

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084582.D
 Acq On : 30 Oct 2024 21:46
 Operator : JC\MD
 Sample : VN1030WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Quant Time: Nov 01 04:55:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124867	49.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.500%
35) Dibromofluoromethane	8.165	113	98988	48.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	10.565	98	347175	46.026	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.847	95	132288	46.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.860%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	43792	21.700	ug/l	95
3) Chloromethane	2.359	50	56728	22.574	ug/l	95
4) Vinyl Chloride	2.512	62	52786	24.319	ug/l	98
5) Bromomethane	2.901	94	26750	23.260	ug/l	97
6) Chloroethane	3.083	64	36182	26.267	ug/l	99
7) Trichlorofluoromethane	3.477	101	77296	21.618	ug/l	96
8) Diethyl Ether	3.959	74	31124	24.676	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	41945	20.761	ug/l	97
10) Methyl Iodide	4.577	142	64914	24.041	ug/l	98
11) Tert butyl alcohol	5.530	59	35202	105.181	ug/l	99
12) 1,1-Dichloroethene	4.324	96	44668	22.344	ug/l	95
13) Acrolein	4.177	56	24902	74.617	ug/l	98
14) Allyl chloride	5.012	41	75310	23.229	ug/l	92
15) Acrylonitrile	5.712	53	115959	119.683	ug/l	98
16) Acetone	4.430	43	90311	121.844	ug/l	100
17) Carbon Disulfide	4.700	76	131075	21.291	ug/l	95
18) Methyl Acetate	5.018	43	61701	20.725	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	150976	24.639	ug/l	99
20) Methylene Chloride	5.265	84	54726	24.541	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	47569	23.173	ug/l	97
22) Diisopropyl ether	6.671	45	167914	26.065	ug/l	98
23) Vinyl Acetate	6.600	43	547313	123.199	ug/l	97
24) 1,1-Dichloroethane	6.565	63	95320	24.646	ug/l	98
25) 2-Butanone	7.477	43	142090	120.121	ug/l	98
26) 2,2-Dichloropropane	7.483	77	63434	18.844	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	57154	23.845	ug/l	96
28) Bromochloromethane	7.812	49	34536	22.413	ug/l	98
29) Tetrahydrofuran	7.836	42	94524	120.451	ug/l	98
30) Chloroform	7.965	83	98125	24.927	ug/l	100
31) Cyclohexane	8.253	56	68747	19.639	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	83852	23.403	ug/l	98
36) 1,1-Dichloropropene	8.371	75	60760	21.395	ug/l	98
37) Ethyl Acetate	7.559	43	63118	24.497	ug/l	99
38) Carbon Tetrachloride	8.359	117	70074	22.076	ug/l	96
39) Methylcyclohexane	9.600	83	55126	19.081	ug/l	99
40) Benzene	8.600	78	213095	23.365	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33524	24.195	ug/l	96
42) 1,2-Dichloroethane	8.671	62	72655	24.598	ug/l	99
43) Isopropyl Acetate	8.688	43	105697	21.658	ug/l	97
44) Trichloroethene	9.347	130	46656	22.182	ug/l	99
45) 1,2-Dichloropropane	9.618	63	51678	24.155	ug/l	100
46) Dibromomethane	9.706	93	36084	23.902	ug/l	98
47) Bromodichloromethane	9.883	83	76129	23.923	ug/l	91
48) Methyl methacrylate	9.683	41	47802	23.838	ug/l	97
49) 1,4-Dioxane	9.694	88	16847	474.093	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	304508	123.971	ug/l	100
52) Toluene	10.630	92	127170	23.842	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	72490	22.007	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	78731	22.583	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	49371	24.572	ug/l	94
56) Ethyl methacrylate	10.871	69	73027	25.127	ug/l	98
57) 1,3-Dichloropropane	11.159	76	83692	24.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139589	102.644	ug/l	97
59) 2-Hexanone	11.194	43	217160	121.462	ug/l	100
60) Dibromochloromethane	11.359	129	57827	25.253	ug/l	97
61) 1,2-Dibromoethane	11.471	107	49351	23.986	ug/l	98
64) Tetrachloroethene	11.100	164	38885	21.690	ug/l	98
65) Chlorobenzene	11.888	112	128484	21.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48667	23.204	ug/l	99
67) Ethyl Benzene	11.965	91	217205	21.581	ug/l	99
68) m/p-Xylenes	12.071	106	166809	43.777	ug/l	99
69) o-Xylene	12.394	106	81403	22.837	ug/l	100
70) Styrene	12.406	104	142847	22.973	ug/l	99
71) Bromoform	12.576	173	36923	23.396	ug/l #	98
73) Isopropylbenzene	12.694	105	193097	20.655	ug/l	98
74) N-amyl acetate	12.494	43	88581	22.262	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67242	21.549	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	85110	31.916	ug/l	63
77) Bromobenzene	12.976	156	52997	21.087	ug/l	97
78) n-propylbenzene	13.035	91	223094	20.364	ug/l	98
79) 2-Chlorotoluene	13.123	91	152448	21.297	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	170967	22.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21477	19.107	ug/l	99
82) 4-Chlorotoluene	13.218	91	154461	20.504	ug/l	99
83) tert-Butylbenzene	13.435	119	140137	21.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	176820	22.111	ug/l	99
85) sec-Butylbenzene	13.618	105	181580	20.046	ug/l	100
86) p-Isopropyltoluene	13.729	119	152470	20.524	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	95563	19.484	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	95385	20.522	ug/l	98
89) n-Butylbenzene	14.053	91	123487	17.770	ug/l	99
90) Hexachloroethane	14.335	117	31135	18.793	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	97384	20.662	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13348	21.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	45330	17.572	ug/l	100
94) Hexachlorobutadiene	15.500	225	17838	15.746	ug/l	97
95) Naphthalene	15.641	128	147448	19.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	45436	18.144	ug/l	98

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Response via : Initial Calibration

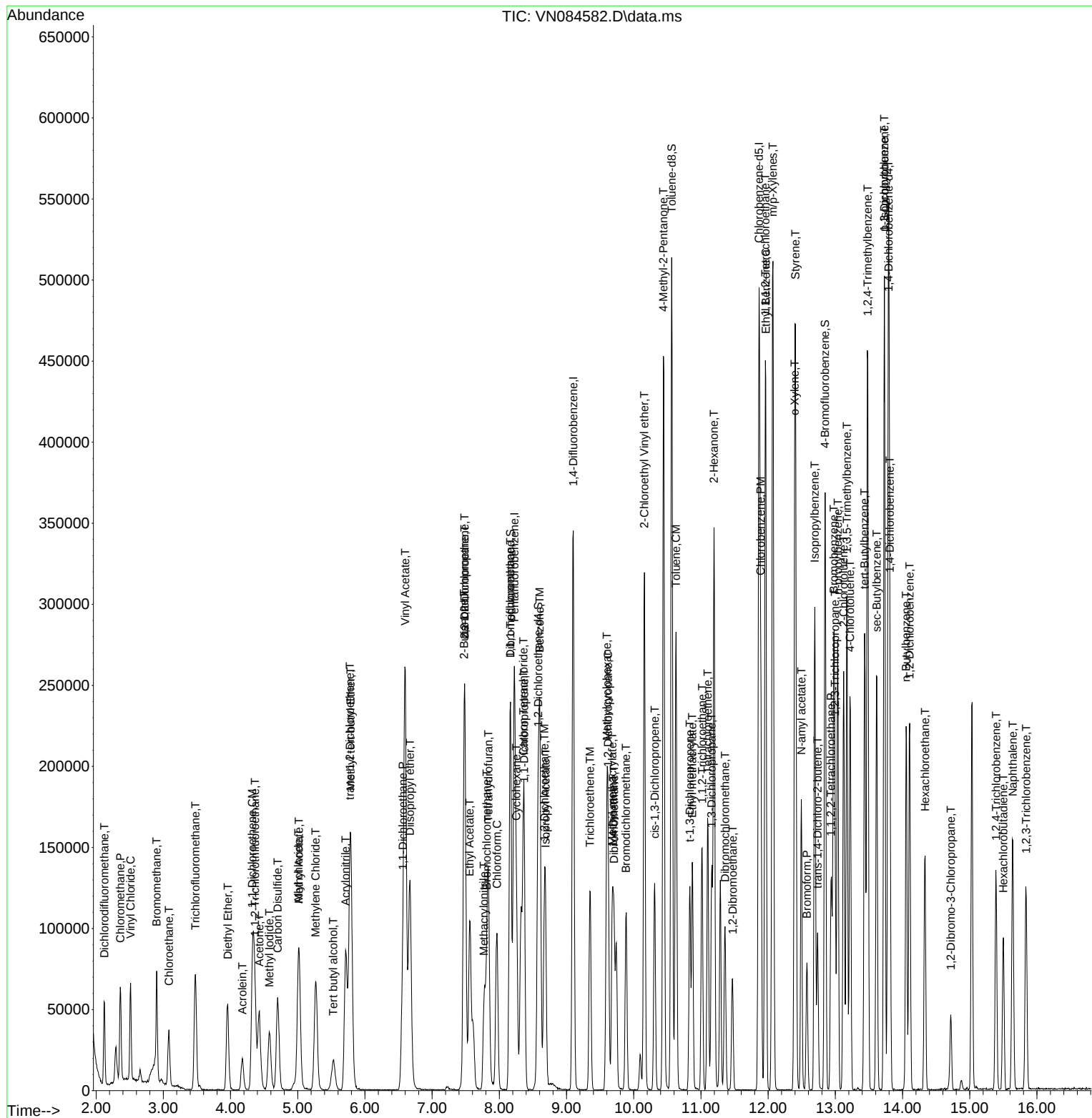
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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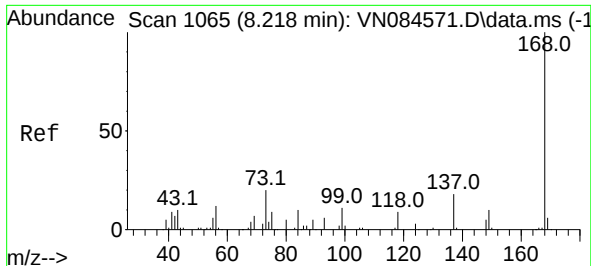
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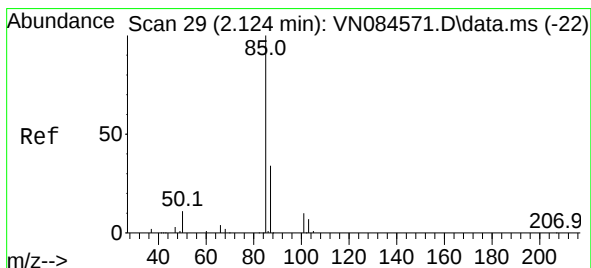
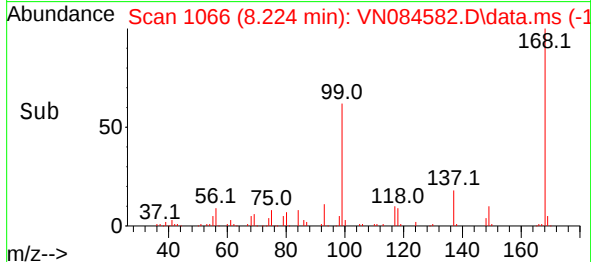
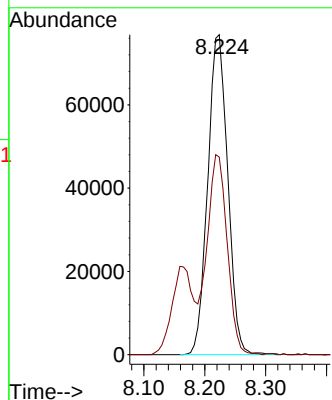
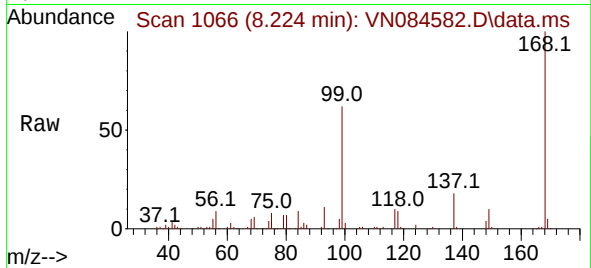




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
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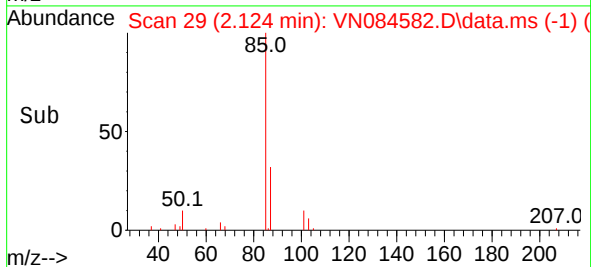
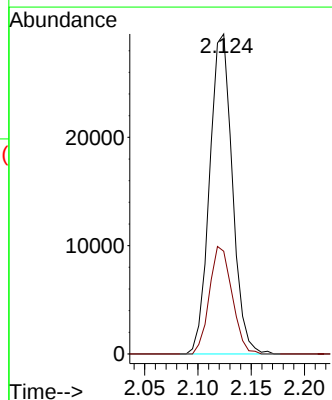
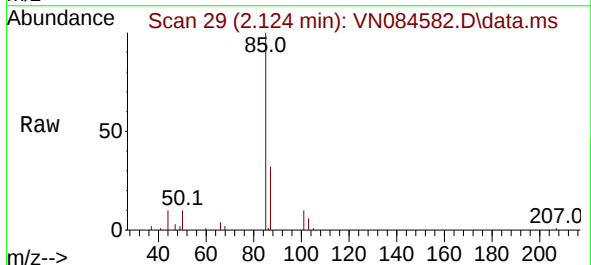
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

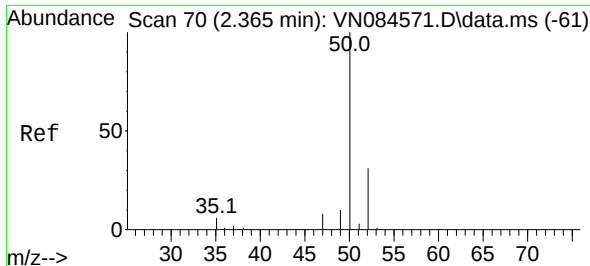
Tgt Ion:168 Resp: 175548
Ion Ratio Lower Upper
168 100
99 61.8 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 21.700 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 85 Resp: 43792
Ion Ratio Lower Upper
85 100
87 32.1 17.6 52.9





#3

Chloromethane

Concen: 22.574 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

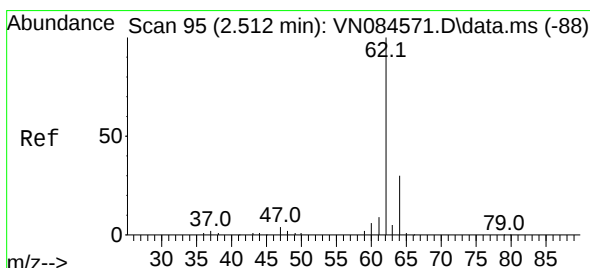
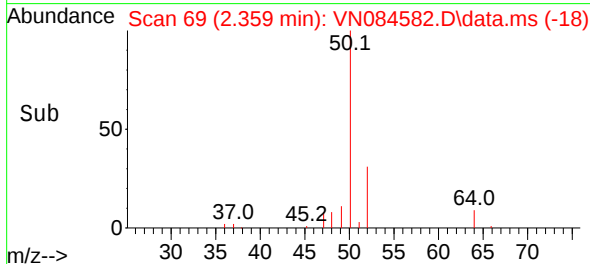
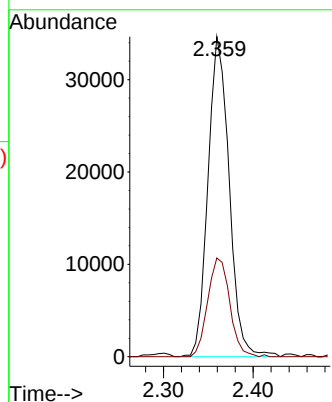
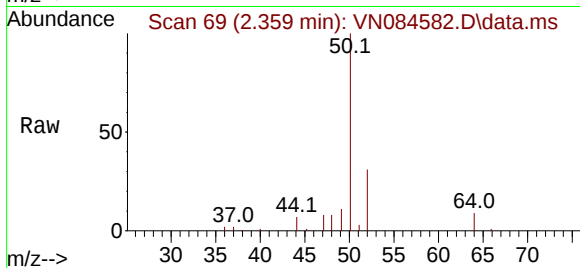
VN1030WBS01

Tgt Ion: 50 Resp: 56728

Ion Ratio Lower Upper

50 100

52 30.9 26.8 40.2



#4

Vinyl Chloride

Concen: 24.319 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084582.D

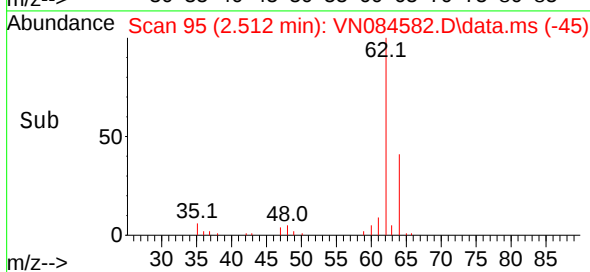
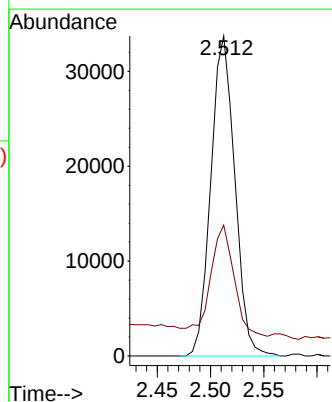
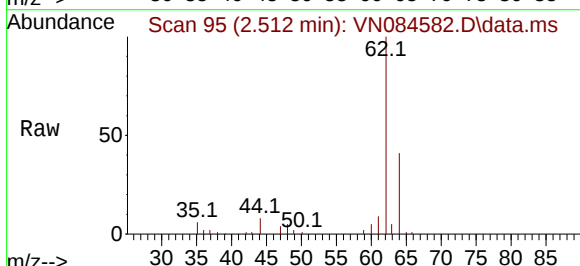
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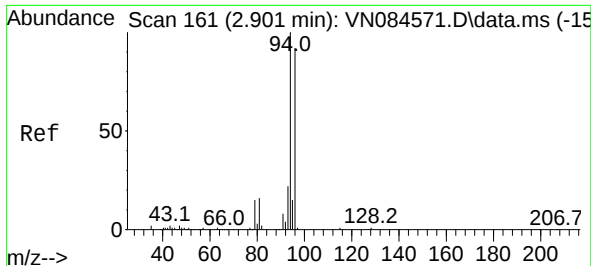
Tgt Ion: 62 Resp: 52786

Ion Ratio Lower Upper

62 100

64 34.0 26.2 39.4

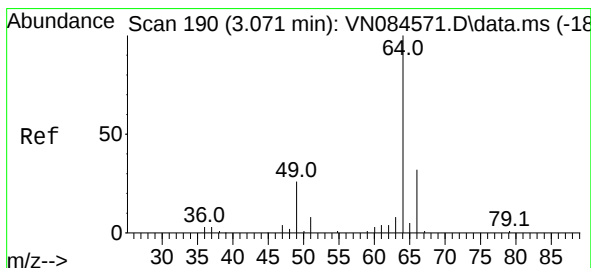
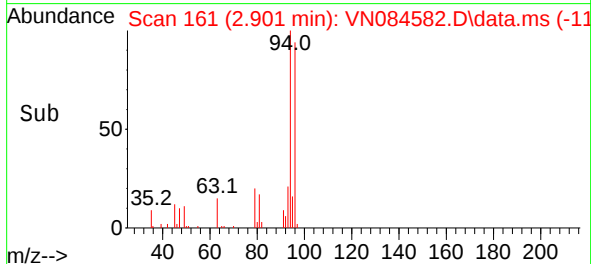
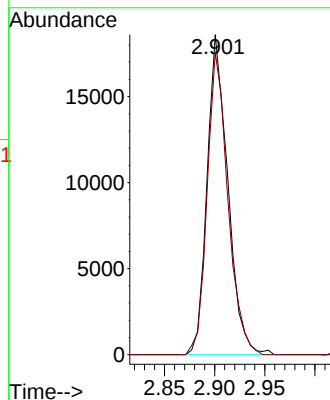
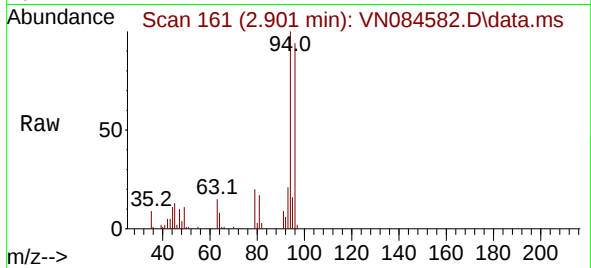




#5
Bromomethane
Concen: 23.260 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
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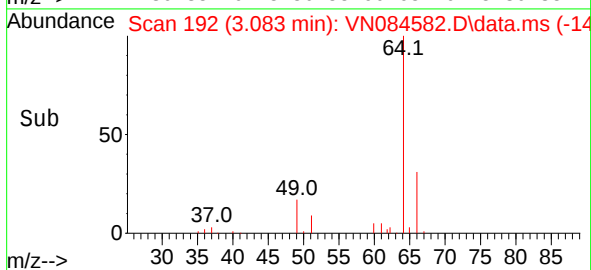
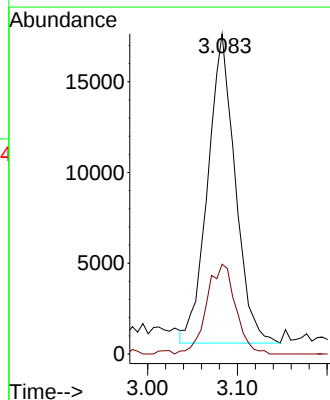
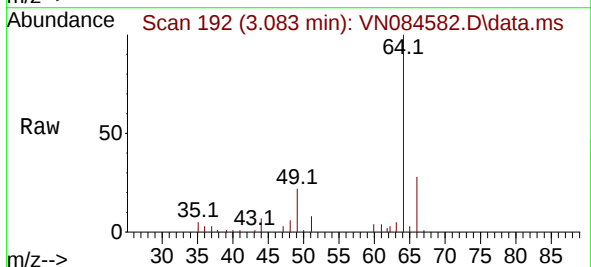
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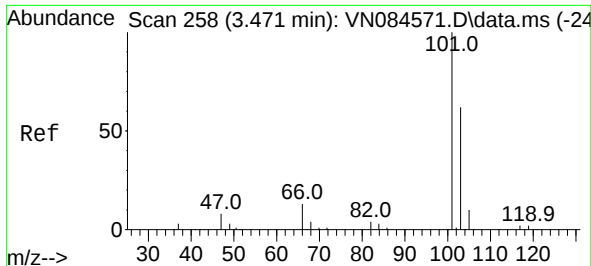
Tgt Ion: 94 Resp: 26750
Ion Ratio Lower Upper
94 100
96 94.3 72.9 109.3



#6
Chloroethane
Concen: 26.267 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.035 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 64 Resp: 36182
Ion Ratio Lower Upper
64 100
66 29.1 23.5 35.3

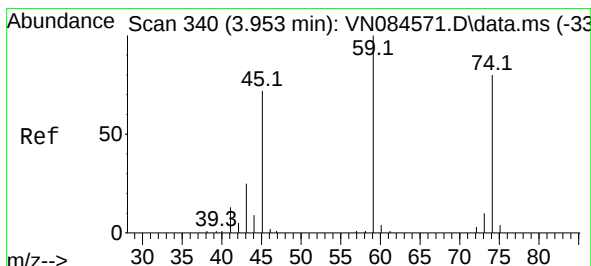
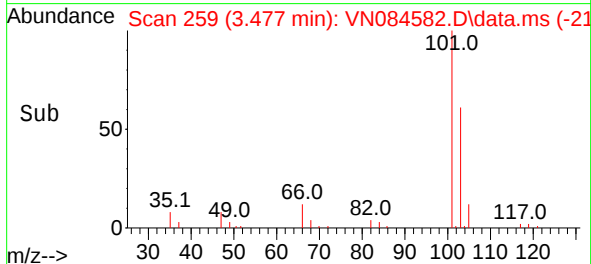
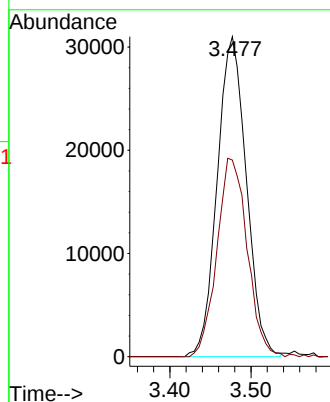
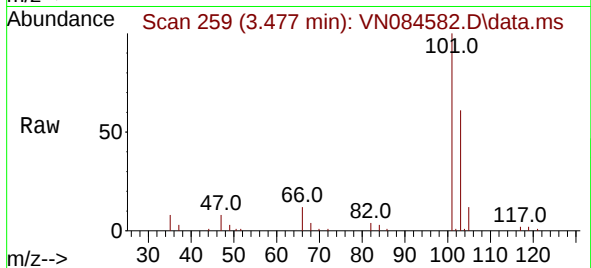




#7
 Trichlorofluoromethane
 Concen: 21.618 ug/l
 RT: 3.477 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VN084582.D
 Acq: 30 Oct 2024 21:46

