

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085117.D
 Acq On : 06 Dec 2024 10:02
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 06 22:28:05 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	29169	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	144230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	136167	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	71806	31.025	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.400%	
60) 4-Bromofluorobenzene	12.847	95	65235	28.954	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.500%	
63) Toluene-d8	10.565	98	199139	31.177	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	10073	4.316	ug/l	100
3) Chloromethane	2.359	50	10004	4.843	ug/l	96
4) Vinyl Chloride	2.518	62	10554	4.995	ug/l #	88
5) Bromomethane	2.953	94	7670	5.718	ug/l	97
6) Chloroethane	3.124	64	6472	4.986	ug/l #	87
7) Trichlorofluoromethane	3.500	101	16991	4.913	ug/l	98
8) Diethyl Ether	3.965	74	4729	4.317	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	5792	2.995	ug/l	57
10) 1,1-Dichloroethene	4.342	96	8113	4.567	ug/l	92
11) Methyl Iodide	4.594	142	5932	2.408	ug/l	98
12) Methyl Acetate	5.030	43	9920	4.734	ug/l	99
13) Acrolein	4.189	56	7501	24.630	ug/l	87
14) Acrylonitrile	5.706	53	7723	8.875	ug/l #	1
15) Acetone	4.418	58	5274	22.365	ug/l	85
16) Carbon Disulfide	4.706	76	26140	4.923	ug/l	96
17) Allyl chloride	5.024	41	11376	4.476	ug/l	89
18) Methylene Chloride	5.271	84	10687	5.302	ug/l #	83
19) trans-1,2-Dichloroethene	5.789	96	9118	4.938	ug/l #	79
20) Diisopropyl ether	6.659	45	13210	2.368	ug/l #	55
21) 1,1-Dichloroethane	6.571	63	17605	5.113	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	9776	4.606	ug/l	96
23) tert-Butyl Alcohol	5.518	59	6230	19.957	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	23064	4.159	ug/l #	73
25) Chloroform	7.959	83	18374	5.094	ug/l	96
26) Cyclohexane	8.253	56	11013	3.885	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	11010	4.731	ug/l	97
30) 2-Butanone	7.477	43	24858	23.275	ug/l #	97
31) 2,2-Dichloropropane	7.488	77	14990	5.023	ug/l #	100
32) 1,1,1-Trichloroethane	8.171	97	16430	5.216	ug/l	96
33) Carbon Tetrachloride	8.359	117	14874	5.233	ug/l #	95
34) Benzene	8.606	78	38013	5.199	ug/l #	92
35) Methacrylonitrile	7.777	41	5355	4.455	ug/l	89
36) 1,2-Dichloroethane	8.671	62	13568	5.451	ug/l #	93
37) Trichloroethene	9.347	130	8822	5.067	ug/l	92
38) Methylcyclohexane	9.600	83	10891	4.304	ug/l	98
39) 1,2-Dichloropropane	9.624	63	9337	5.273	ug/l	100
40) Dibromomethane	9.706	93	6598	5.194	ug/l	95
41) Bromodichloromethane	9.882	83	14332	5.278	ug/l #	84
42) Vinyl Acetate	6.600	43	76634	20.505	ug/l #	85

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 Response via : Initial Calibration

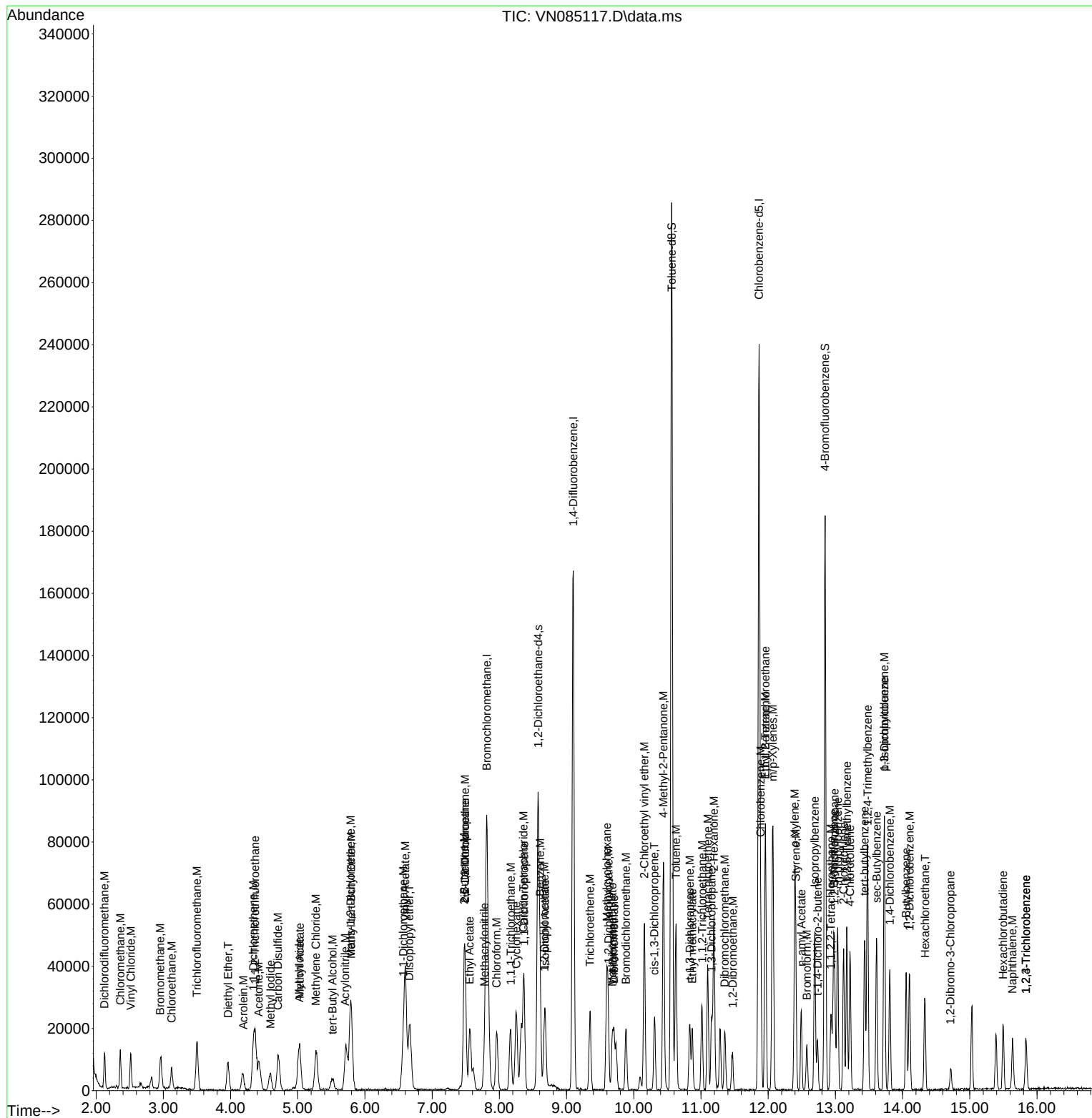
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	10470	4.927	ug/l #	86
44) Isopropyl Acetate	8.682	43	17789	4.817	ug/l	98
45) 1,4-Dioxane	9.688	88	2638	85.662	ug/l #	78
46) Methyl methacrylate	9.682	41	7196	4.258	ug/l	92
47) n-amyl Acetate	12.494	43	12494	4.021	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	12463	4.675	ug/l	93
49) cis-1,3-Dichloropropene	10.306	75	13955	4.809	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	9292	5.429	ug/l	91
51) Ethyl methacrylate	10.871	69	10590	4.068	ug/l	88
52) 1,3-Dichloropropane	11.159	76	14378	5.019	ug/l	98
53) Dibromochloromethane	11.353	129	10942	5.246	ug/l	98
54) 1,2-Dibromoethane	11.471	107	8602	4.988	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	23999	19.844	ug/l	98
56) Bromoform	12.576	173	7066	5.052	ug/l	95
58) 4-Methyl-2-Pentanone	10.441	43	48868	21.990	ug/l	99
59) 2-Hexanone	11.194	43	35678	21.188	ug/l	97
61) Tetrachloroethene	11.100	164	9241	5.604	ug/l	93
62) Toluene	10.629	91	40385	5.085	ug/l	96
64) Chlorobenzene	11.888	112	24379	4.972	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	9796	5.352	ug/l	93
66) Ethyl Benzene	11.959	91	36907	4.380	ug/l	98
67) m/p-Xylenes	12.070	106	27271	8.414	ug/l	98
68) o-Xylene	12.394	106	12741	4.186	ug/l	97
69) Styrene	12.412	104	20235	3.918	ug/l	95
70) Isopropylbenzene	12.694	105	31980	4.073	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	12502	5.232	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	15909	6.740	ug/l	73
73) Bromobenzene	12.976	156	9325	4.742	ug/l	94
74) n-propylbenzene	13.035	91	39585	4.194	ug/l	100
75) 2-Chlorotoluene	13.123	91	25942	4.445	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	28160	4.187	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	3618	4.218	ug/l	96
78) 4-Chlorotoluene	13.217	91	27508	4.644	ug/l	99
79) tert-butylbenzene	13.435	119	22204	4.019	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	26128	3.933	ug/l	100
81) sec-Butylbenzene	13.617	105	32252	4.109	ug/l	99
82) p-Isopropyltoluene	13.729	119	24743	3.803	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	17680	4.900	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	16455	4.680	ug/l	98
85) n-Butylbenzene	14.053	91	20500	3.756	ug/l	97
86) Hexachloroethane	14.335	117	6189	4.778	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	16856	4.950	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.711	75	2146	4.495	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	6347	3.806	ug/l	91
90) Hexachlorobutadiene	15.494	225	4673	5.392	ug/l	93
91) Naphthalene	15.635	128	15972	3.083	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.835	180	6347	3.806	ug/l	91

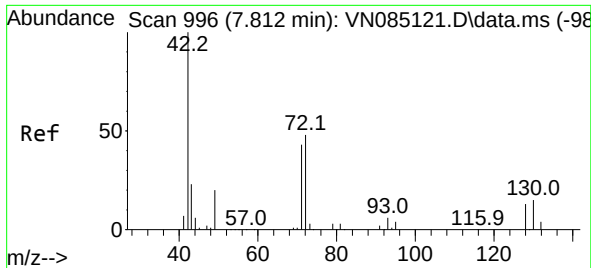
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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

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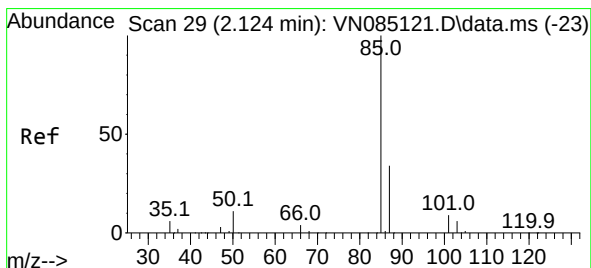
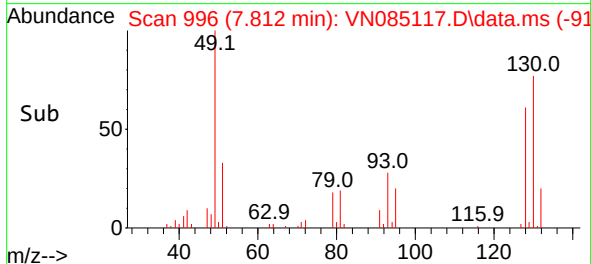
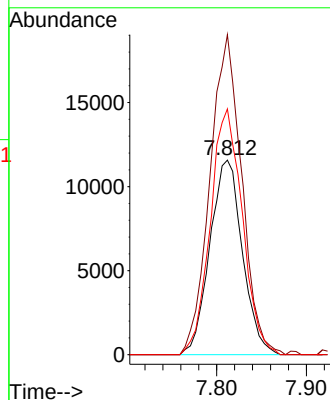
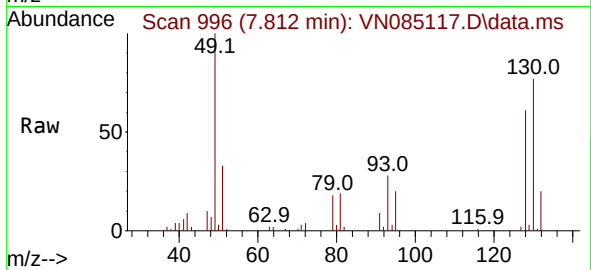




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085117.D
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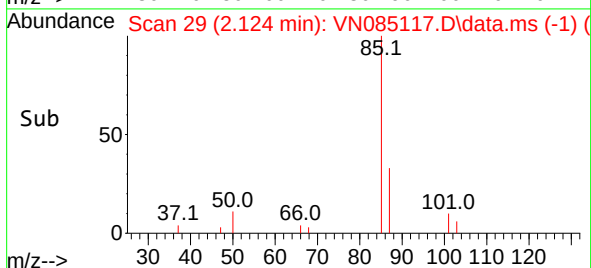
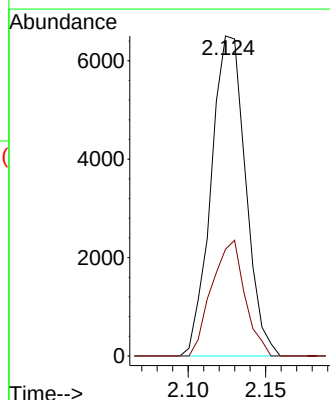
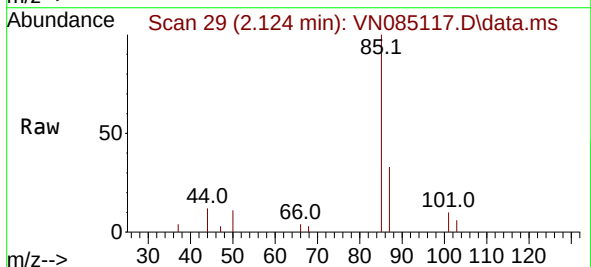
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MSVOA_N
ClientSampleId :
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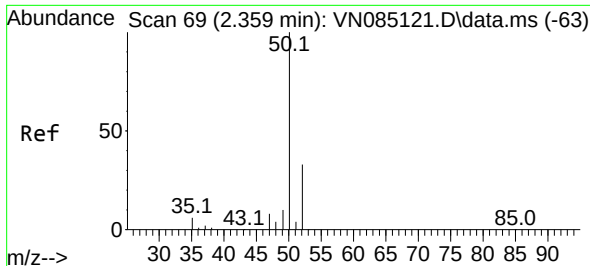
Tgt Ion:128 Resp: 29169
Ion Ratio Lower Upper
128 100
49 160.4 0.0 394.5
130 124.3 0.0 316.5



#2
Dichlorodifluoromethane
Concen: 4.316 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 85 Resp: 10073
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.3

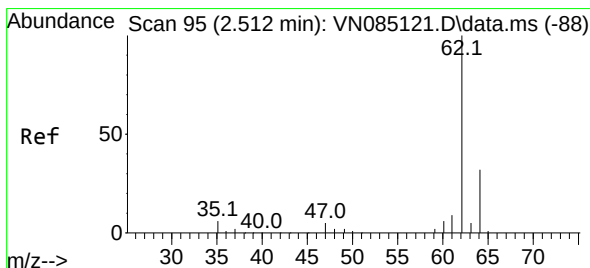
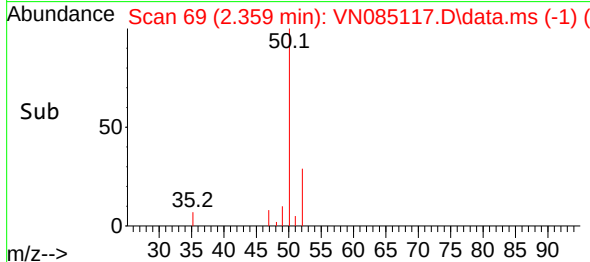
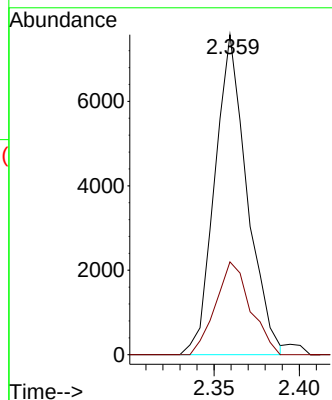
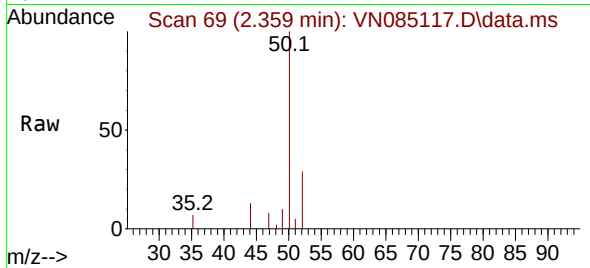




#3
Chloromethane
Concen: 4.843 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

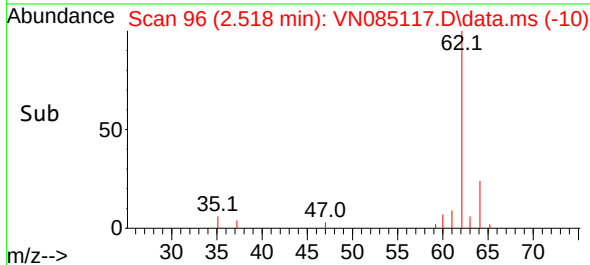
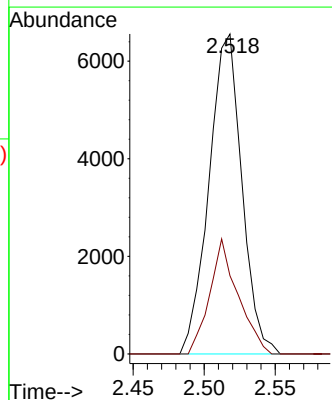
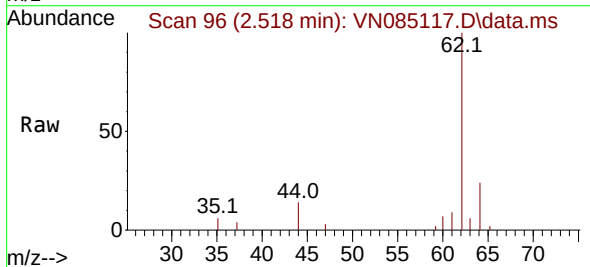
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ClientSampleId :
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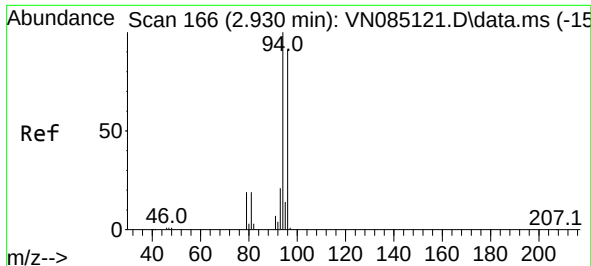
Tgt Ion: 50 Resp: 10004
Ion Ratio Lower Upper
50 100
52 29.0 25.0 37.4



#4
Vinyl Chloride
Concen: 4.995 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 62 Resp: 10554
Ion Ratio Lower Upper
62 100
64 24.5 24.9 37.3#

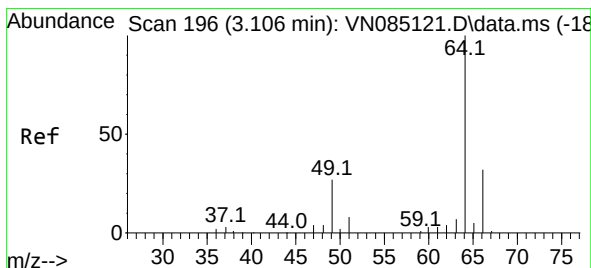
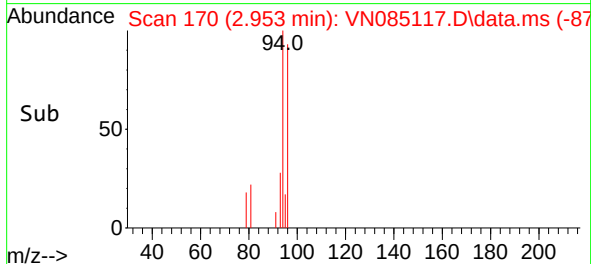
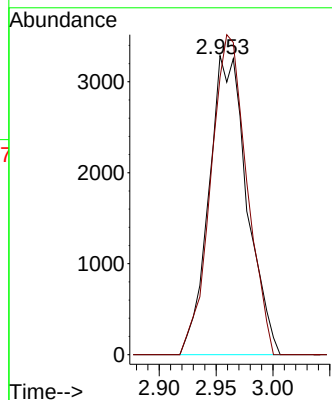
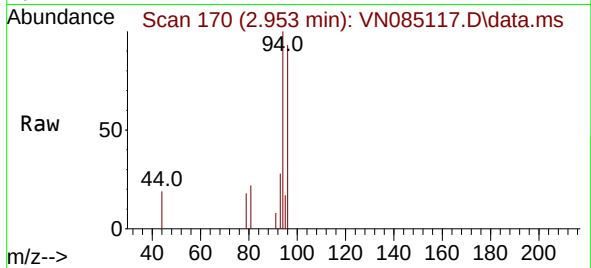




#5
Bromomethane
Concen: 5.718 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

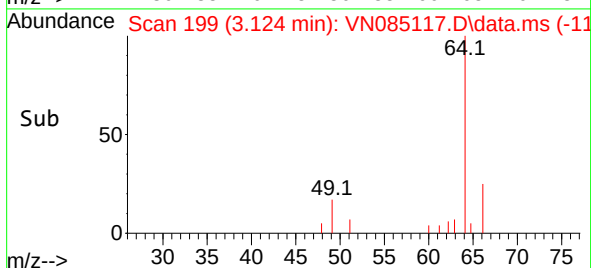
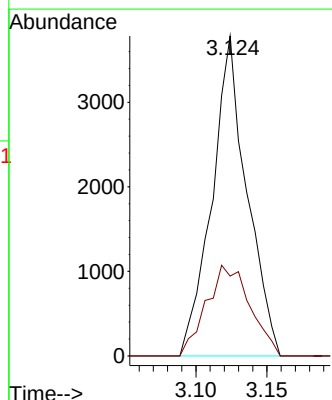
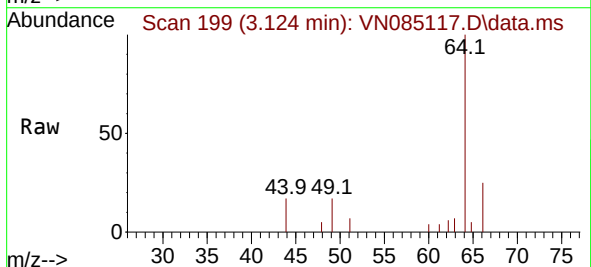
Instrument :
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ClientSampleId :
VSTDIC005

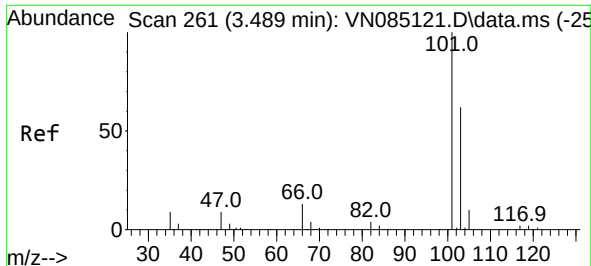
Tgt Ion: 94 Resp: 7670
Ion Ratio Lower Upper
94 100
96 92.8 76.2 114.4



#6
Chloroethane
Concen: 4.986 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 64 Resp: 6472
Ion Ratio Lower Upper
64 100
66 24.9 25.5 38.3#

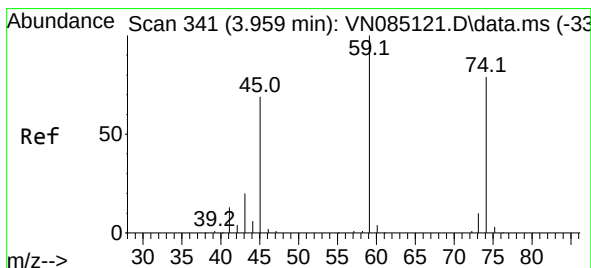
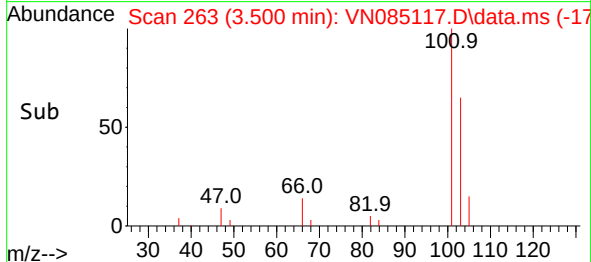
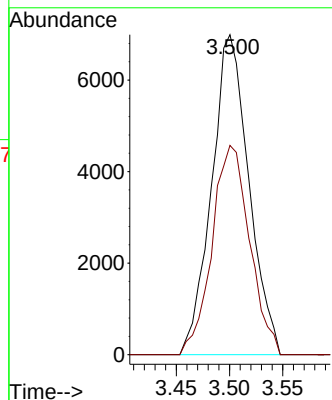
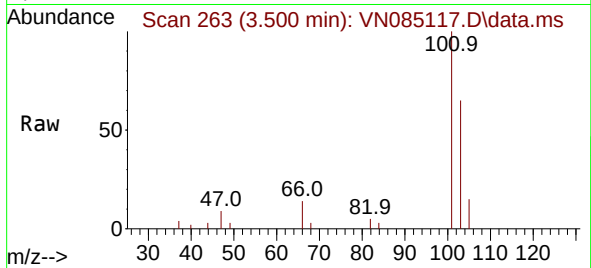




