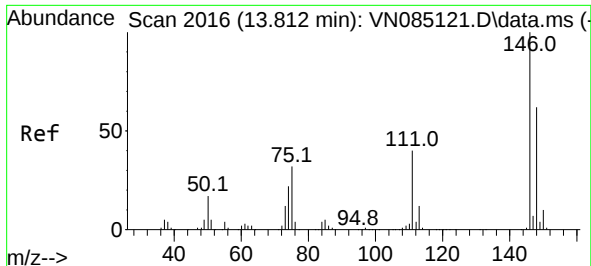
Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

148 63.9 31.8 95.3

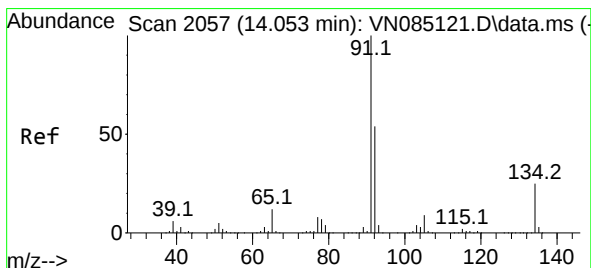
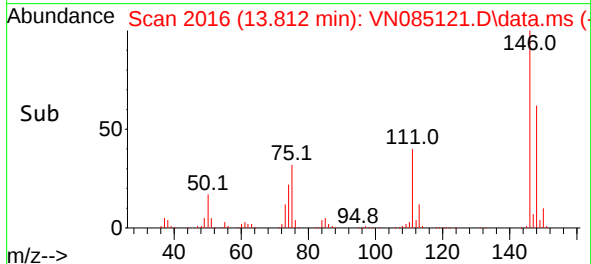
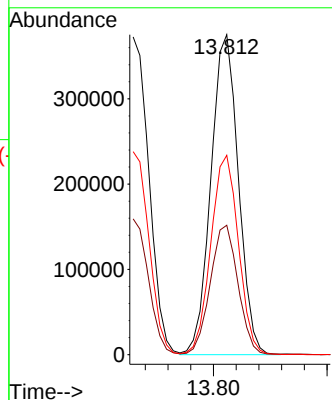
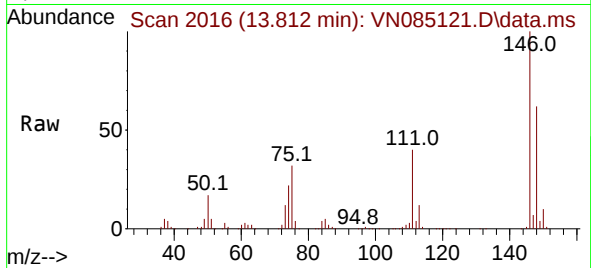




#84
1,4-Dichlorobenzene
Concen: 158.368 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

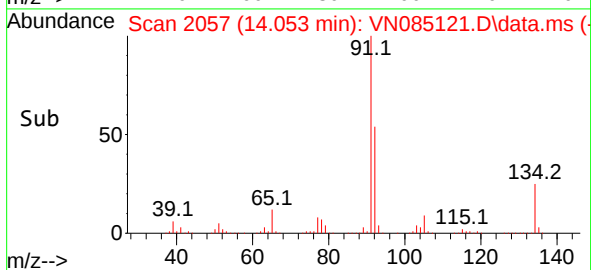
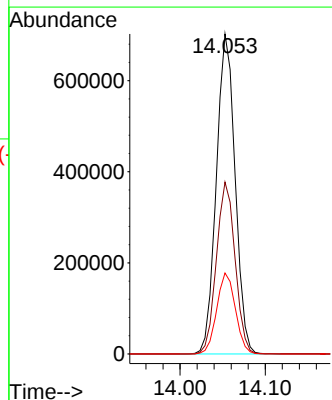
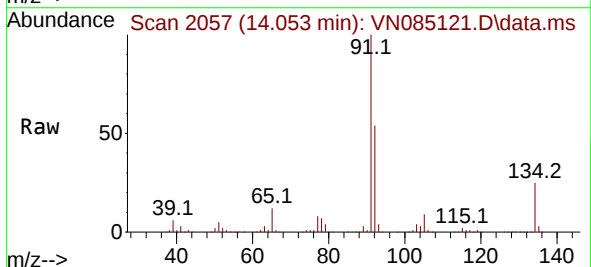
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