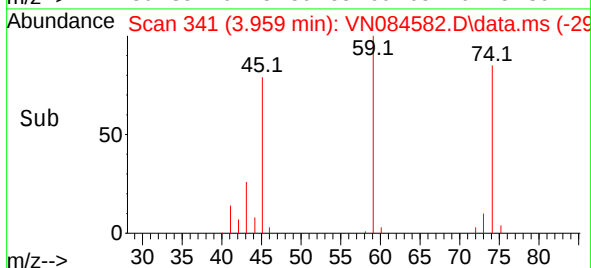
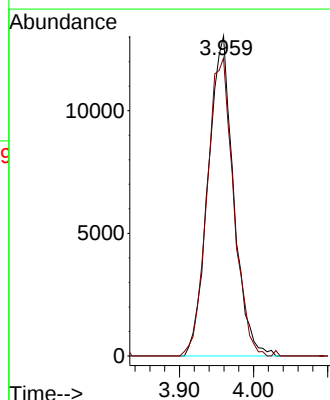
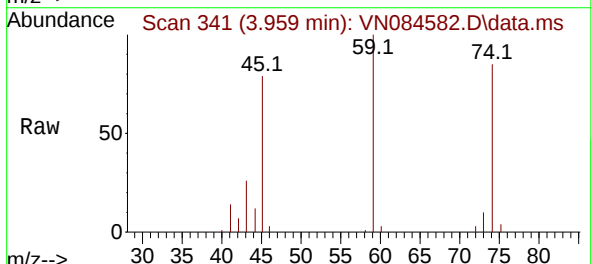
Instrument :
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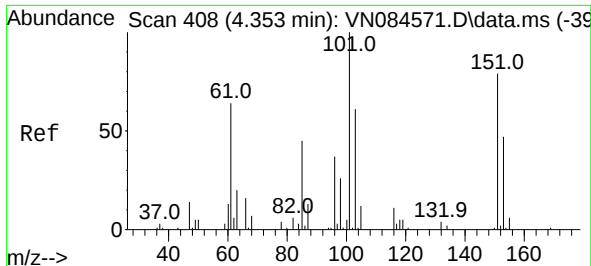
Tgt Ion:101 Resp: 77296
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.8 77.6



#8
 Diethyl Ether
 Concen: 24.676 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 31124
 Ion Ratio Lower Upper
 74 100
 45 96.9 47.7 143.1

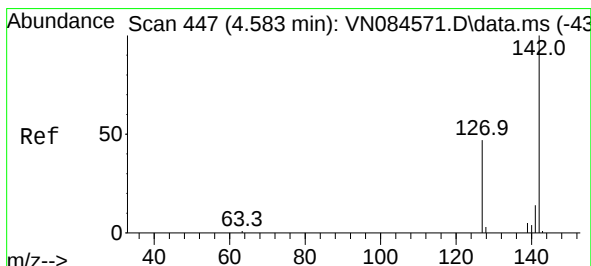
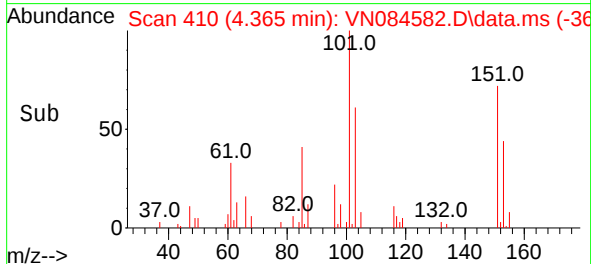
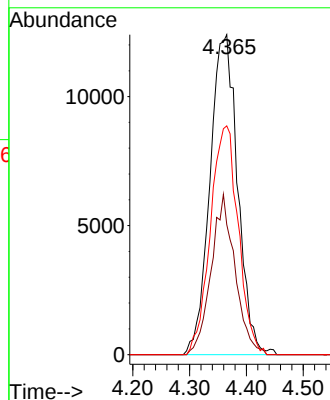
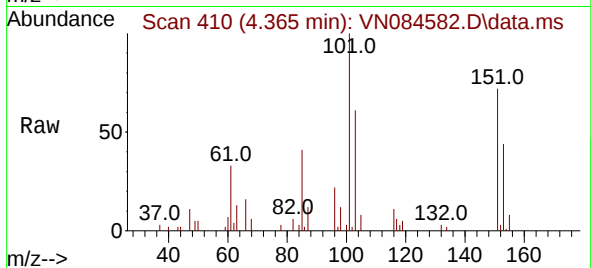




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.761 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

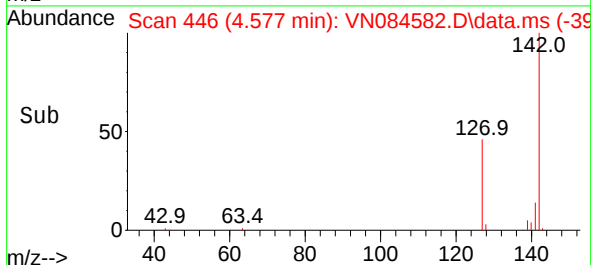
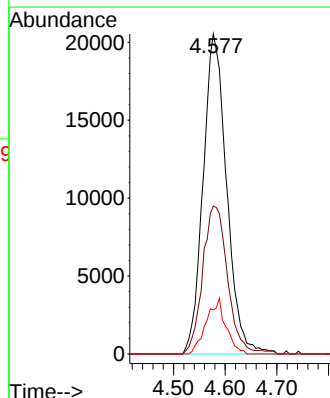
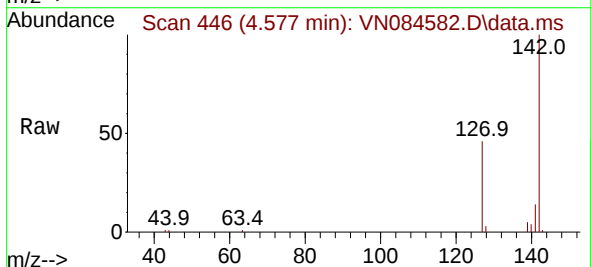
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

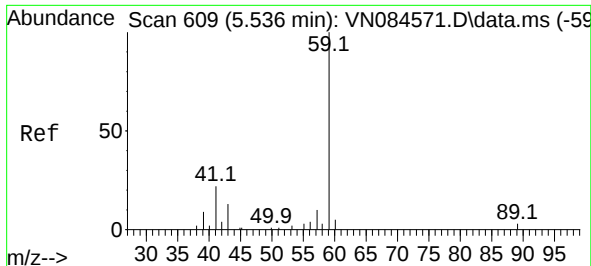
Tgt Ion:101 Resp: 41945
Ion Ratio Lower Upper
101 100
85 43.2 36.2 54.4
151 72.0 59.3 88.9



#10
Methyl Iodide
Concen: 24.041 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:142 Resp: 64914
Ion Ratio Lower Upper
142 100
127 46.2 35.3 52.9
141 13.7 11.0 16.6

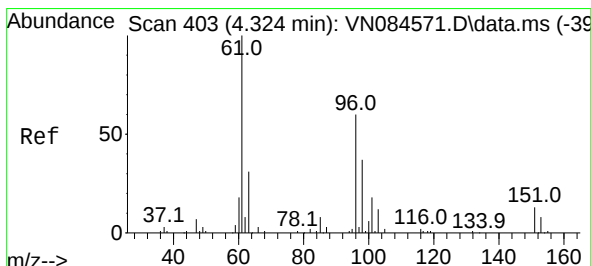
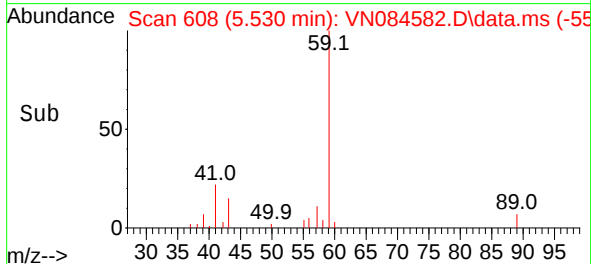
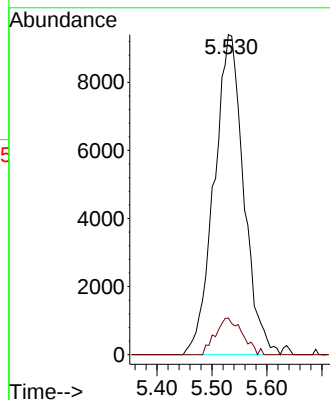
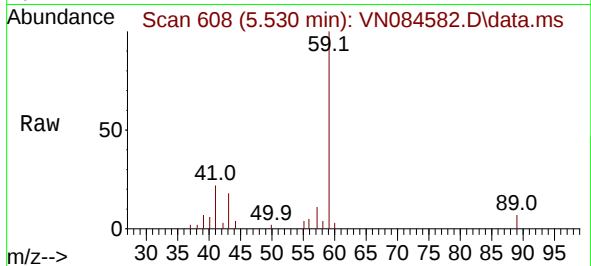




#11
Tert butyl alcohol
Concen: 105.181 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

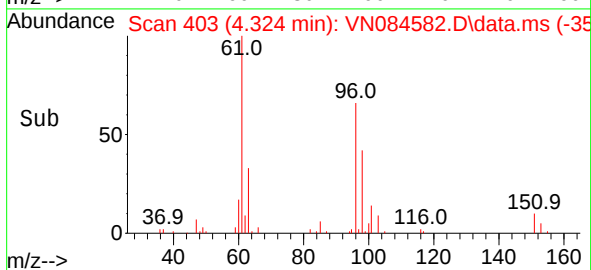
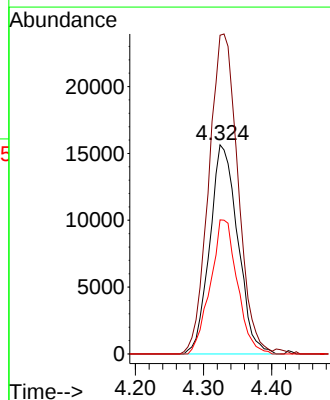
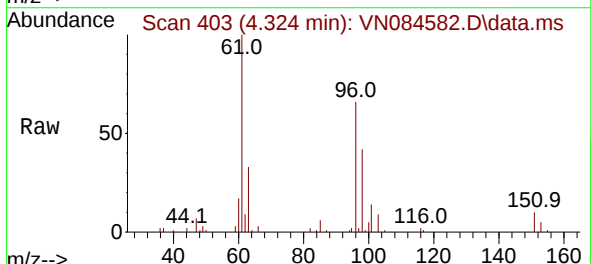
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

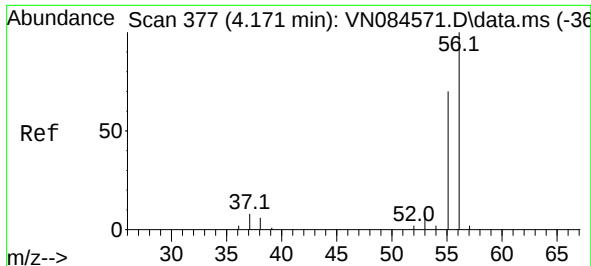
Tgt Ion: 59 Resp: 35202
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 22.344 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 96 Resp: 44668
Ion Ratio Lower Upper
96 100
61 152.4 128.6 192.8
98 64.1 51.7 77.5





#13

Acrolein

Concen: 74.617 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

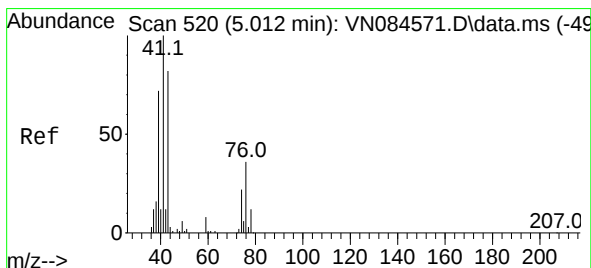
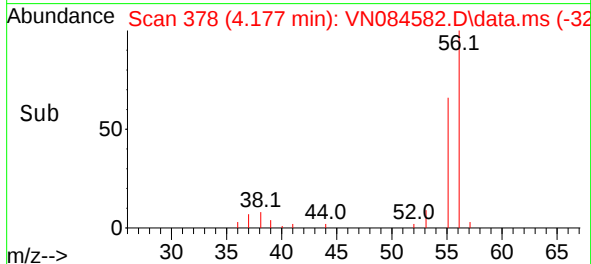
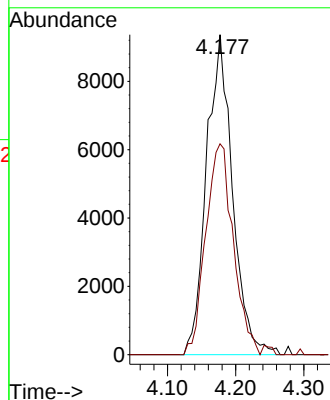
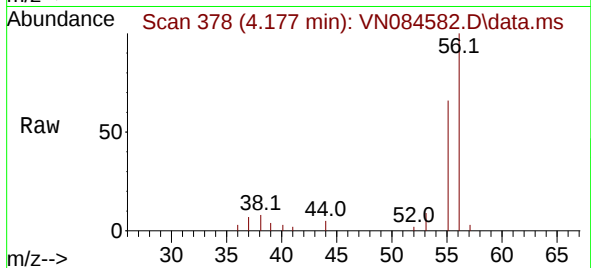
VN1030WBS01

Tgt Ion: 56 Resp: 24902

Ion Ratio Lower Upper

56 100

55 69.7 57.2 85.8



#14

Allyl chloride

Concen: 23.229 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

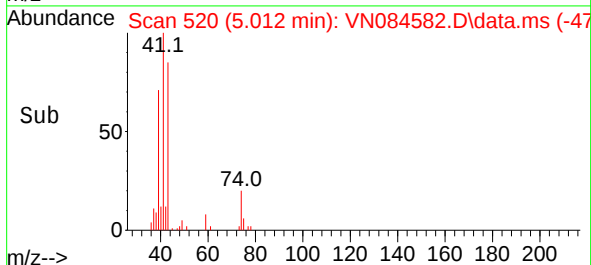
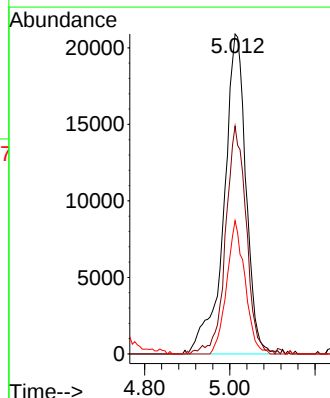
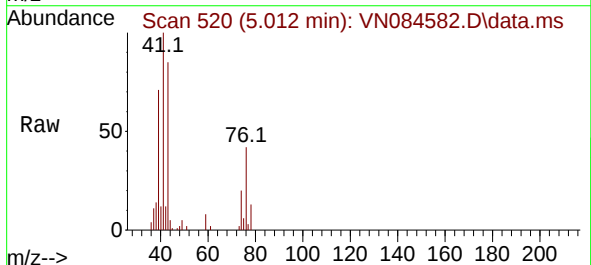
Tgt Ion: 41 Resp: 75310

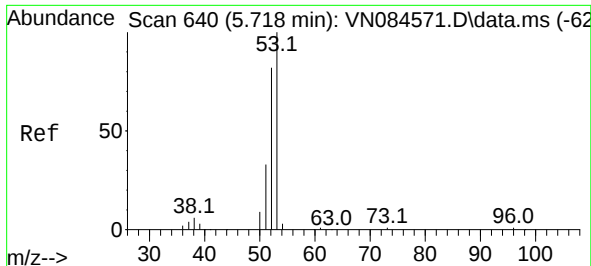
Ion Ratio Lower Upper

41 100

39 66.3 59.0 88.6

76 34.4 29.8 44.6

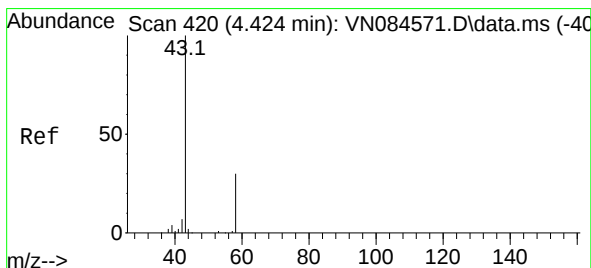
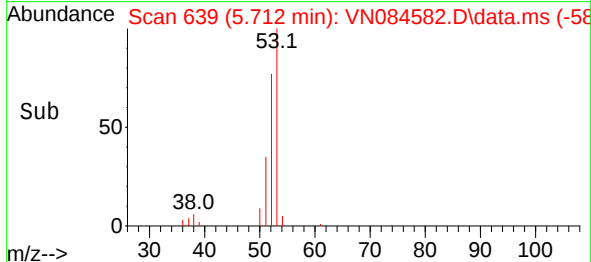
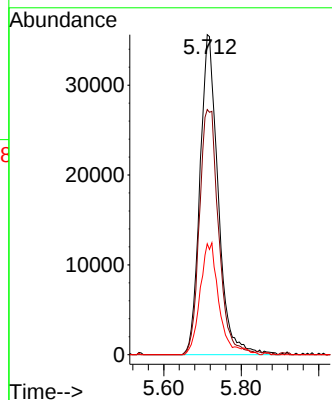
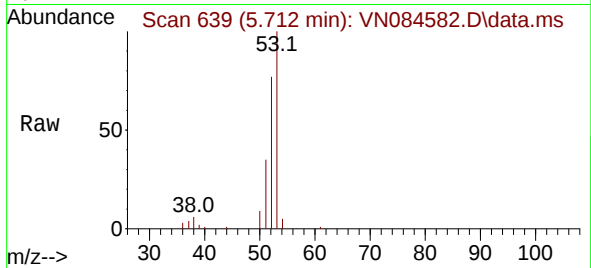




#15
Acrylonitrile
Concen: 119.683 ug/l
RT: 5.712 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

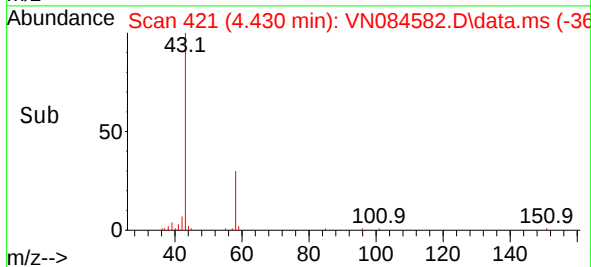
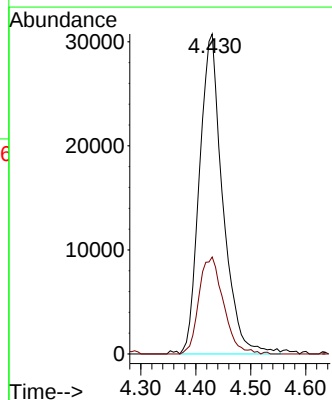
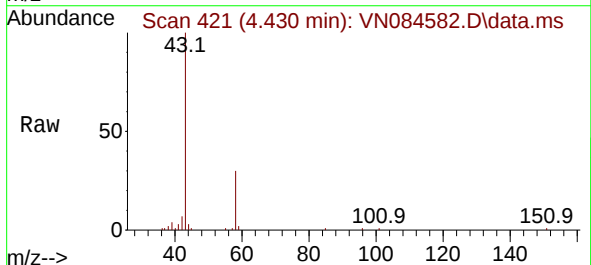
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

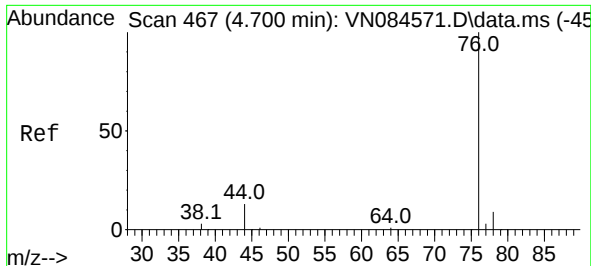
Tgt Ion: 53 Resp: 115959
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 36.5 28.8 43.2



#16
Acetone
Concen: 121.844 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 43 Resp: 90311
Ion Ratio Lower Upper
43 100
58 30.3 24.4 36.6

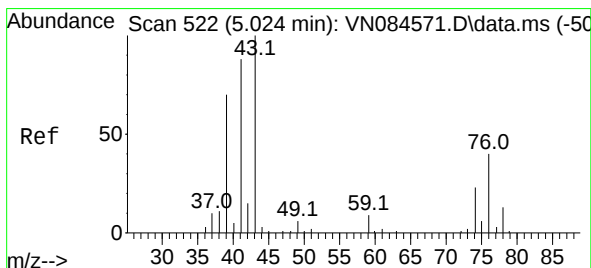
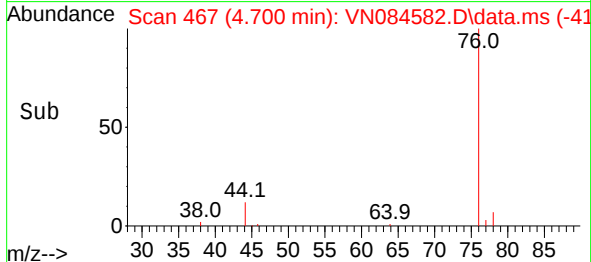
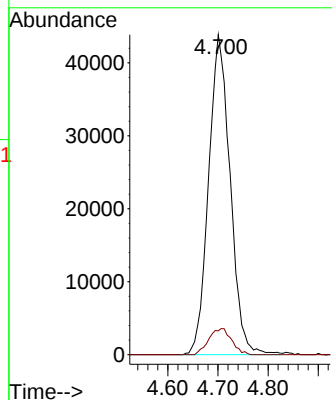
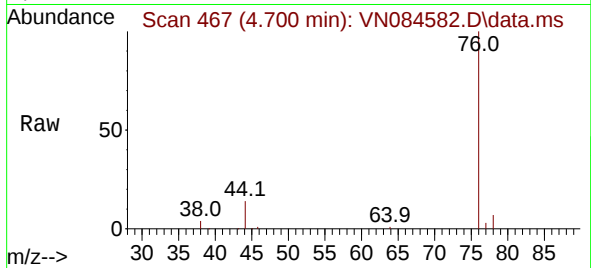




#17
Carbon Disulfide
Concen: 21.291 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.011 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

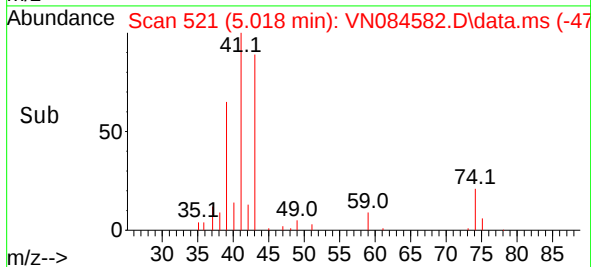
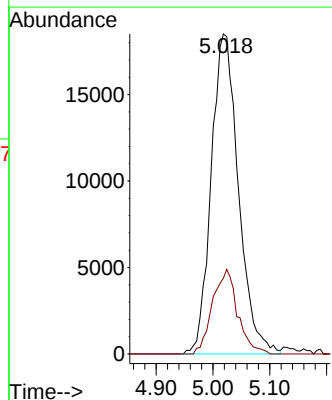
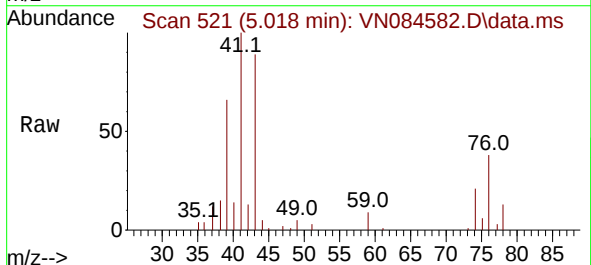
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

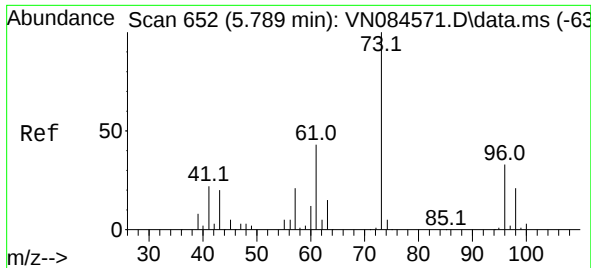
Tgt Ion: 76 Resp: 131075
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9



#18
Methyl Acetate
Concen: 20.725 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 43 Resp: 61701
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 24.639 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

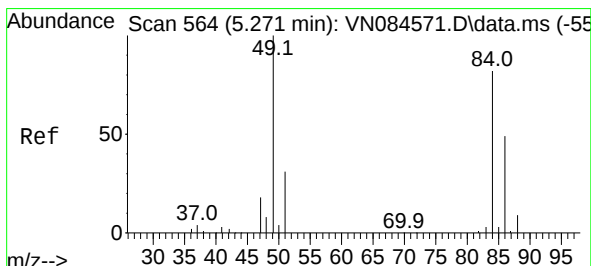
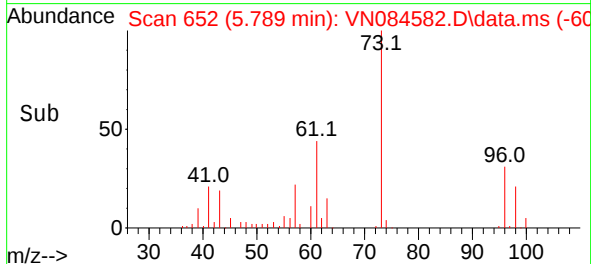
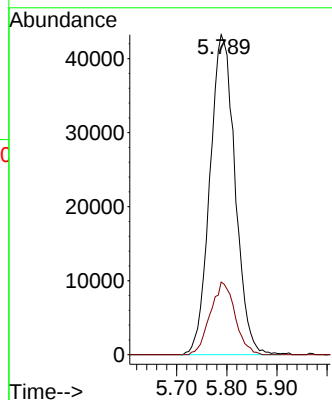
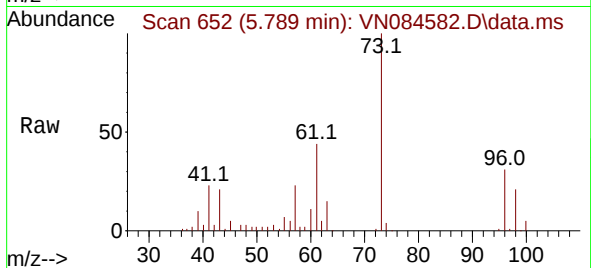
VN1030WBS01