#7
Trichlorofluoromethane
Concen: 4.913 ug/l
RT: 3.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085117.D
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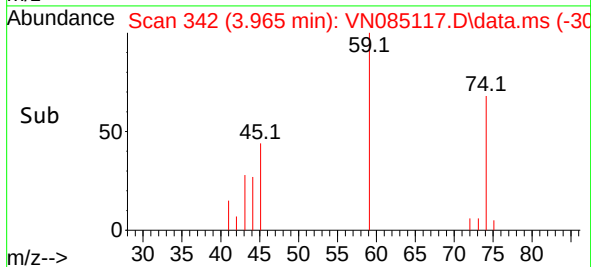
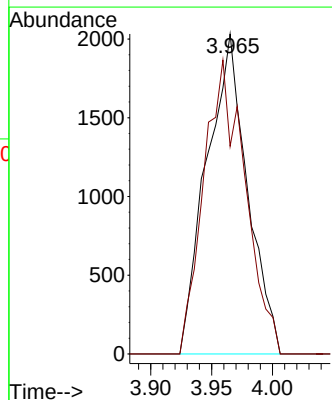
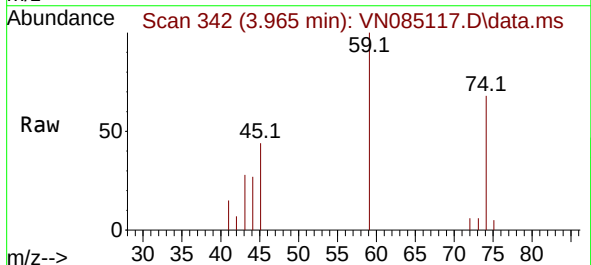
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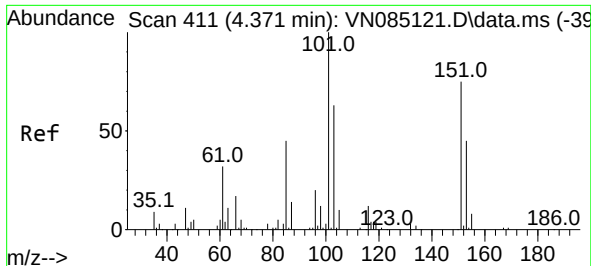
Tgt Ion:101 Resp: 16991
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9



#8
Diethyl Ether
Concen: 4.317 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 74 Resp: 4729
Ion Ratio Lower Upper
74 100
45 92.9 18.6 167.8

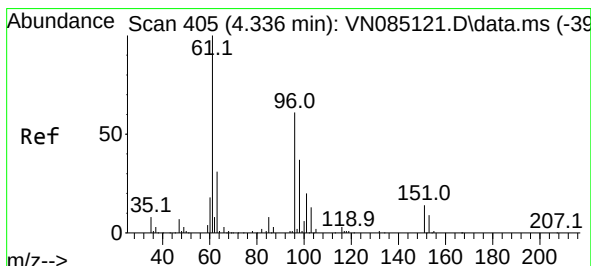
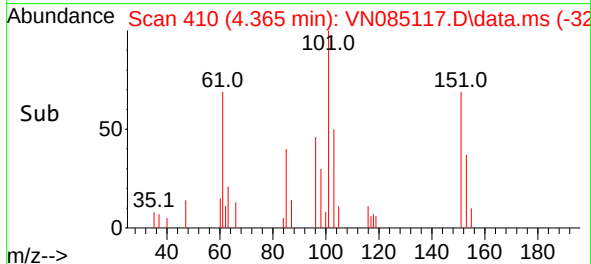
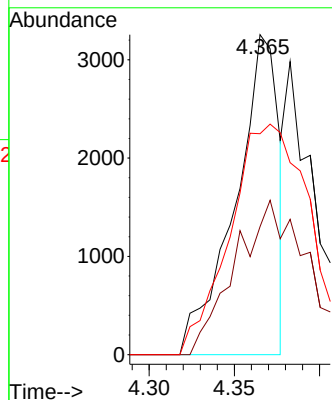
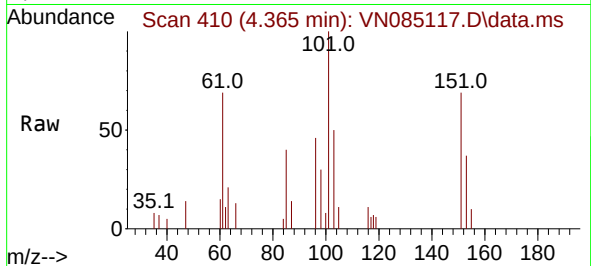




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.995 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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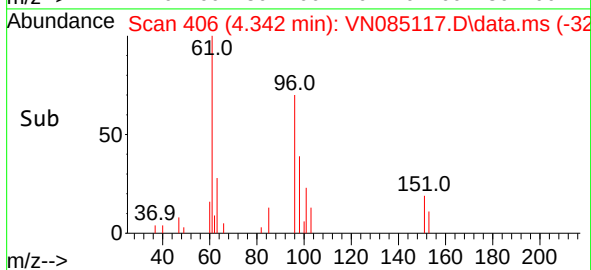
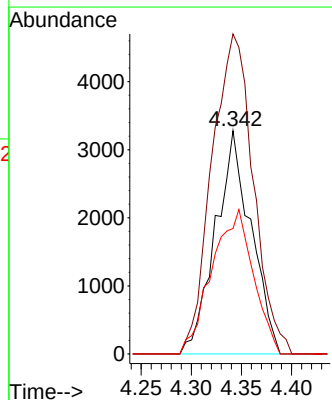
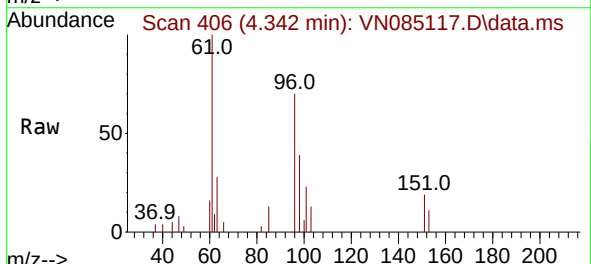
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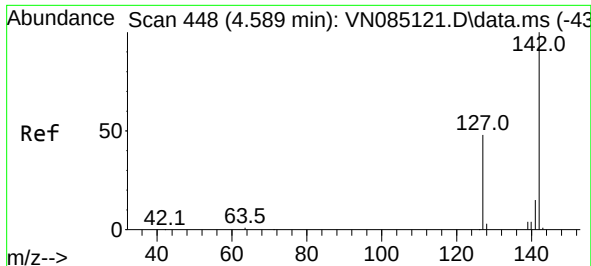
Tgt Ion:101 Resp: 5792
Ion Ratio Lower Upper
101 100
85 52.5 0.0 88.6
151 130.4 0.0 155.8



#10
1,1-Dichloroethene
Concen: 4.567 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 96 Resp: 8113
Ion Ratio Lower Upper
96 100
61 143.4 123.0 184.4
98 56.2 49.1 73.7

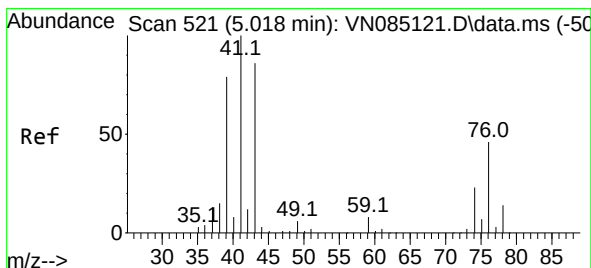
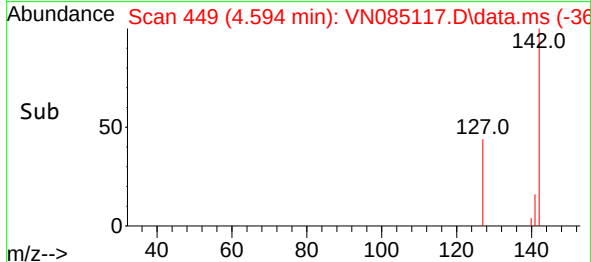
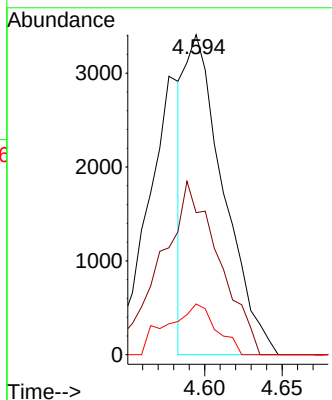
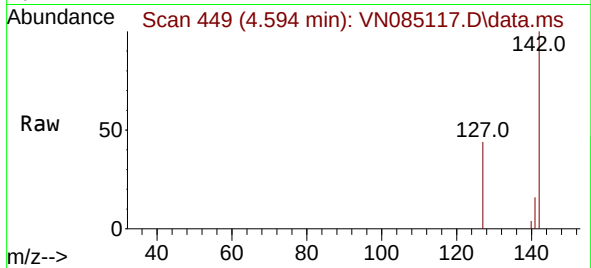




#11
Methyl Iodide
Concen: 2.408 ug/l
RT: 4.594 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

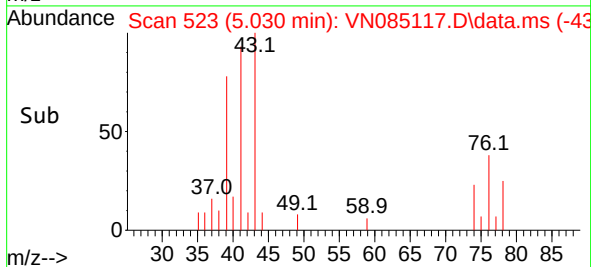
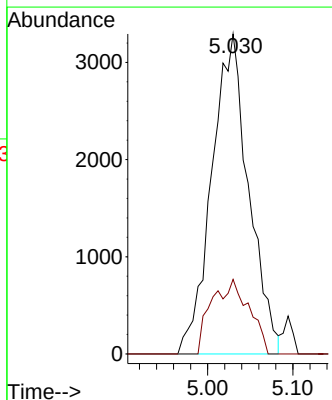
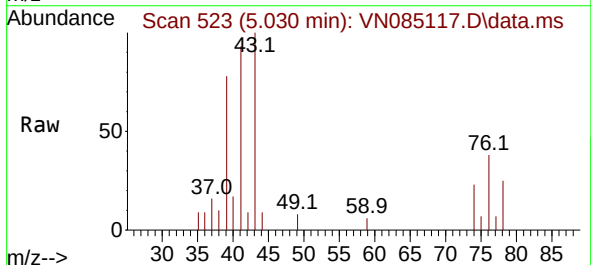
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

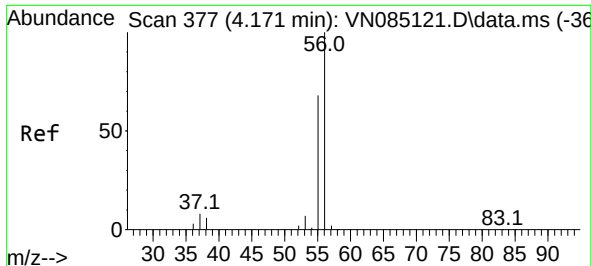
Tgt Ion:142 Resp: 5932
Ion Ratio Lower Upper
142 100
127 44.0 22.5 67.5
141 18.6 8.3 24.9



#12
Methyl Acetate
Concen: 4.734 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 43 Resp: 9920
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6





#13

Acrolein

Concen: 24.630 ug/l

RT: 4.189 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

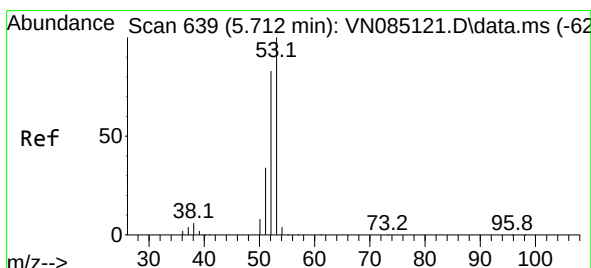
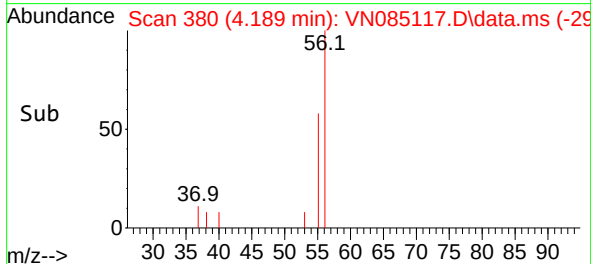
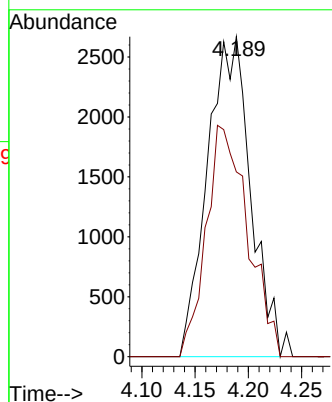
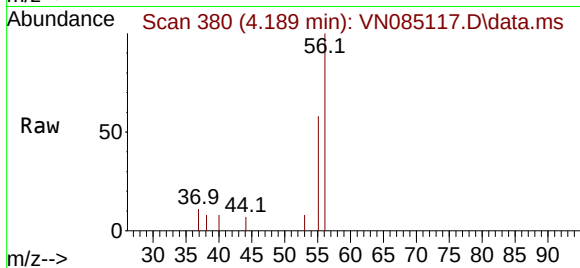
VSTDICC005

Tgt Ion: 56 Resp: 7501

Ion Ratio Lower Upper

56 100

55 63.5 59.4 89.0



#14

Acrylonitrile

Concen: 8.875 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.012 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

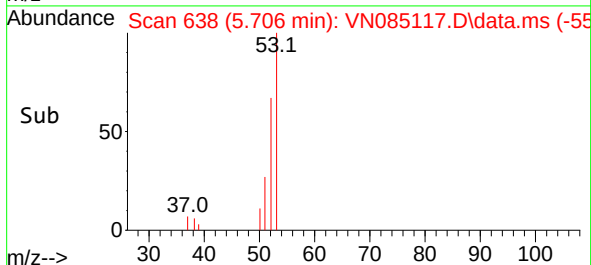
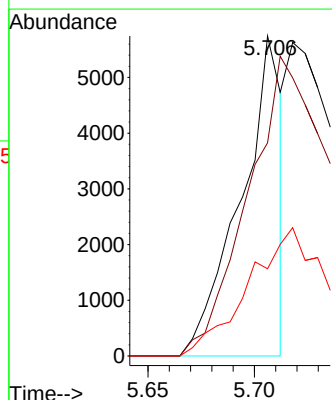
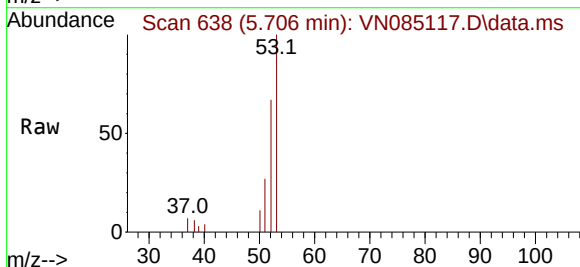
Tgt Ion: 53 Resp: 7723

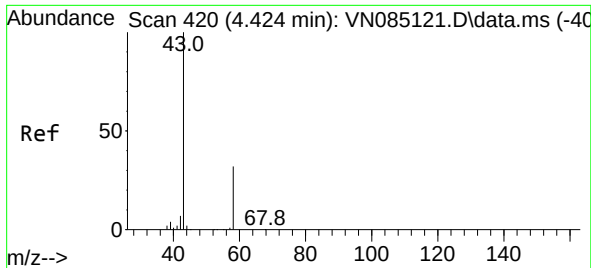
Ion Ratio Lower Upper

53 100

52 210.1 42.9 128.5#

51 85.9 17.2 51.5#





#15

Acetone

Concen: 22.365 ug/l

RT: 4.418 min Scan# 419

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

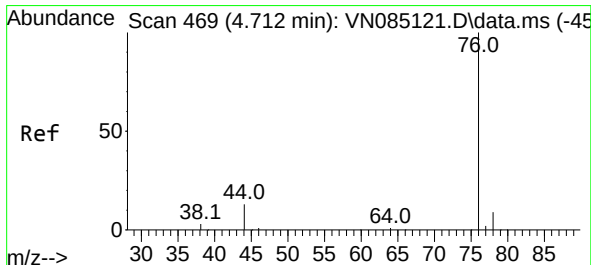
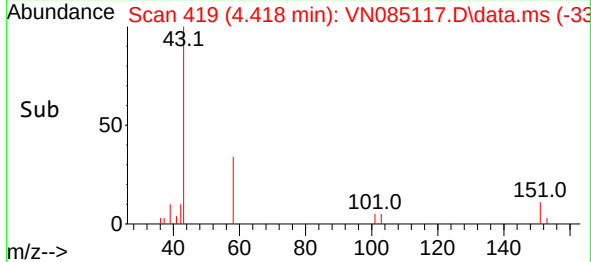
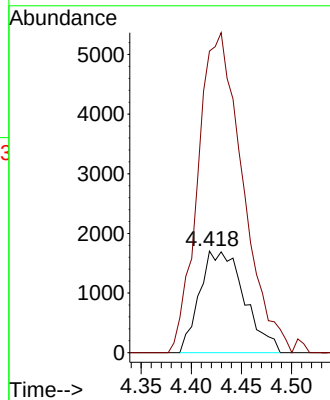
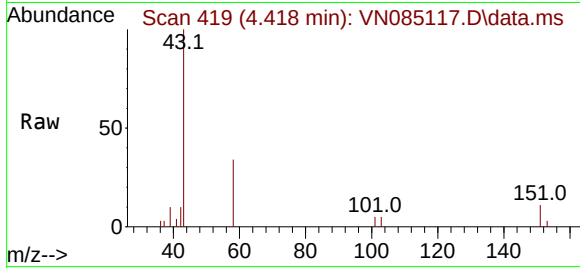
VSTDICC005

Tgt Ion: 58 Resp: 5274

Ion Ratio Lower Upper

58 100

43 274.0 242.3 363.5



#16

Carbon Disulfide

Concen: 4.923 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085117.D

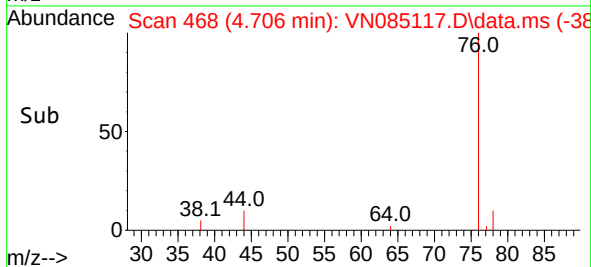
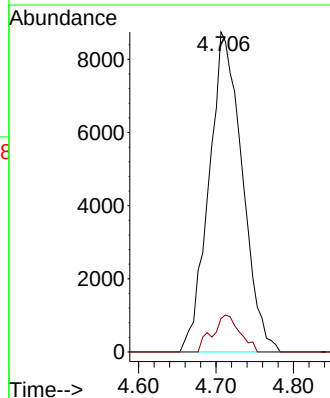
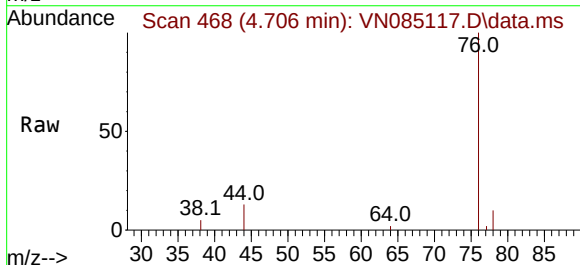
Acq: 06 Dec 2024 10:02

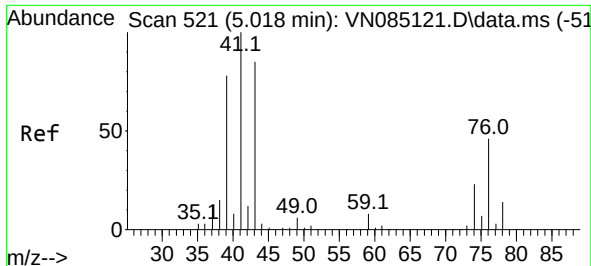
Tgt Ion: 76 Resp: 26140

Ion Ratio Lower Upper

76 100

78 10.5 7.1 10.7

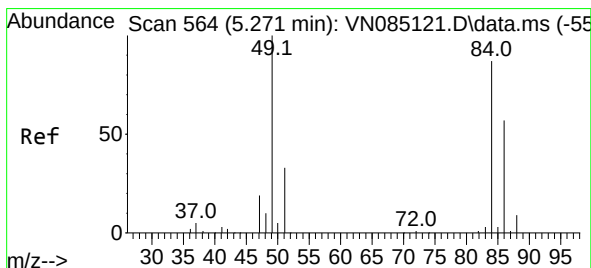
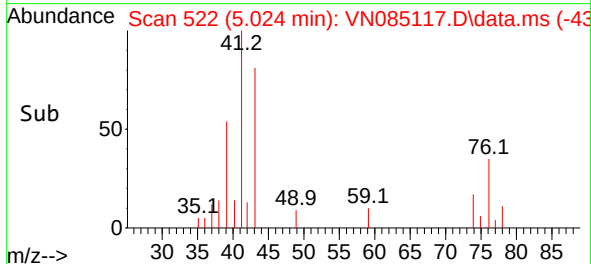
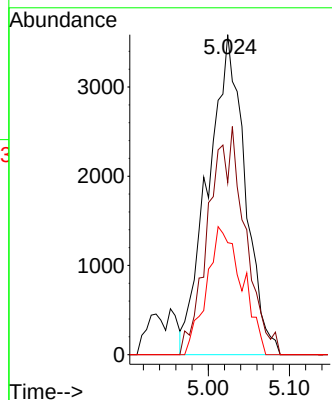
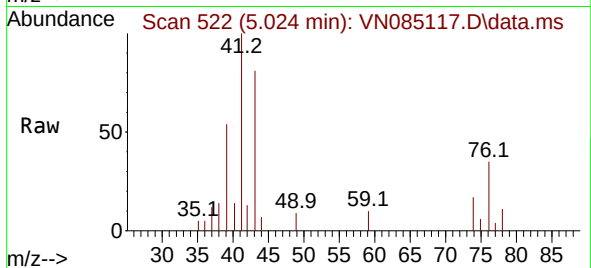




#17
 Allyl chloride
 Concen: 4.476 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

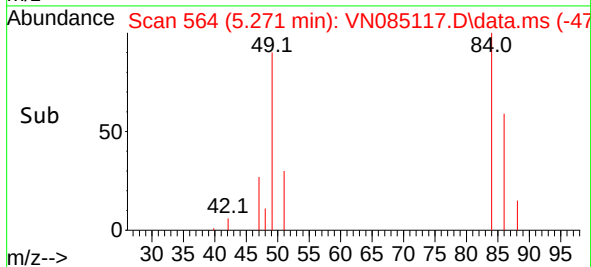
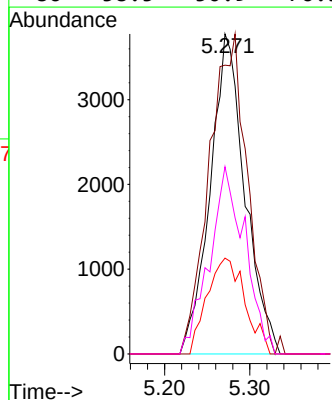
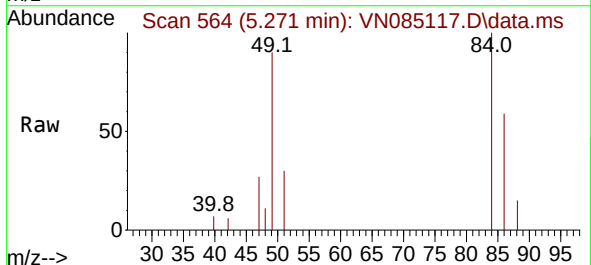
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

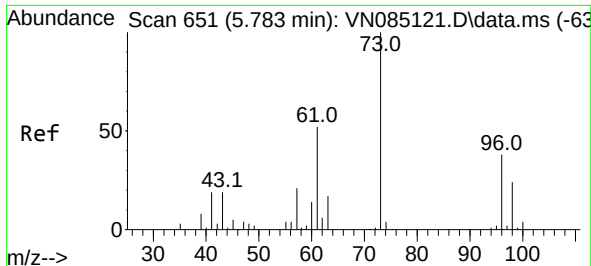
Tgt Ion: 41 Resp: 11376
 Ion Ratio Lower Upper
 41 100
 39 53.7 32.0 96.2
 76 35.0 20.2 60.5



#18
 Methylene Chloride
 Concen: 5.302 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Tgt Ion: 84 Resp: 10687
 Ion Ratio Lower Upper
 84 100
 49 90.3 95.1 142.7#
 51 30.0 27.4 41.0
 86 58.5 50.9 76.3

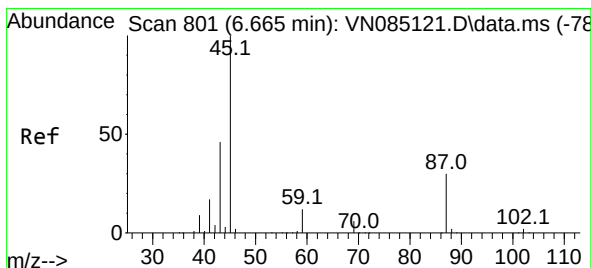
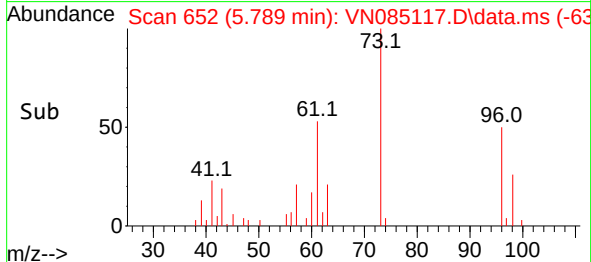
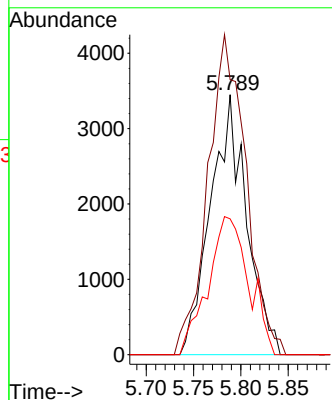
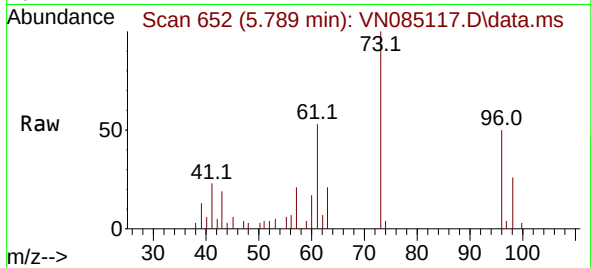




#19
trans-1,2-Dichloroethene
Concen: 4.938 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