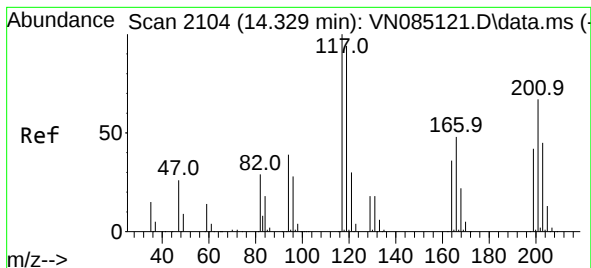
Tgt Ion:146 Resp: 630821
Ion Ratio Lower Upper
146 100
111 40.9 20.1 60.3
148 62.6 31.6 94.7



#85
n-Butylbenzene
Concen: 174.069 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085121.D
Acq: 06 Dec 2024 11:37

Tgt Ion: 91 Resp: 1076317
Ion Ratio Lower Upper
91 100
92 53.4 0.0 104.0
134 25.1 0.0 49.2





#86

Hexachloroethane

Concen: 160.002 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

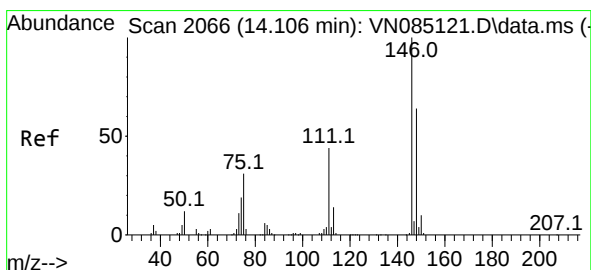
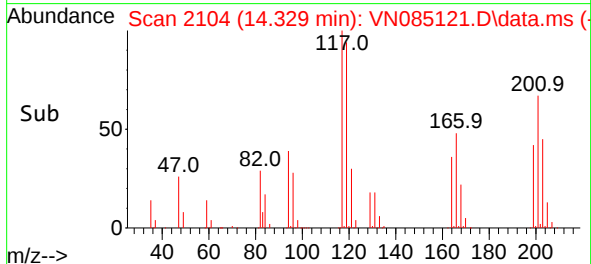
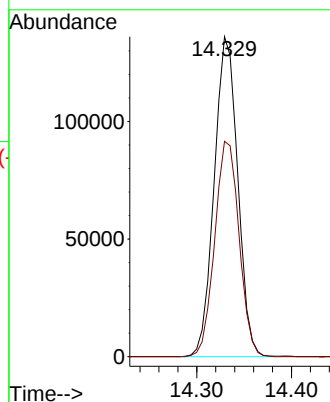
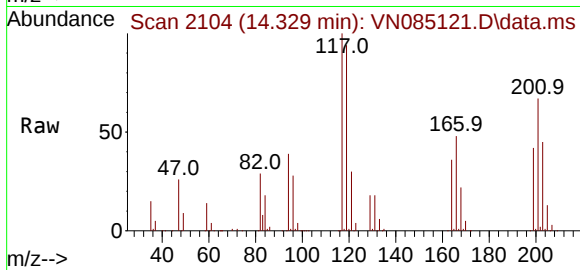
VSTDIC150