Tgt Ion: 73 Resp: 150976

Ion Ratio Lower Upper

73 100

57 22.7 17.7 26.5



#20

Methylene Chloride

Concen: 24.541 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Tgt Ion: 84 Resp: 54726

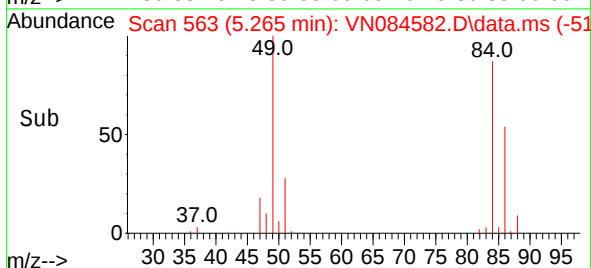
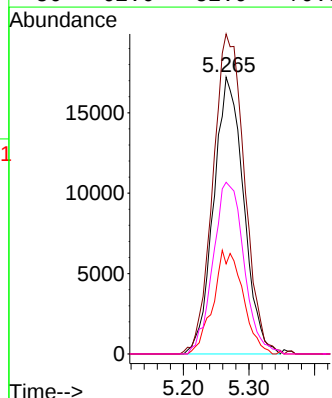
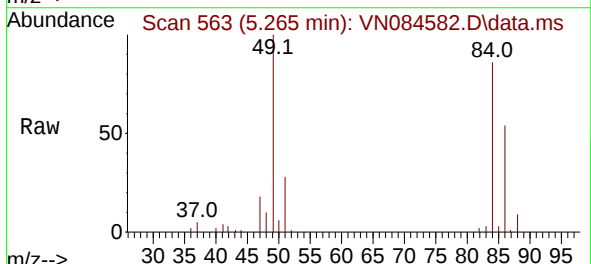
Ion Ratio Lower Upper

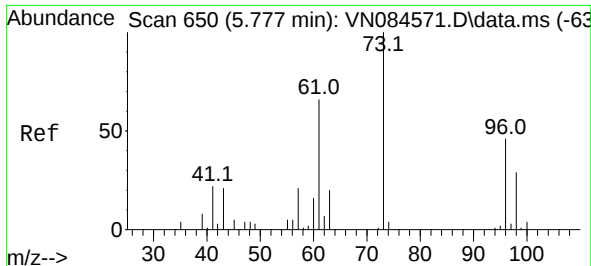
84 100

49 115.6 107.2 160.8

51 32.6 31.8 47.8

86 62.0 52.9 79.3

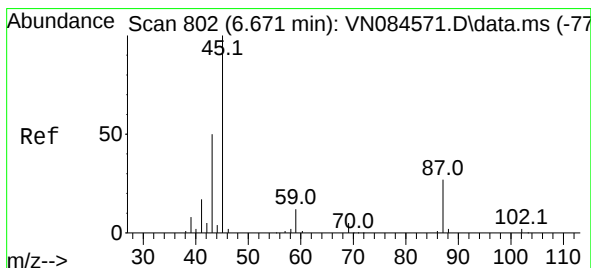
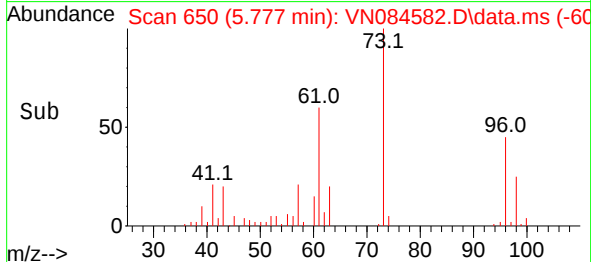
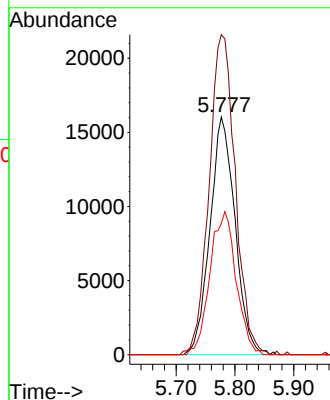
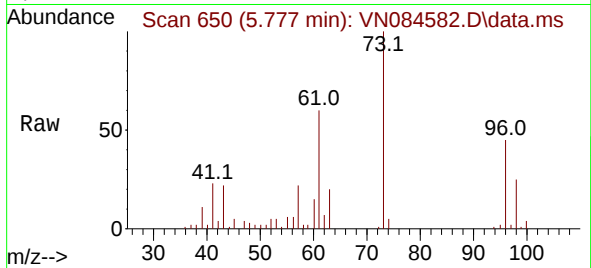




#21
trans-1,2-Dichloroethene
Concen: 23.173 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

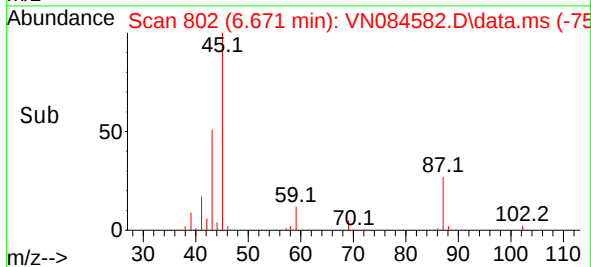
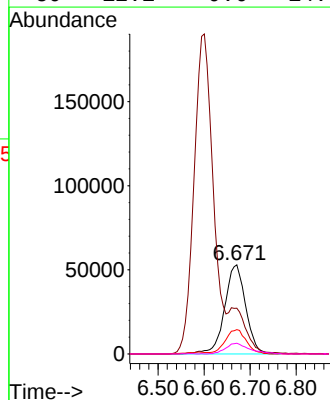
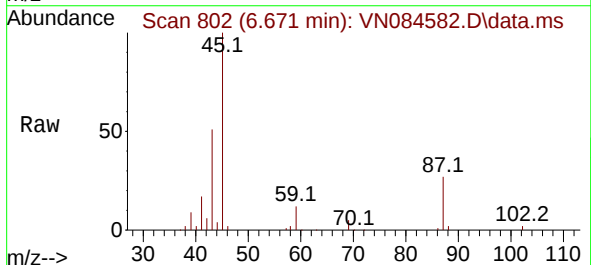
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

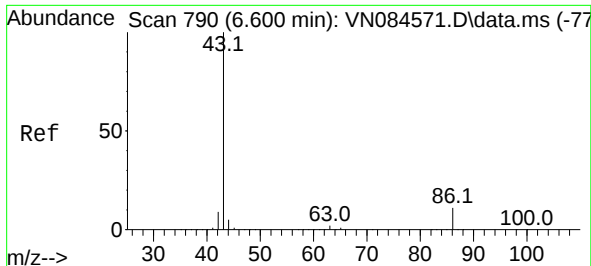
Tgt Ion: 96 Resp: 47569
Ion Ratio Lower Upper
96 100
61 134.7 108.4 162.6
98 55.3 49.8 74.8



#22
Diisopropyl ether
Concen: 26.065 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 45 Resp: 167914
Ion Ratio Lower Upper
45 100
43 50.3 42.3 63.5
87 27.0 21.8 32.6
59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 123.199 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

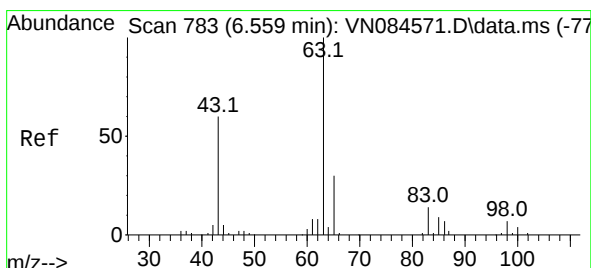
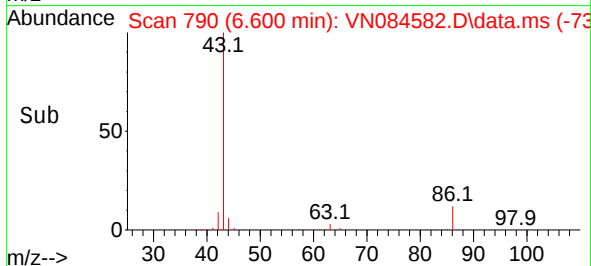
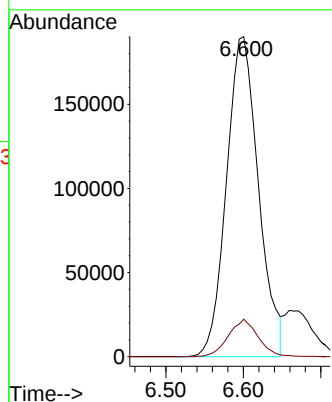
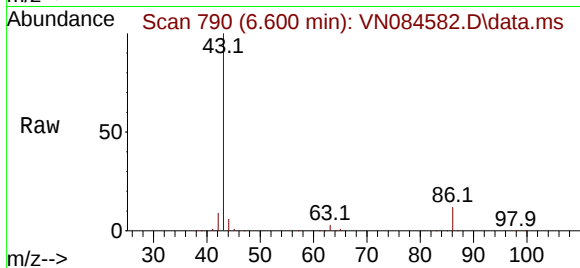
VN1030WBS01

Tgt Ion: 43 Resp: 547313

Ion Ratio Lower Upper

43 100

86 11.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 24.646 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

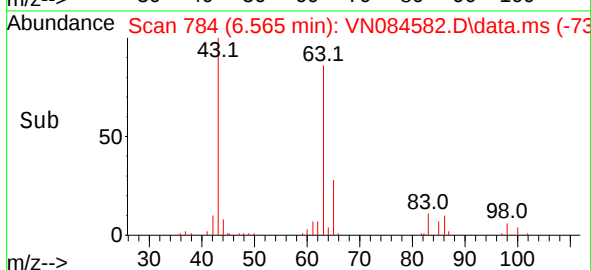
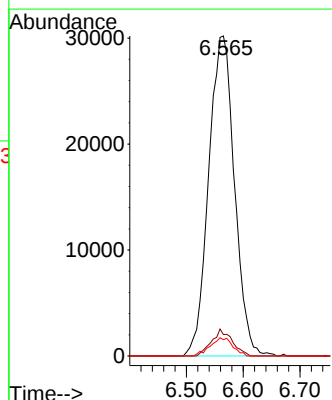
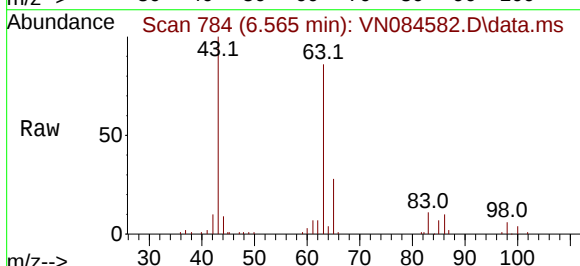
Tgt Ion: 63 Resp: 95320

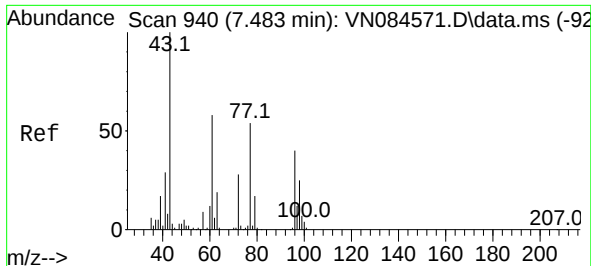
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 5.1 2.0 5.8

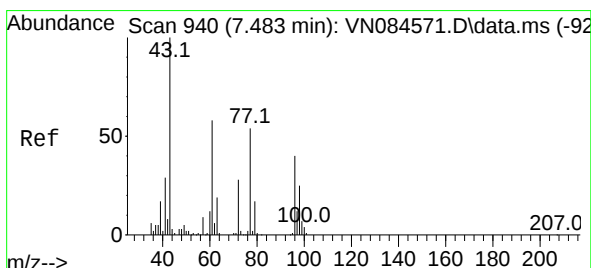
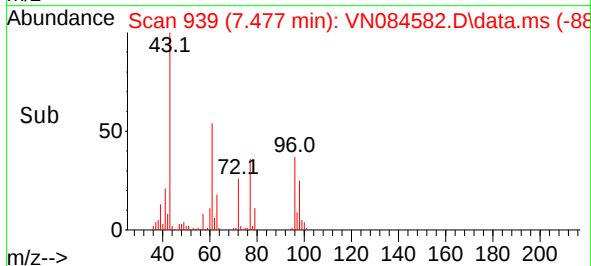
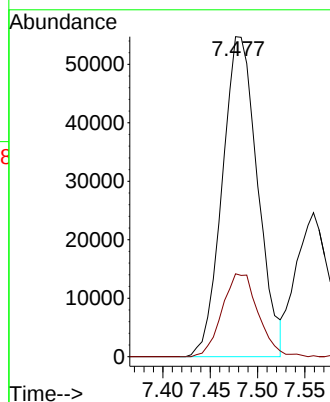
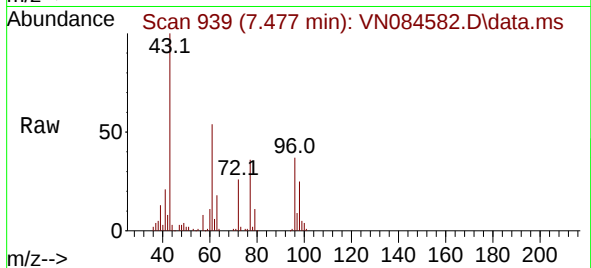




#25
2-Butanone
Concen: 120.121 ug/l
RT: 7.477 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

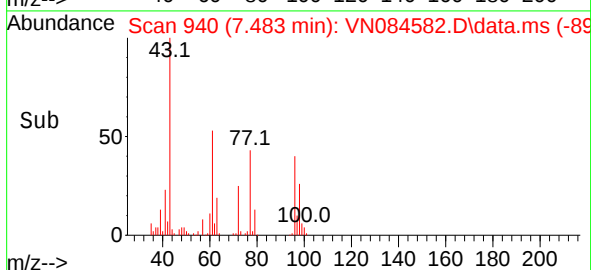
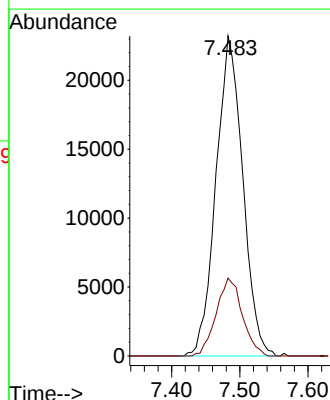
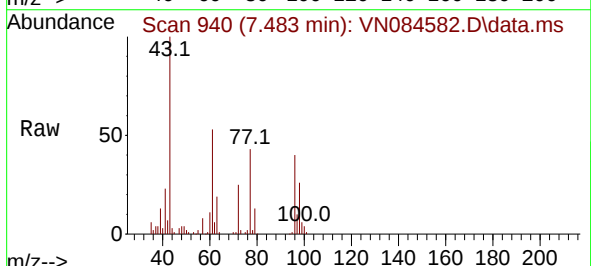
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

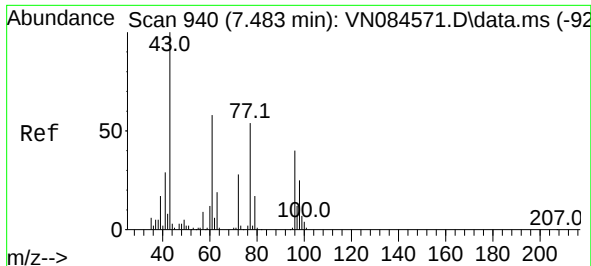
Tgt Ion: 43 Resp: 142090
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 18.844 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 77 Resp: 63434
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3

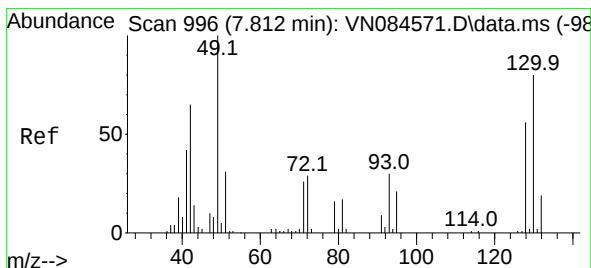
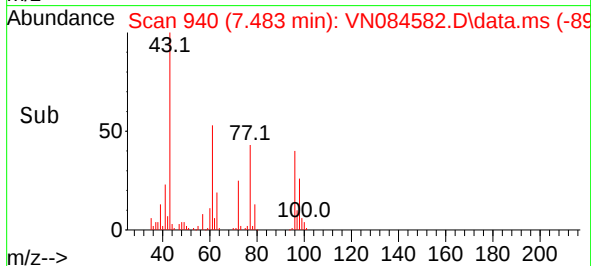
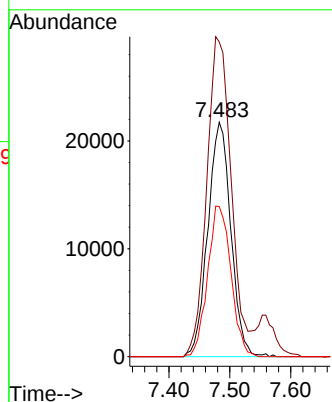
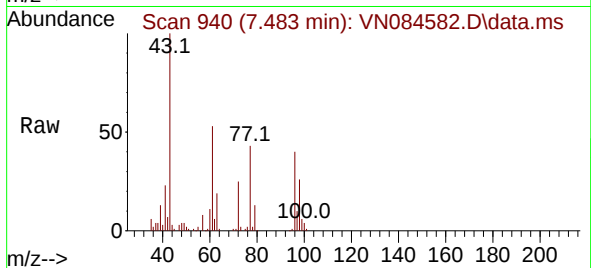




#27
 cis-1,2-Dichloroethene
 Concen: 23.845 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084582.D
 Acq: 30 Oct 2024 21:46

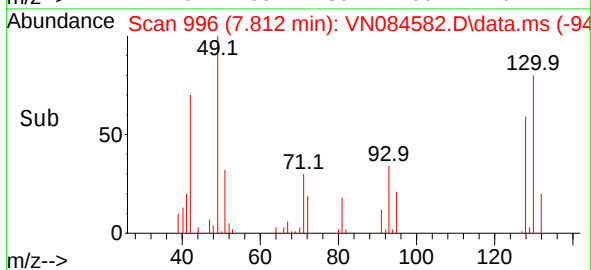
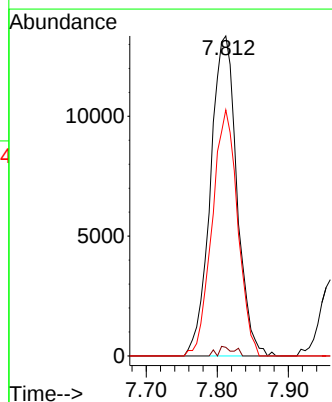
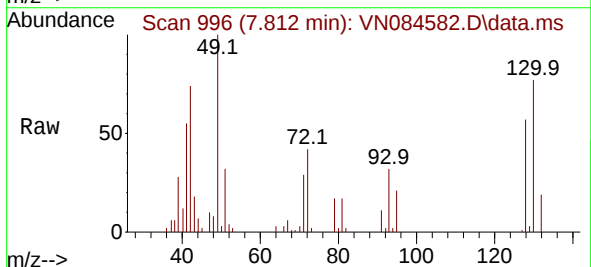
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

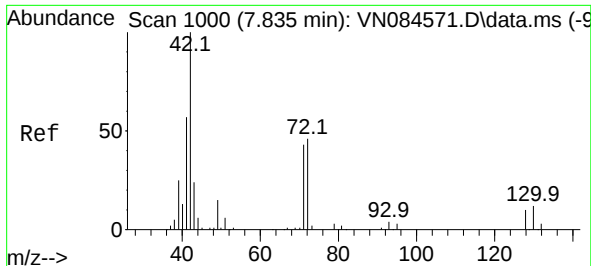
Tgt Ion: 96 Resp: 57154
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 301.8
 98 64.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 22.413 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084582.D
 Acq: 30 Oct 2024 21:46

Tgt Ion: 49 Resp: 34536
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 74.1 58.0 87.0

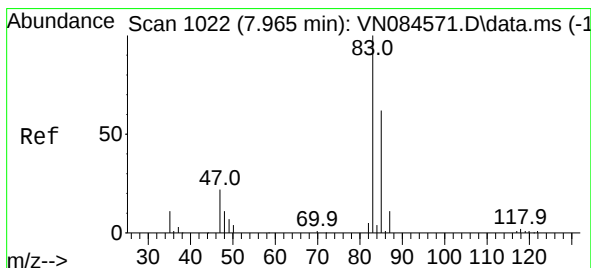
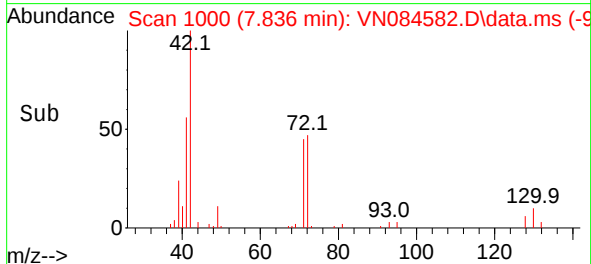
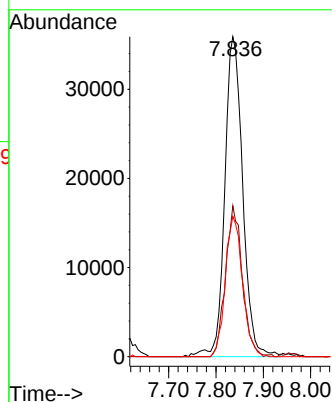
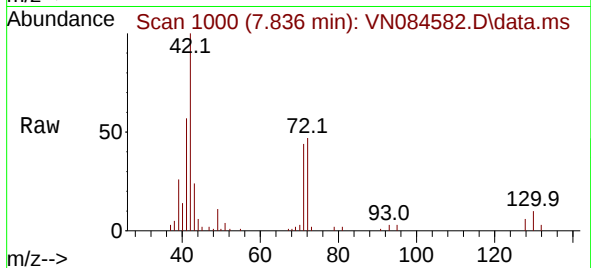




#29
Tetrahydrofuran
Concen: 120.451 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

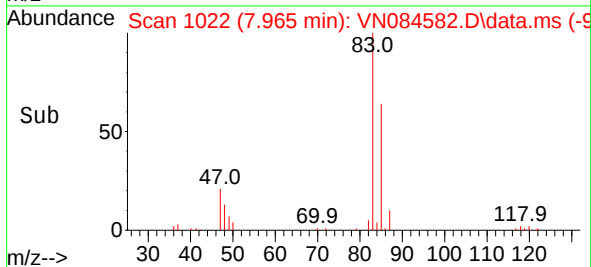
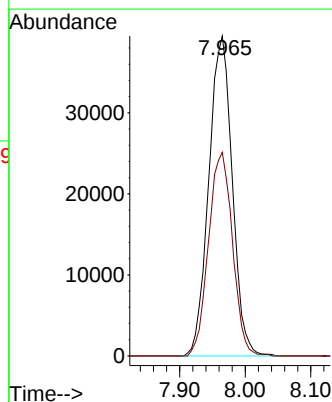
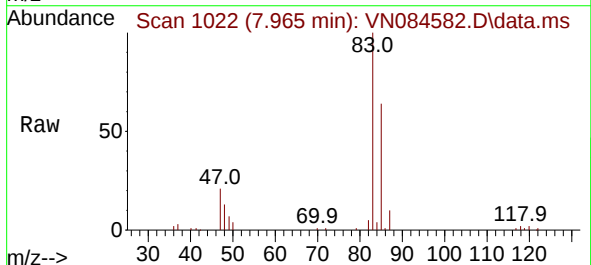
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

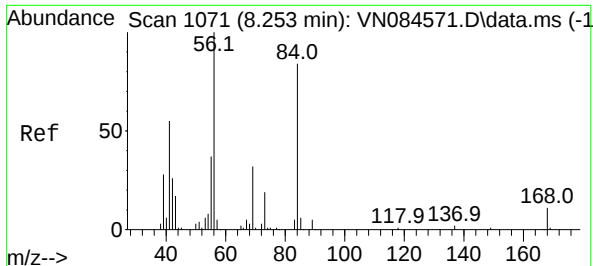
Tgt Ion:	42	Resp:	94524
Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.6	51.8
71	42.3	32.2	48.4



#30
Chloroform
Concen: 24.927 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:	83	Resp:	98125
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.4





#31

Cyclohexane

Concen: 19.639 ug/l

RT: 8.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

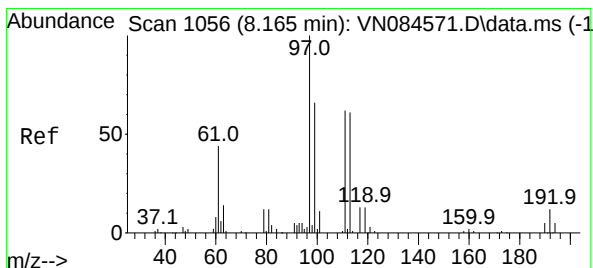
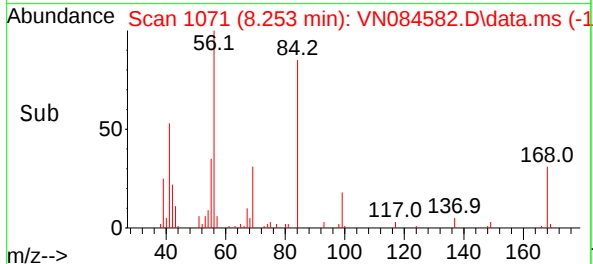
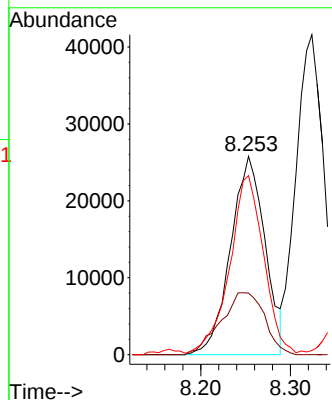
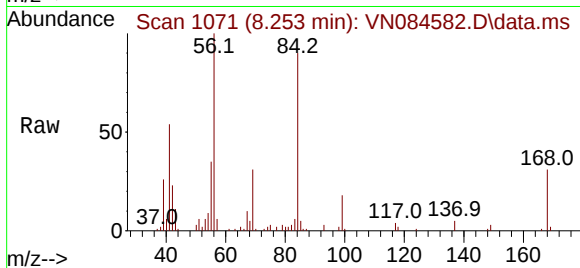
Tgt Ion: 56 Resp: 68747