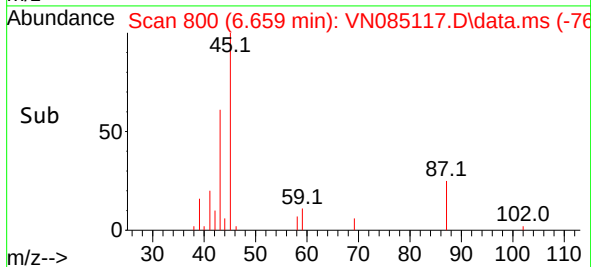
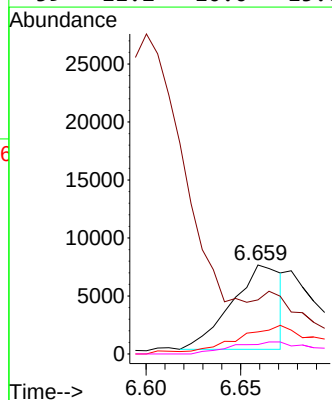
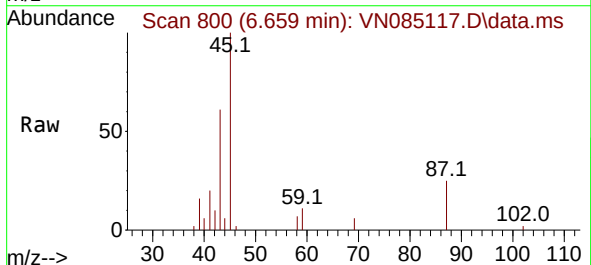
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

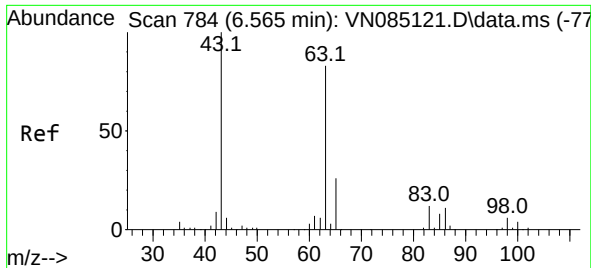
Tgt Ion: 96 Resp: 9118
Ion Ratio Lower Upper
96 100
61 99.9 100.4 150.6#
98 52.3 52.6 79.0#



#20
Diisopropyl ether
Concen: 2.368 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 45 Resp: 13210
Ion Ratio Lower Upper
45 100
43 0.0 41.9 62.9#
87 23.4 24.1 36.1#
59 11.2 10.0 15.0

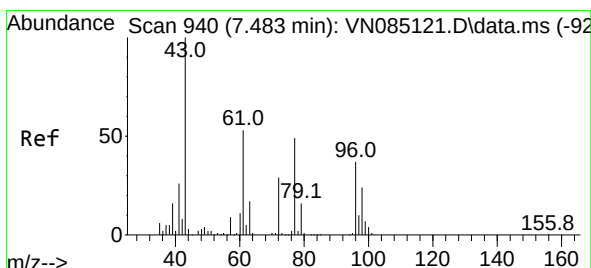
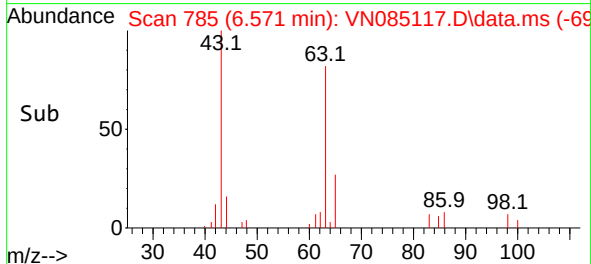
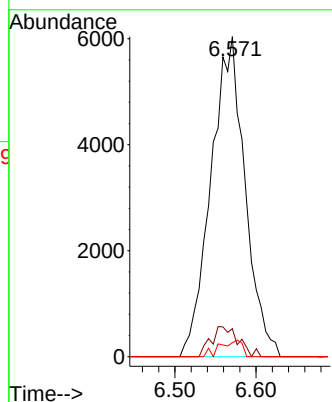
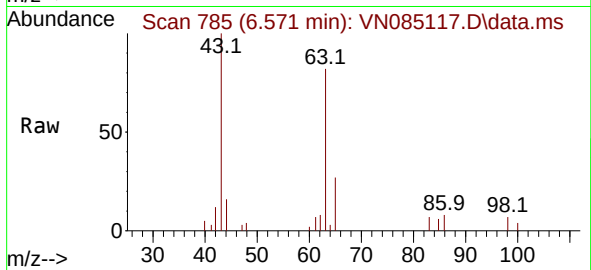




#21
1,1-Dichloroethane
Concen: 5.113 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

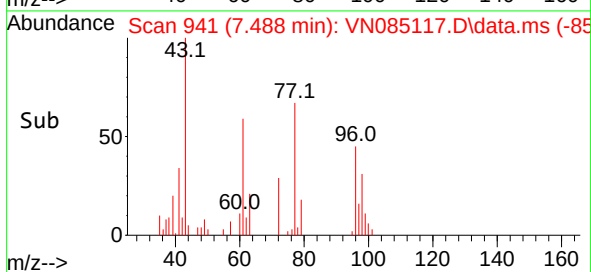
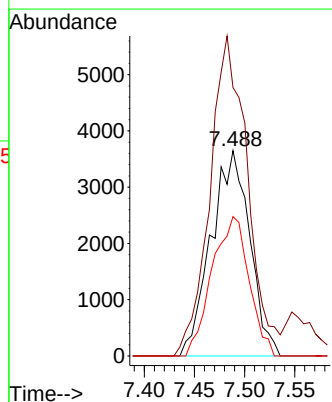
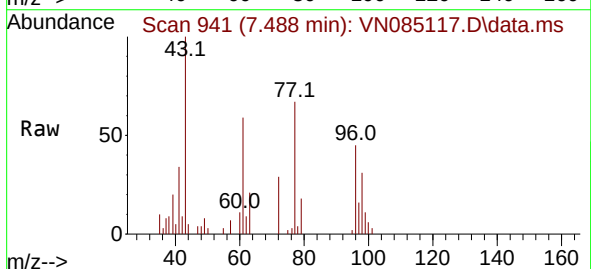
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

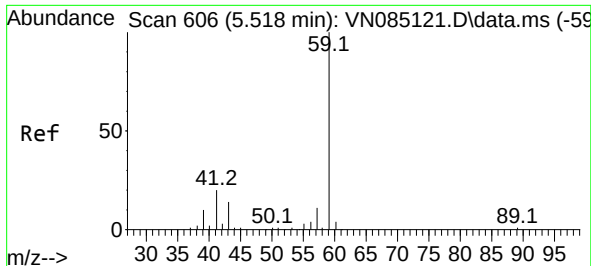
Tgt Ion: 63 Resp: 17605
Ion Ratio Lower Upper
63 100
98 8.8 3.5 10.4
100 4.4 1.6 4.8



#22
cis-1,2-Dichloroethene
Concen: 4.606 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 96 Resp: 9776
Ion Ratio Lower Upper
96 100
61 151.1 115.9 173.9
98 65.0 51.8 77.8

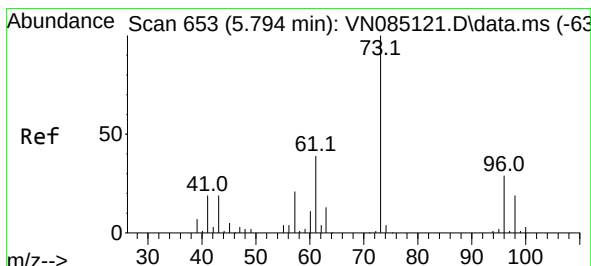
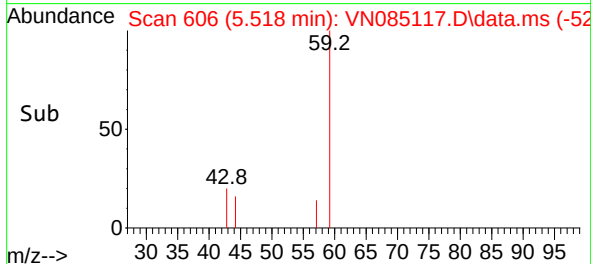
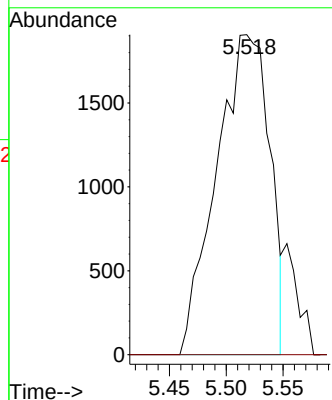
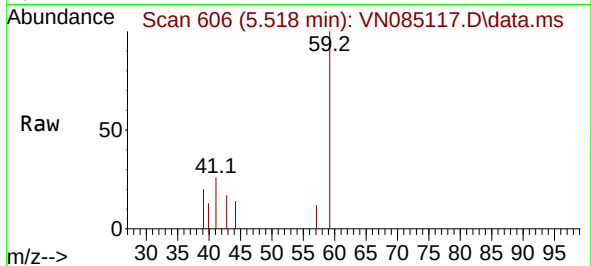




#23
tert-Butyl Alcohol
Concen: 19.957 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

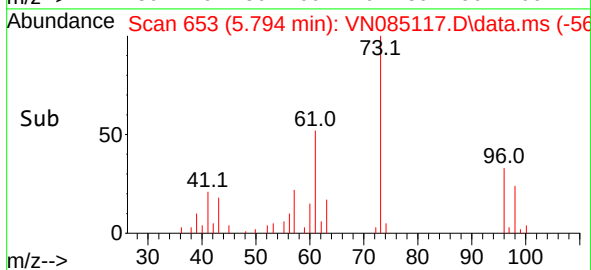
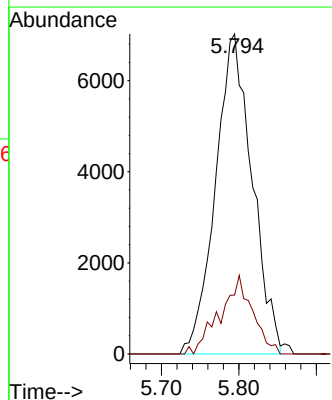
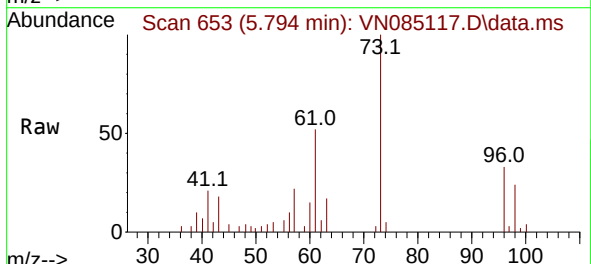
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

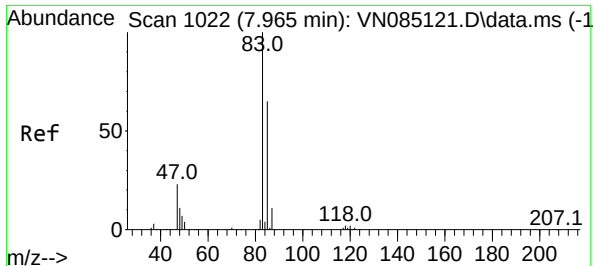
Tgt Ion: 59 Resp: 6230
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 4.159 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 73 Resp: 23064
Ion Ratio Lower Upper
73 100
43 21.2 8.7 13.1#

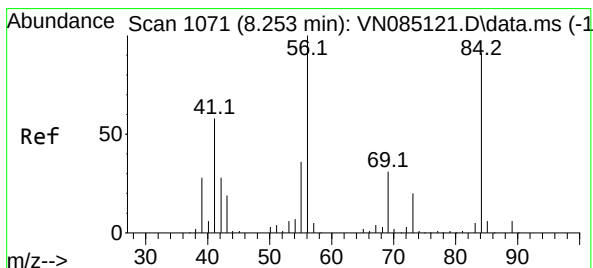
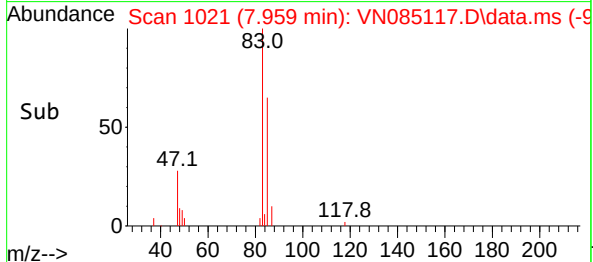
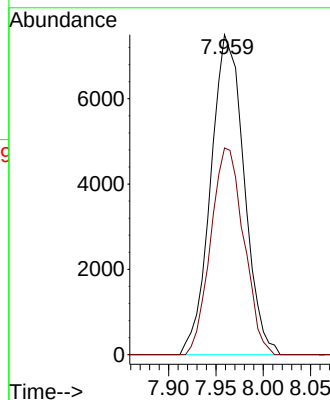
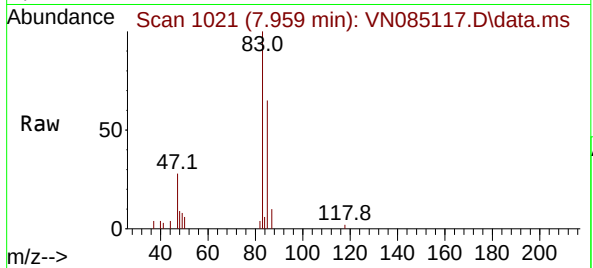




#25
Chloroform
Concen: 5.094 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

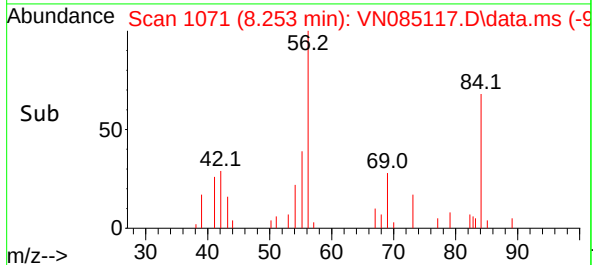
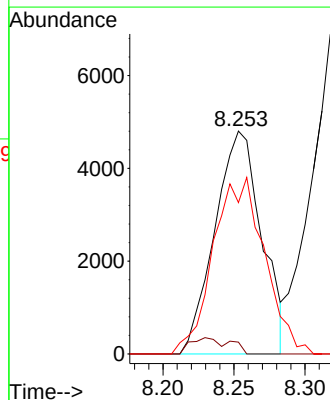
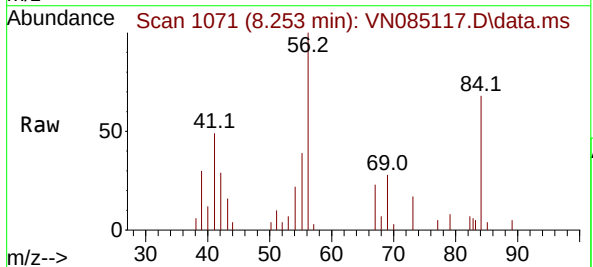
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

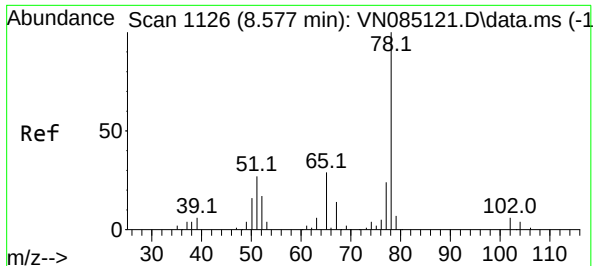
Tgt Ion: 83 Resp: 18374
Ion Ratio Lower Upper
83 100
85 64.6 49.4 74.0



#26
Cyclohexane
Concen: 3.885 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 56 Resp: 11013
Ion Ratio Lower Upper
56 100
89 1.7 19.5 29.3#
84 86.7 70.6 105.8

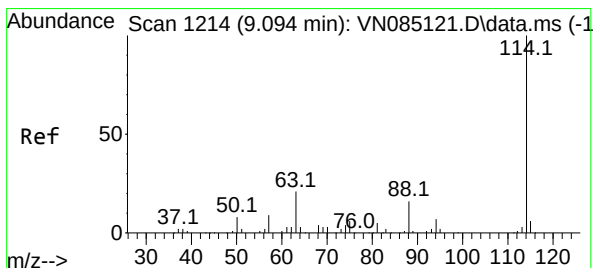
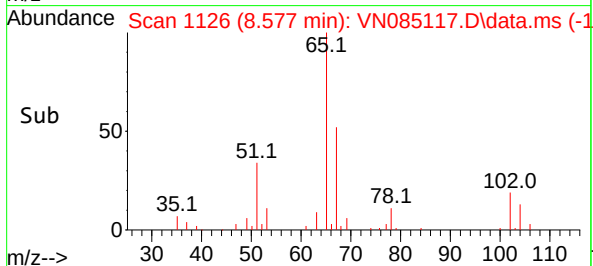
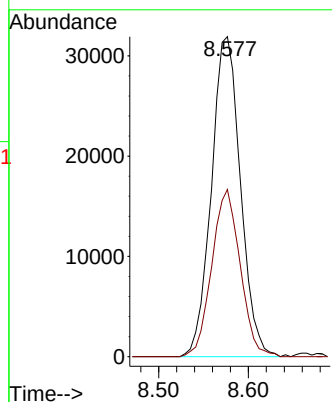
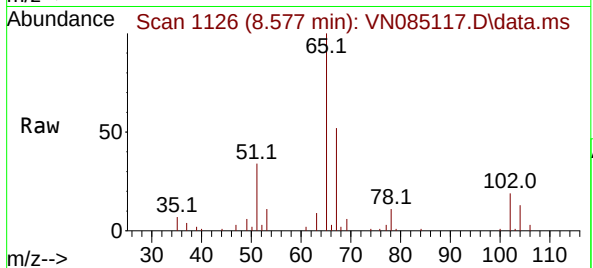




#27
 1,2-Dichloroethane-d4
 Concen: 31.025 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

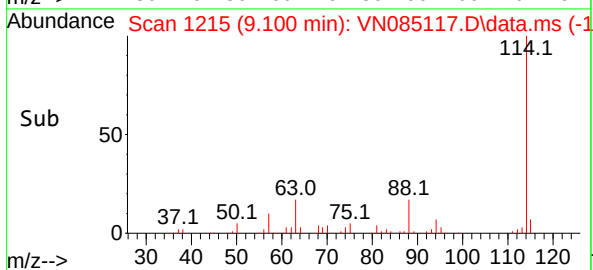
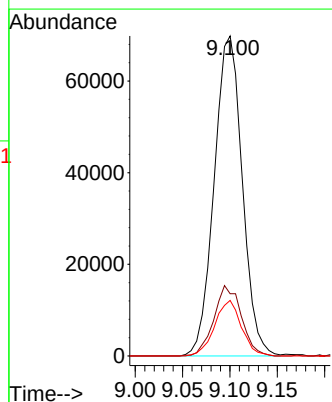
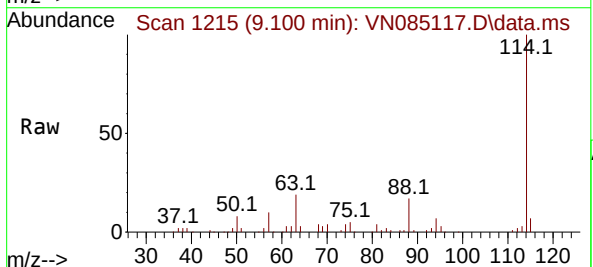
Instrument :
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 ClientSampleId :
 VSTDIC005

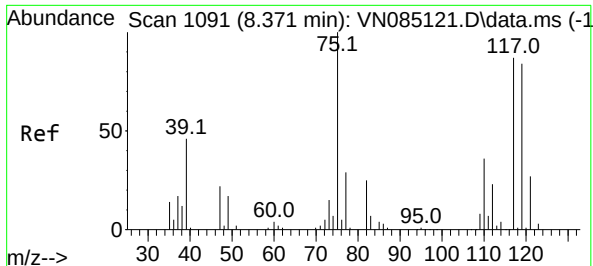
Tgt Ion: 65 Resp: 71806
 Ion Ratio Lower Upper
 65 100
 67 51.0 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Tgt Ion: 114 Resp: 144230
 Ion Ratio Lower Upper
 114 100
 63 21.5 16.2 24.2
 88 16.5 12.5 18.7

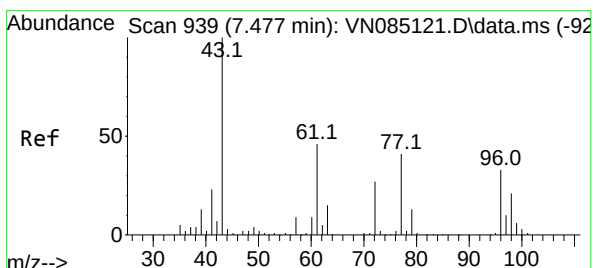
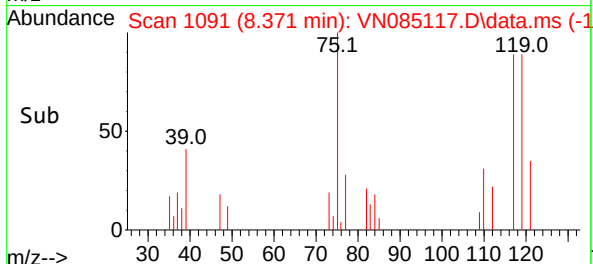
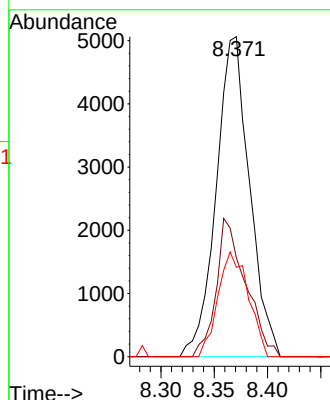
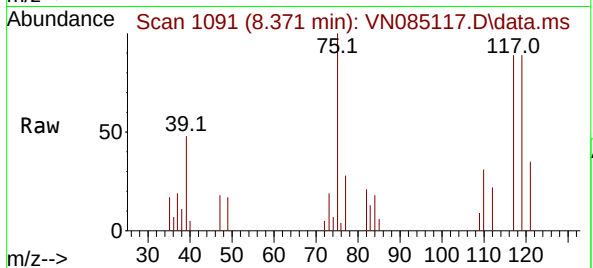




#29
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

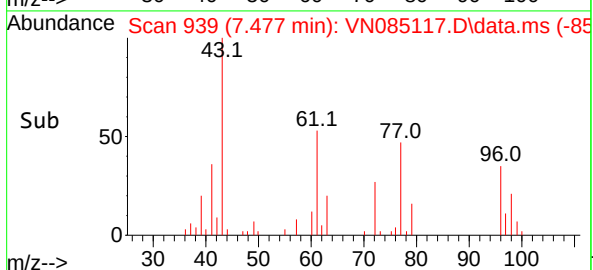
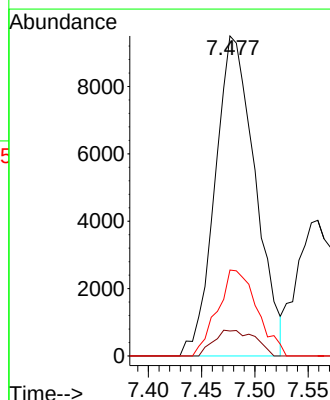
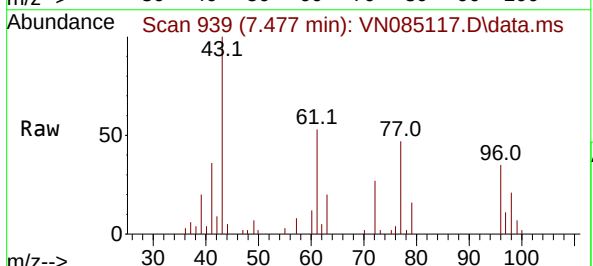
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

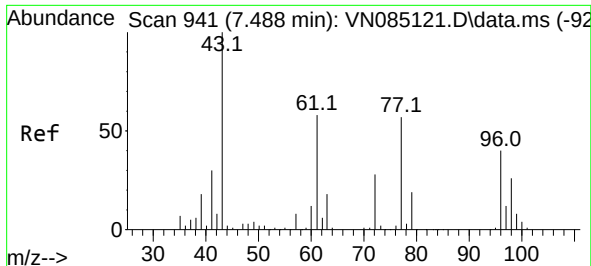
Tgt Ion:	75	Resp:	11010
Ion	Ratio	Lower	Upper
75	100		
110	38.1	0.0	71.6
77	29.9	0.0	62.2



#30
2-Butanone
Concen: 23.275 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	43	Resp:	24858
Ion	Ratio	Lower	Upper
43	100		
57	5.7	6.9	10.3#
72	26.5	21.8	32.8





#31

2,2-Dichloropropane

Concen: 5.023 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

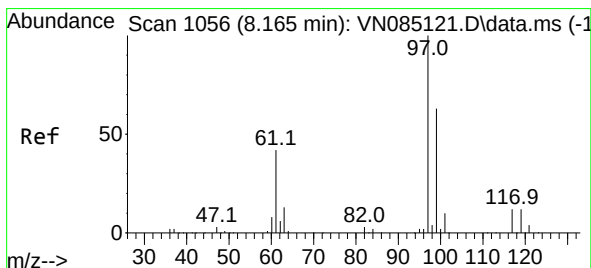
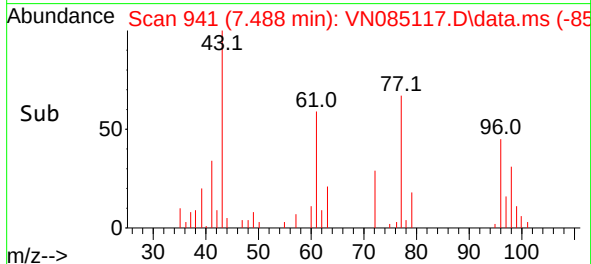
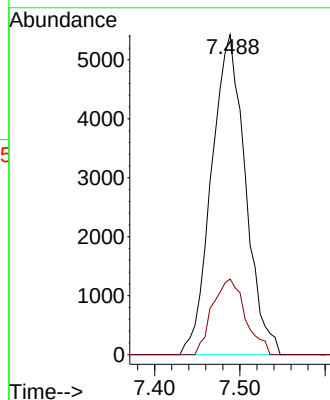
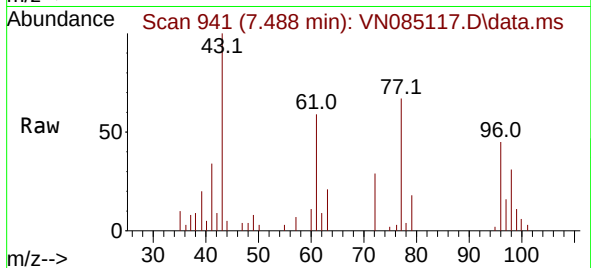
VSTDIC005