Tgt Ion:117 Resp: 234799

Ion Ratio Lower Upper

117 100

201 69.7 34.1 102.3



#87

1,2-Dichlorobenzene

Concen: 153.379 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

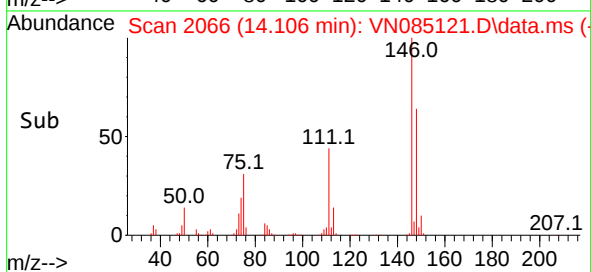
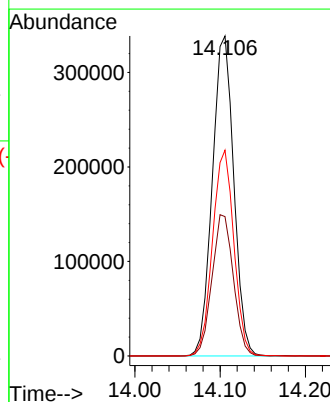
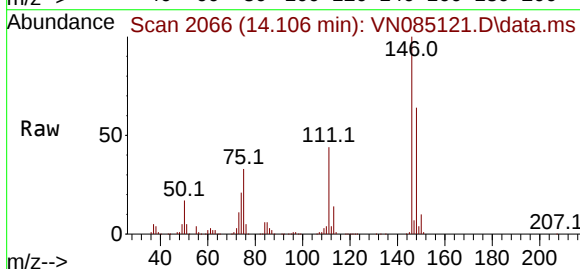
Tgt Ion:146 Resp: 591716

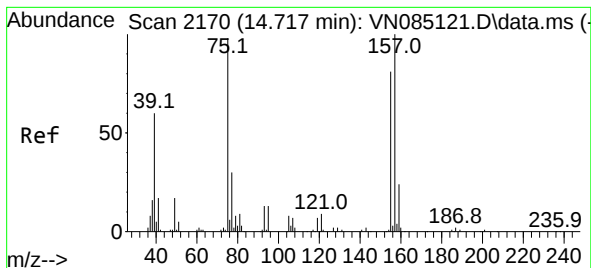
Ion Ratio Lower Upper

146 100

111 44.0 21.9 65.7

148 64.0 32.4 97.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 164.781 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

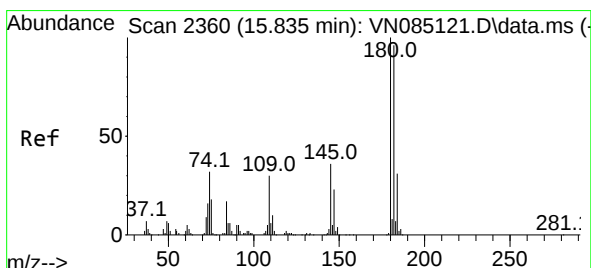
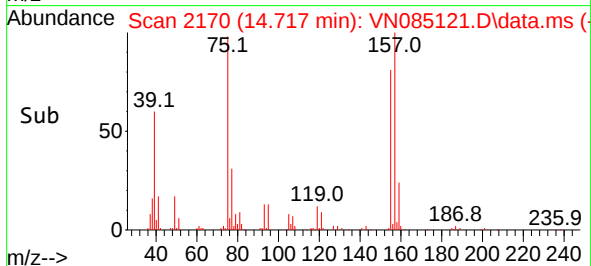
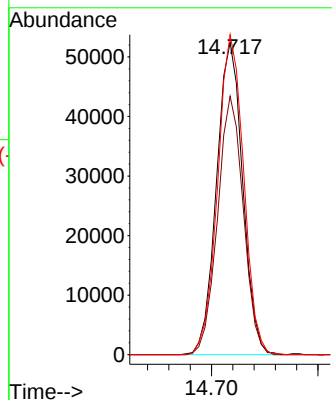
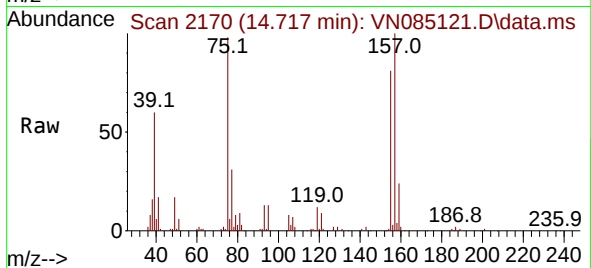
Tgt Ion: 75 Resp: 89112