Ion Ratio Lower Upper

56 100

69 31.1 23.8 35.6

84 88.4 68.8 103.2



#32

1,1,1-Trichloroethane

Concen: 23.403 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

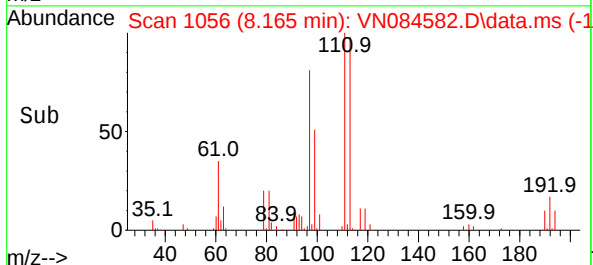
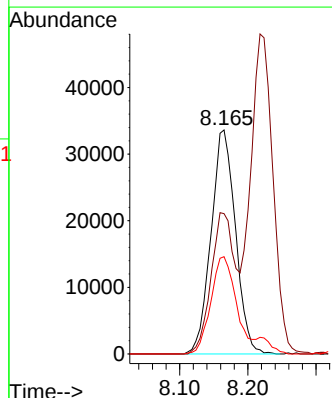
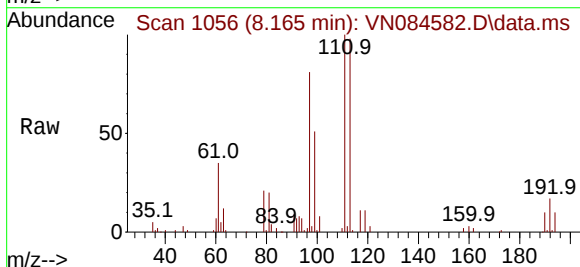
Tgt Ion: 97 Resp: 83852

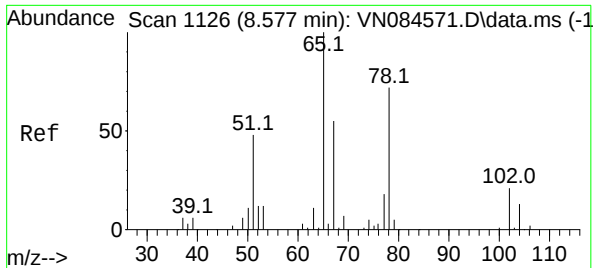
Ion Ratio Lower Upper

97 100

99 62.8 51.2 76.8

61 44.9 37.5 56.3

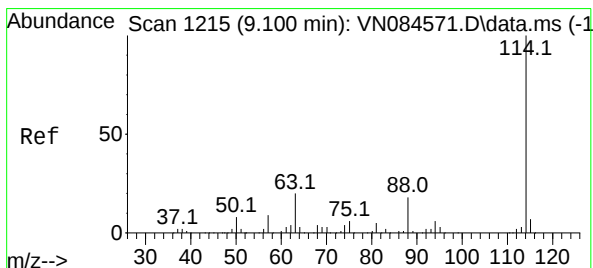
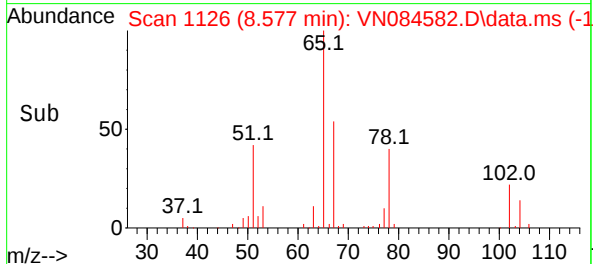
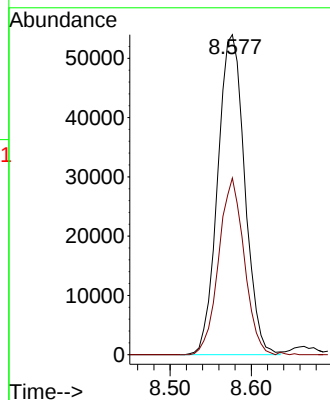
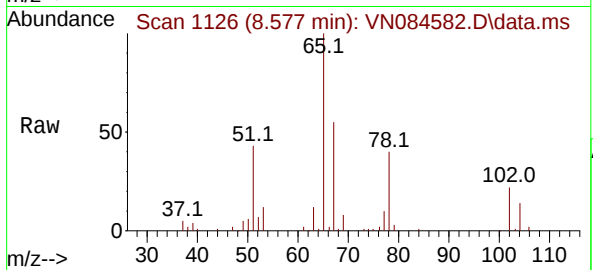




#33
1,2-Dichloroethane-d4
Concen: 49.247 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

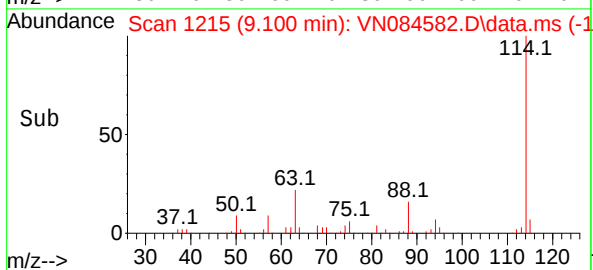
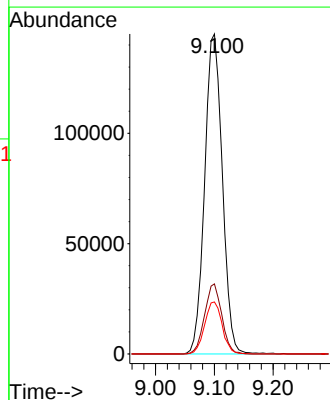
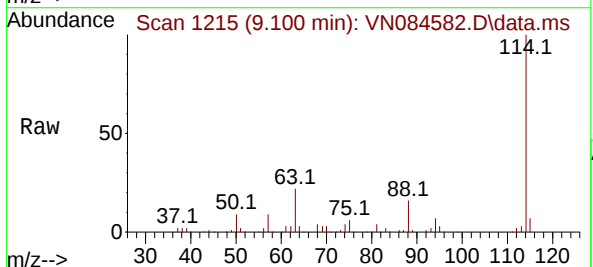
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

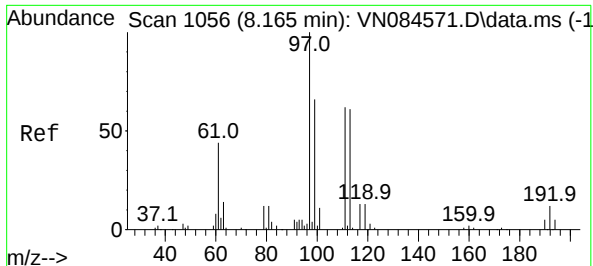
Tgt Ion: 65 Resp: 124867
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 114 Resp: 302518
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 16.2 0.0 31.6

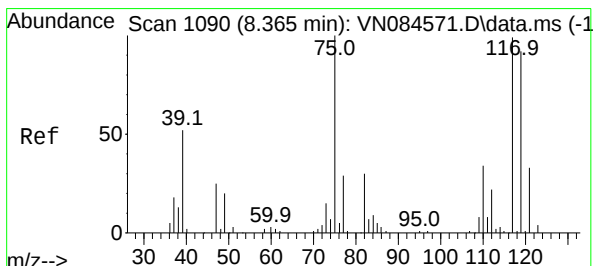
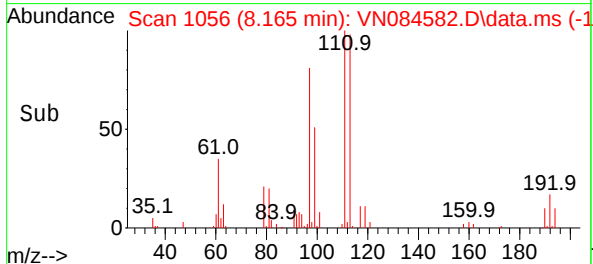
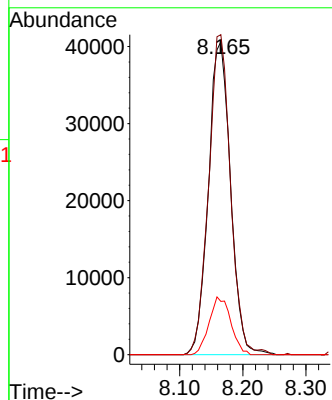
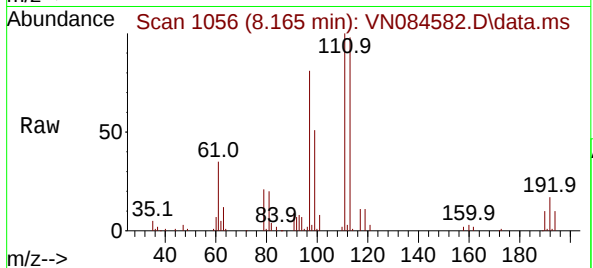




#35
Dibromofluoromethane
Concen: 48.341 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

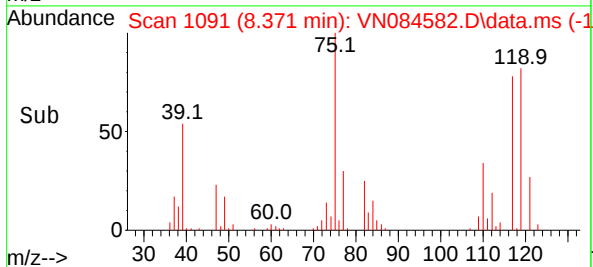
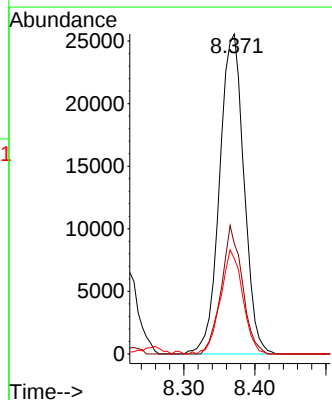
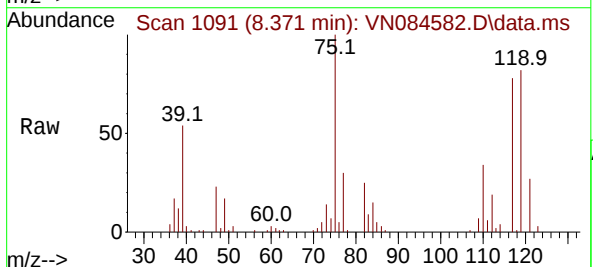
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

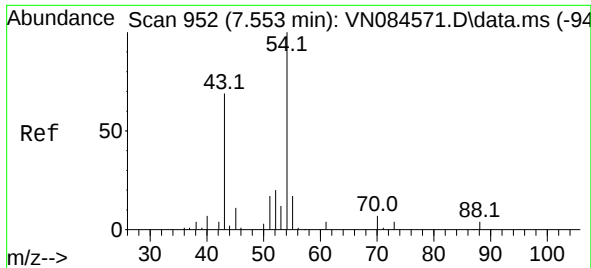
Tgt Ion:113 Resp: 98988
Ion Ratio Lower Upper
113 100
111 101.1 83.3 124.9
192 18.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 21.395 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 75 Resp: 60760
Ion Ratio Lower Upper
75 100
110 34.7 16.9 50.7
77 29.8 24.7 37.1





#37

Ethyl Acetate

Concen: 24.497 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

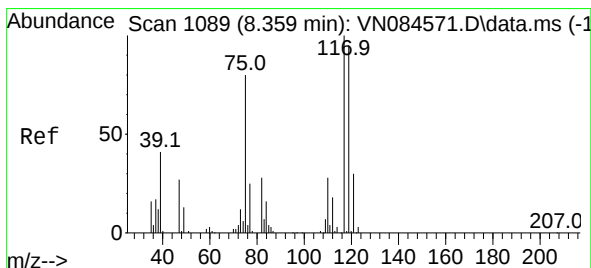
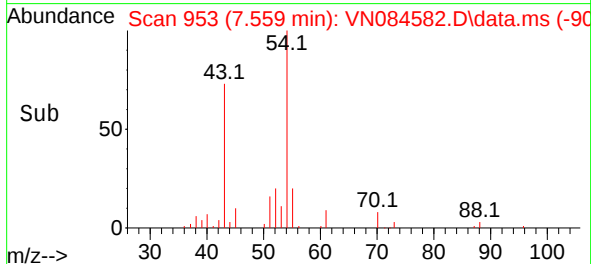
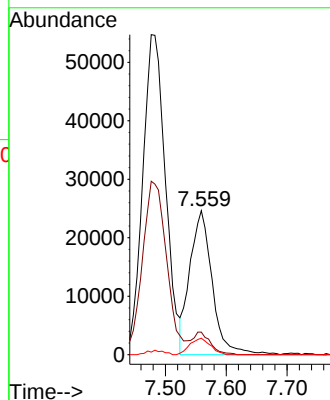
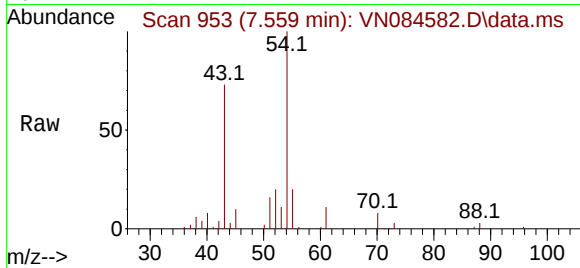
Tgt Ion: 43 Resp: 63118

Ion Ratio Lower Upper

43 100

61 12.8 10.7 16.1

70 10.4 8.8 13.2



#38

Carbon Tetrachloride

Concen: 22.076 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

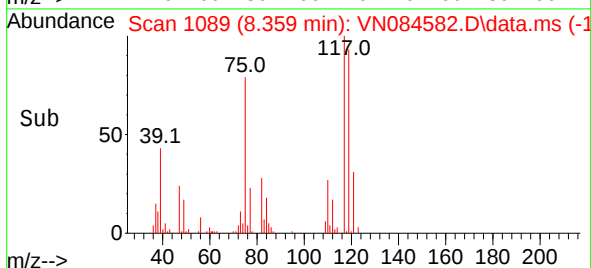
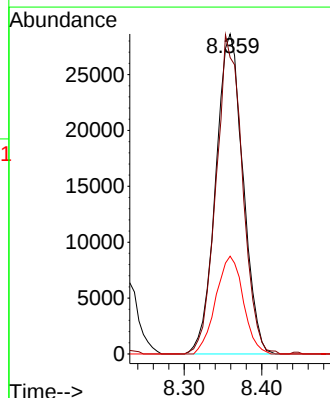
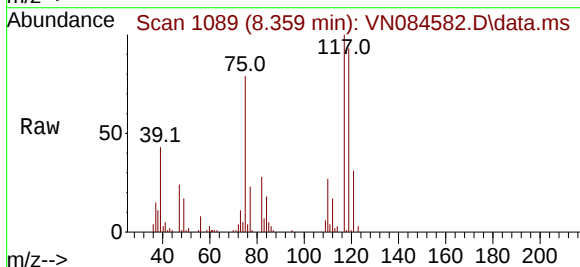
Tgt Ion: 117 Resp: 70074

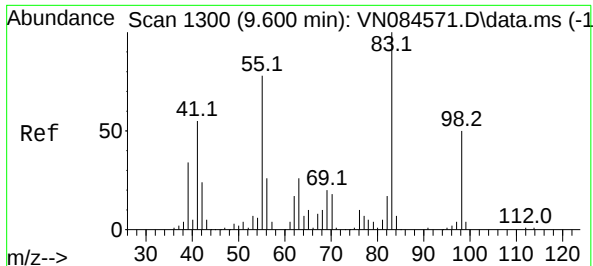
Ion Ratio Lower Upper

117 100

119 92.7 78.7 118.1

121 30.5 24.4 36.6

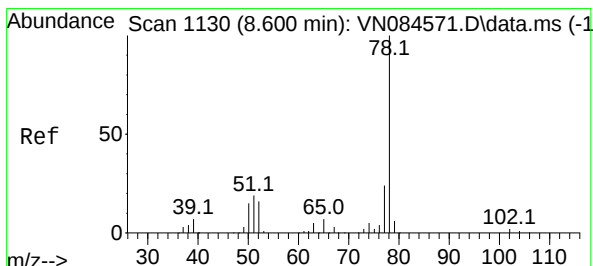
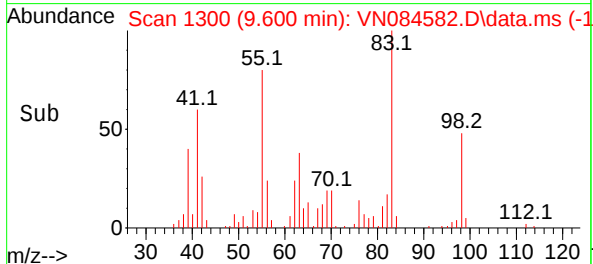
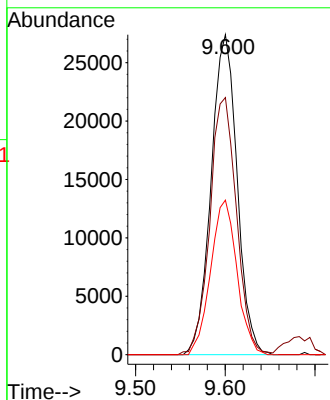
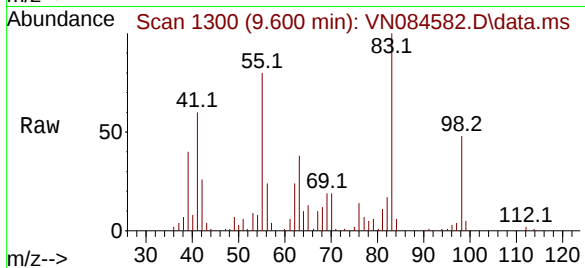




#39
Methylcyclohexane
Concen: 19.081 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

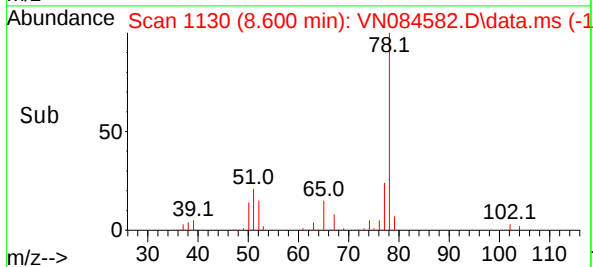
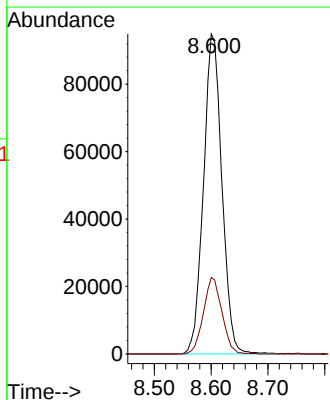
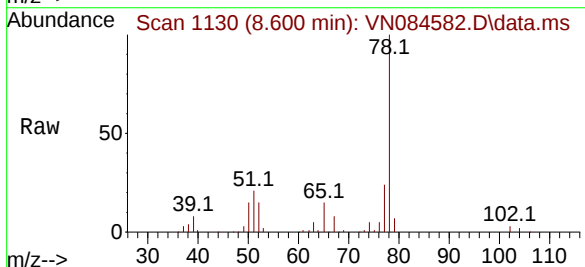
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

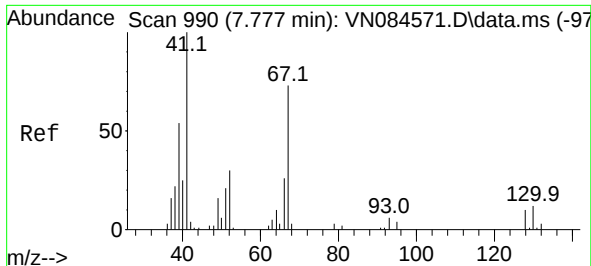
Tgt Ion: 83 Resp: 55126
Ion Ratio Lower Upper
83 100
55 80.3 62.8 94.2
98 48.3 38.8 58.2



#40
Benzene
Concen: 23.365 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 78 Resp: 213095
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

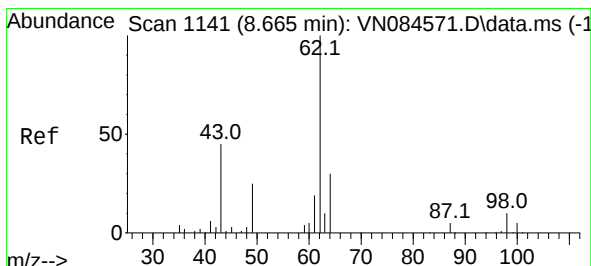
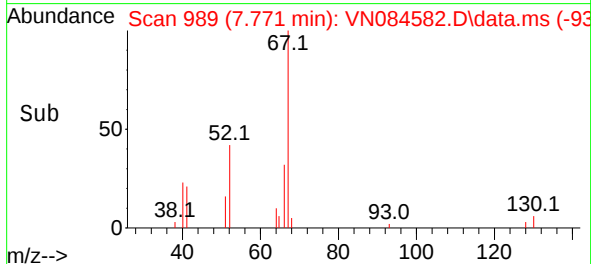
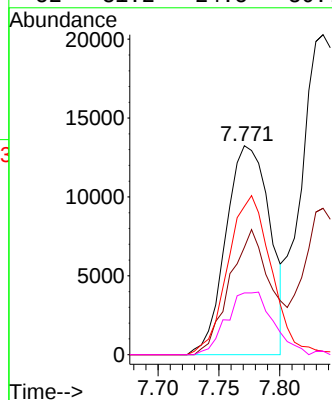
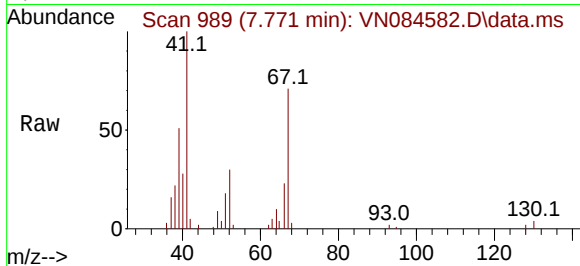




#41
Methacrylonitrile
Concen: 24.195 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

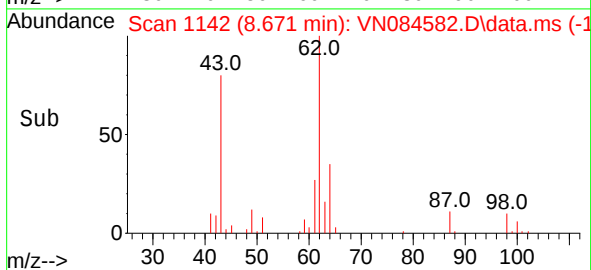
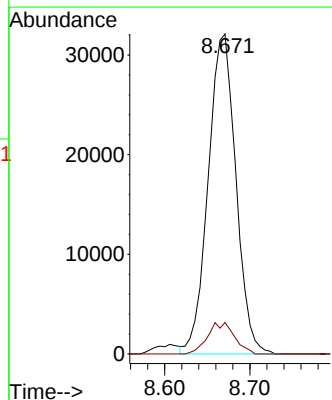
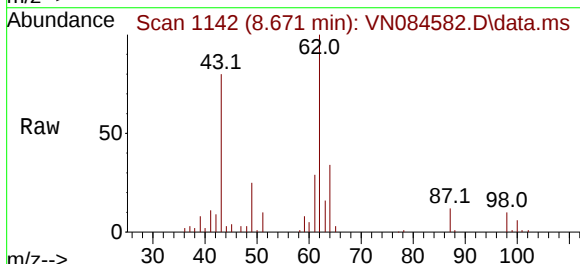
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

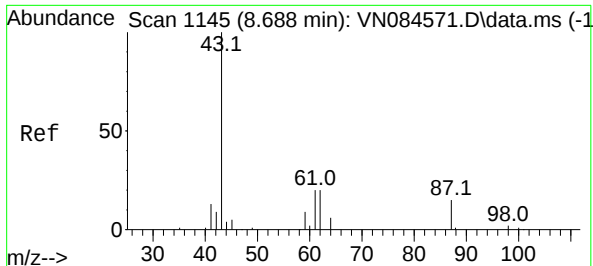
Tgt Ion: 41	Resp: 33524
Ion Ratio	Lower Upper
41 100	
39 56.8	43.3 64.9
67 75.1	56.1 84.1
52 31.2	24.5 36.7



#42
1,2-Dichloroethane
Concen: 24.598 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 62	Resp: 72655
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 18.2

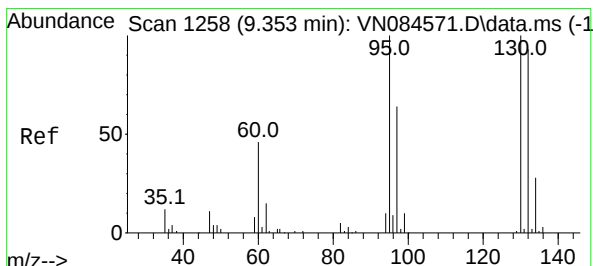
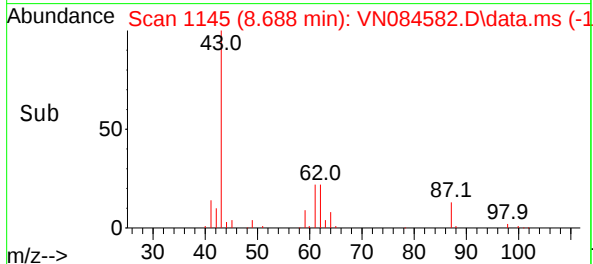
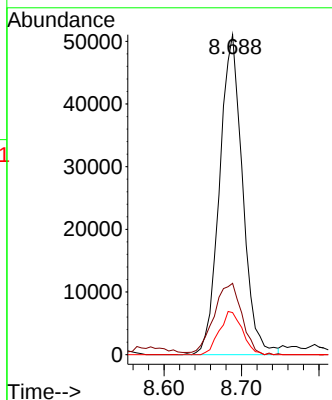
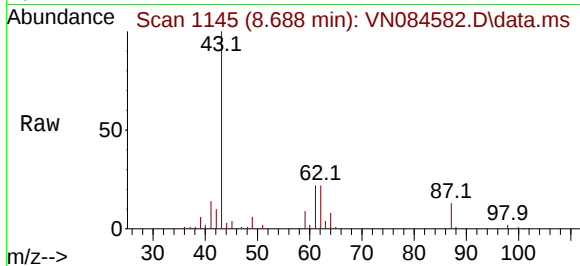