Tgt Ion: 77 Resp: 14990

Ion Ratio Lower Upper

77 100

97 23.0 0.0 0.0#



#32

1,1,1-Trichloroethane

Concen: 5.216 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

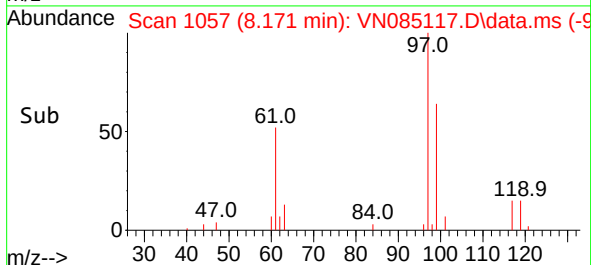
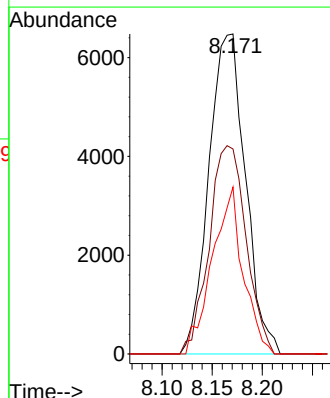
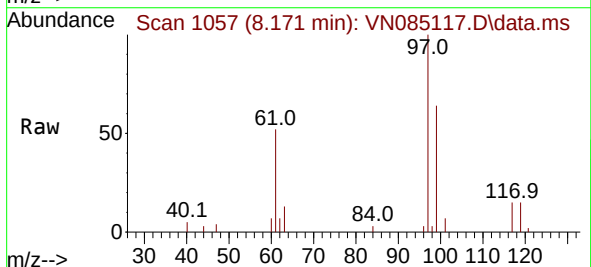
Tgt Ion: 97 Resp: 16430

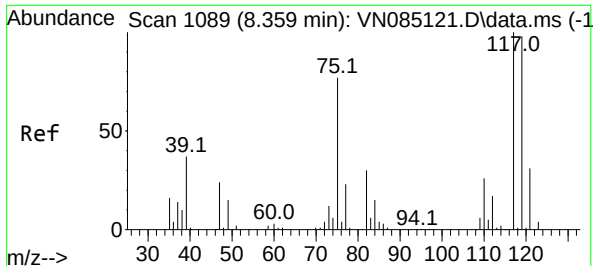
Ion Ratio Lower Upper

97 100

99 66.0 50.8 76.2

61 44.0 32.7 49.1

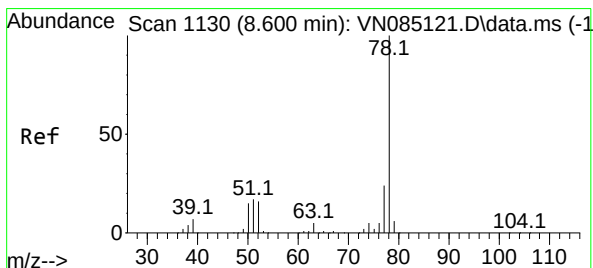
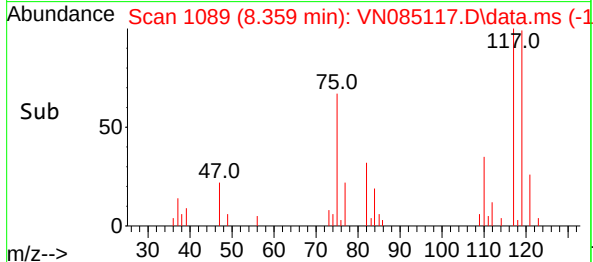
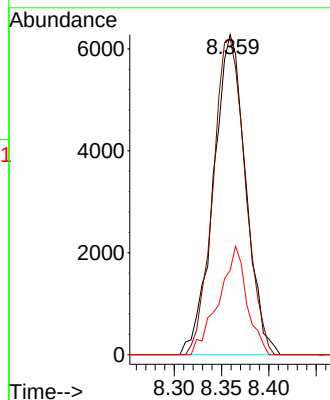
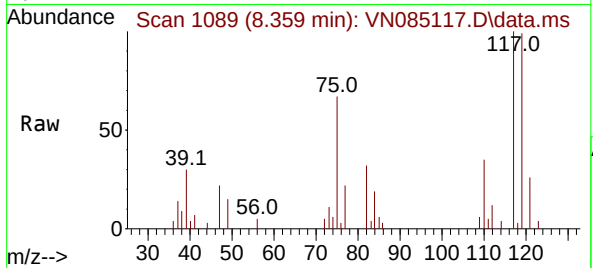




#33
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

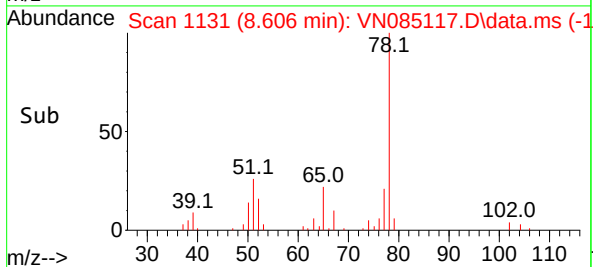
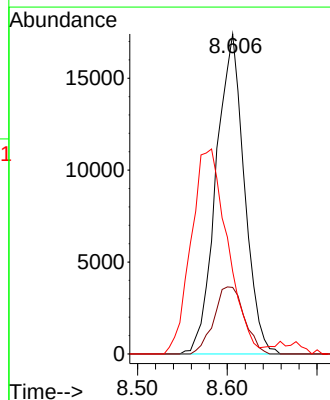
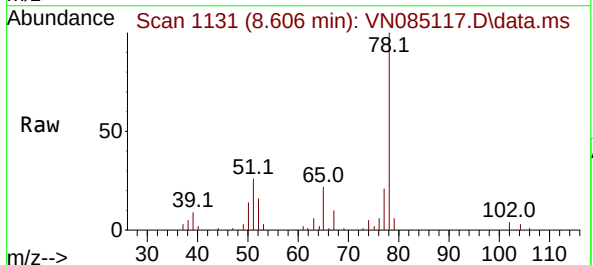
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

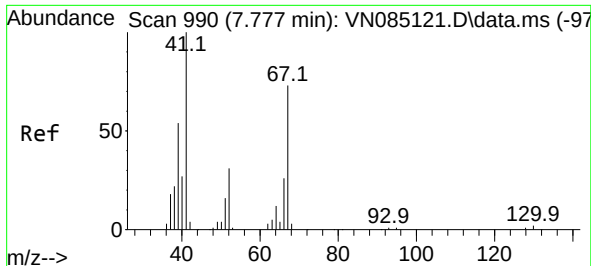
Tgt Ion:117 Resp: 14874
Ion Ratio Lower Upper
117 100
119 98.9 81.6 122.4
121 26.4 26.5 39.7#



#34
Benzene
Concen: 5.199 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 78 Resp: 38013
Ion Ratio Lower Upper
78 100
77 20.8 18.0 27.0
51 21.8 12.4 18.6#

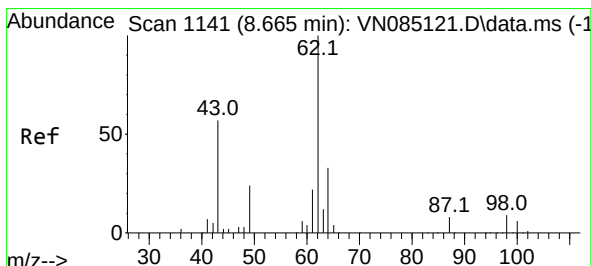
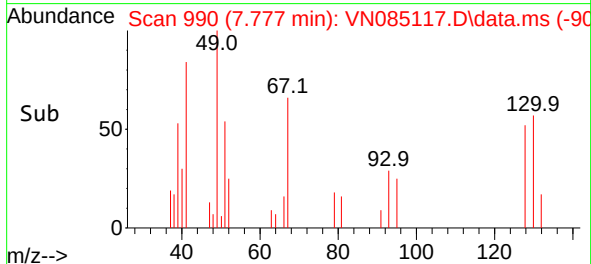
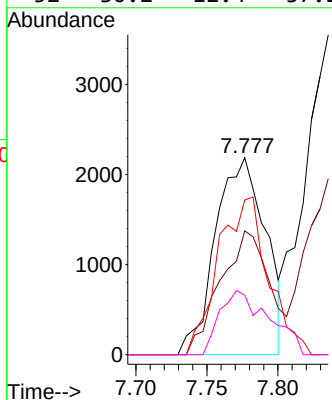
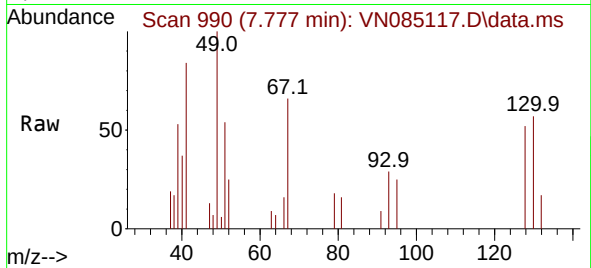




#35
Methacrylonitrile
Concen: 4.455 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

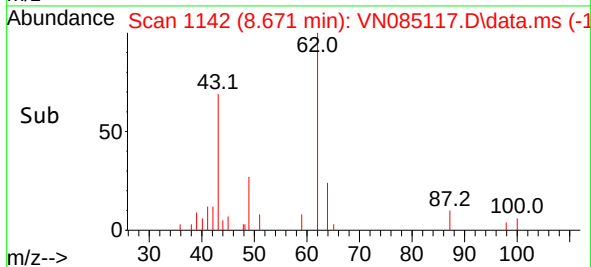
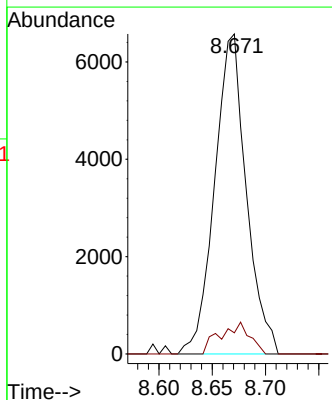
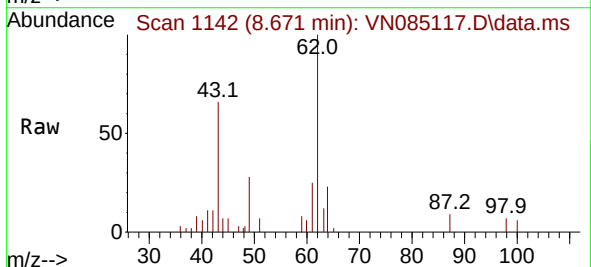
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

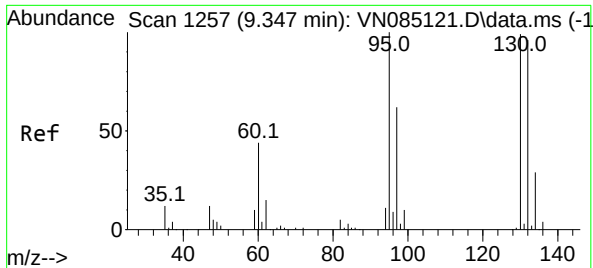
Tgt Ion: 41	Resp: 5355
Ion Ratio	Lower Upper
41 100	
39 62.8	24.4 73.2
67 78.5	37.0 110.9
52 30.2	12.4 37.2



#36
1,2-Dichloroethane
Concen: 5.451 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 62	Resp: 13568
Ion Ratio	Lower Upper
62 100	
98 6.4	7.3 10.9#





#37

Trichloroethene

Concen: 5.067 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

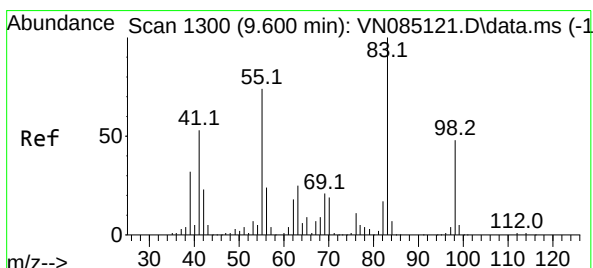
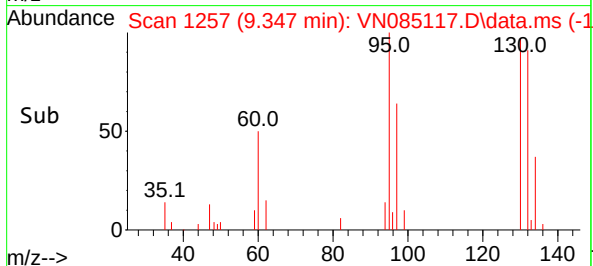
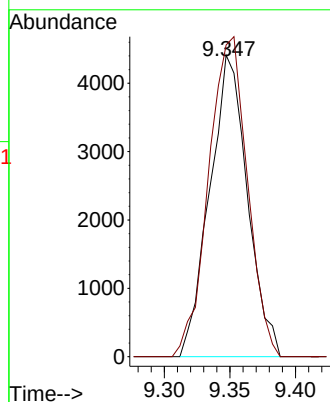
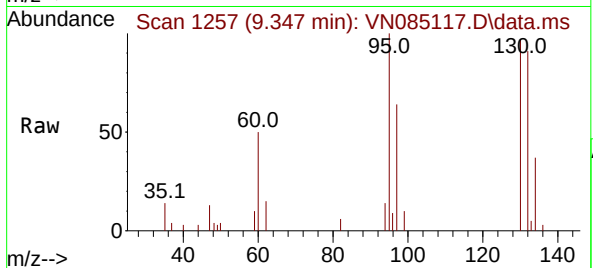
VSTDIC005

Tgt Ion:130 Resp: 8822

Ion Ratio Lower Upper

130 100

95 103.3 76.2 114.4



#38

Methylcyclohexane

Concen: 4.304 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

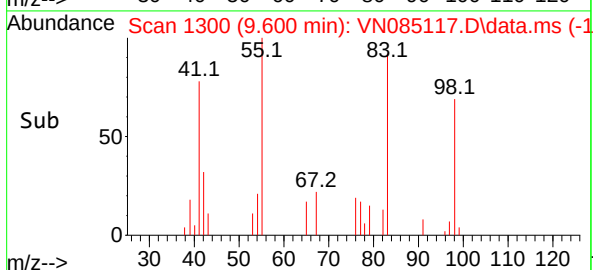
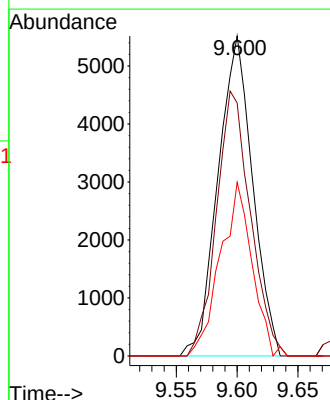
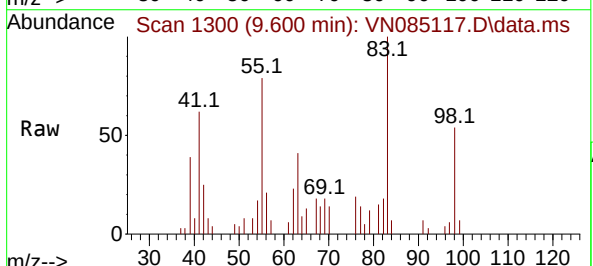
Tgt Ion: 83 Resp: 10891

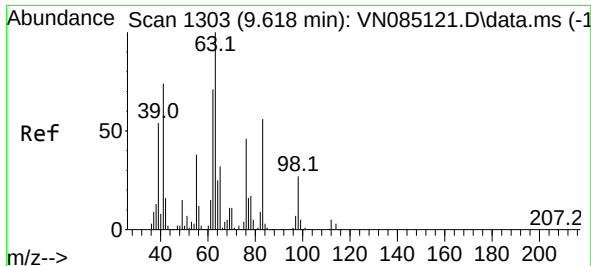
Ion Ratio Lower Upper

83 100

55 81.5 41.4 124.4

98 49.3 25.7 77.1

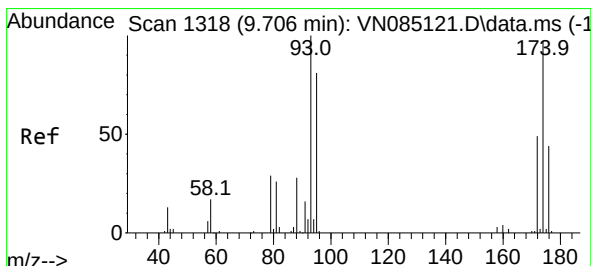
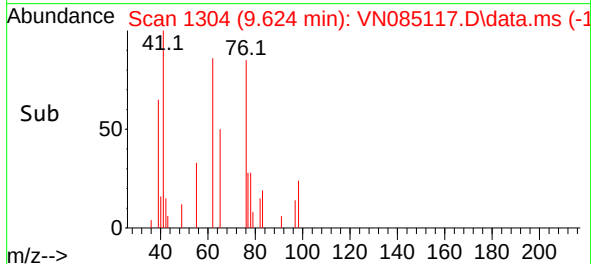
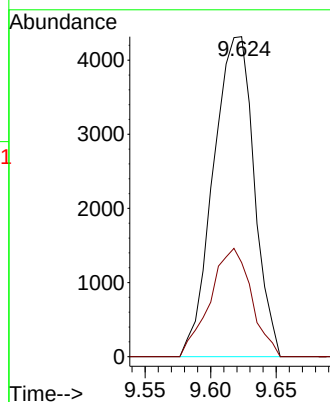
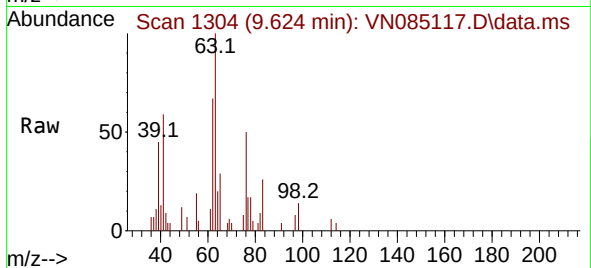




#39
1,2-Dichloropropane
Concen: 5.273 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

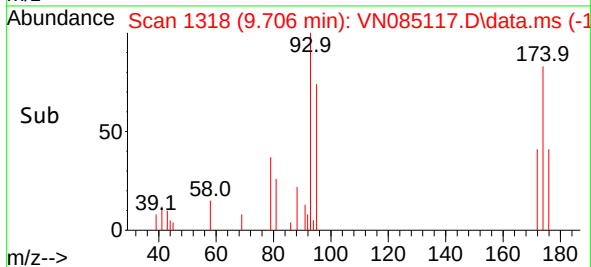
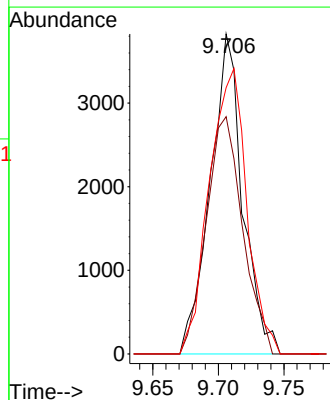
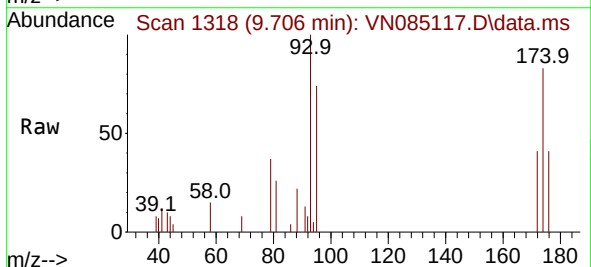
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

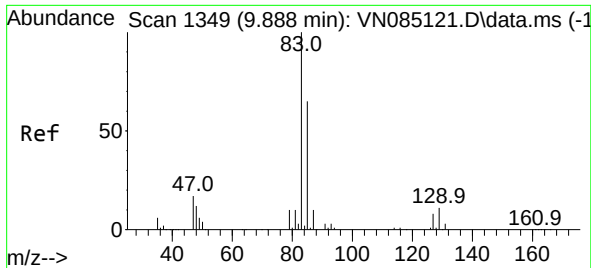
Tgt Ion: 63 Resp: 9337
Ion Ratio Lower Upper
63 100
65 29.4 23.4 35.0



#40
Dibromomethane
Concen: 5.194 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 93 Resp: 6598
Ion Ratio Lower Upper
93 100
95 83.4 0.0 169.4
174 103.1 0.0 189.8

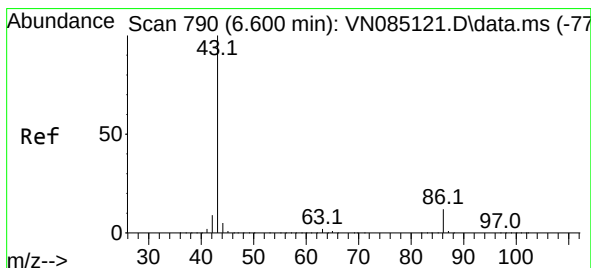
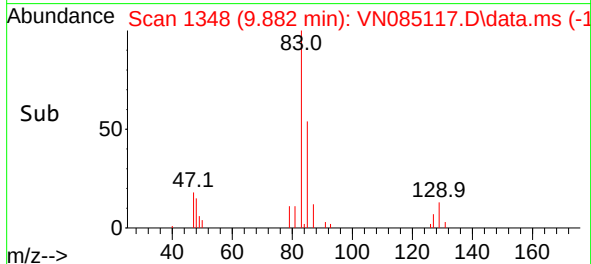
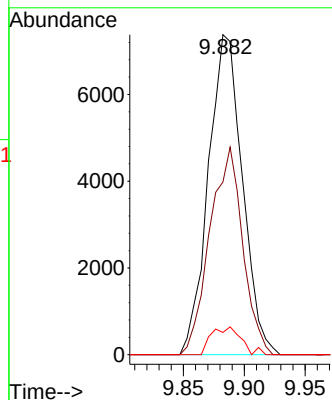
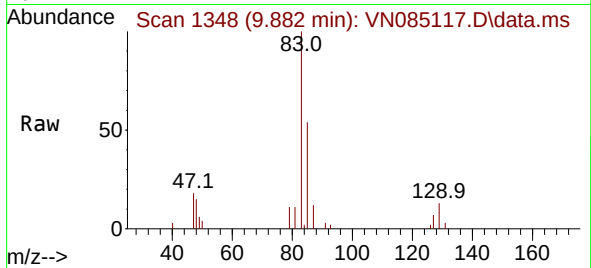




#41
Bromodichloromethane
Concen: 5.278 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

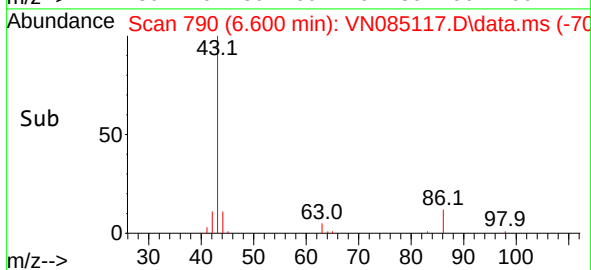
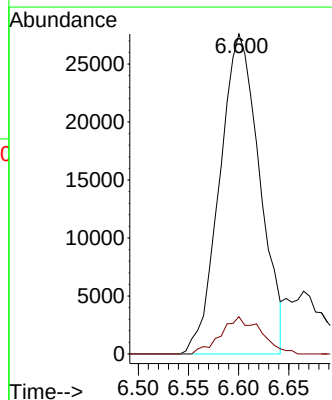
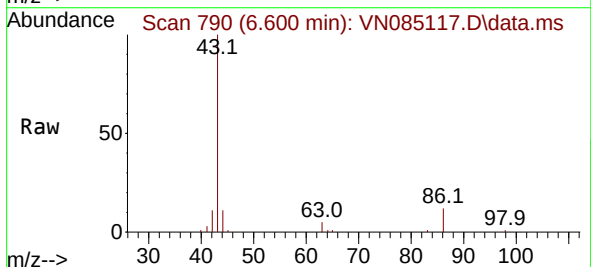
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

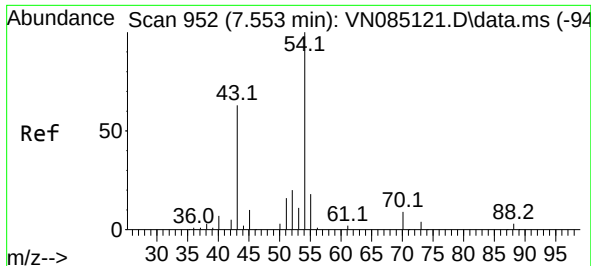
Tgt Ion: 83 Resp: 14332
Ion Ratio Lower Upper
83 100
85 54.0 54.6 81.8#
127 7.0 7.0 10.6#



#42
Vinyl Acetate
Concen: 20.505 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 43 Resp: 76634
Ion Ratio Lower Upper
43 100
86 5.7 9.2 13.8#





#43

Ethyl Acetate

Concen: 4.927 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

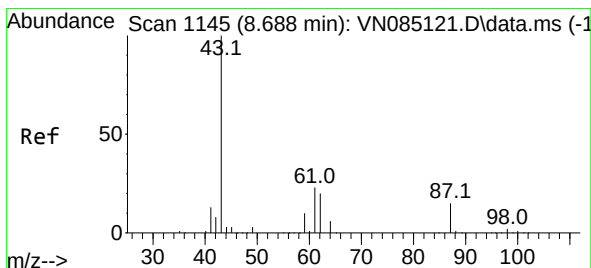
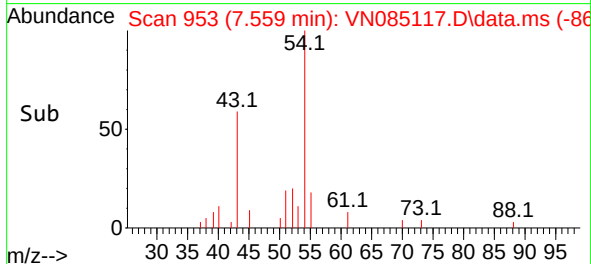
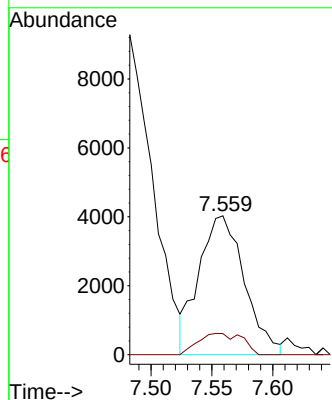
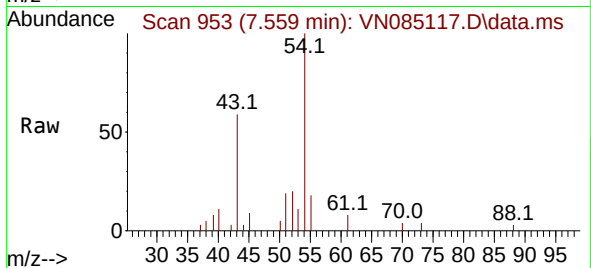
VSTDICC005