Ion Ratio Lower Upper

75 100

155 81.7 62.1 93.1

157 101.9 79.3 118.9



#89

1,2,4-Trichlorobenzene

Concen: 175.876 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

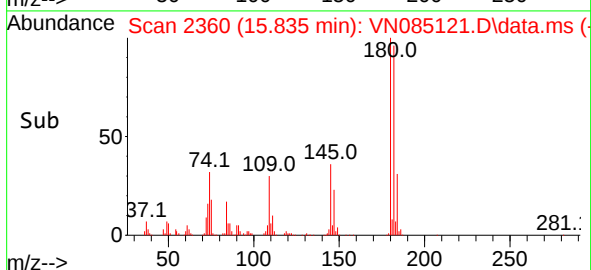
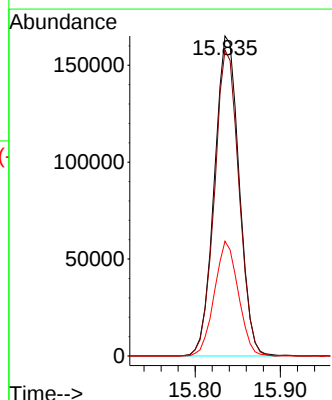
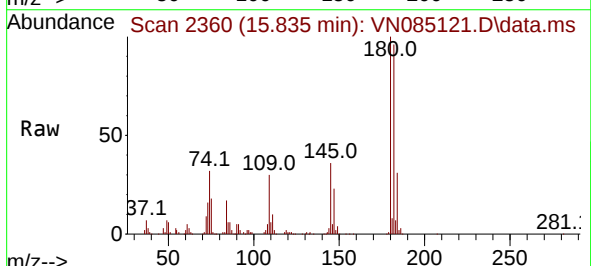
Tgt Ion: 180 Resp: 332292