#43
Isopropyl Acetate
Concen: 21.658 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

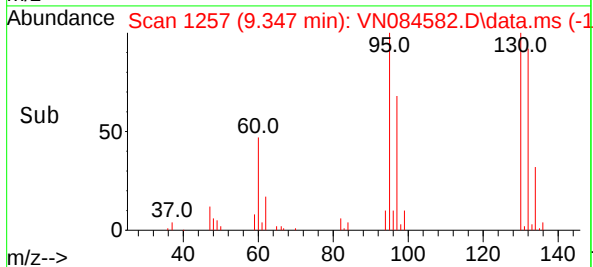
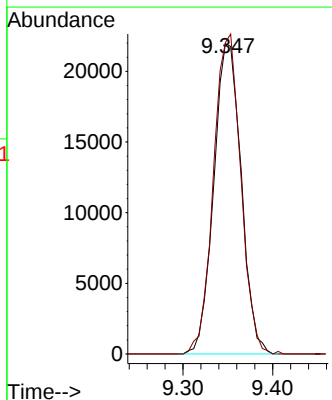
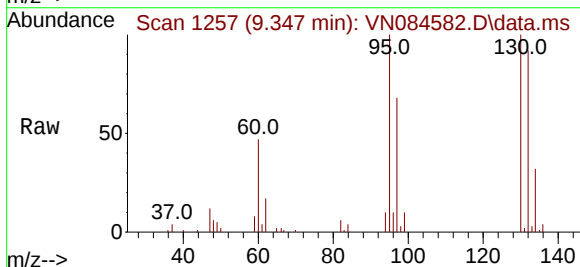
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

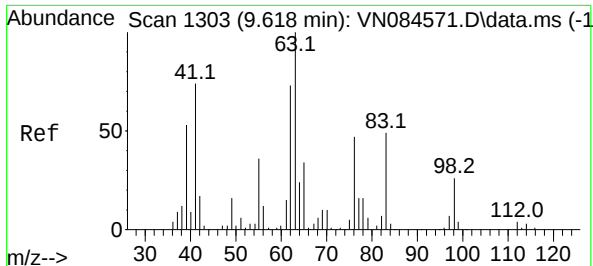
Tgt Ion: 43 Resp: 105697
Ion Ratio Lower Upper
43 100
61 27.1 20.4 30.6
87 13.5 10.3 15.5



#44
Trichloroethene
Concen: 22.182 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:130 Resp: 46656
Ion Ratio Lower Upper
130 100
95 100.3 0.0 203.0

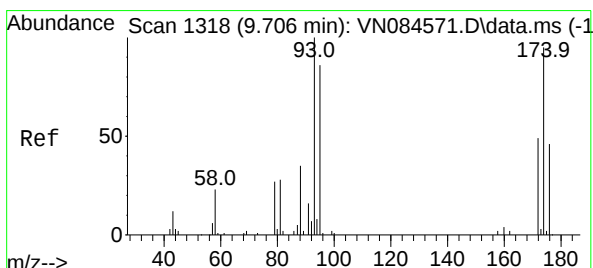
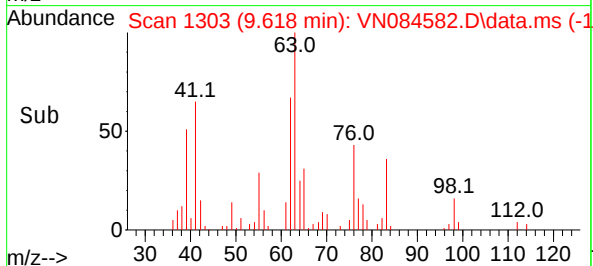
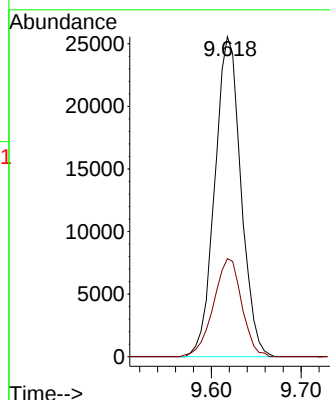
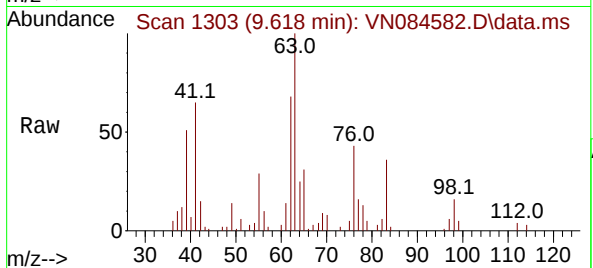




#45
1,2-Dichloropropane
Concen: 24.155 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

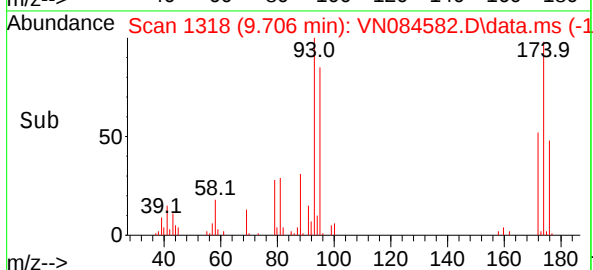
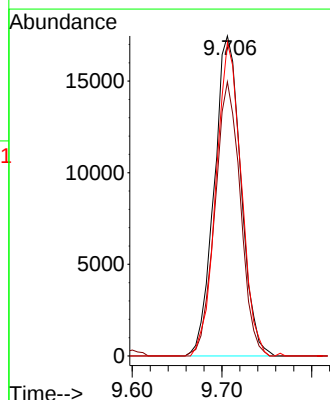
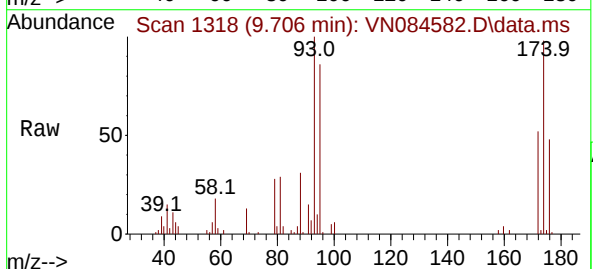
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

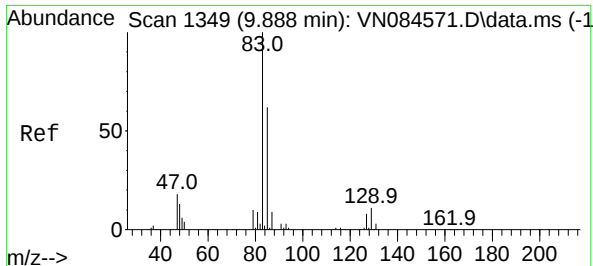
Tgt Ion: 63 Resp: 51678
Ion Ratio Lower Upper
63 100
65 30.6 24.6 37.0



#46
Dibromomethane
Concen: 23.902 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 93 Resp: 36084
Ion Ratio Lower Upper
93 100
95 81.6 65.0 97.4
174 92.7 71.8 107.8





#47

Bromodichloromethane

Concen: 23.923 ug/l

RT: 9.883 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

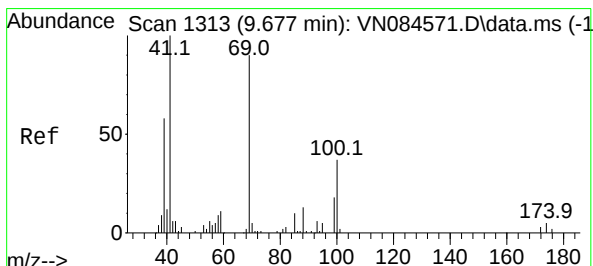
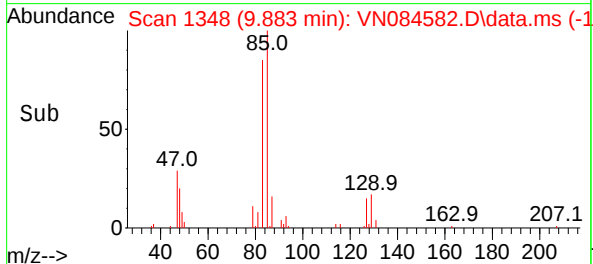
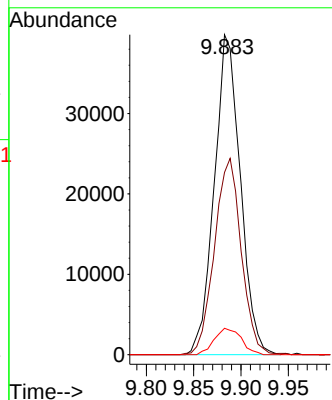
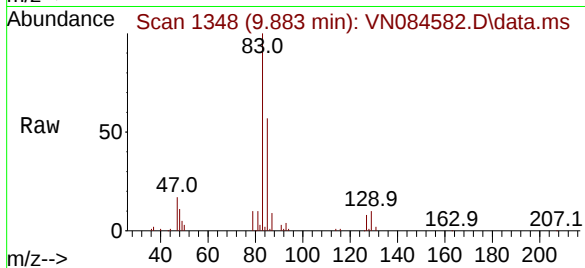
Tgt Ion: 83 Resp: 76129

Ion Ratio Lower Upper

83 100

85 56.9 51.5 77.3

127 8.3 5.7 8.5



#48

Methyl methacrylate

Concen: 23.838 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

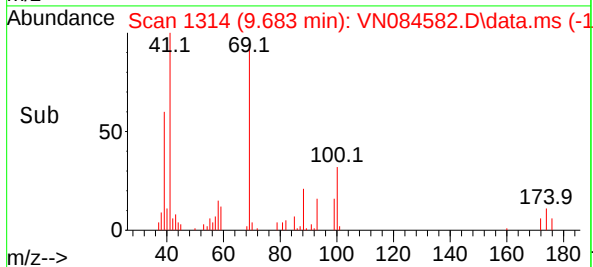
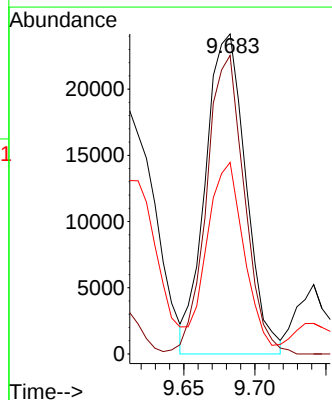
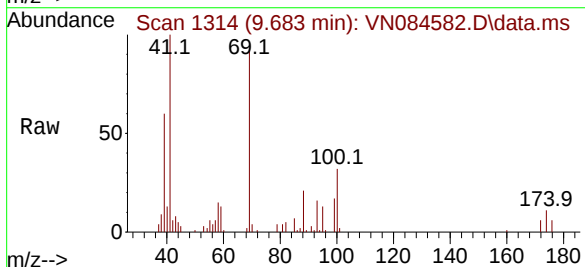
Tgt Ion: 41 Resp: 47802

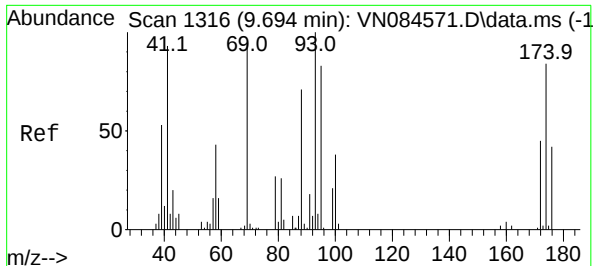
Ion Ratio Lower Upper

41 100

69 87.4 67.1 100.7

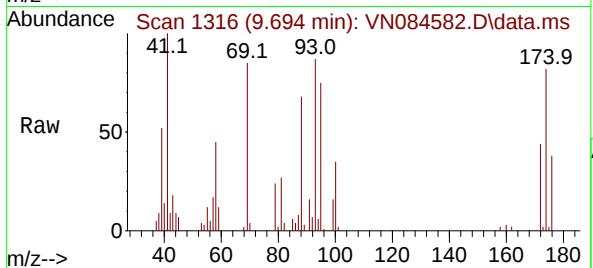
39 56.3 45.8 68.6



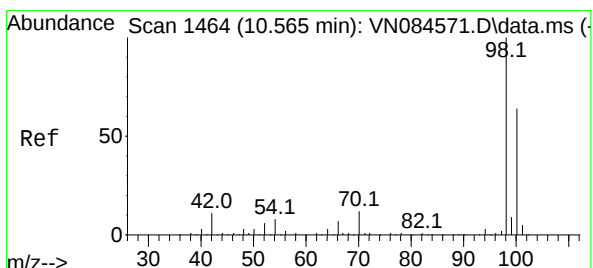
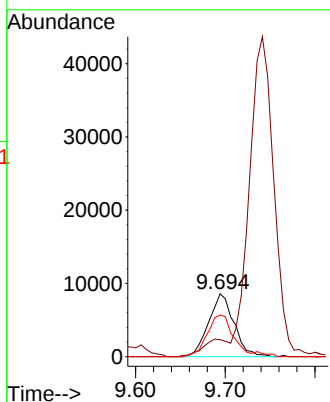
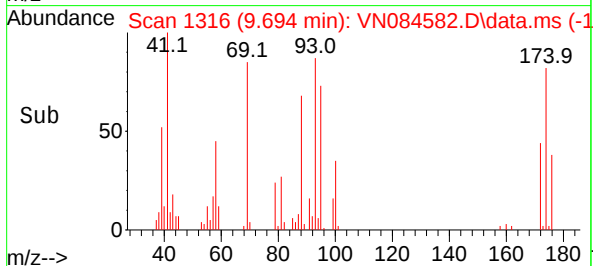


#49
1,4-Dioxane
Concen: 474.093 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

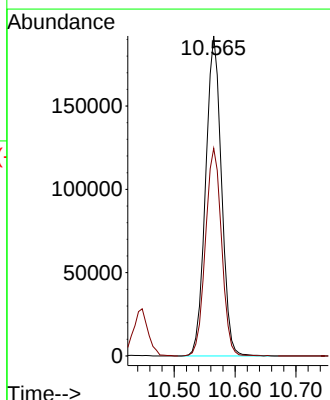
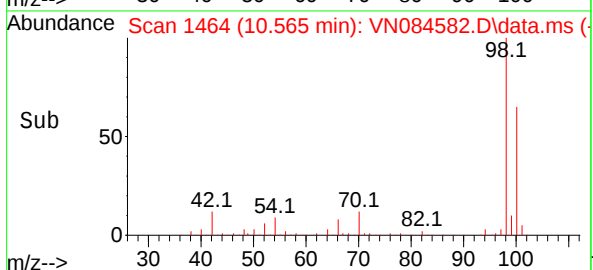
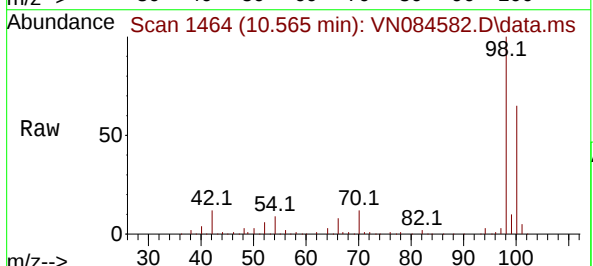


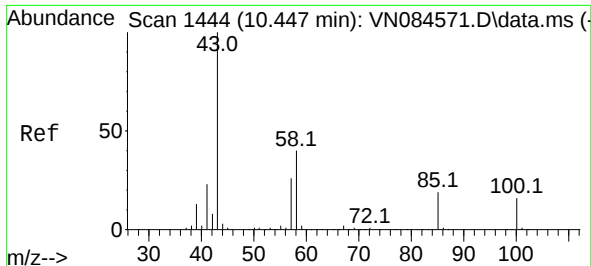
Tgt Ion: 88 Resp: 16847
Ion Ratio Lower Upper
88 100
43 25.3 25.3 37.9#
58 71.1 56.4 84.6



#50
Toluene-d8
Concen: 46.026 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 98 Resp: 347175
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 123.971 ug/l

RT: 10.441 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

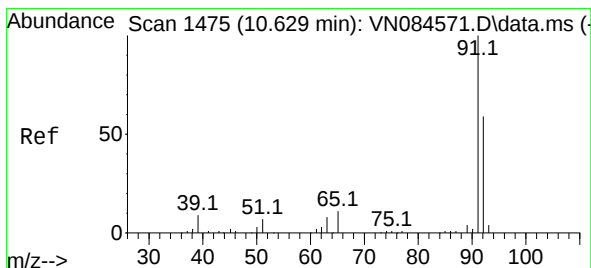
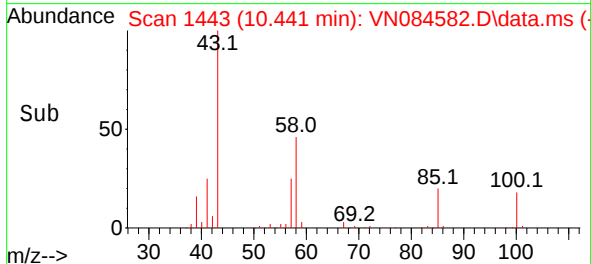
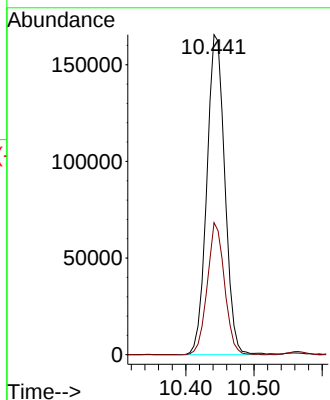
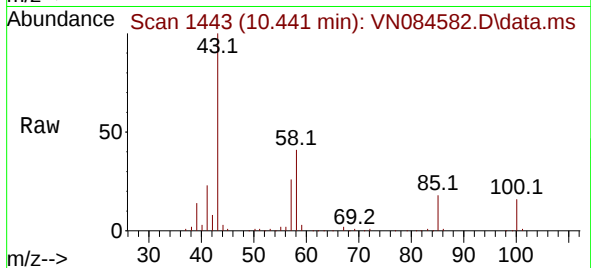
VN1030WBS01

Tgt Ion: 43 Resp: 304508

Ion Ratio Lower Upper

43 100

58 39.4 31.6 47.4



#52

Toluene

Concen: 23.842 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084582.D

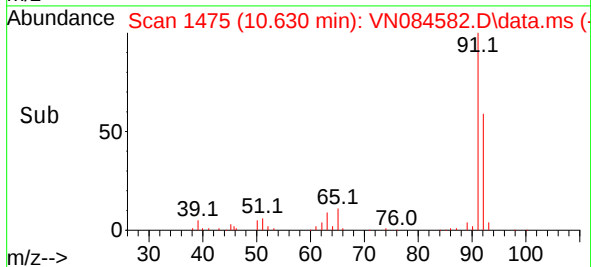
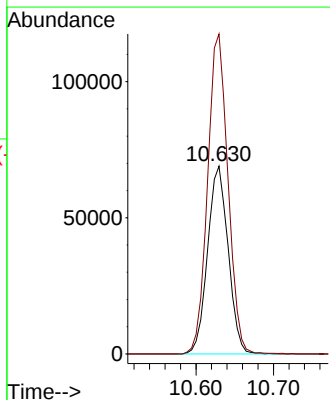
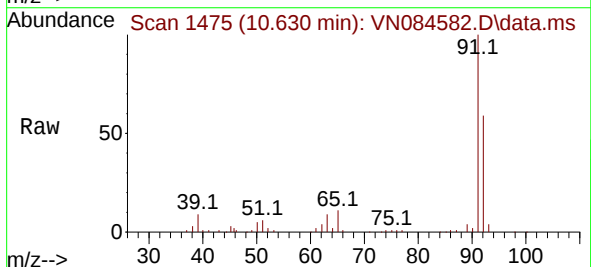
Acq: 30 Oct 2024 21:46

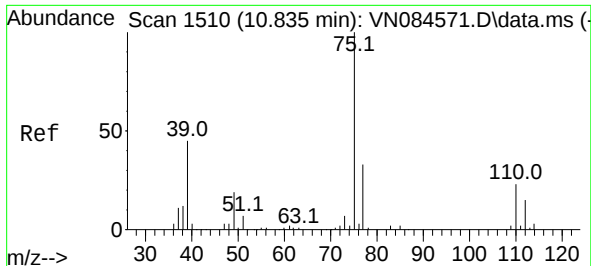
Tgt Ion: 92 Resp: 127170

Ion Ratio Lower Upper

92 100

91 168.7 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 22.007 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

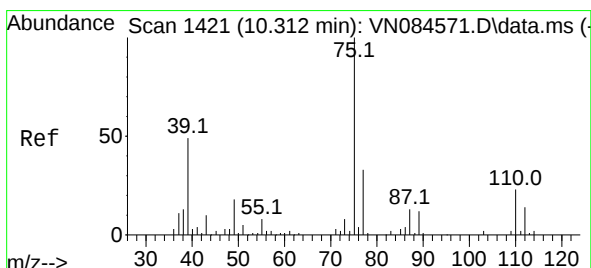
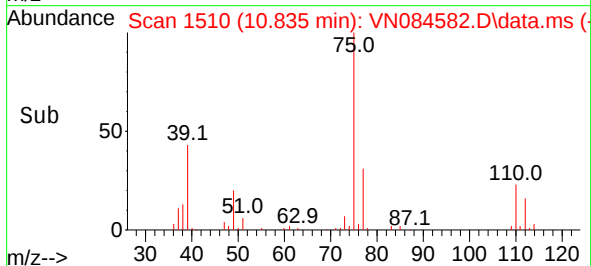
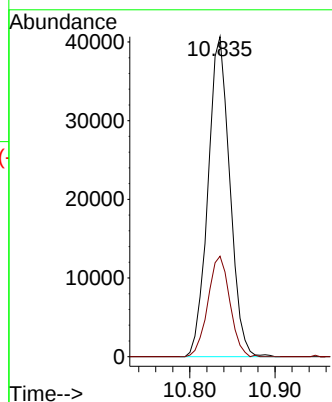
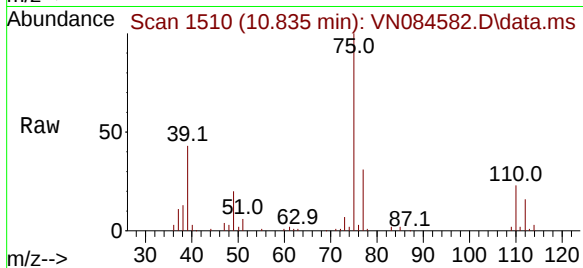
VN1030WBS01

Tgt Ion: 75 Resp: 72490

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 22.583 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

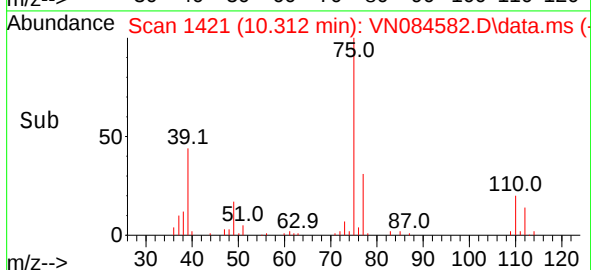
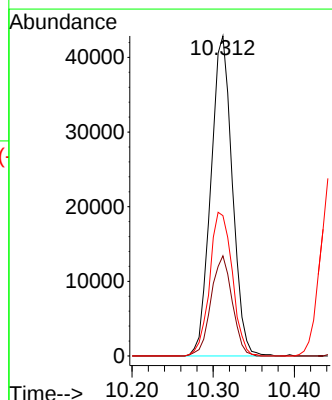
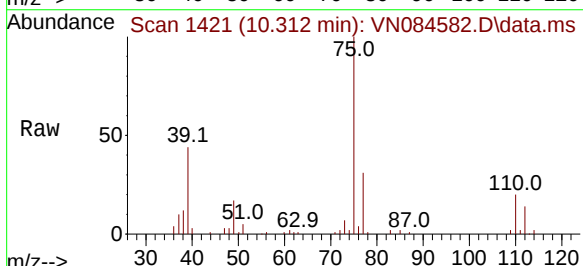
Tgt Ion: 75 Resp: 78731

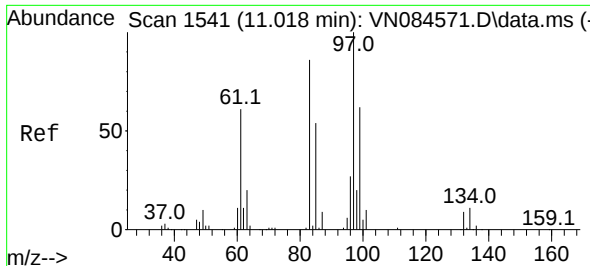
Ion Ratio Lower Upper

75 100

77 31.3 24.2 36.2

39 43.9 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 24.572 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion: 97 Resp: 49371