Tgt Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

45 10.6 13.3 19.9#



#44

Isopropyl Acetate

Concen: 4.817 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085117.D

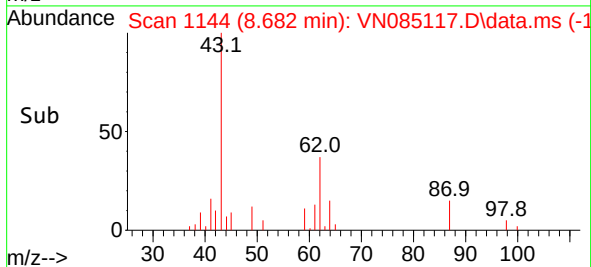
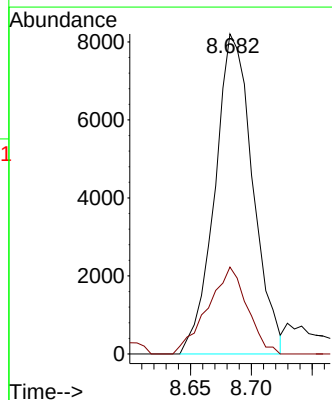
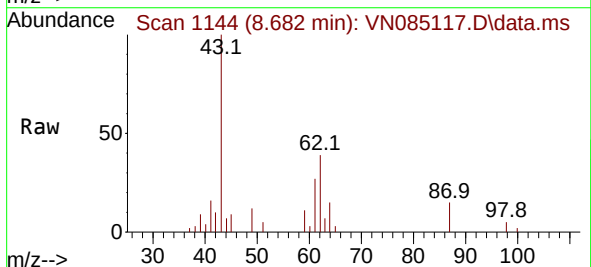
Acq: 06 Dec 2024 10:02

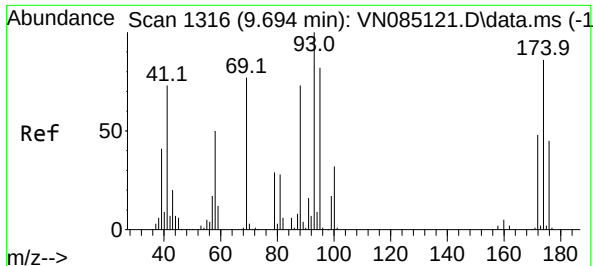
Tgt Ion: 43 Resp: 17789

Ion Ratio Lower Upper

43 100

61 28.1 21.5 32.3

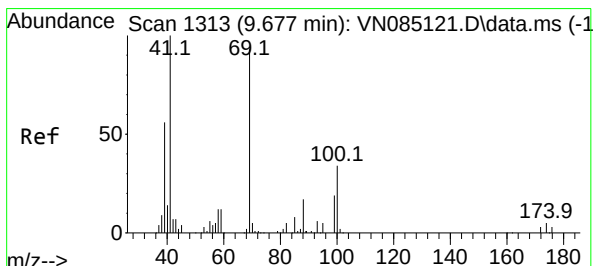
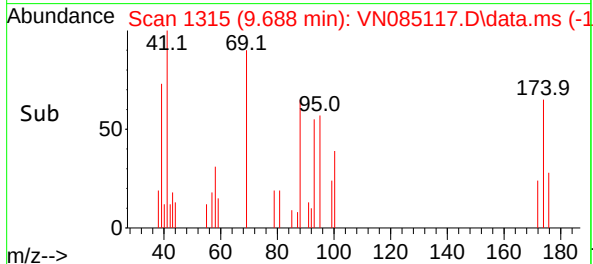
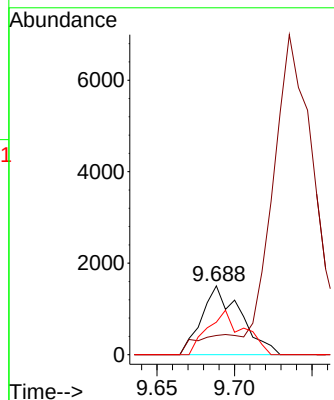
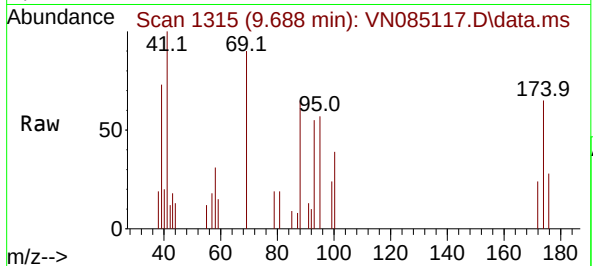




#45
1,4-Dioxane
Concen: 85.662 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

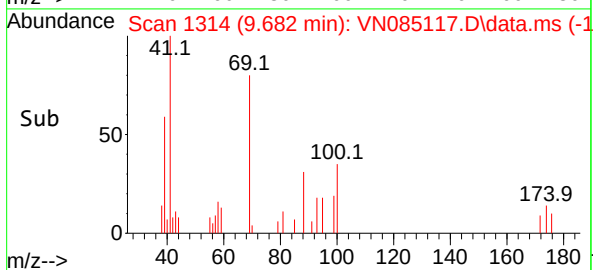
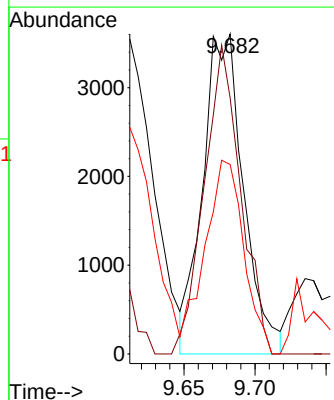
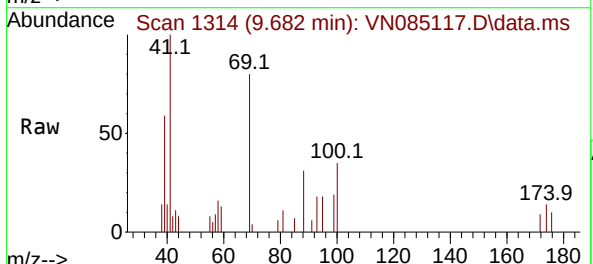
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

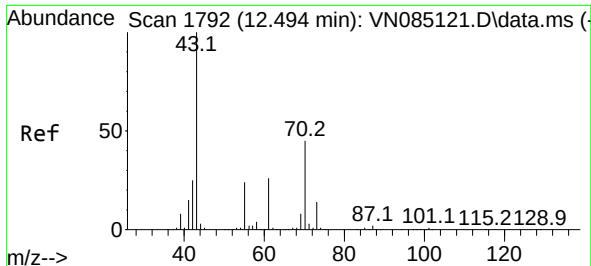
Tgt Ion: 88 Resp: 2638
Ion Ratio Lower Upper
88 100
43 24.8 21.7 32.5
58 42.1 52.6 79.0#



#46
Methyl methacrylate
Concen: 4.258 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 41 Resp: 7196
Ion Ratio Lower Upper
41 100
69 86.1 46.7 140.0
39 63.6 28.5 85.5

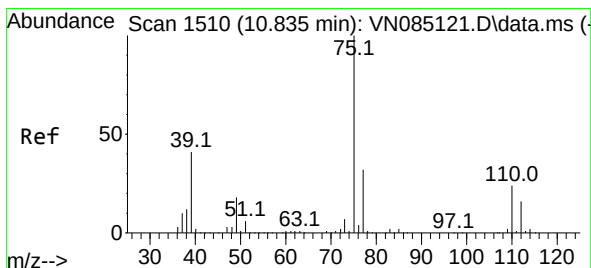
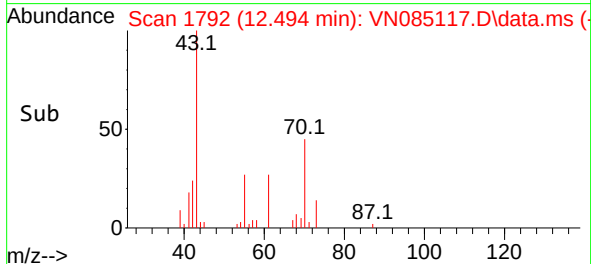
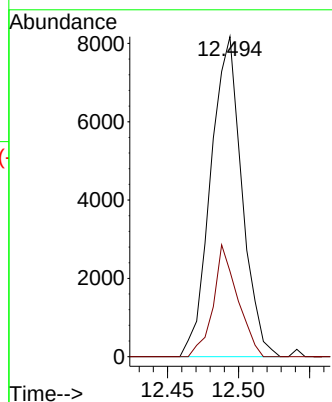
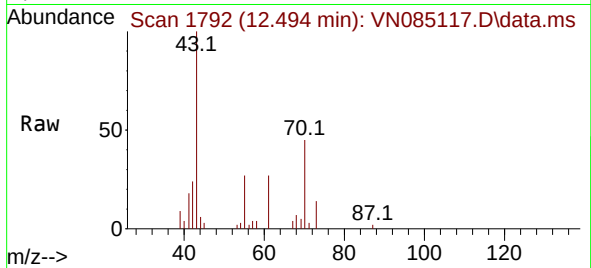




#47
n-amyl acetate
Concen: 4.021 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

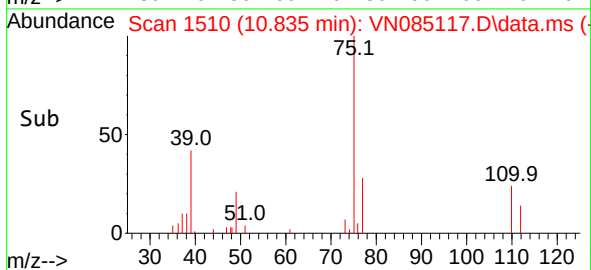
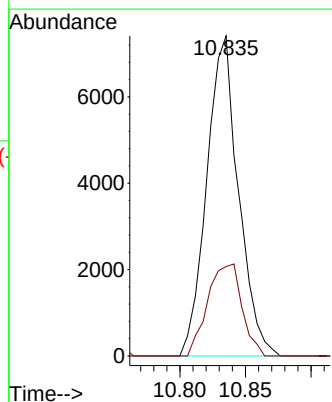
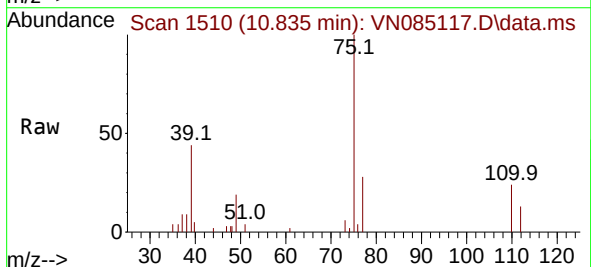
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

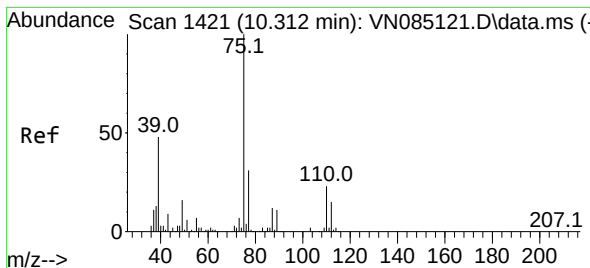
Tgt Ion: 43 Resp: 12494
Ion Ratio Lower Upper
43 100
55 27.3 23.3 34.9



#48
t-1,3-Dichloropropene
Concen: 4.675 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 75 Resp: 12463
Ion Ratio Lower Upper
75 100
77 28.0 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 4.809 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

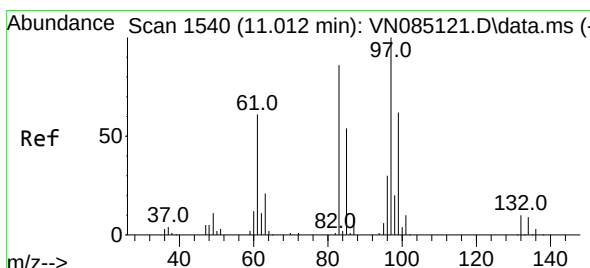
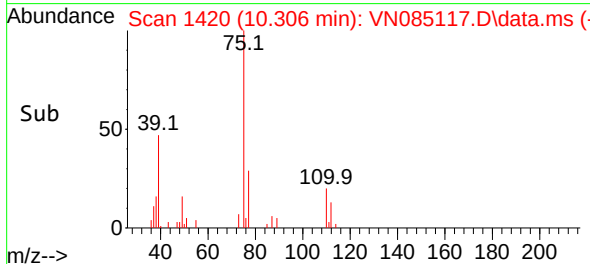
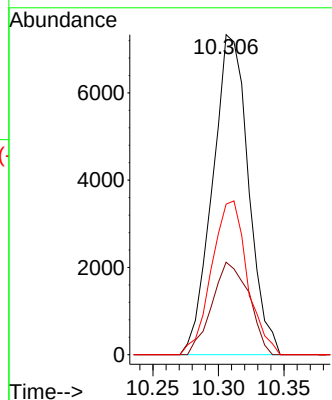
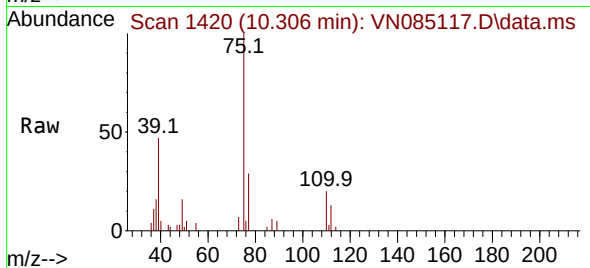
Tgt Ion: 75 Resp: 13955

Ion Ratio Lower Upper

75 100

77 28.9 23.8 35.6

39 47.0 37.3 55.9



#50

1,1,2-Trichloroethane

Concen: 5.429 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion: 97 Resp: 9292

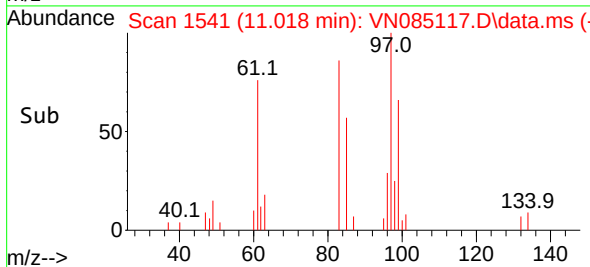
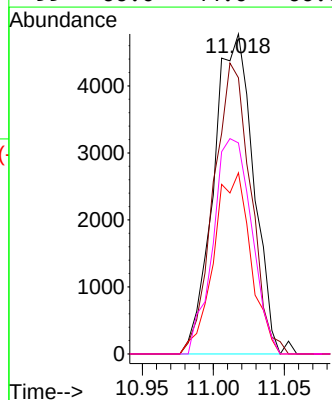
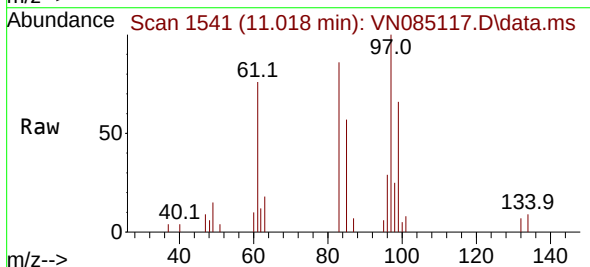
Ion Ratio Lower Upper

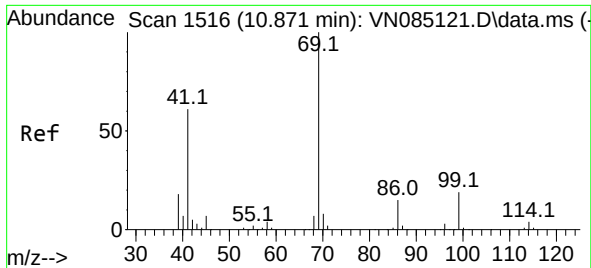
97 100

83 86.3 65.8 98.8

85 56.6 40.8 61.2

99 66.0 44.0 66.0

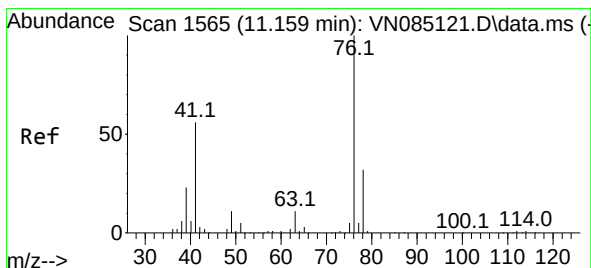
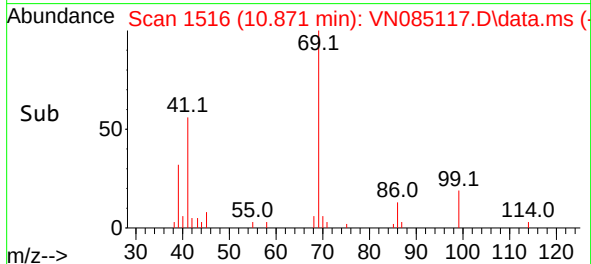
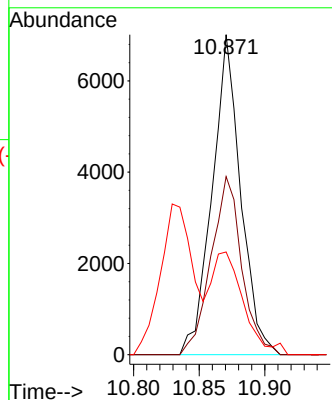
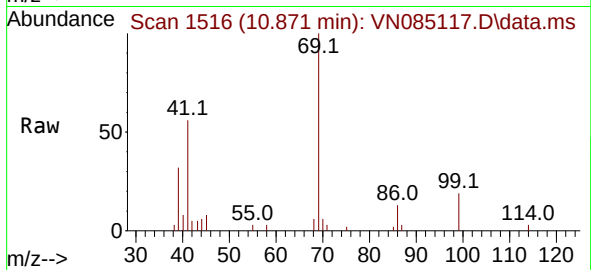




#51
Ethyl methacrylate
Concen: 4.068 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

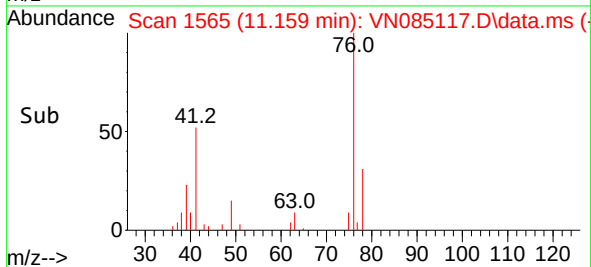
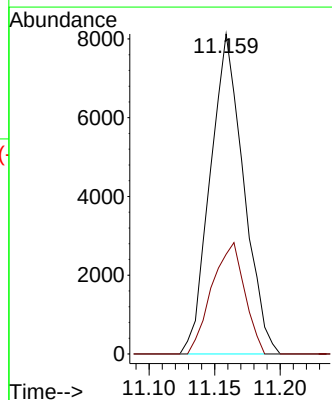
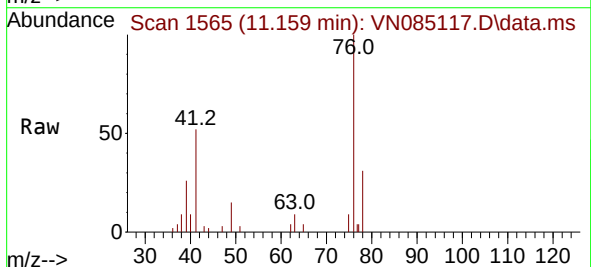
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

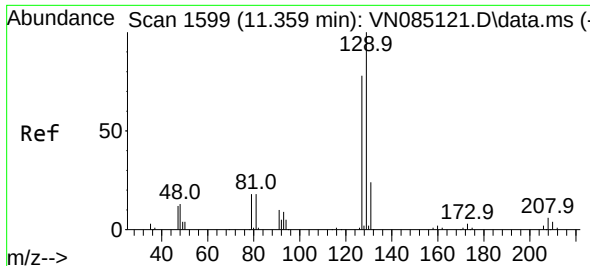
Tgt Ion: 69 Resp: 10590
Ion Ratio Lower Upper
69 100
41 55.7 32.1 96.3
39 28.5 18.8 56.4



#52
1,3-Dichloropropane
Concen: 5.019 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 76 Resp: 14378
Ion Ratio Lower Upper
76 100
78 34.1 0.0 65.6

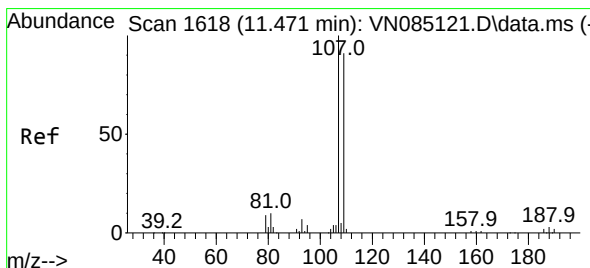
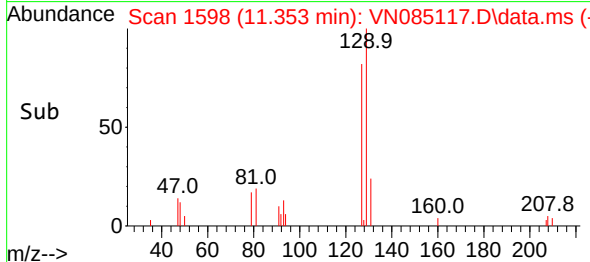
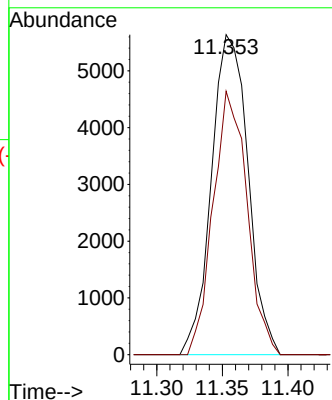
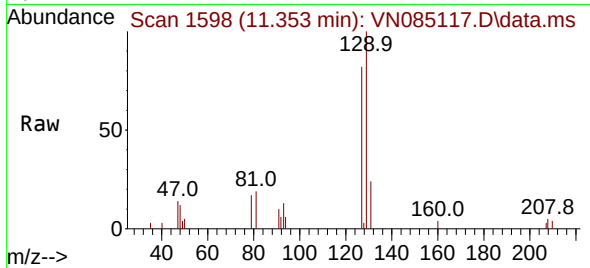




#53
Dibromochloromethane
Concen: 5.246 ug/l
RT: 11.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

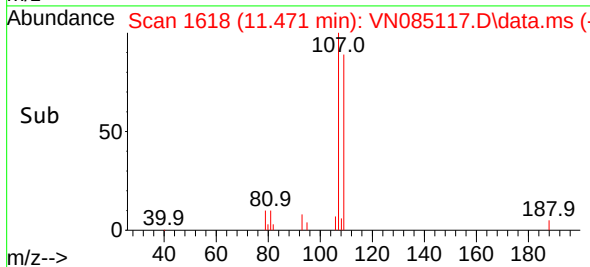
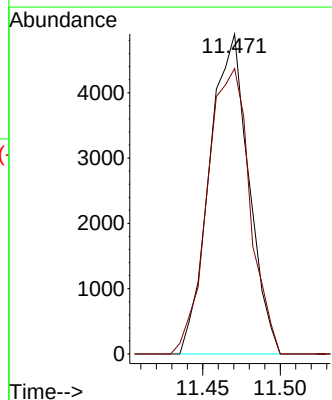
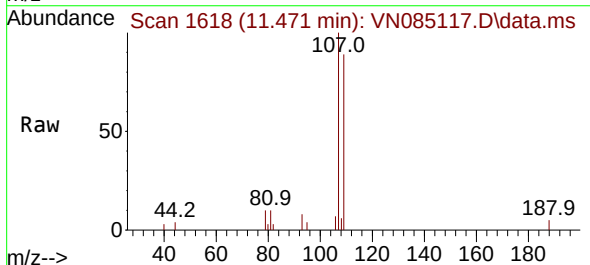
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

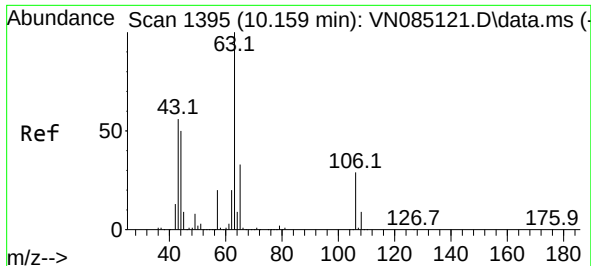
Tgt Ion:129 Resp: 10942
Ion Ratio Lower Upper
129 100
127 76.1 37.3 111.9



#54
1,2-Dibromoethane
Concen: 4.988 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:107 Resp: 8602
Ion Ratio Lower Upper
107 100
109 96.6 75.2 112.8

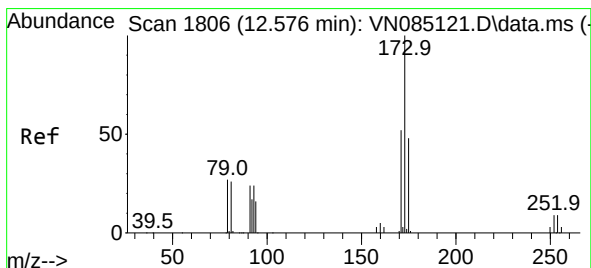
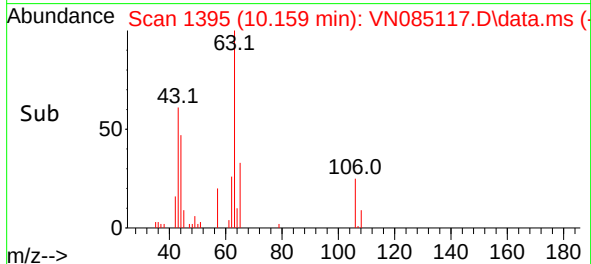
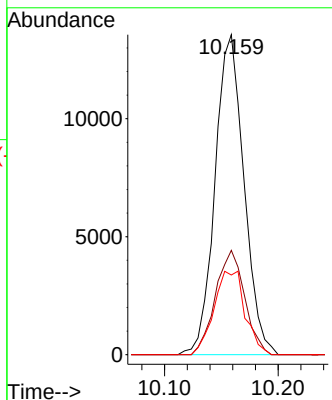
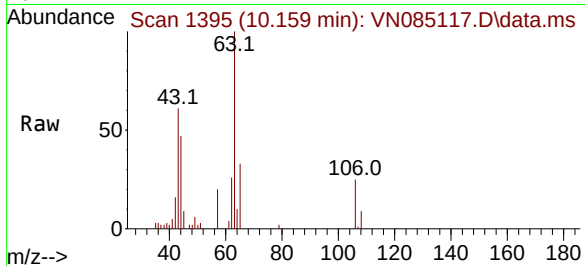




#55
2-Chloroethyl vinyl ether
Concen: 19.844 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