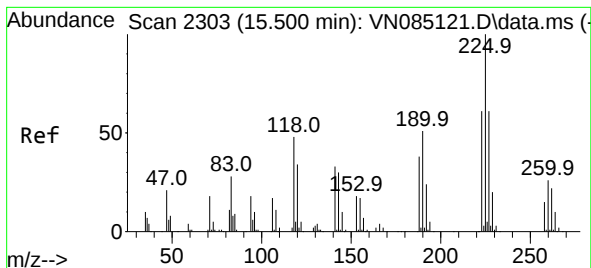
Ion Ratio Lower Upper

180 100

182 94.7 74.0 111.0

145 34.7 28.6 43.0





#90

Hexachlorobutadiene

Concen: 153.643 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

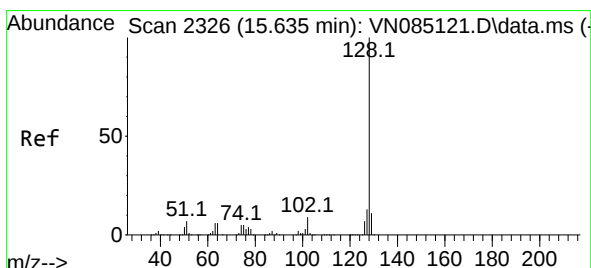
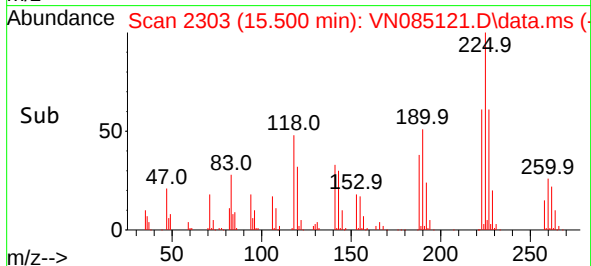
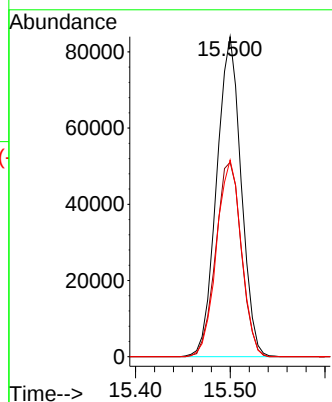
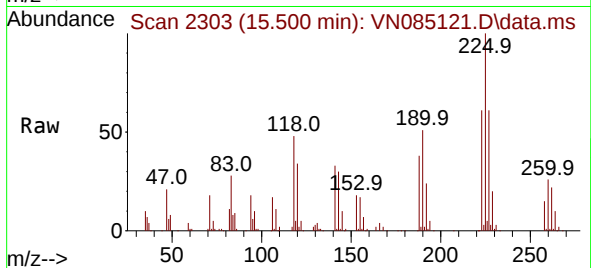
Tgt Ion:225 Resp: 150844

Ion Ratio Lower Upper

225 100

223 63.5 0.0 121.8

227 62.3 0.0 126.8



#91

Naphthalene

Concen: 190.174 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085121.D

Acq: 06 Dec 2024 11:37

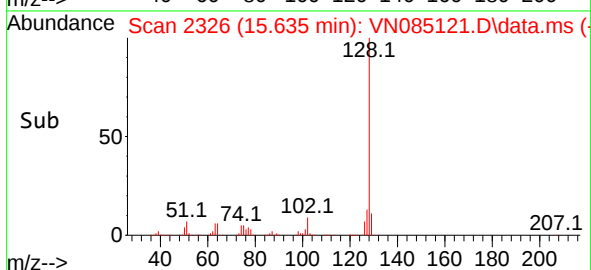
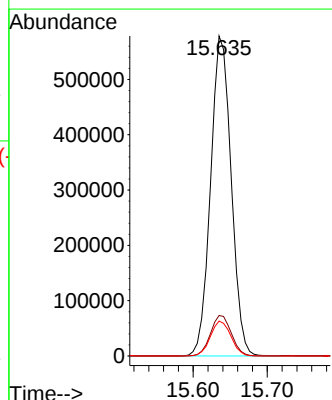
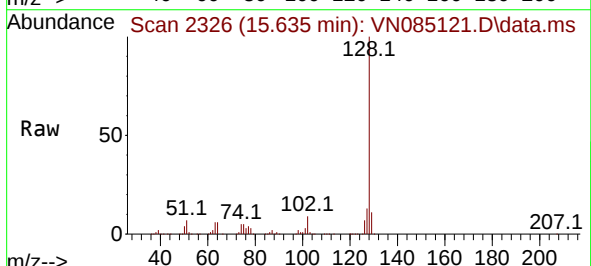
Tgt Ion:128 Resp: 1116289

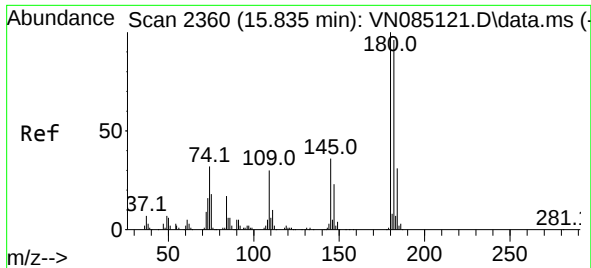
Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.9 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 175.876 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085121.D
 Acq: 06 Dec 2024 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 332292
 Ion Ratio Lower Upper
 180 100
 182 94.7 0.0 185.0
 145 34.7 0.0 71.6