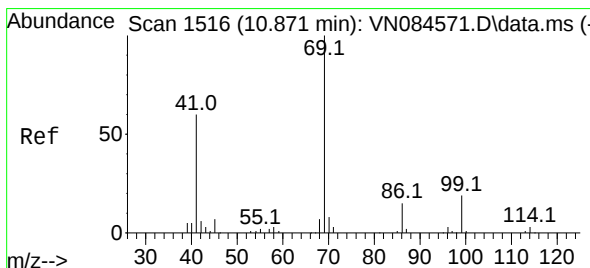
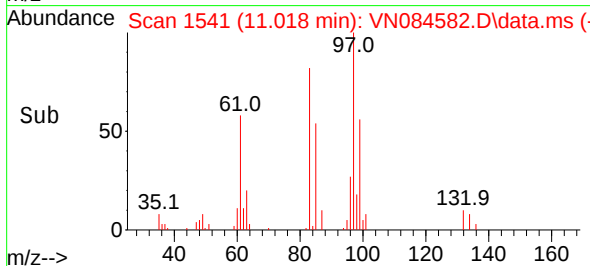
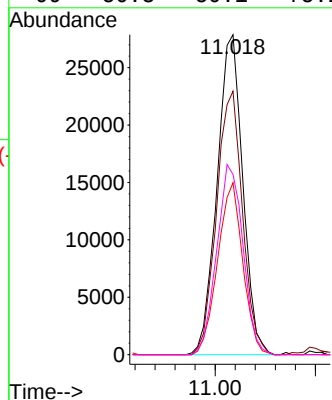
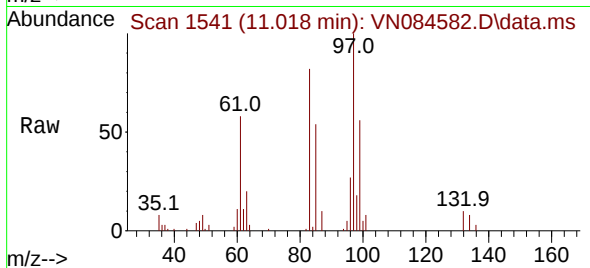
Ion Ratio Lower Upper

97 100

83 82.4 71.0 106.4

85 53.7 41.7 62.5

99 56.3 50.1 75.1



#56

Ethyl methacrylate

Concen: 25.127 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

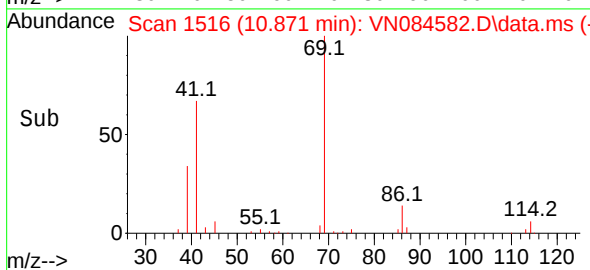
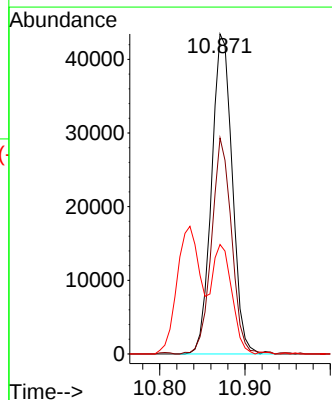
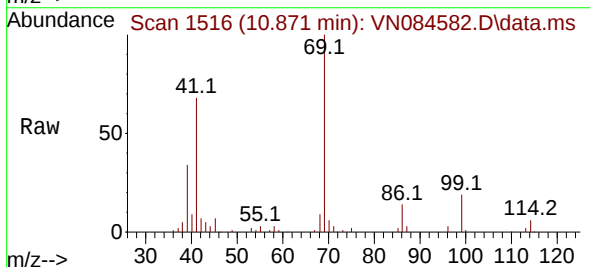
Tgt Ion: 69 Resp: 73027

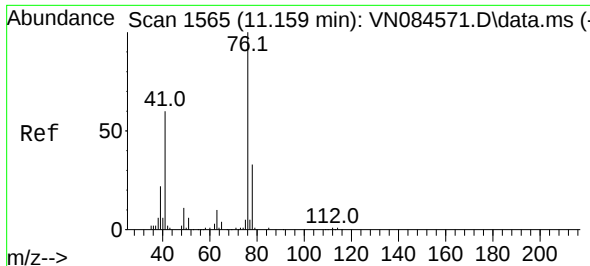
Ion Ratio Lower Upper

69 100

41 65.5 53.3 79.9

39 33.4 28.8 43.2





#57

1,3-Dichloropropane

Concen: 24.271 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

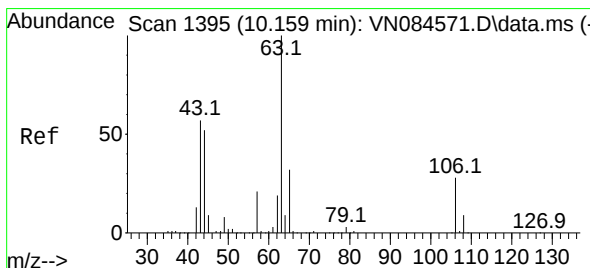
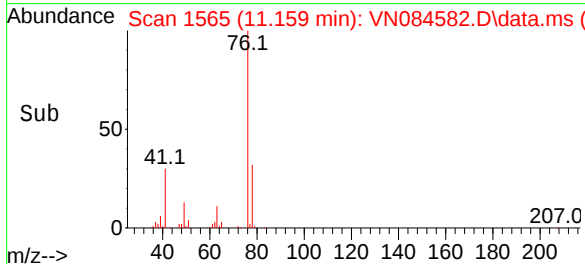
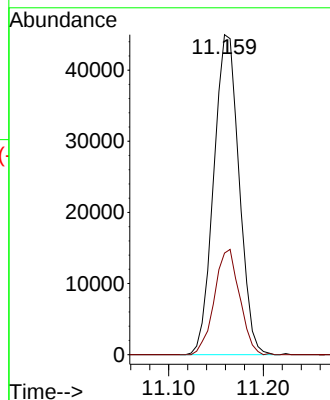
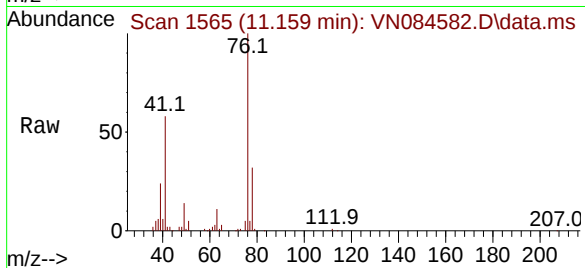
VN1030WBS01

Tgt Ion: 76 Resp: 83692

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.644 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084582.D

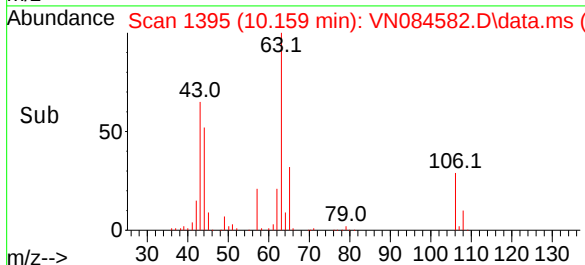
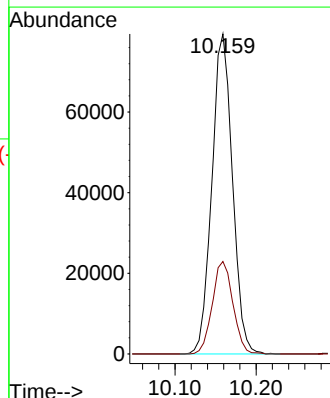
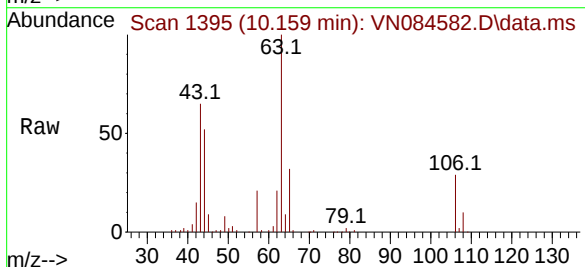
Acq: 30 Oct 2024 21:46

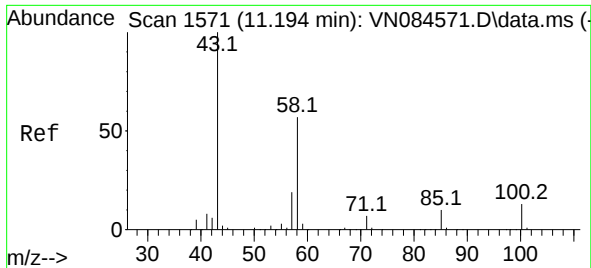
Tgt Ion: 63 Resp: 139589

Ion Ratio Lower Upper

63 100

106 28.9 21.8 32.6

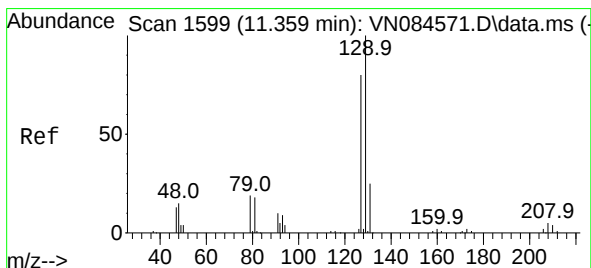
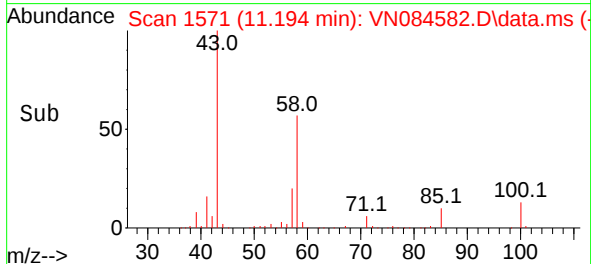
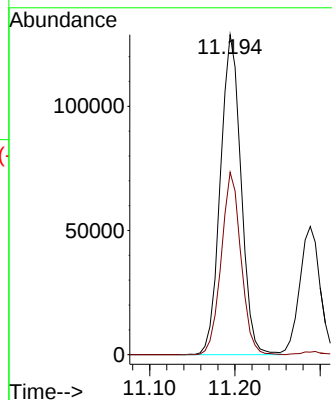
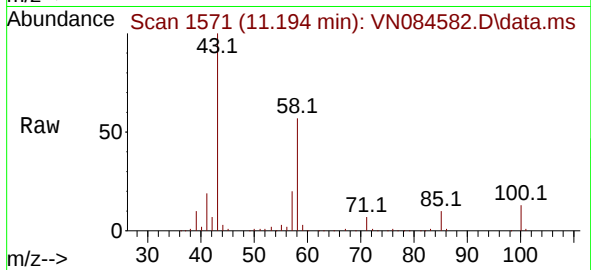




#59
2-Hexanone
Concen: 121.462 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

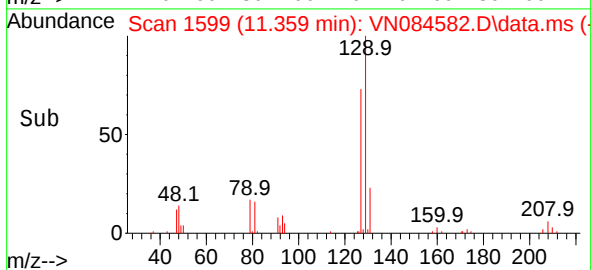
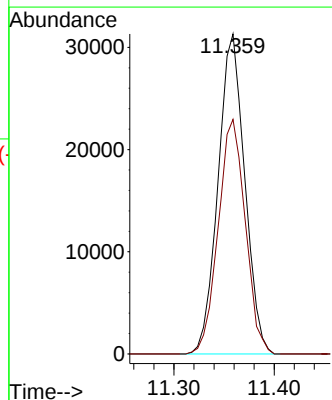
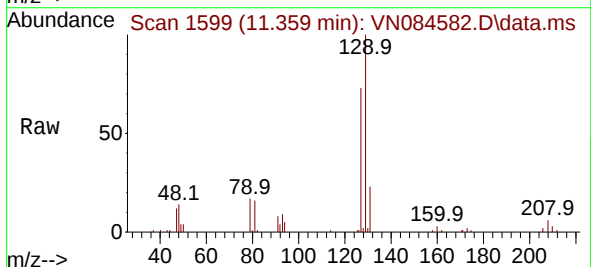
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

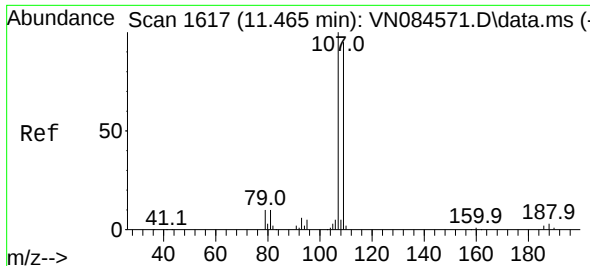
Tgt Ion: 43 Resp: 217160
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 25.253 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:129 Resp: 57827
Ion Ratio Lower Upper
129 100
127 74.4 38.3 114.9

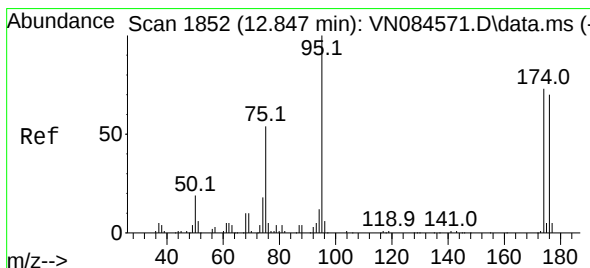
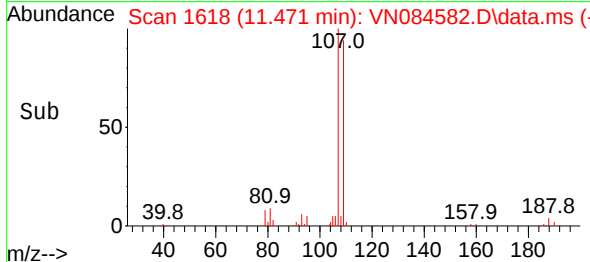
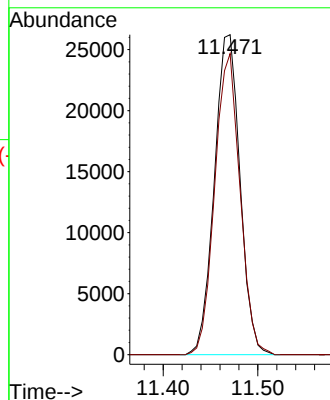
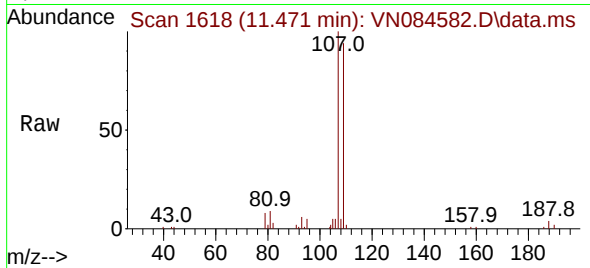




#61
1,2-Dibromoethane
Concen: 23.986 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

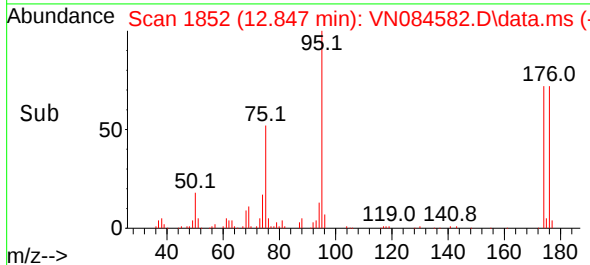
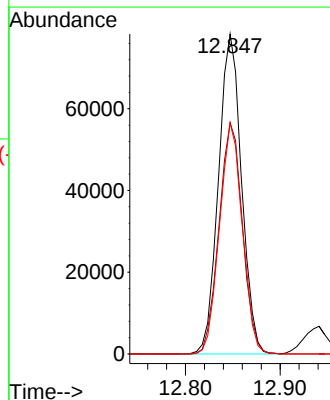
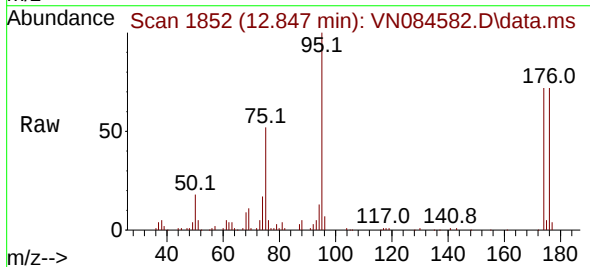
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

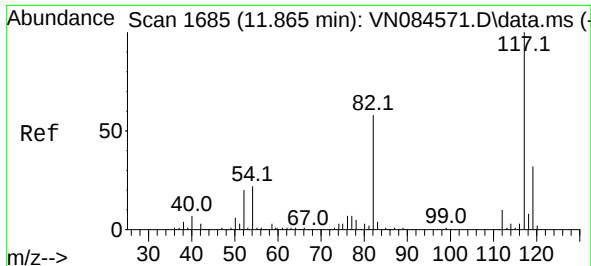
Tgt Ion:107 Resp: 49351
Ion Ratio Lower Upper
107 100
109 92.5 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 46.926 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 95 Resp: 132288
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 71.3 0.0 140.0

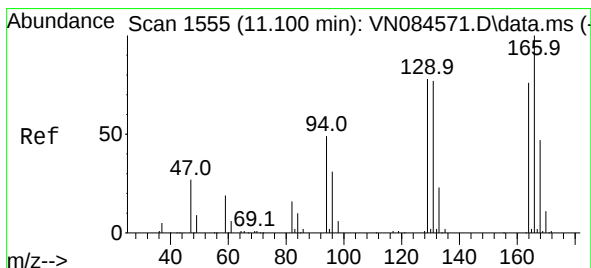
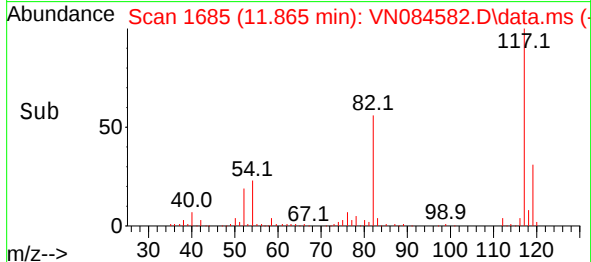
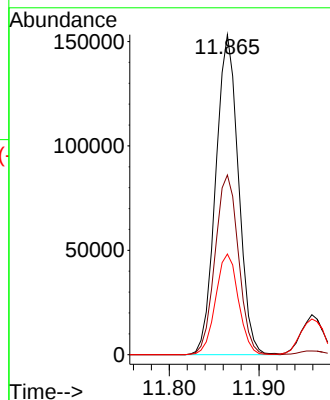
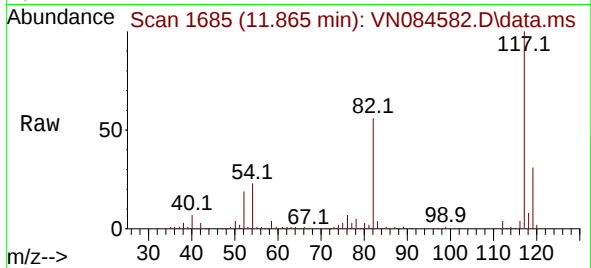




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

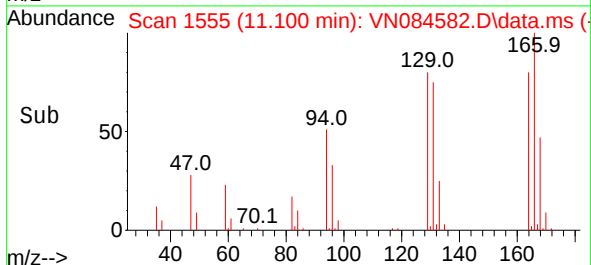
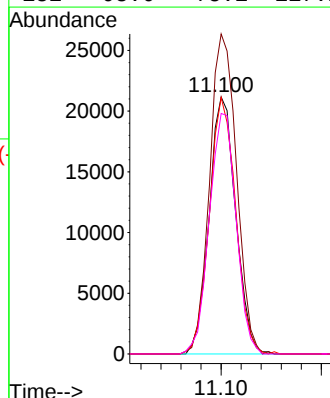
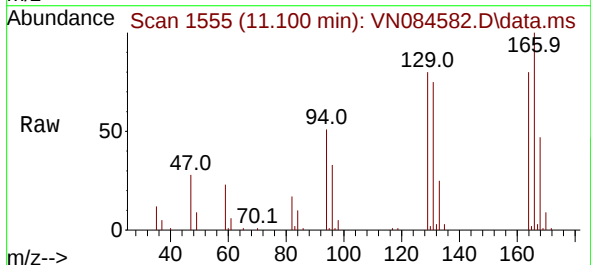
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

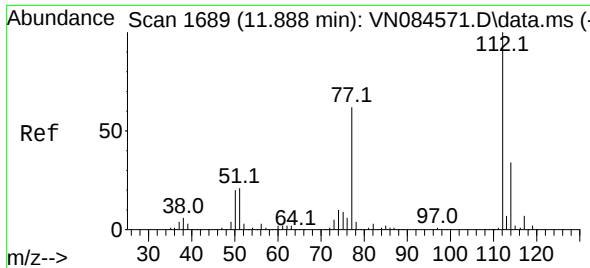
Tgt Ion:117 Resp: 269521
Ion Ratio Lower Upper
117 100
82 56.1 47.2 70.8
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 21.690 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:164 Resp: 38885
Ion Ratio Lower Upper
164 100
166 124.5 101.0 151.4
129 99.8 80.8 121.2
131 93.6 78.1 117.1

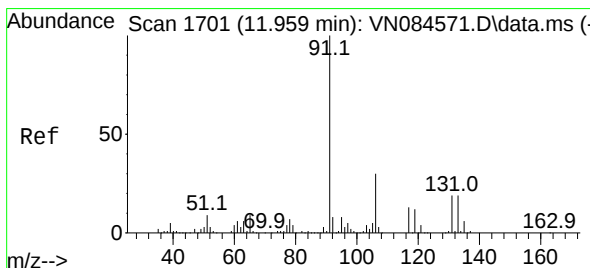
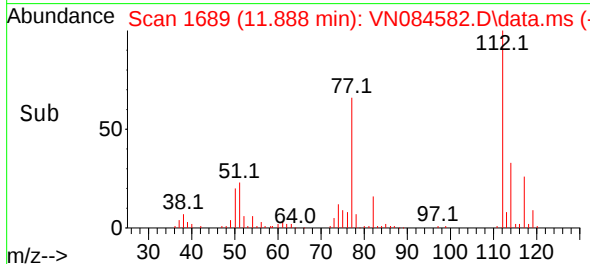
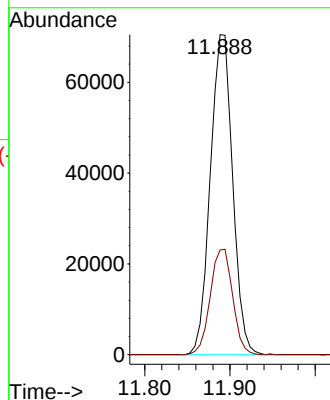
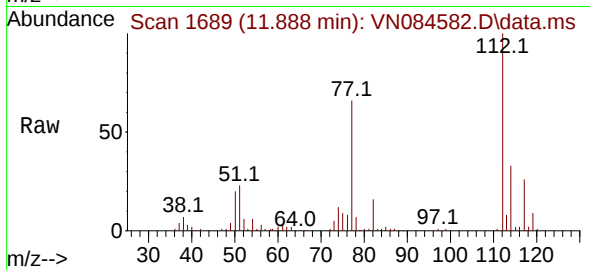




#65
Chlorobenzene
Concen: 21.309 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

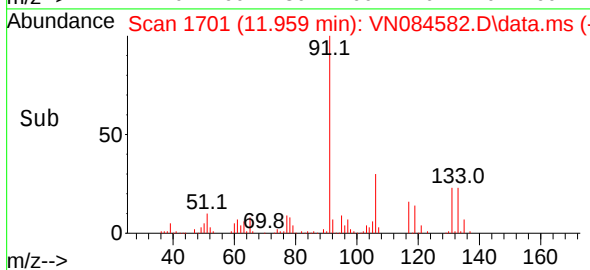
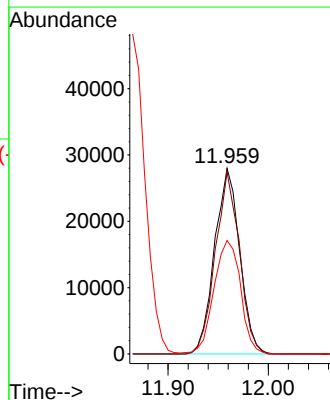
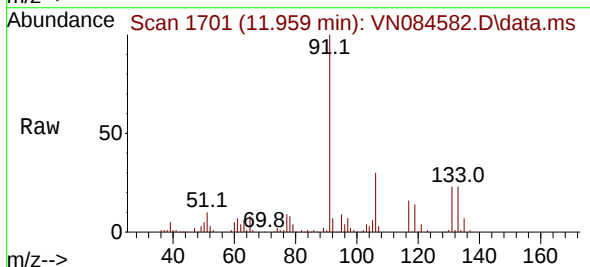
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

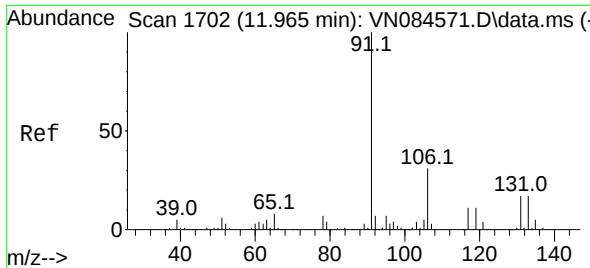
Tgt Ion:112 Resp: 128484
Ion Ratio Lower Upper
112 100
114 32.7 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.204 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:131 Resp: 48667
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 64.8 32.8 98.3