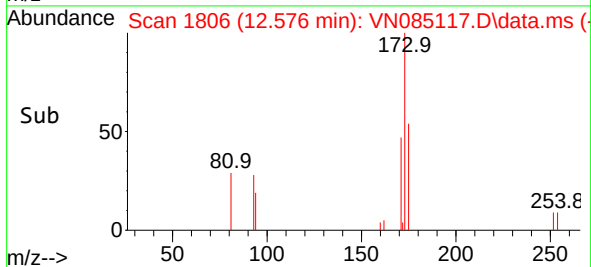
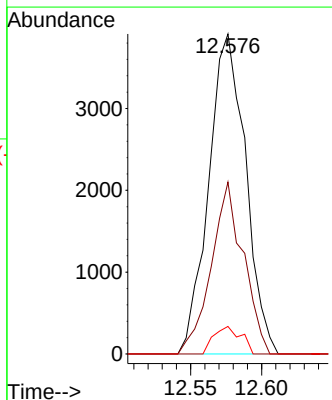
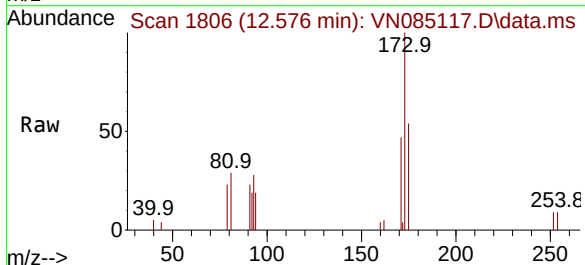
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

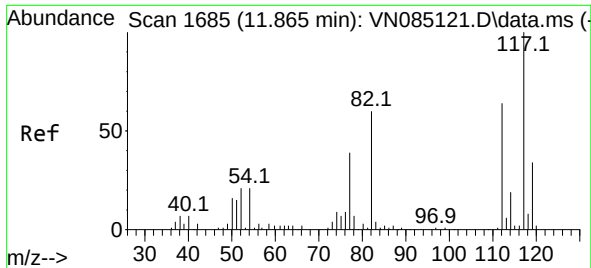
Tgt Ion: 63 Resp: 23999
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9
106 28.1 23.5 35.3



#56
Bromoform
Concen: 5.052 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 173 Resp: 7066
Ion Ratio Lower Upper
173 100
175 46.7 40.2 60.2
254 6.3 6.2 9.4

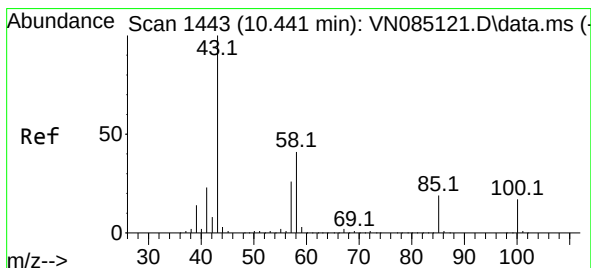
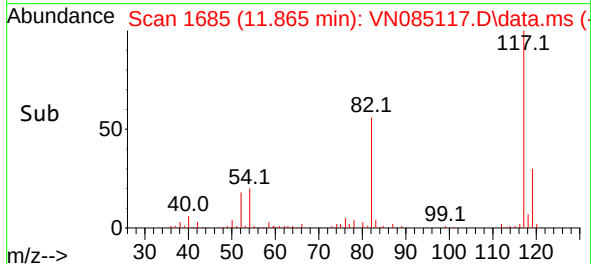
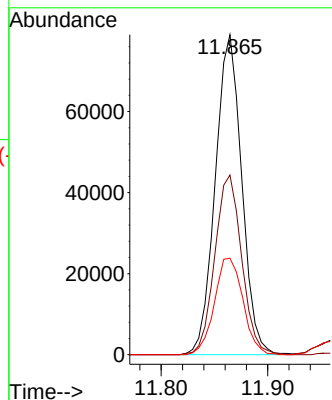
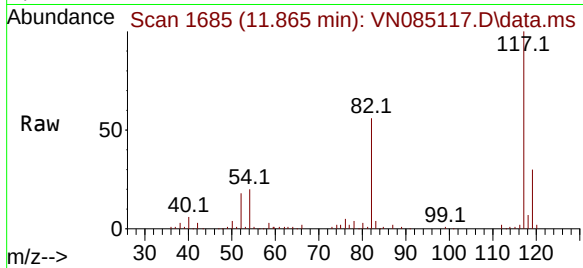




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

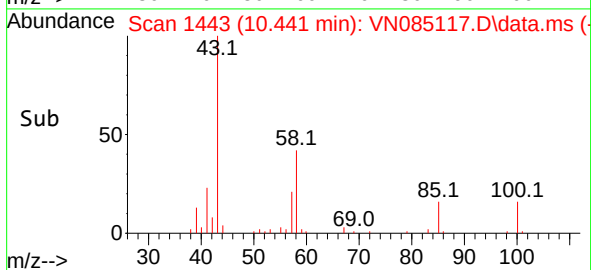
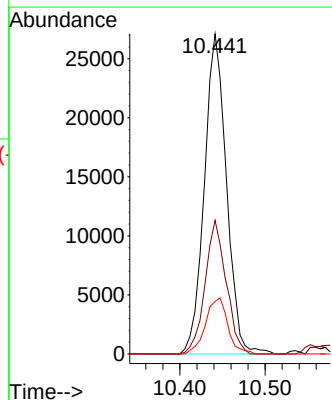
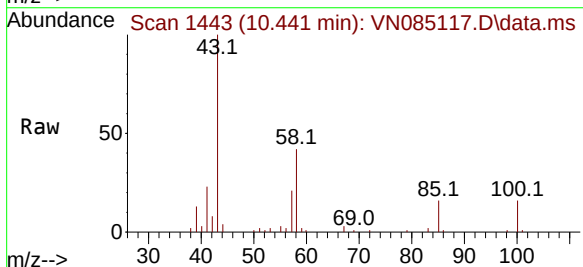
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

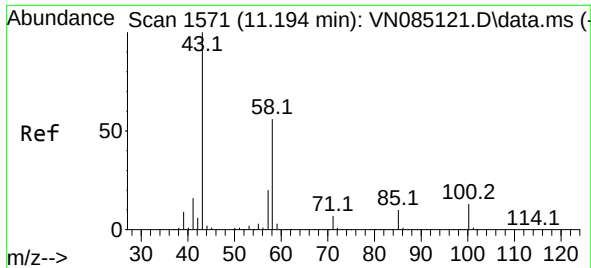
Tgt Ion:117 Resp: 136167
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.4
119 32.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 21.990 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 43 Resp: 48868
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4
85 17.6 15.0 22.6

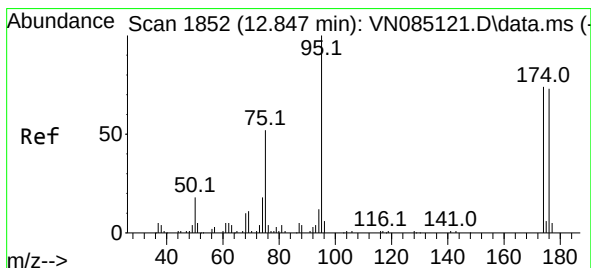
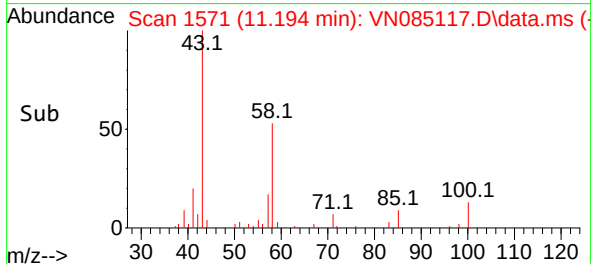
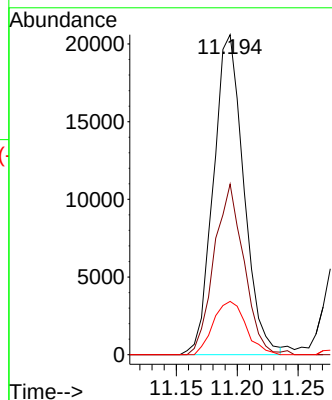
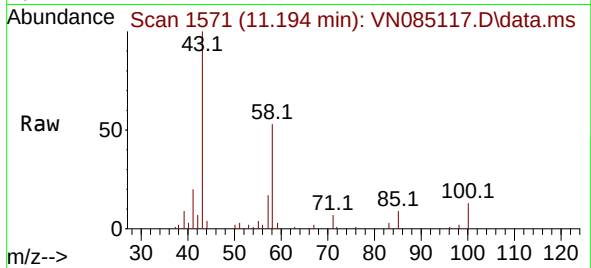




#59
2-Hexanone
Concen: 21.188 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

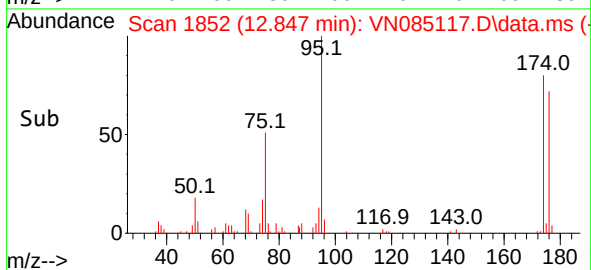
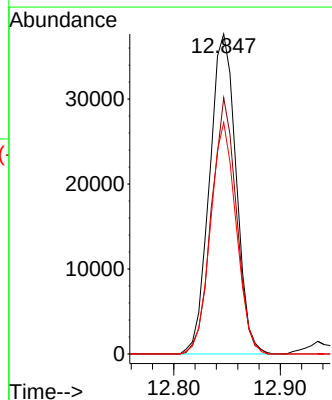
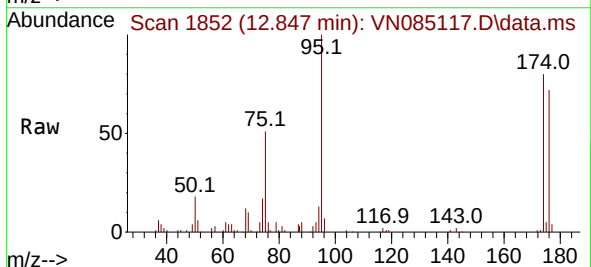
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

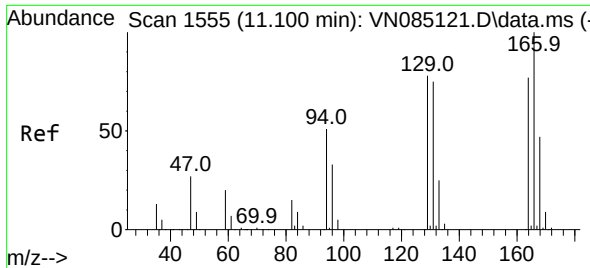
Tgt Ion:	43	Resp:	35678
Ion	Ratio	Lower	Upper
43	100		
58	52.3	43.6	65.4
57	17.9	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 28.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	95	Resp:	65235
Ion	Ratio	Lower	Upper
95	100		
174	75.0	60.3	90.5
176	70.2	57.4	86.0

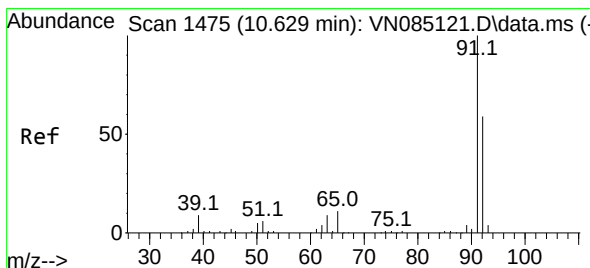
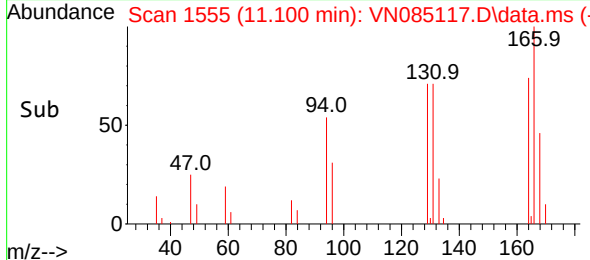
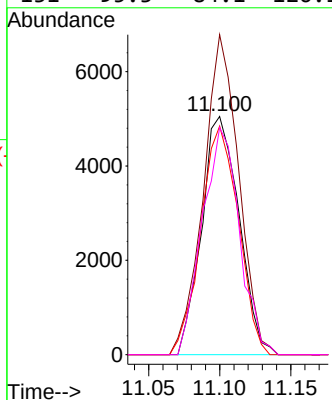
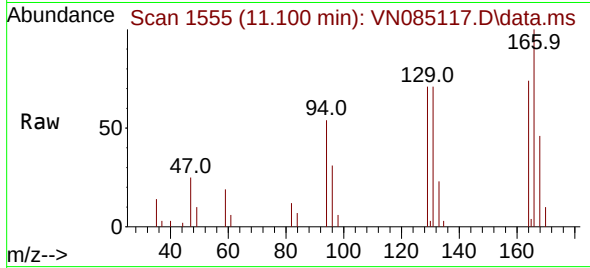




#61
Tetrachloroethene
Concen: 5.604 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

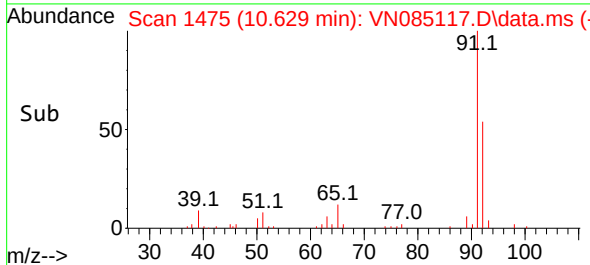
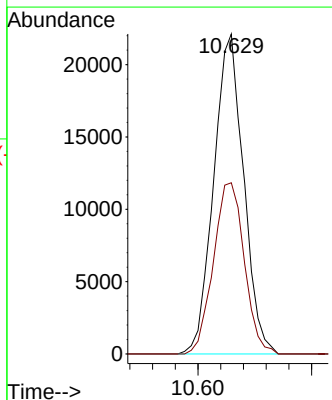
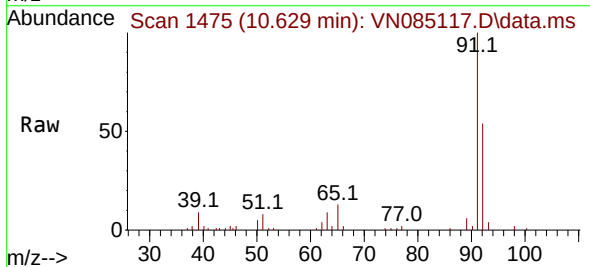
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

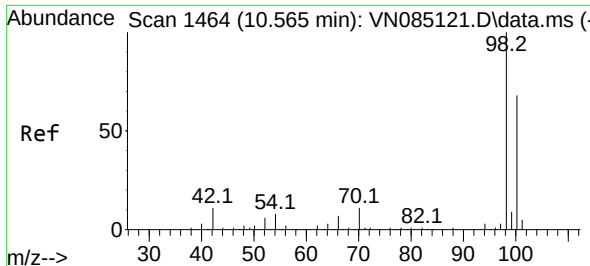
Tgt Ion:164 Resp: 9241
Ion Ratio Lower Upper
164 100
166 134.3 103.8 155.8
129 96.0 84.2 126.4
131 95.3 84.1 126.1



#62
Toluene
Concen: 5.085 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 91 Resp: 40385
Ion Ratio Lower Upper
91 100
92 55.2 46.5 69.7

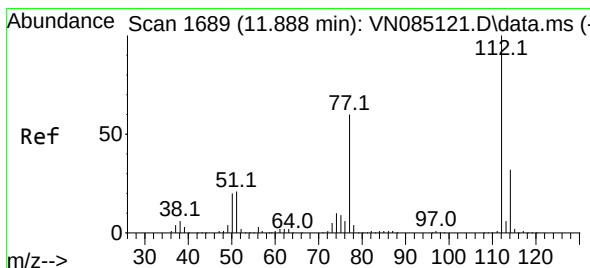
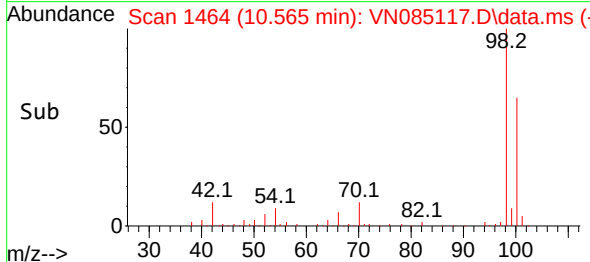
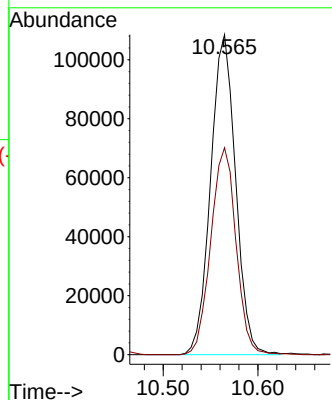
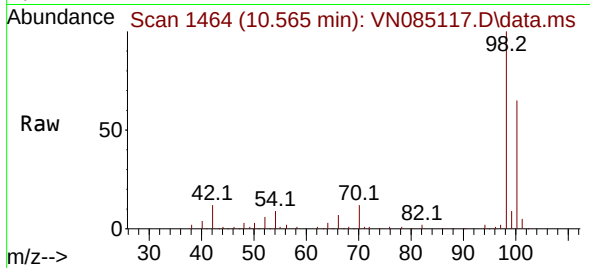




#63
Toluene-d8
Concen: 31.177 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

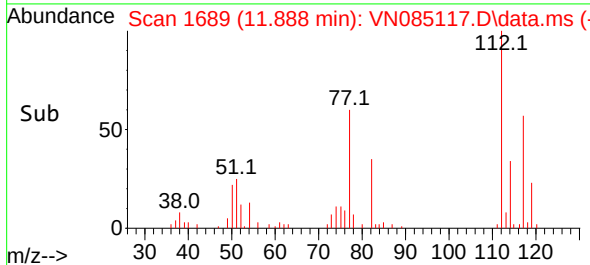
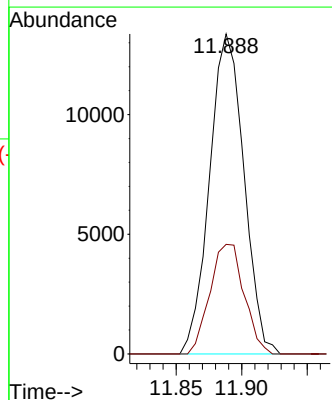
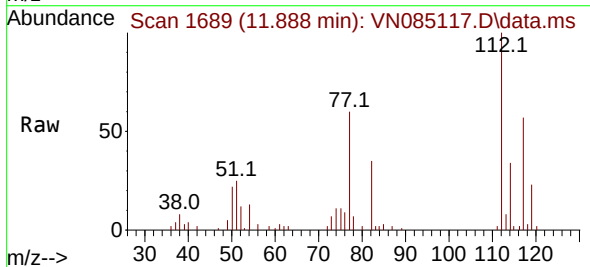
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

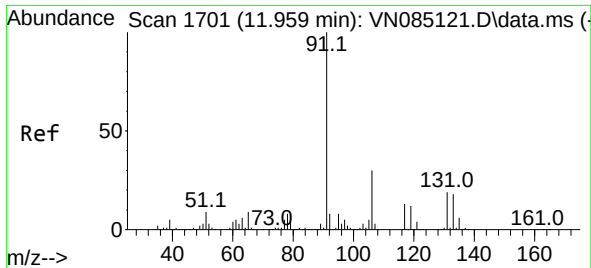
Tgt Ion: 98 Resp: 199139
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#64
Chlorobenzene
Concen: 4.972 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 112 Resp: 24379
Ion Ratio Lower Upper
112 100
114 34.2 26.0 39.0

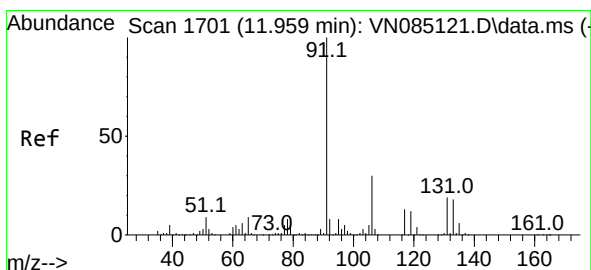
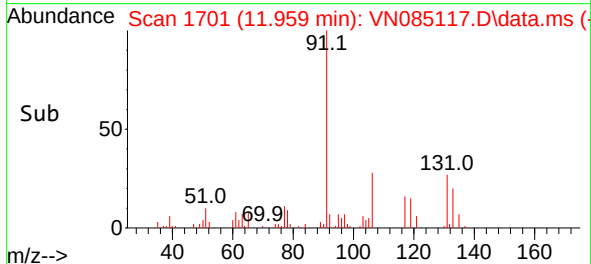
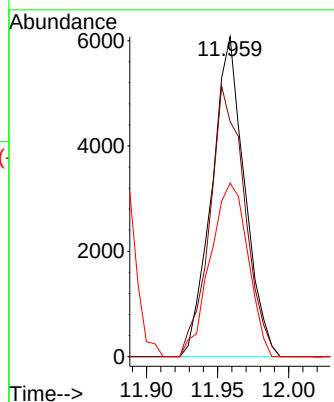
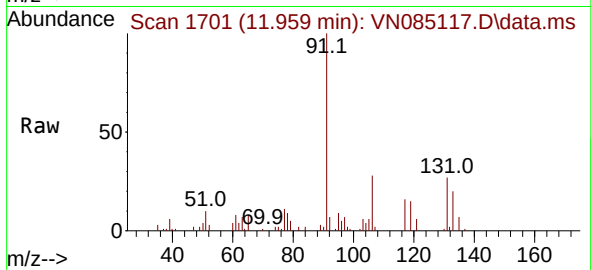




#65
 1,1,1,2-Tetrachloroethane
 Concen: 5.352 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

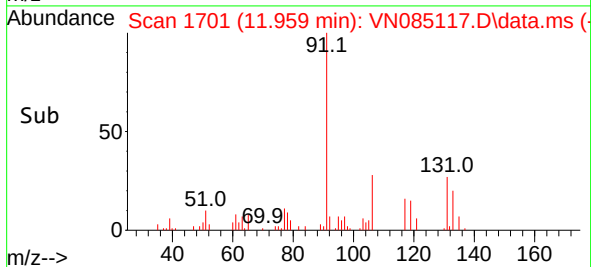
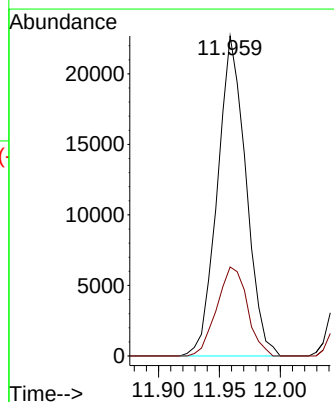
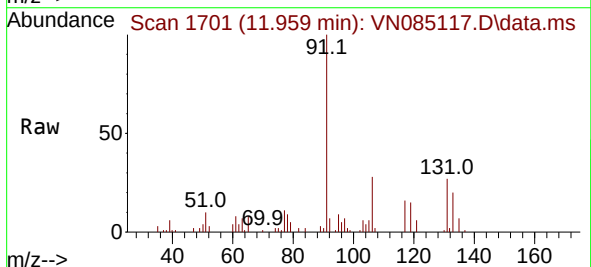
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

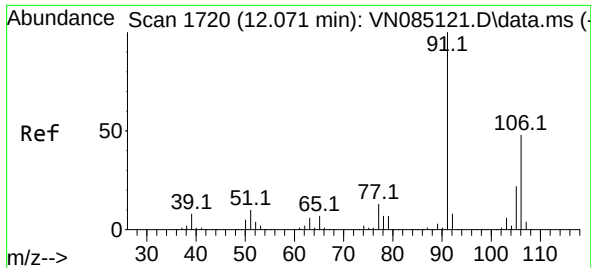
Tgt Ion:131 Resp: 9796
 Ion Ratio Lower Upper
 131 100
 133 89.3 0.0 194.0
 119 61.9 0.0 131.8



#66
 Ethyl Benzene
 Concen: 4.380 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Tgt Ion: 91 Resp: 36907
 Ion Ratio Lower Upper
 91 100
 106 27.8 23.1 34.7

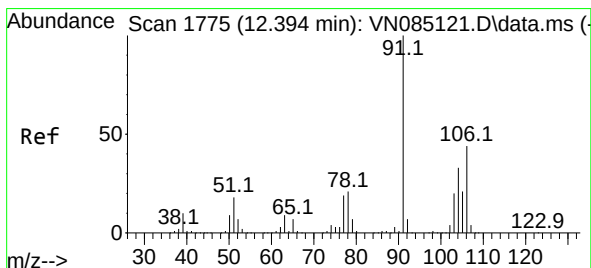
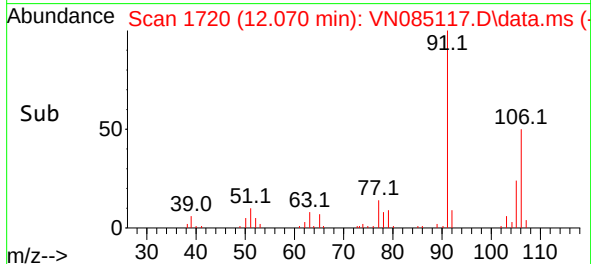
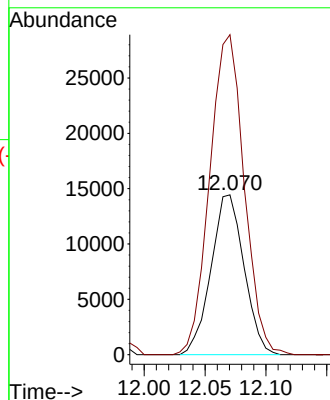
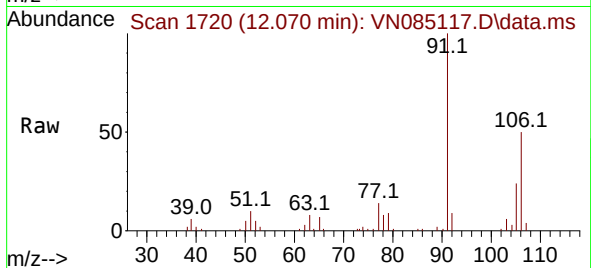




#67
m/p-Xylenes
Concen: 8.414 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

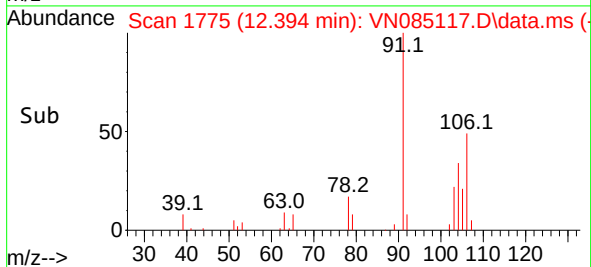
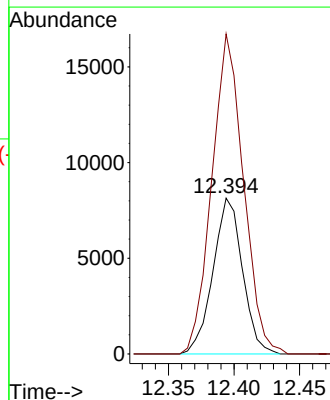
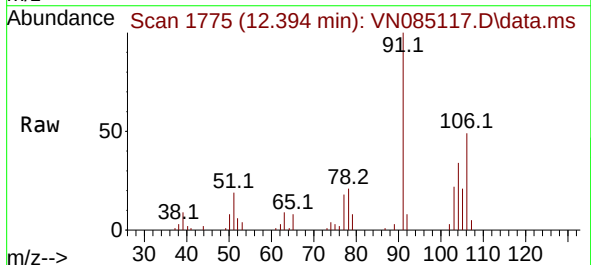
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

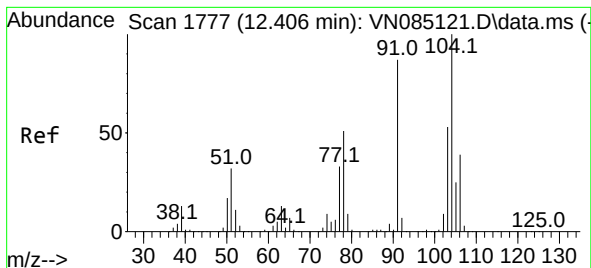
Tgt Ion:106 Resp: 27271
Ion Ratio Lower Upper
106 100
91 208.7 165.0 247.4



#68
o-Xylene
Concen: 4.186 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:106 Resp: 12741
Ion Ratio Lower Upper
106 100
91 220.0 112.1 336.4





#69

Styrene

Concen: 3.918 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

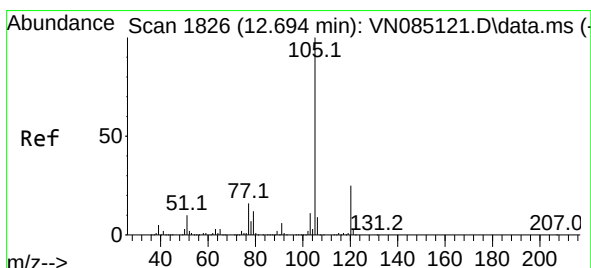
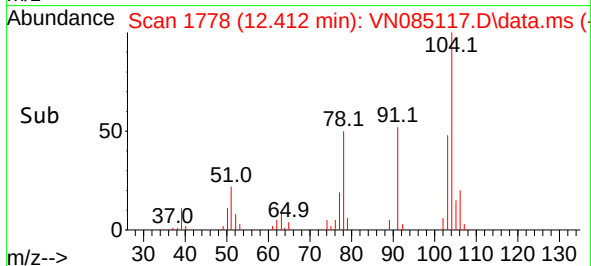
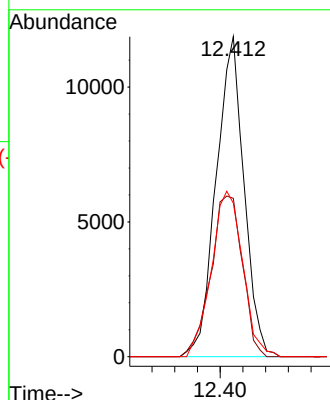
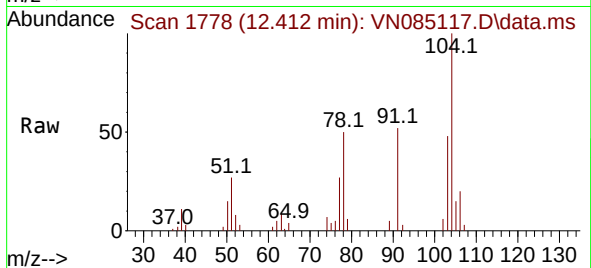
Tgt Ion:104 Resp: 20235

Ion Ratio Lower Upper

104 100

78 57.0 42.3 63.5

103 58.1 44.4 66.6



#70

Isopropylbenzene

Concen: 4.073 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085117.D

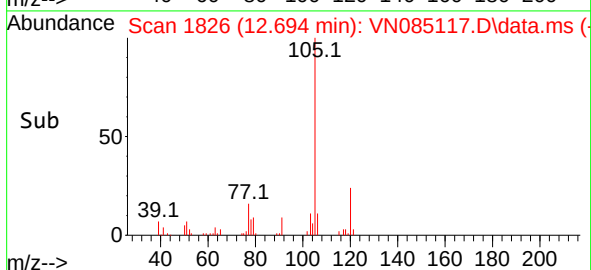
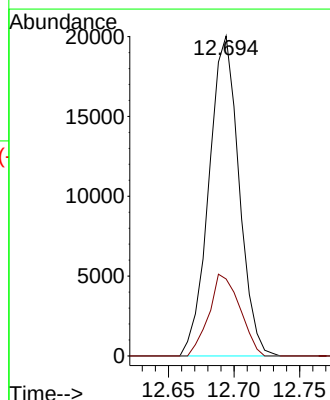
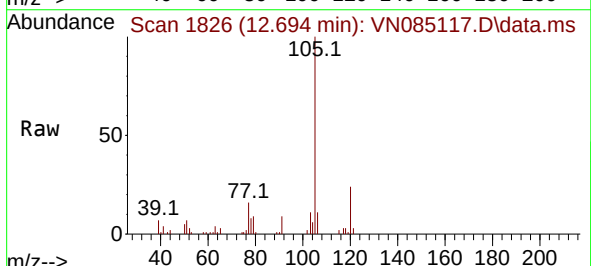
Acq: 06 Dec 2024 10:02

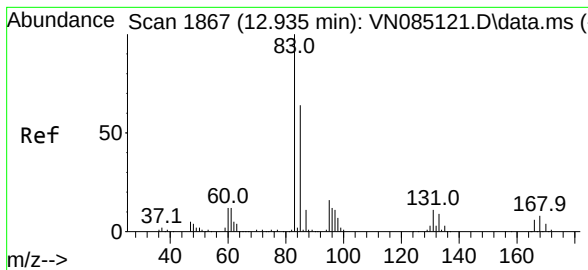
Tgt Ion:105 Resp: 31980

Ion Ratio Lower Upper

105 100

120 26.3 18.3 33.9

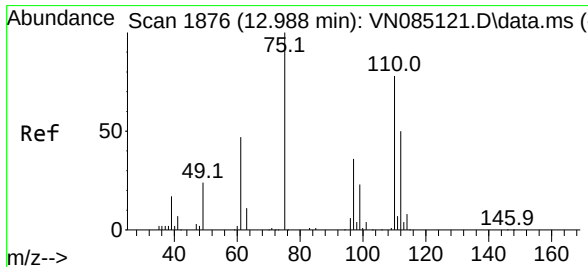
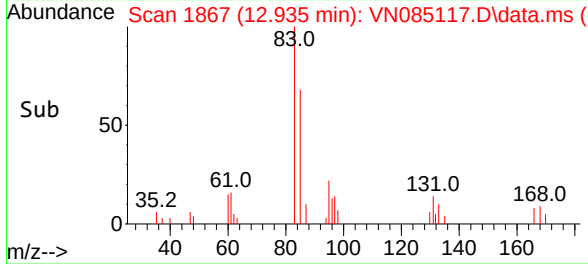
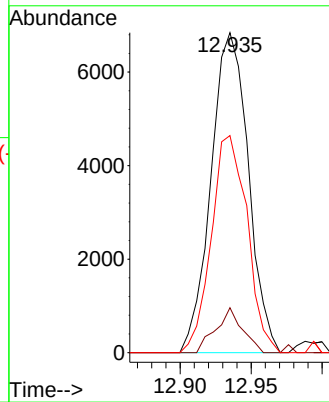
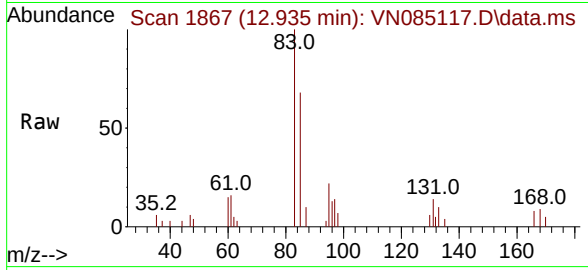




#71
1,1,2,2-Tetrachloroethane
Concen: 5.232 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

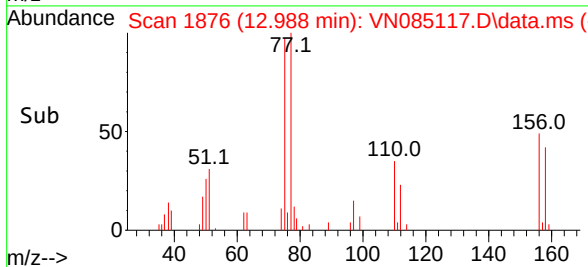
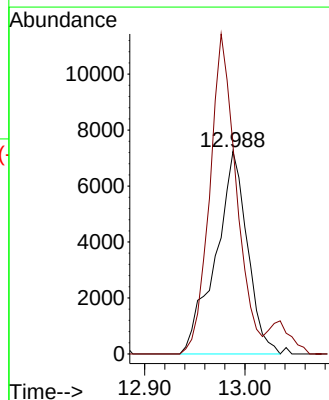
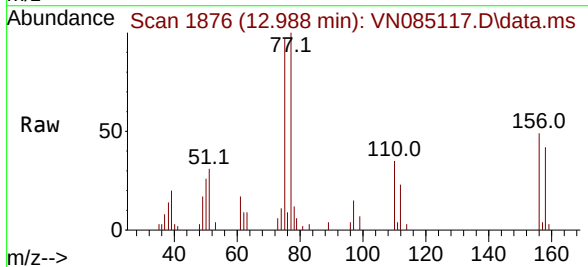
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

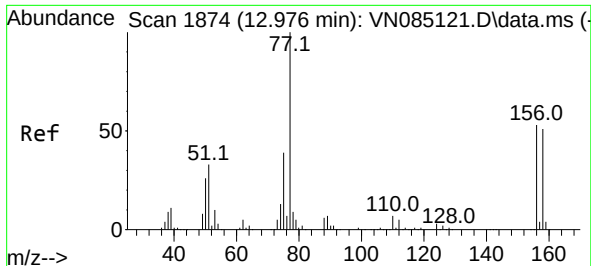
Tgt Ion: 83 Resp: 12502
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.2 31.1 93.5



#72
1,2,3-Trichloropropane
Concen: 6.740 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion: 75 Resp: 15909
Ion Ratio Lower Upper
75 100
77 132.7 0.0 339.0

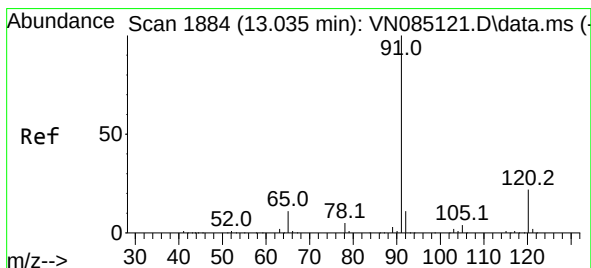
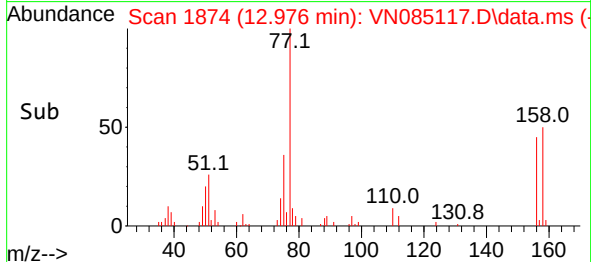
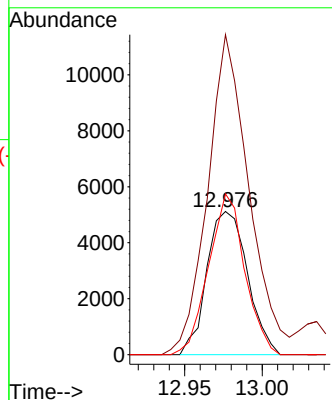
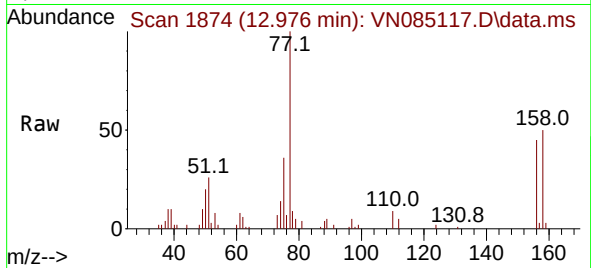




#73
Bromobenzene
Concen: 4.742 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

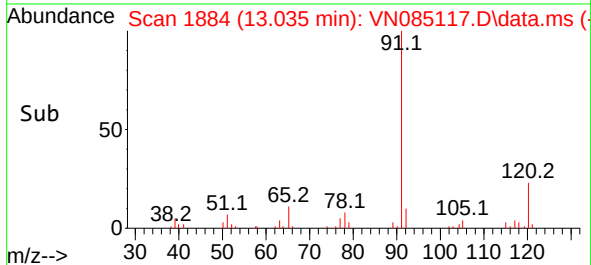
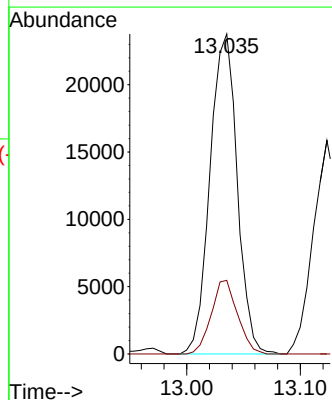
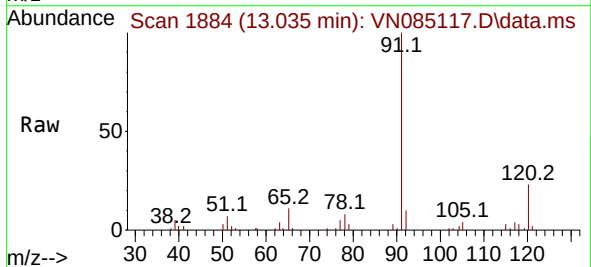
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

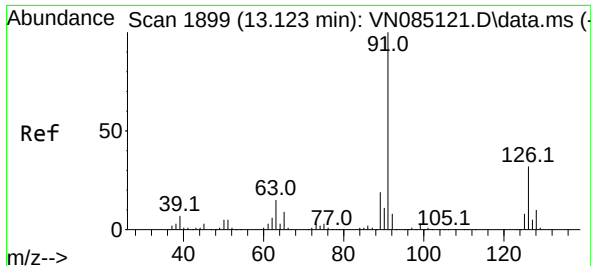
Tgt Ion:	156	Resp:	9325
Ion Ratio	Lower	Upper	
156	100		
77	226.5	0.0	430.4
158	100.2	0.0	195.2



#74
n-propylbenzene
Concen: 4.194 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	91	Resp:	39585
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.0

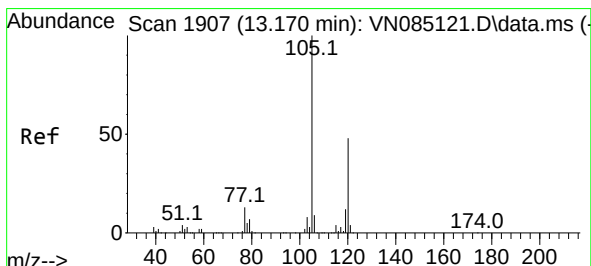
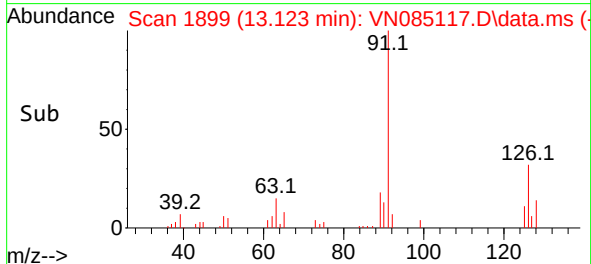
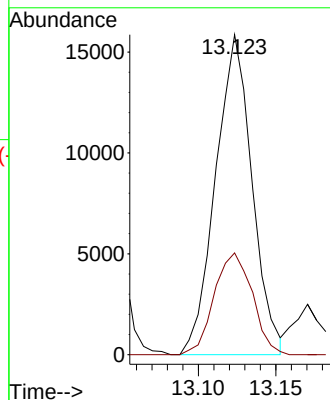
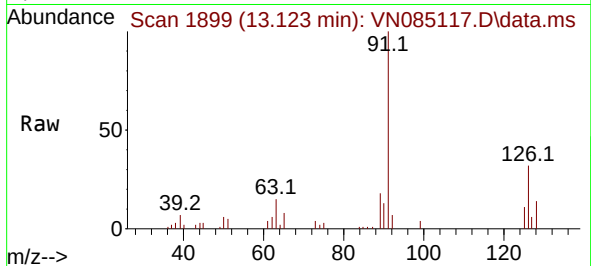




#75
2-Chlorotoluene
Concen: 4.445 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

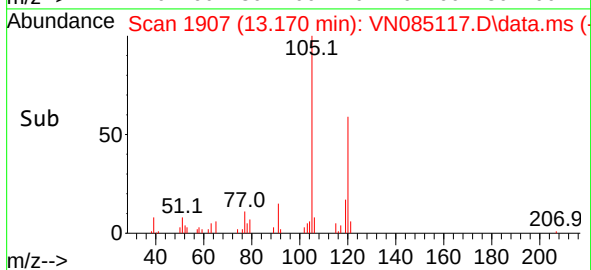
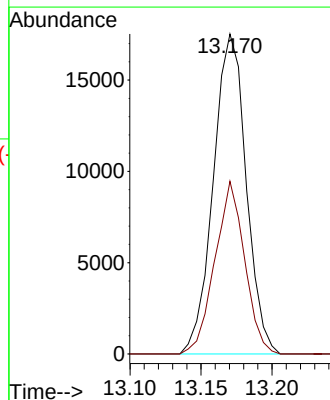
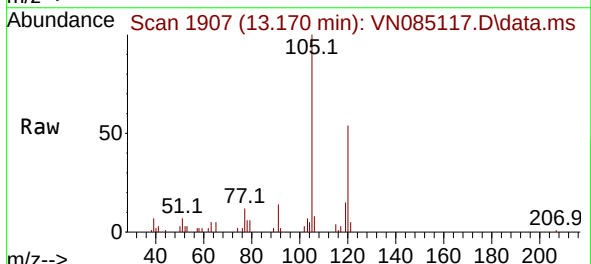
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

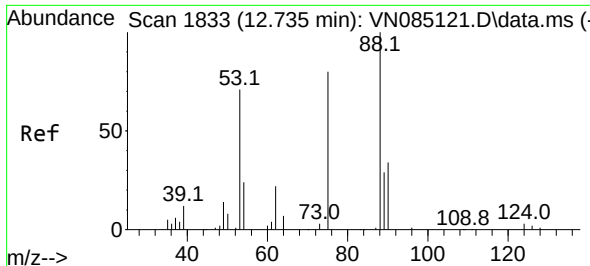
Tgt Ion: 91 Resp: 25942
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 4.187 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:105 Resp: 28160
Ion Ratio Lower Upper
105 100
120 48.8 0.0 94.4

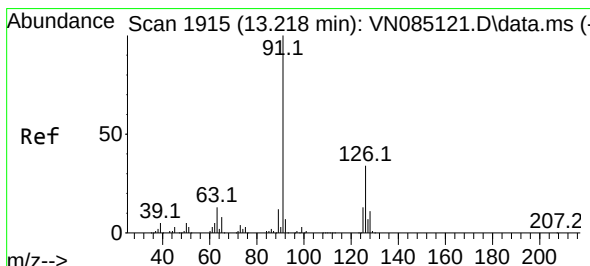
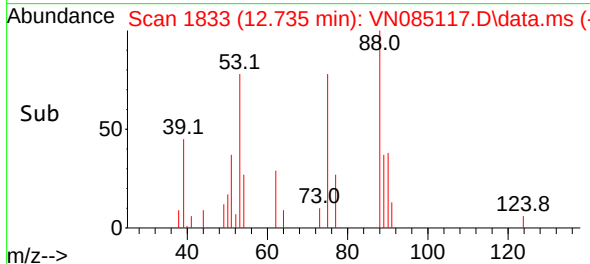
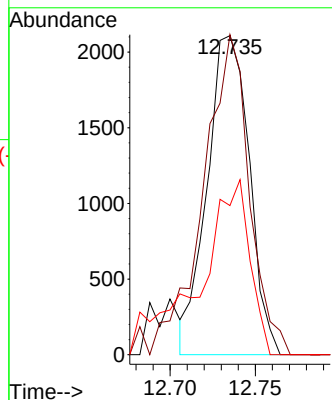
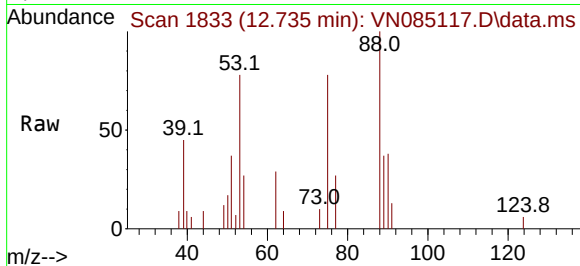




#77
t-1,4-Dichloro-2-butene
Concen: 4.218 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

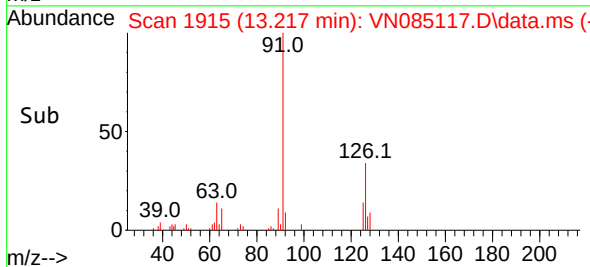
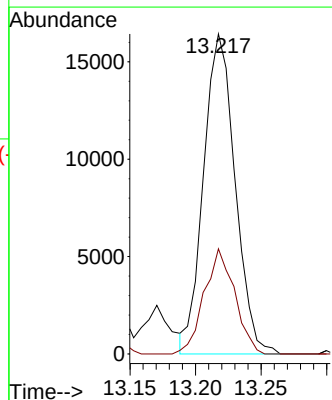
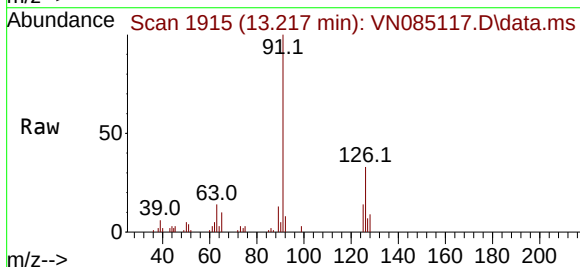
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

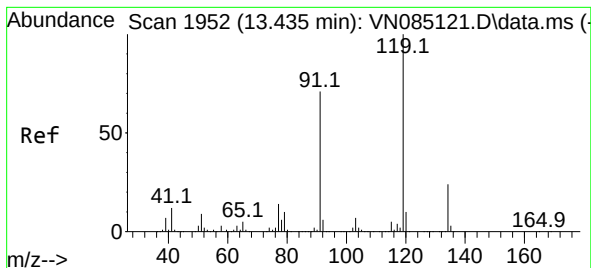
Tgt Ion:	75	Resp:	3618
Ion	Ratio	Lower	Upper
75	100		
53	92.7	49.1	147.3
89	46.8	22.9	68.5



#78
4-Chlorotoluene
Concen: 4.644 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	91	Resp:	27508
Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	64.4

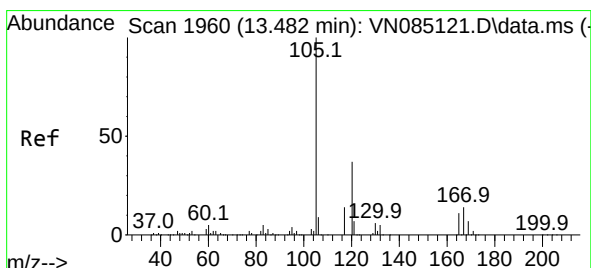
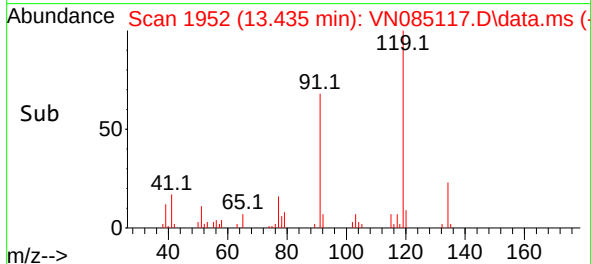
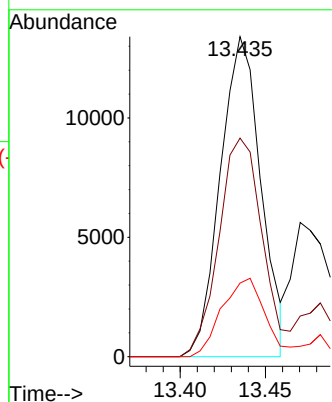
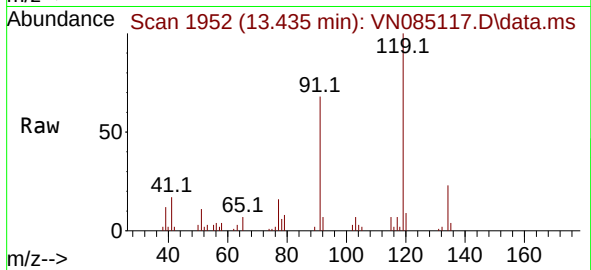




#79
tert-butylbenzene
Concen: 4.019 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