#67

Ethyl Benzene

Concen: 21.581 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

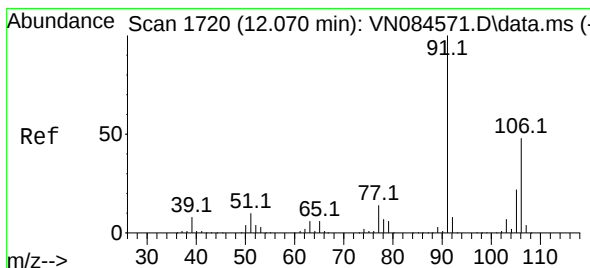
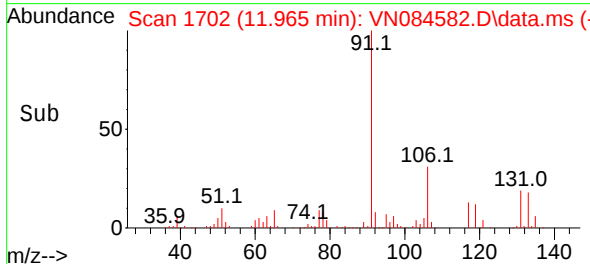
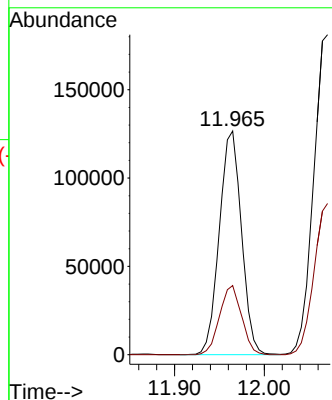
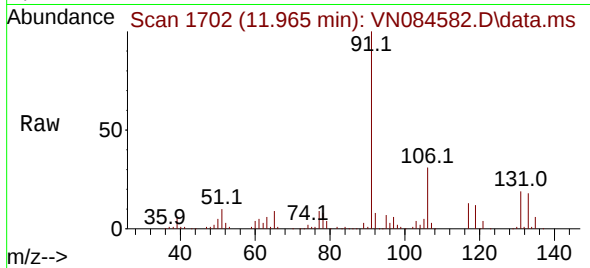
VN1030WBS01

Tgt Ion: 91 Resp: 217205

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 43.777 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084582.D

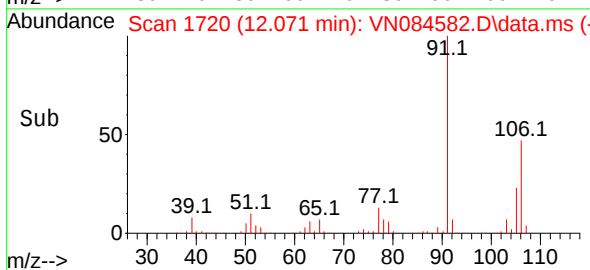
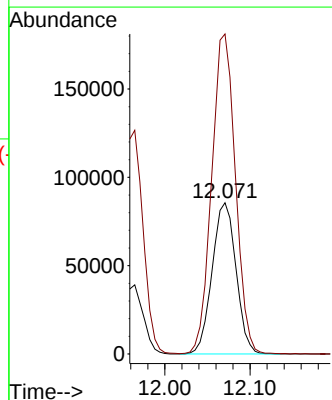
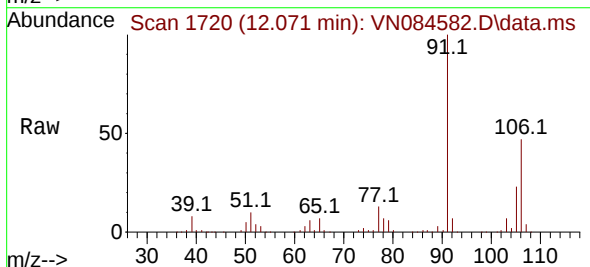
Acq: 30 Oct 2024 21:46

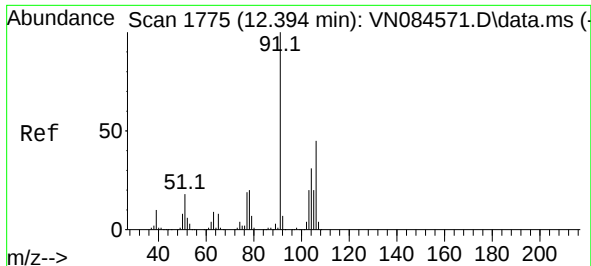
Tgt Ion:106 Resp: 166809

Ion Ratio Lower Upper

106 100

91 210.6 167.1 250.7





#69

o-Xylene

Concen: 22.837 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

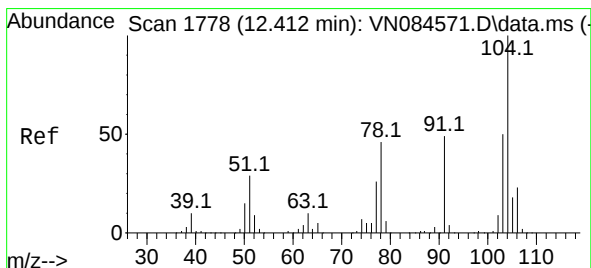
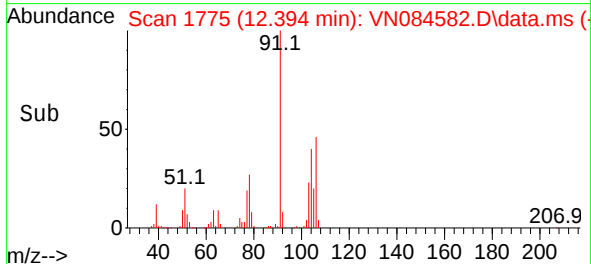
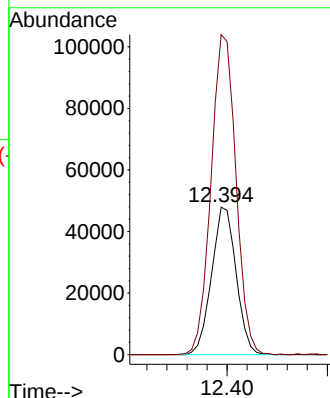
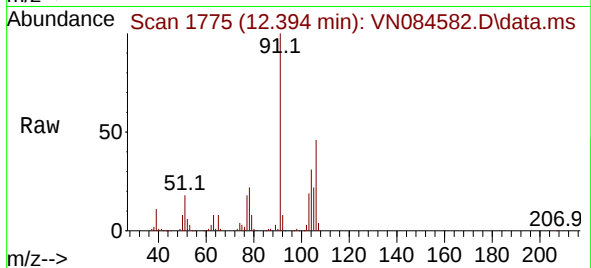
VN1030WBS01

Tgt Ion:106 Resp: 81403

Ion Ratio Lower Upper

106 100

91 220.5 110.2 330.6



#70

Styrene

Concen: 22.973 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

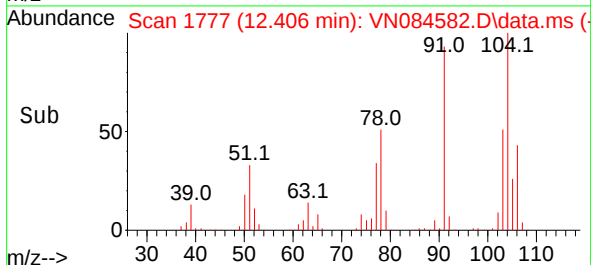
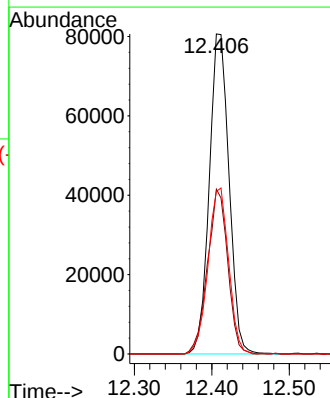
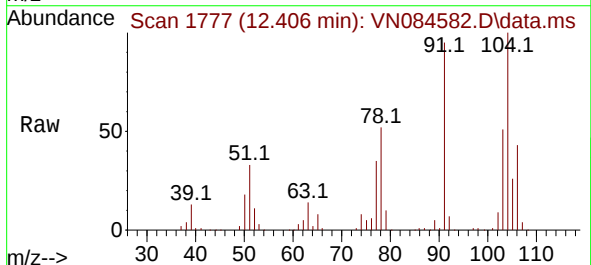
Tgt Ion:104 Resp: 142847

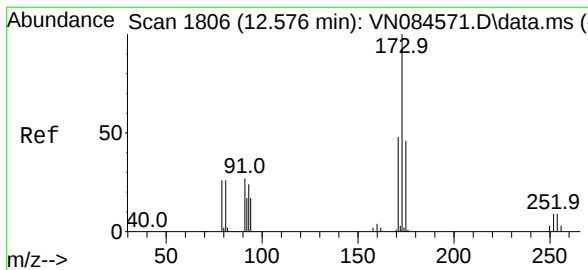
Ion Ratio Lower Upper

104 100

78 52.5 42.7 64.1

103 54.0 43.6 65.4

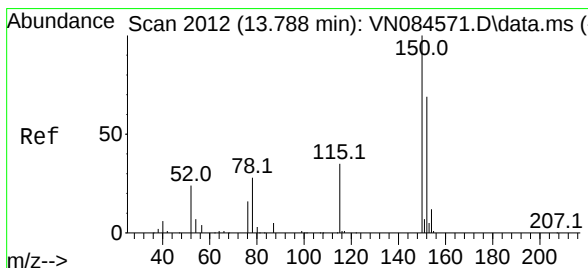
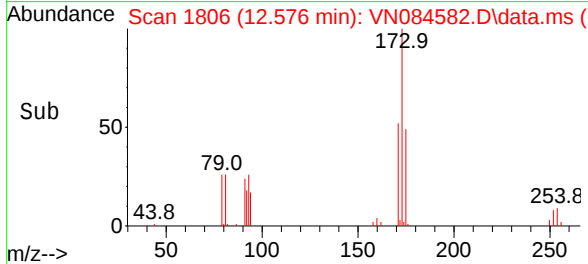
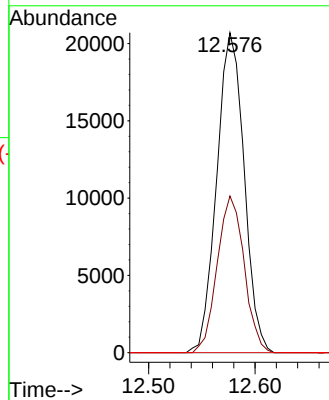
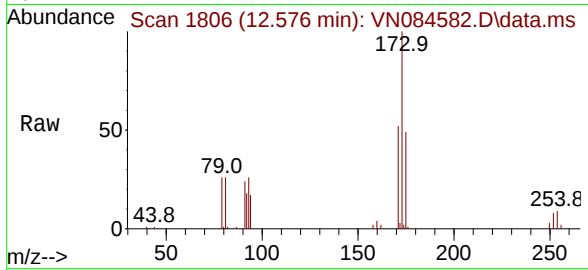




#71
Bromoform
Concen: 23.396 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

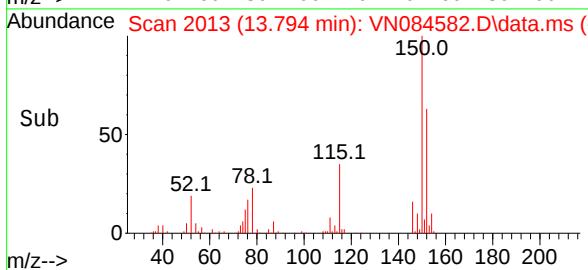
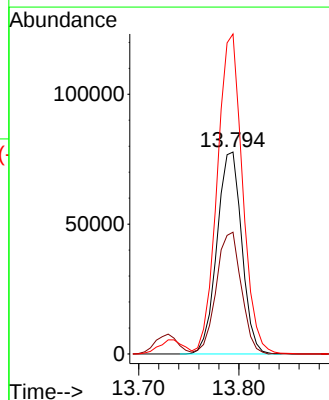
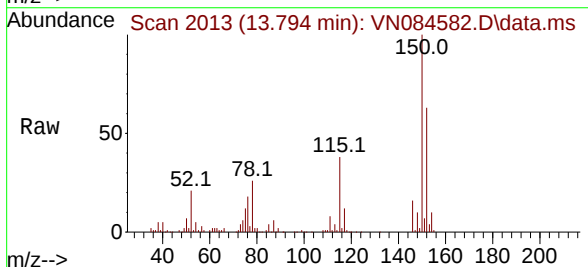
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

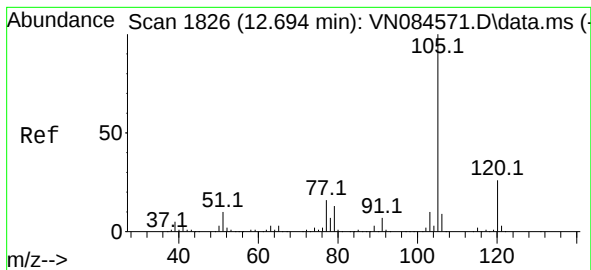
Tgt Ion:173 Resp: 36923
Ion Ratio Lower Upper
173 100
175 48.2 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion:152 Resp: 133405
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.9
150 161.9 0.0 349.8





#73

Isopropylbenzene

Concen: 20.655 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

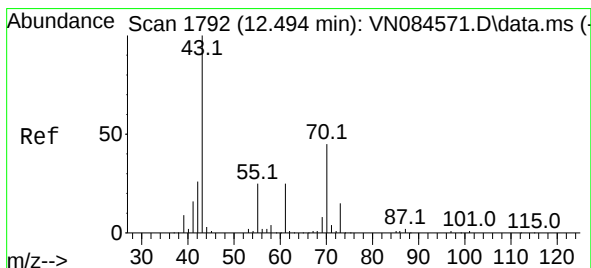
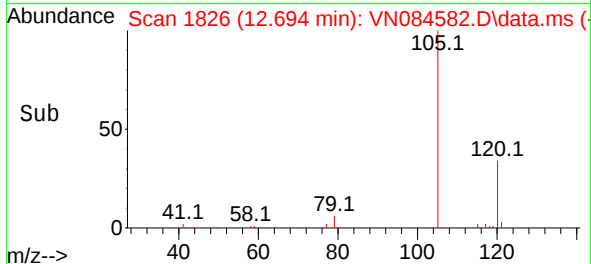
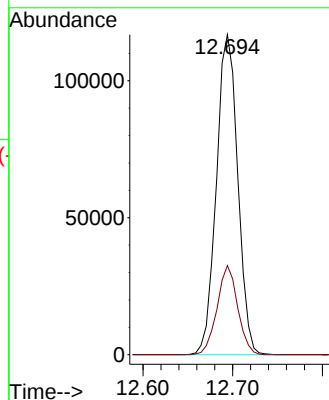
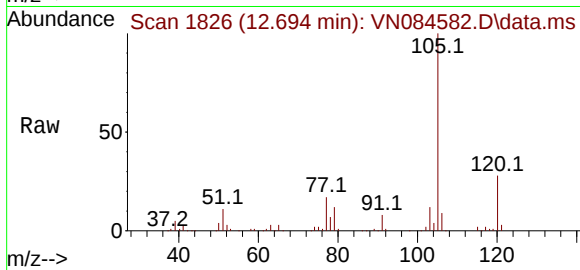
VN1030WBS01

Tgt Ion:105 Resp: 193097

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.7



#74

N-ethyl acetate

Concen: 22.262 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Tgt Ion: 43 Resp: 88581

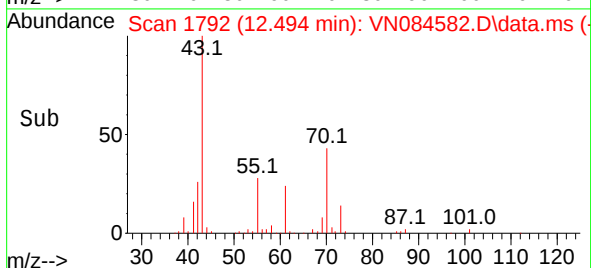
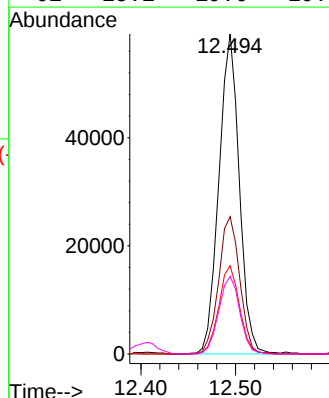
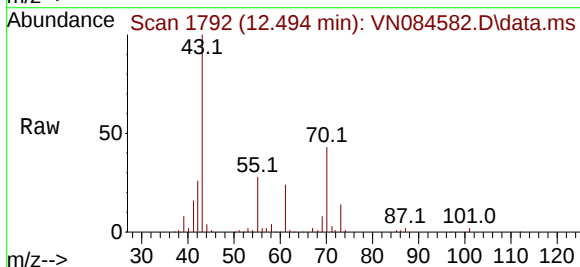
Ion Ratio Lower Upper

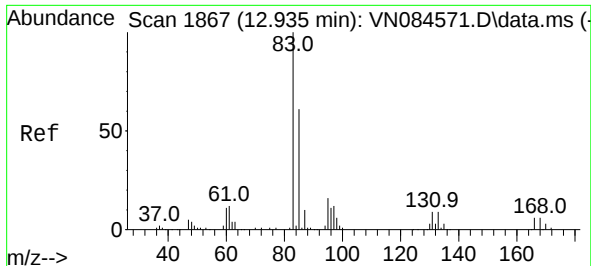
43 100

70 44.4 34.4 51.6

55 28.1 19.6 29.4

61 25.1 19.6 29.4

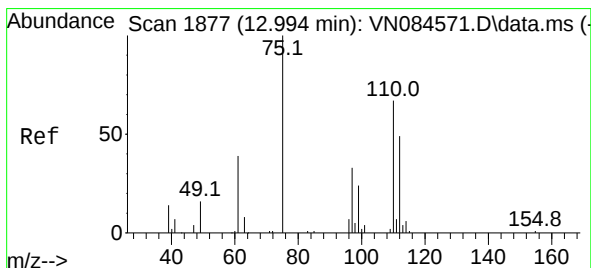
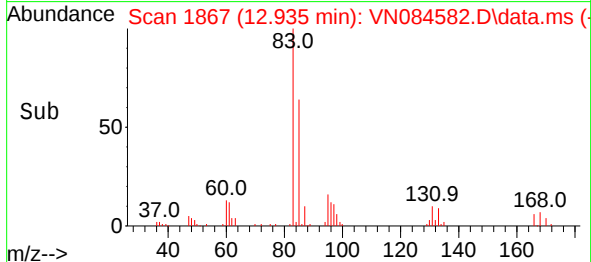
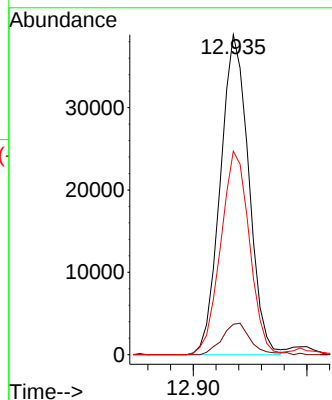
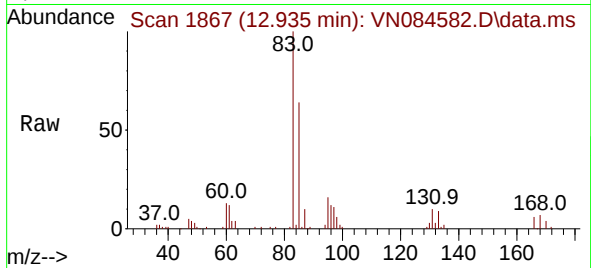




#75
1,1,2,2-Tetrachloroethane
Concen: 21.549 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

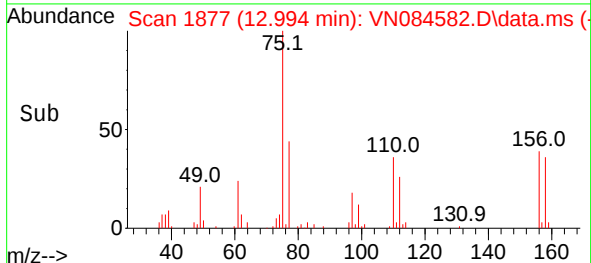
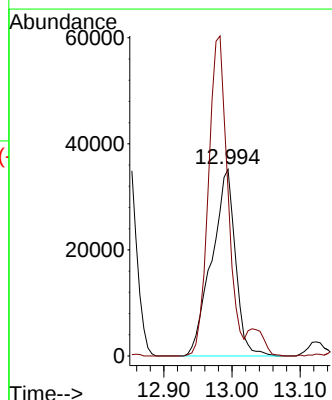
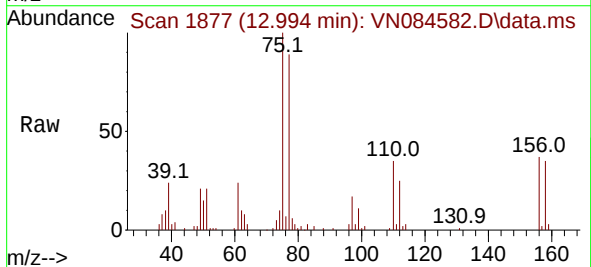
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

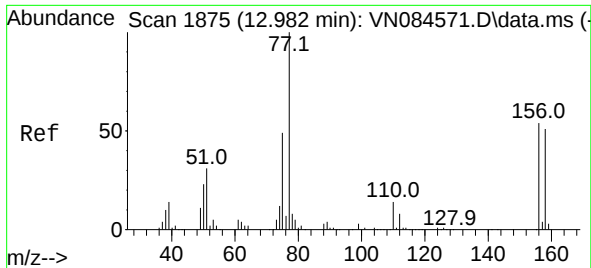
Tgt Ion: 83 Resp: 67242
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 31.916 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 75 Resp: 85110
Ion Ratio Lower Upper
75 100
77 139.0 96.9 290.7

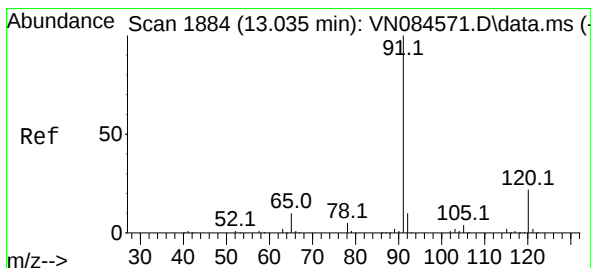
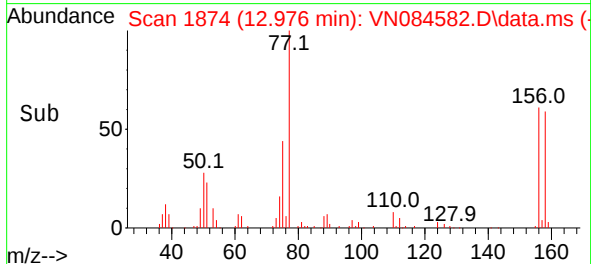
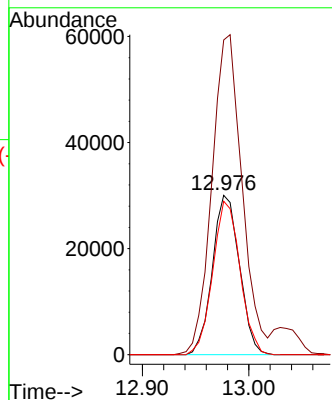
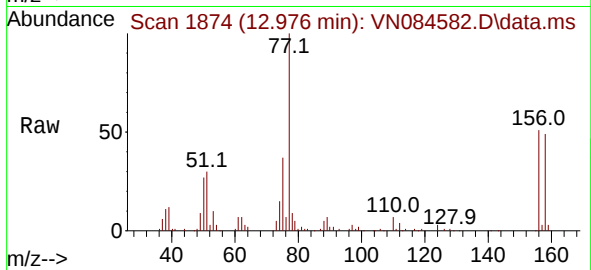




#77
Bromobenzene
Concen: 21.087 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

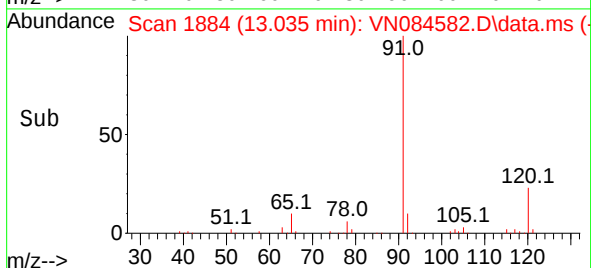
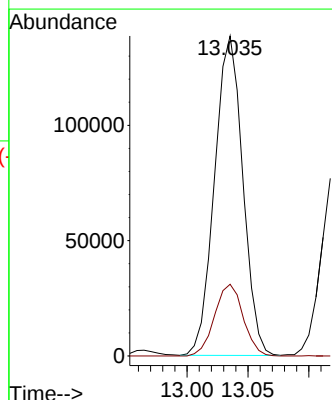
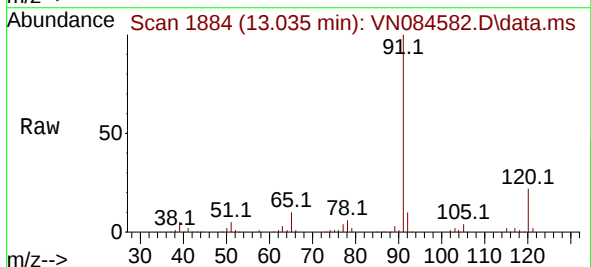
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

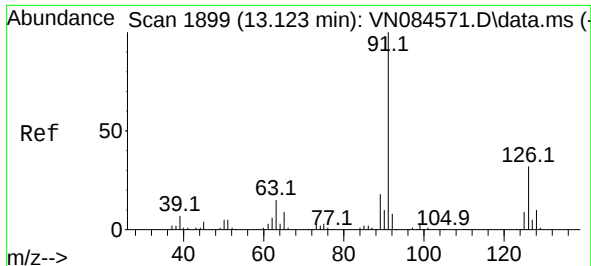
Tgt Ion:156 Resp: 52997
Ion Ratio Lower Upper
156 100
77 223.3 115.1 345.3
158 97.0 48.9 146.8