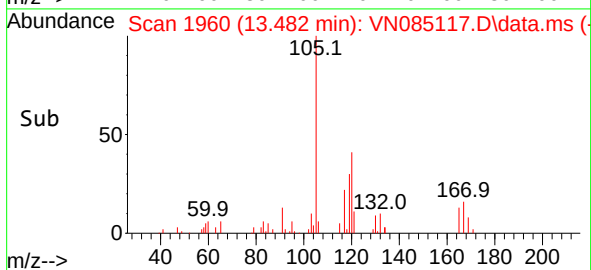
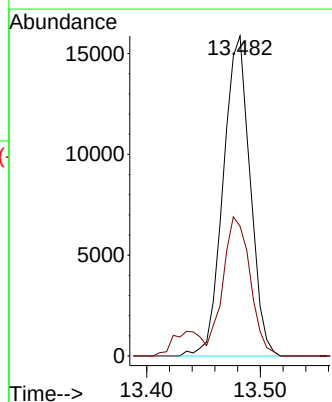
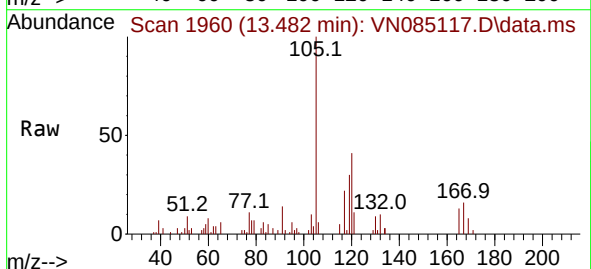
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

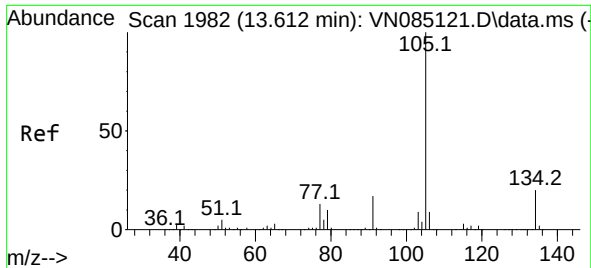
Tgt Ion:119 Resp: 22204
Ion Ratio Lower Upper
119 100
91 73.7 0.0 139.2
134 26.0 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 3.933 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:105 Resp: 26128
Ion Ratio Lower Upper
105 100
120 43.8 0.0 87.4

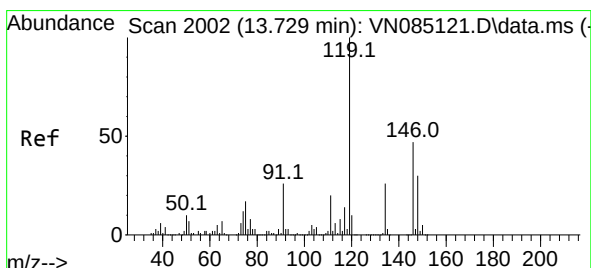
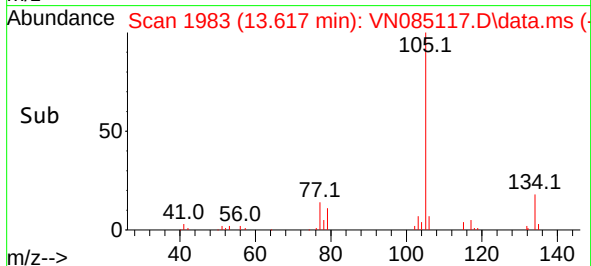
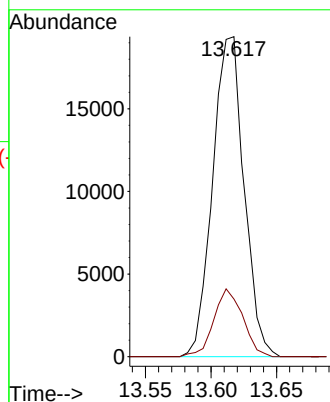
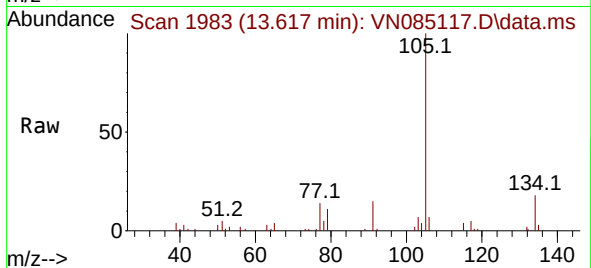




#81
 sec-Butylbenzene
 Concen: 4.109 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

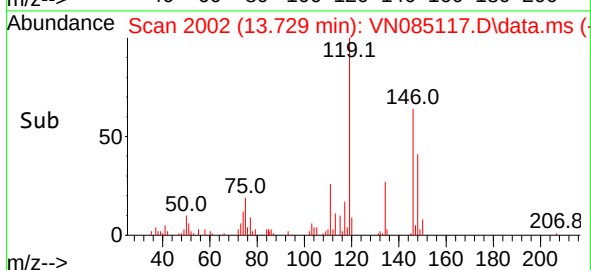
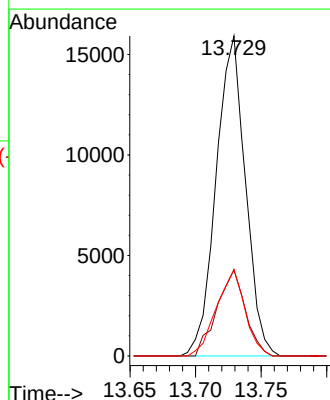
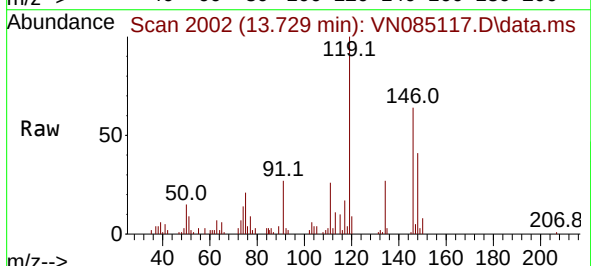
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

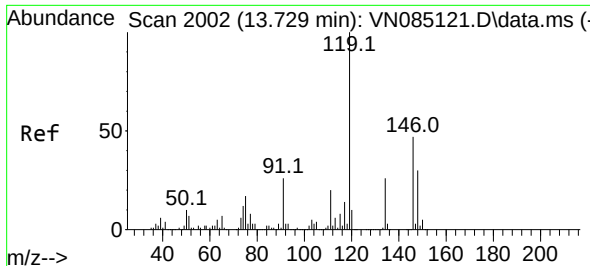
Tgt Ion:105 Resp: 32252
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 3.803 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Tgt Ion:119 Resp: 24743
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.6
 91 26.2 0.0 50.4

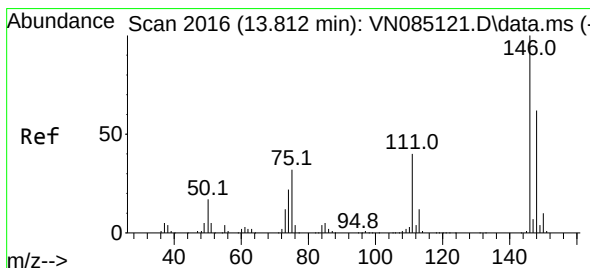
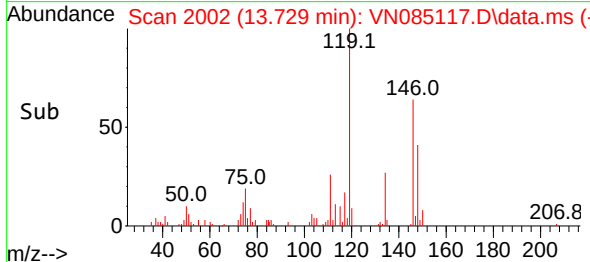
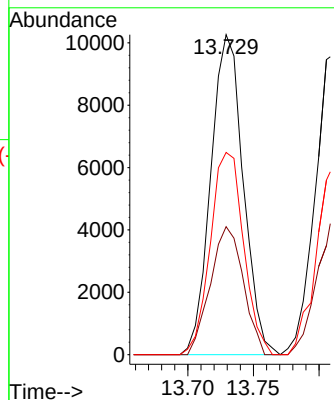
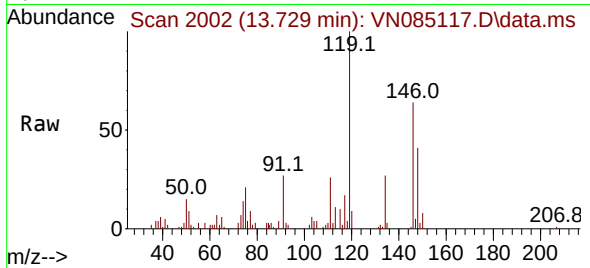




#83
 1,3-Dichlorobenzene
 Concen: 4.900 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

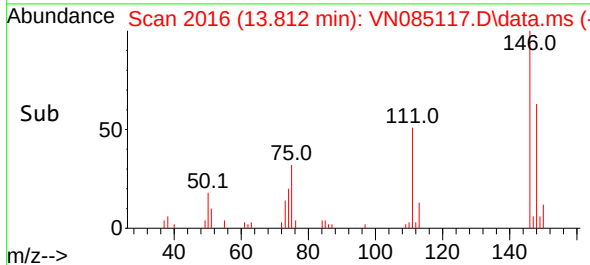
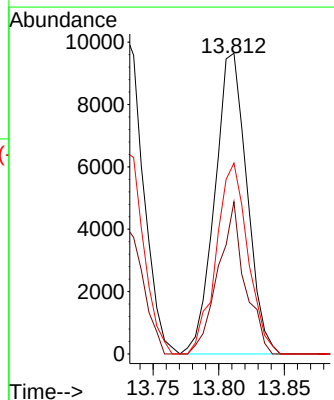
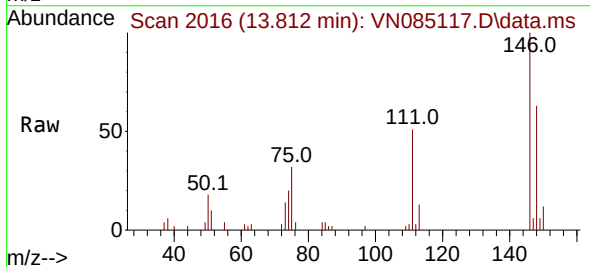
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

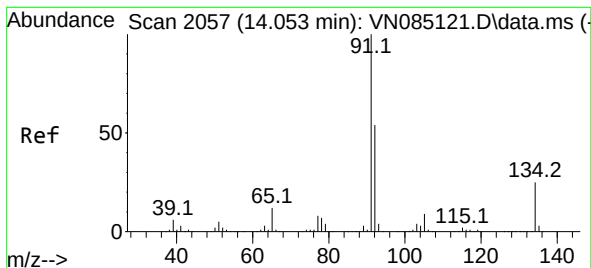
Tgt Ion:146 Resp: 17680
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.1 63.3
 148 64.8 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 4.680 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085117.D
 Acq: 06 Dec 2024 10:02

Tgt Ion:146 Resp: 16455
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.1 60.3
 148 62.6 31.6 94.7

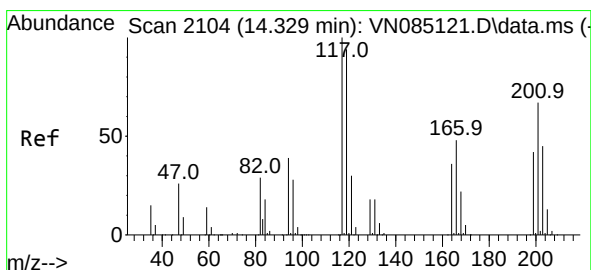
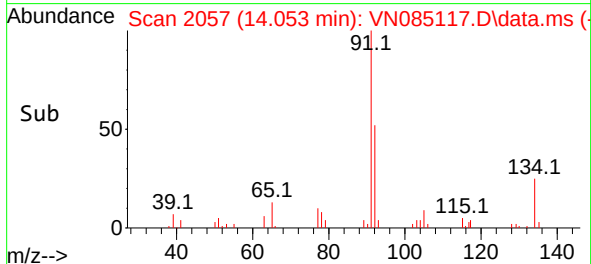
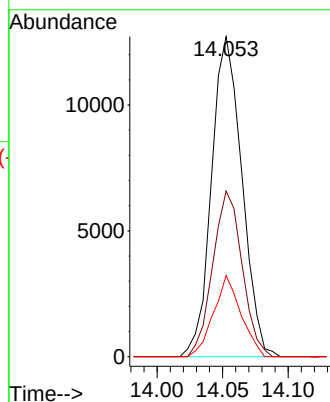
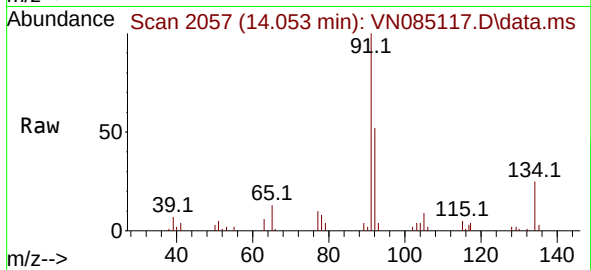




#85
n-Butylbenzene
Concen: 3.756 ug/l
RT: 14.053 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

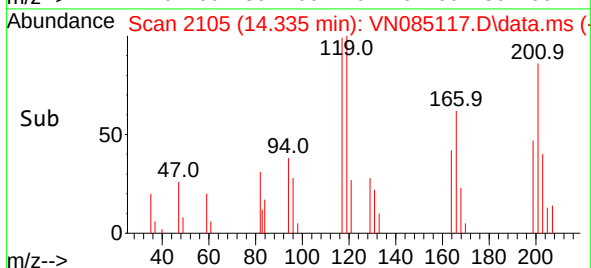
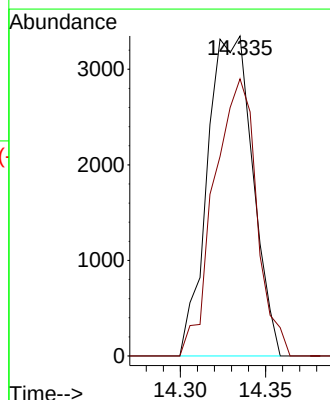
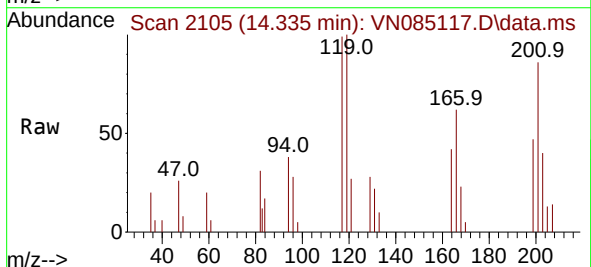
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

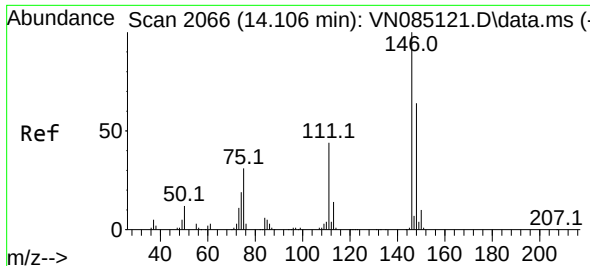
Tgt Ion:	91	Resp:	20500
Ion	Ratio	Lower	Upper
91	100		
92	50.0	0.0	104.0
134	22.8	0.0	49.2



#86
Hexachloroethane
Concen: 4.778 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085117.D
Acq: 06 Dec 2024 10:02

Tgt Ion:	117	Resp:	6189
Ion	Ratio	Lower	Upper
117	100		
201	81.3	34.1	102.3





#87

1,2-Dichlorobenzene

Concen: 4.950 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

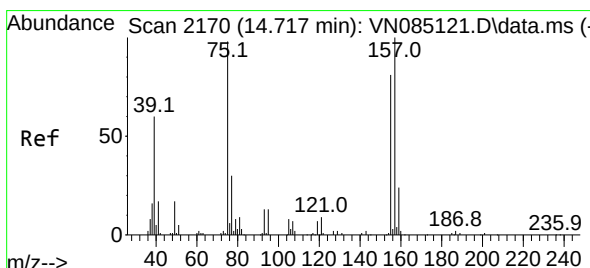
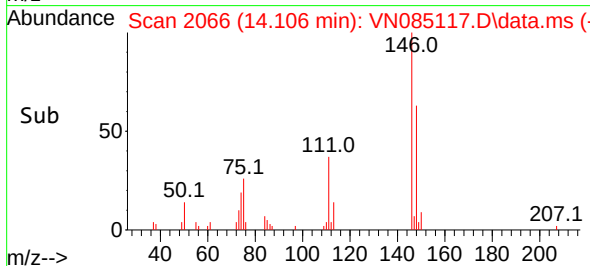
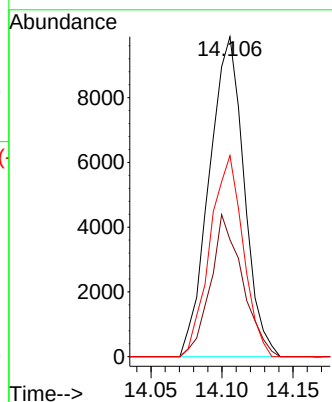
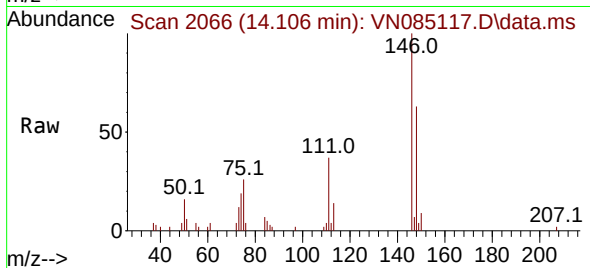
Tgt Ion:146 Resp: 16856

Ion Ratio Lower Upper

146 100

111 40.9 21.9 65.7

148 59.8 32.4 97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.495 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

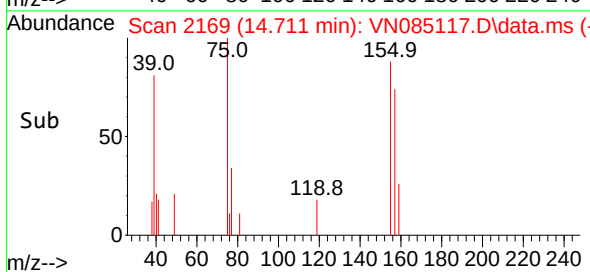
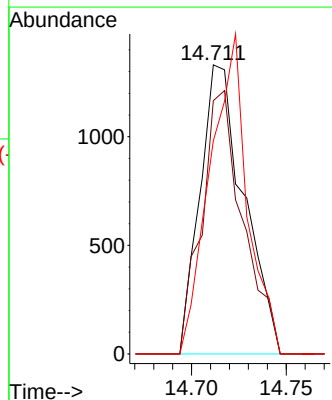
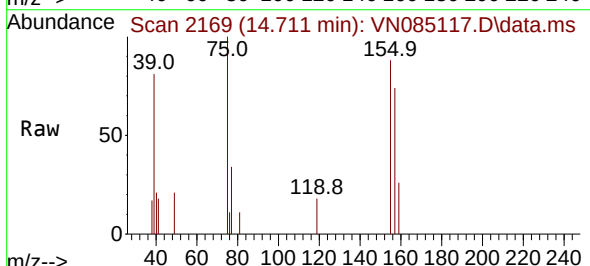
Tgt Ion: 75 Resp: 2146

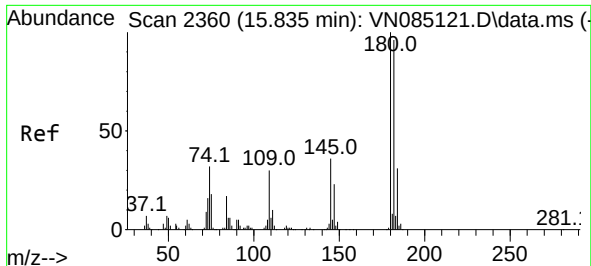
Ion Ratio Lower Upper

75 100

155 85.4 62.1 93.1

157 94.2 79.3 118.9





#89

1,2,4-Trichlorobenzene

Concen: 3.806 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

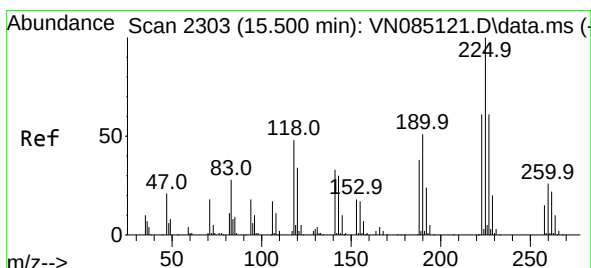
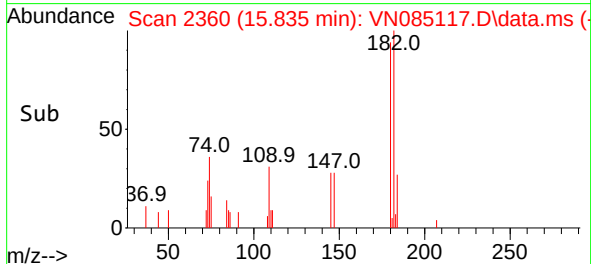
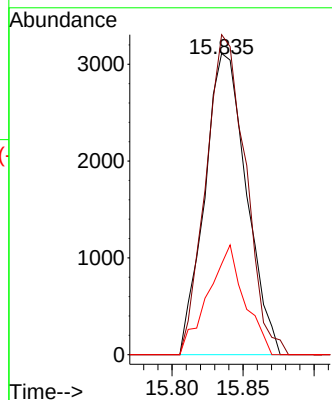
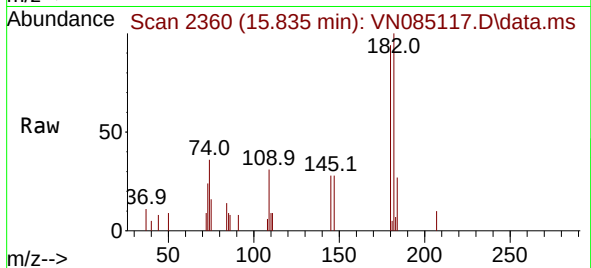
Tgt Ion:180 Resp: 6347

Ion Ratio Lower Upper

180 100

182 101.3 74.0 111.0

145 31.8 28.6 43.0



#90

Hexachlorobutadiene

Concen: 5.392 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

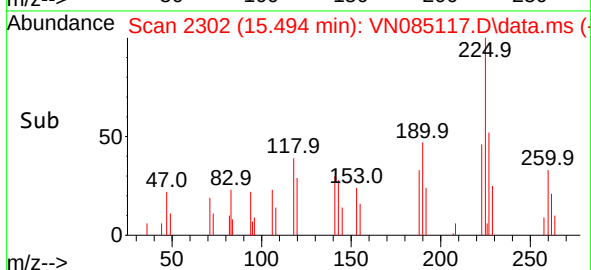
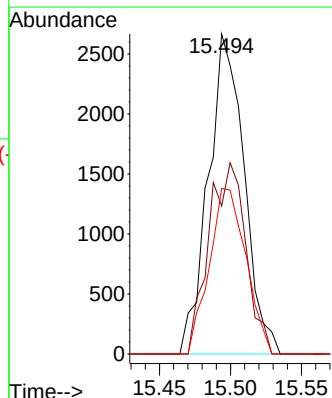
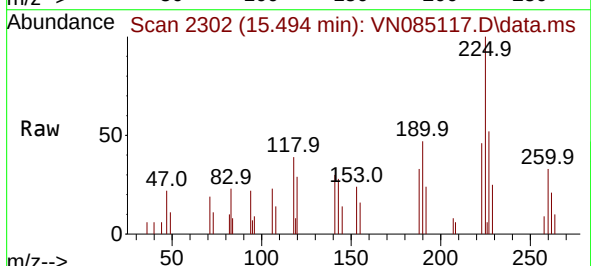
Tgt Ion:225 Resp: 4673

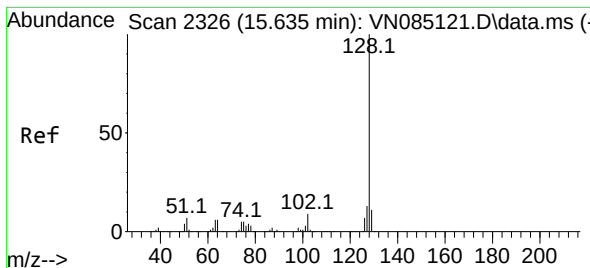
Ion Ratio Lower Upper

225 100

223 61.7 0.0 121.8

227 53.0 0.0 126.8





#91

Naphthalene

Concen: 3.083 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

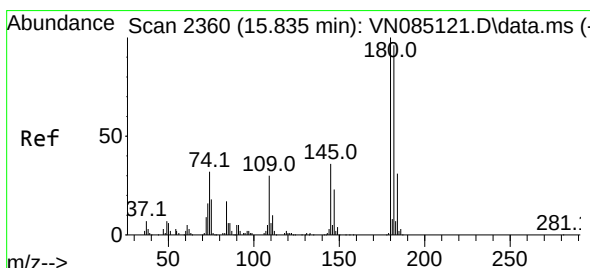
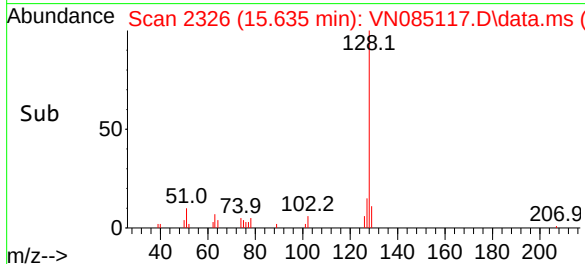
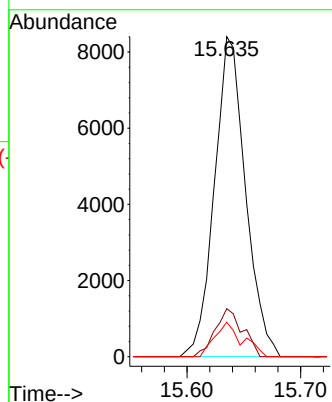
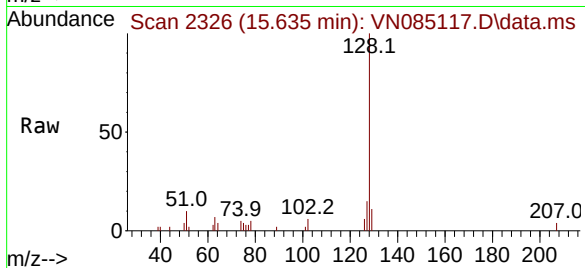
Tgt Ion:128 Resp: 15972

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 7.3 8.7 13.1#



#92

1,2,3-Trichlorobenzene

Concen: 3.806 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085117.D

Acq: 06 Dec 2024 10:02

Tgt Ion:180 Resp: 6347

Ion Ratio Lower Upper

180 100

182 101.3 0.0 185.0

145 31.8 0.0 71.6