#78
n-propylbenzene
Concen: 20.364 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 91 Resp: 223094
Ion Ratio Lower Upper
91 100
120 22.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 21.297 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

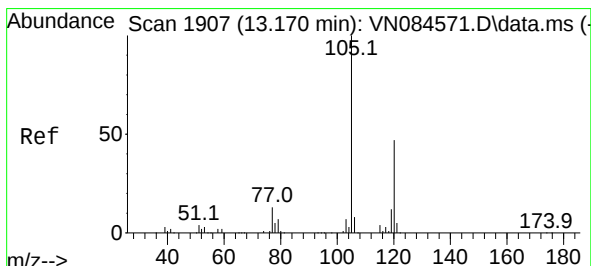
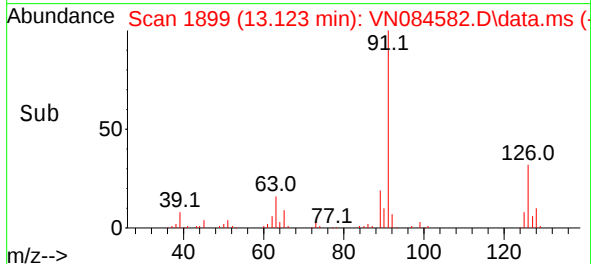
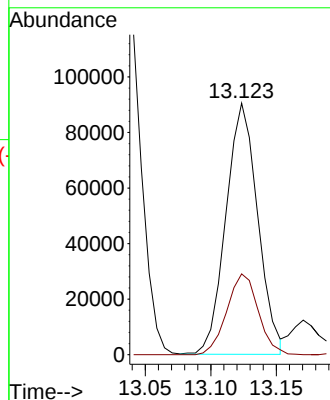
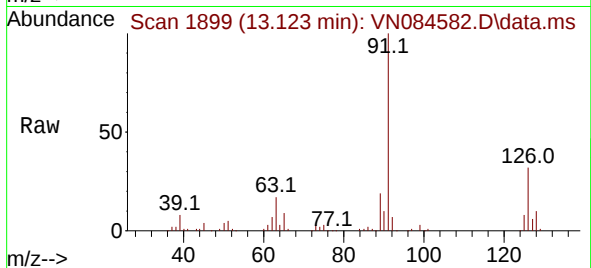
VN1030WBS01

Tgt Ion: 91 Resp: 152448

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 22.065 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084582.D

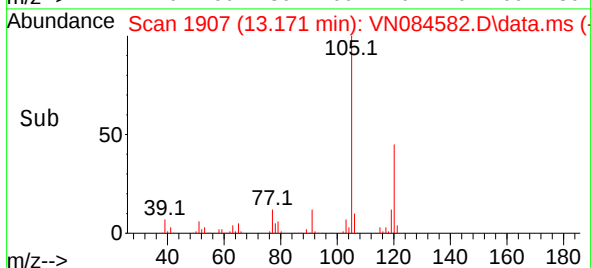
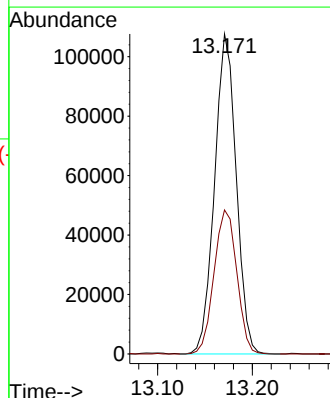
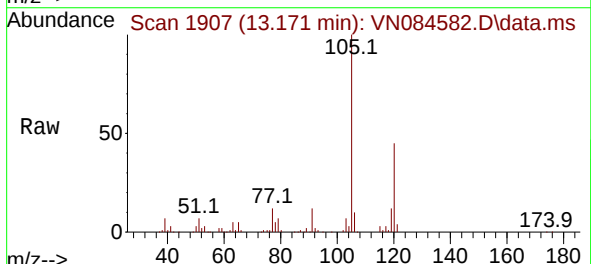
Acq: 30 Oct 2024 21:46

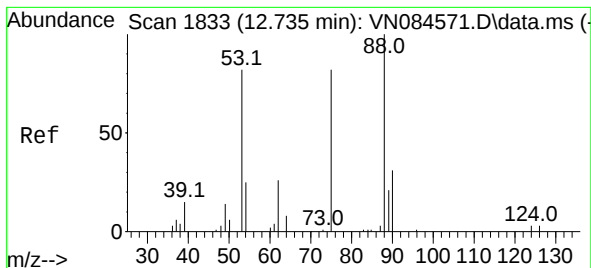
Tgt Ion:105 Resp: 170967

Ion Ratio Lower Upper

105 100

120 47.3 23.7 71.1

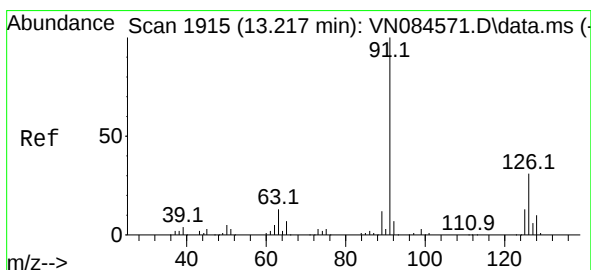
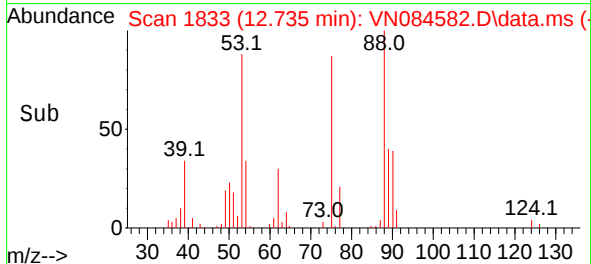
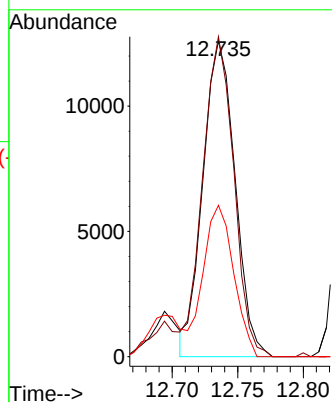
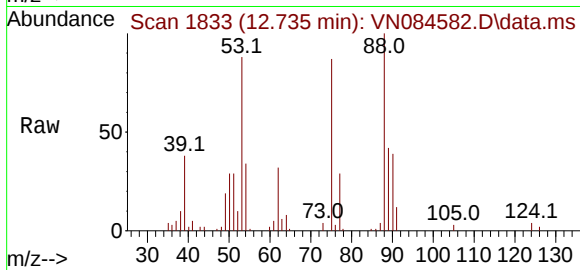




#81
trans-1,4-Dichloro-2-butene
Concen: 19.107 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

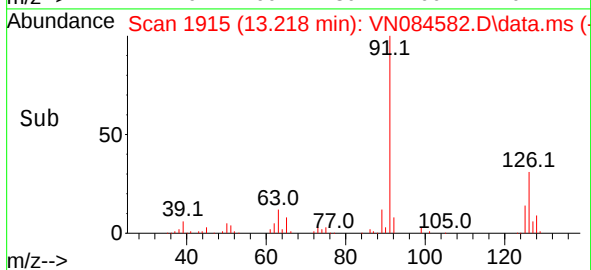
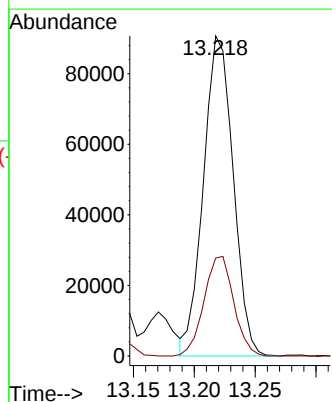
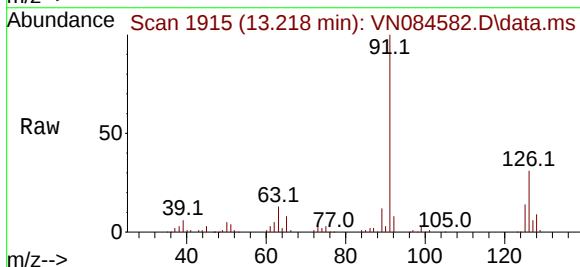
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

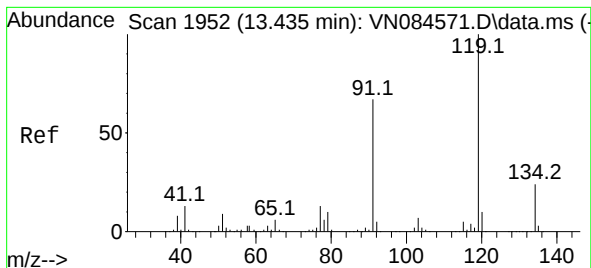
Tgt Ion: 75 Resp: 21477
Ion Ratio Lower Upper
75 100
53 98.1 78.0 117.0
89 45.0 35.5 53.3



#82
4-Chlorotoluene
Concen: 20.504 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084582.D
Acq: 30 Oct 2024 21:46

Tgt Ion: 91 Resp: 154461
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.1





#83

tert-Butylbenzene

Concen: 21.853 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

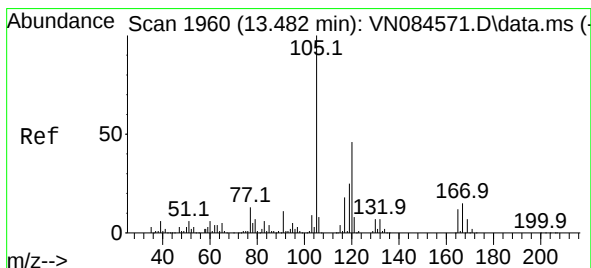
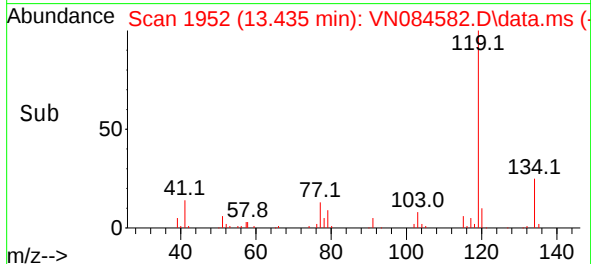
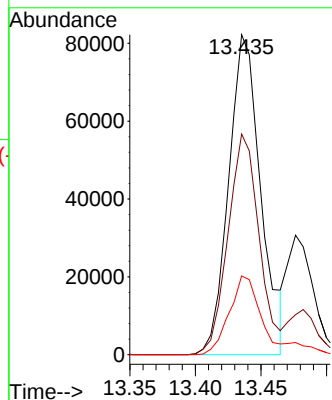
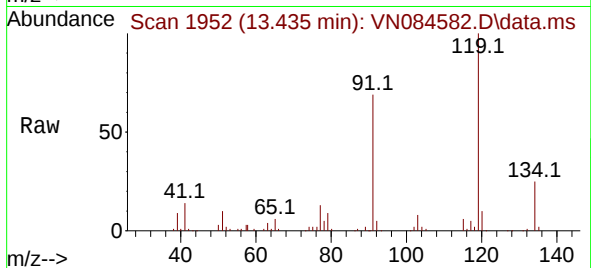
Tgt Ion:119 Resp: 140137

Ion Ratio Lower Upper

119 100

91 67.1 34.1 102.3

134 26.6 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 22.111 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084582.D

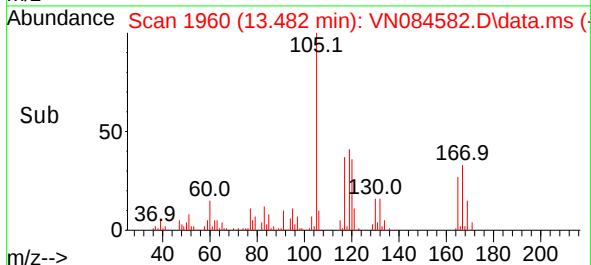
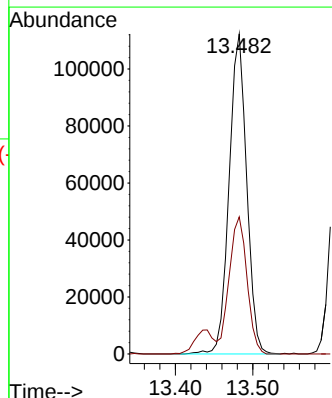
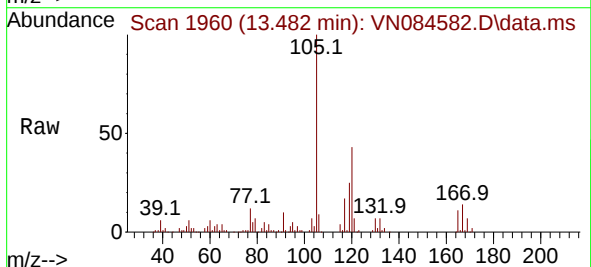
Acq: 30 Oct 2024 21:46

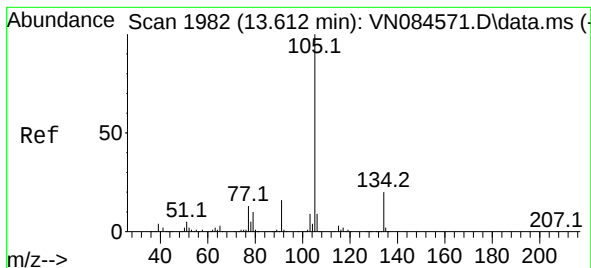
Tgt Ion:105 Resp: 176820

Ion Ratio Lower Upper

105 100

120 43.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.046 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

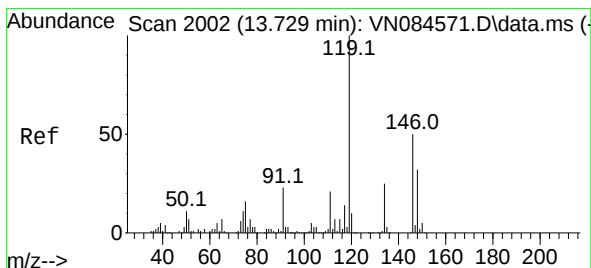
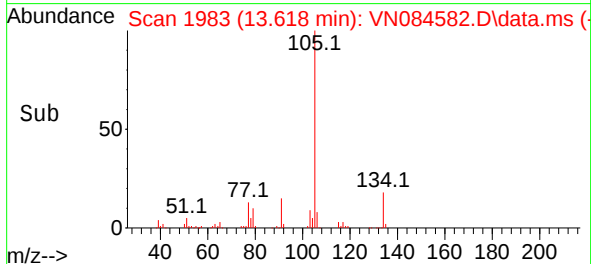
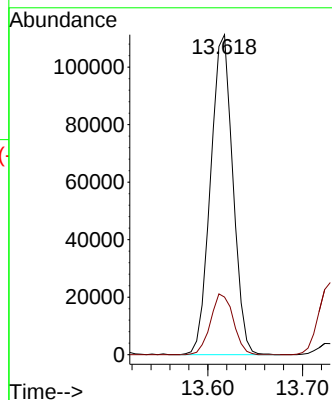
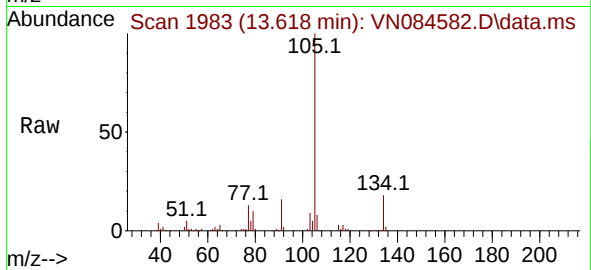
VN1030WBS01

Tgt Ion:105 Resp: 181580

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.524 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

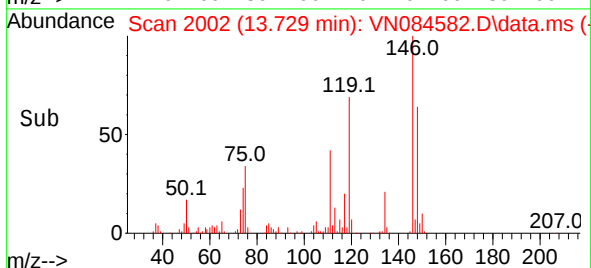
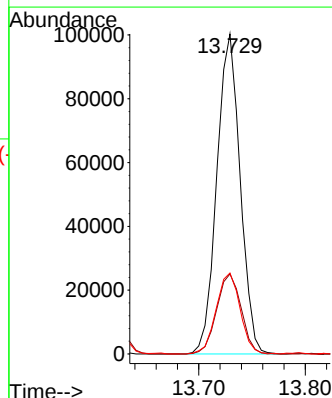
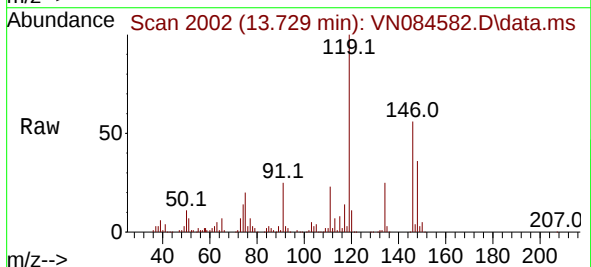
Tgt Ion:119 Resp: 152470

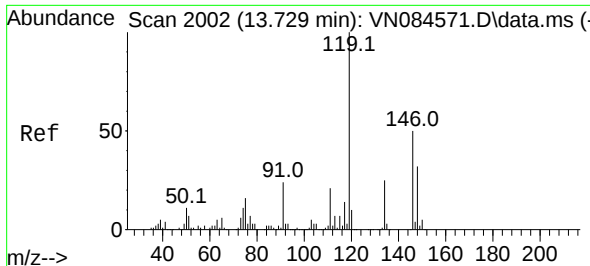
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.484 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

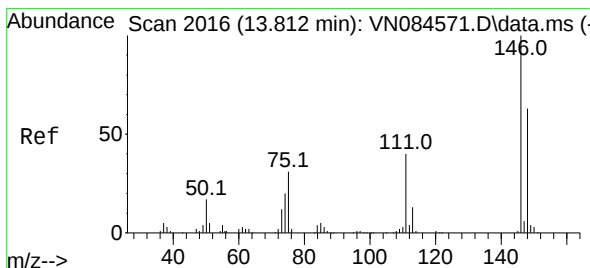
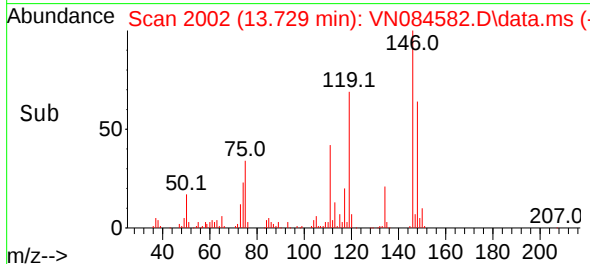
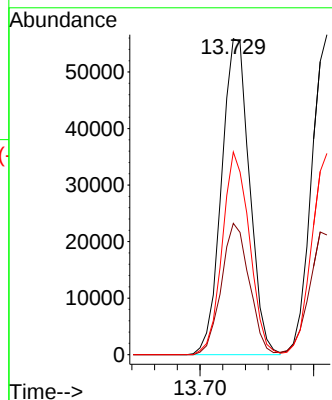
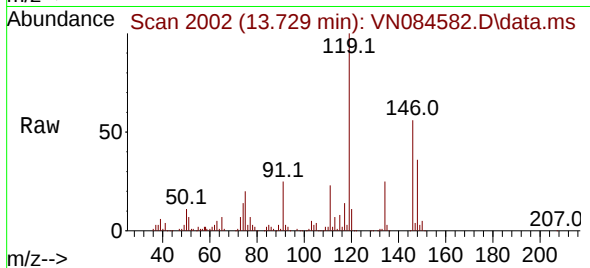
Tgt Ion:146 Resp: 95563

Ion Ratio Lower Upper

146 100

111 41.4 21.8 65.3

148 62.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.522 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

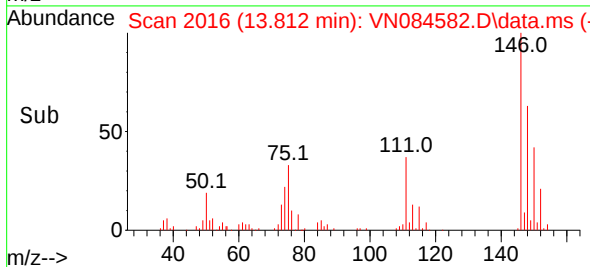
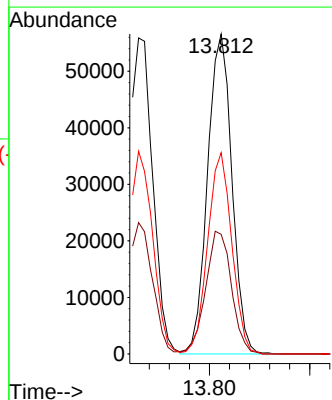
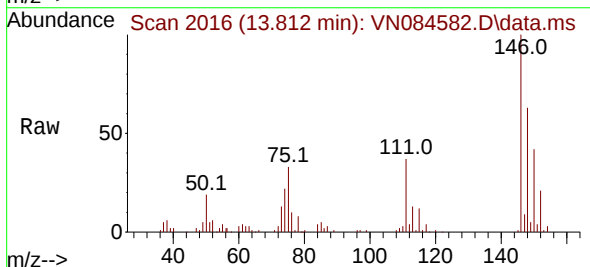
Tgt Ion:146 Resp: 95385

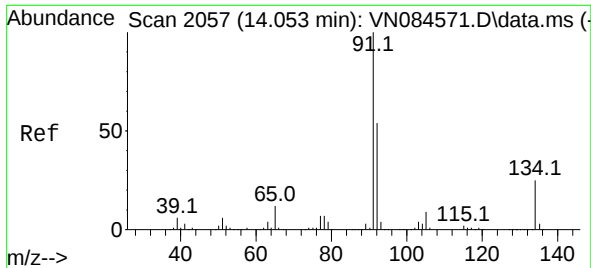
Ion Ratio Lower Upper

146 100

111 40.8 21.2 63.6

148 62.4 31.9 95.9





#89

n-Butylbenzene

Concen: 17.770 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

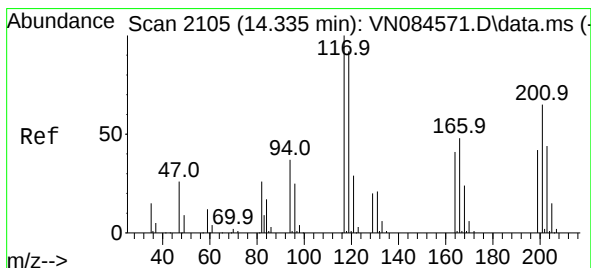
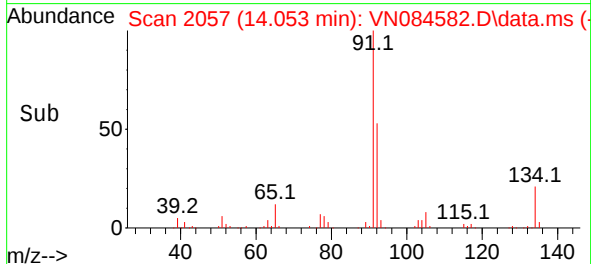
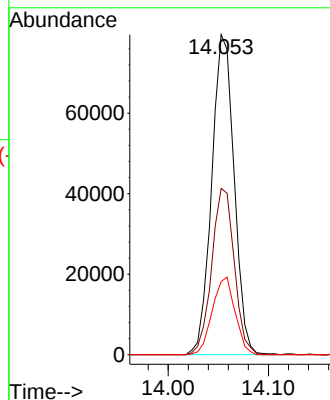
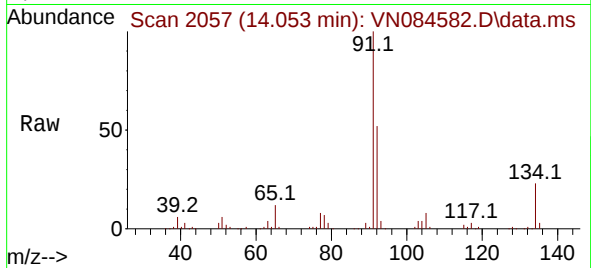
Tgt Ion: 91 Resp: 123487

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 24.6 12.3 36.9



#90

Hexachloroethane

Concen: 18.793 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084582.D

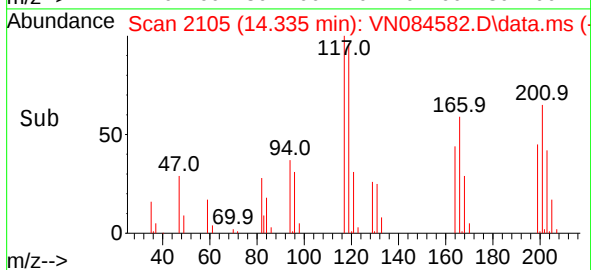
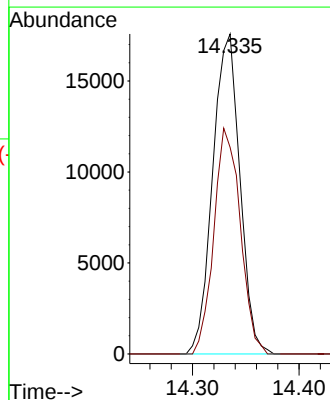
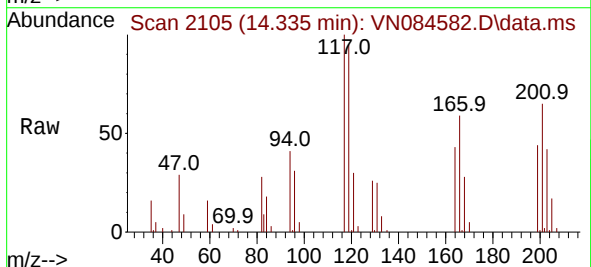
Acq: 30 Oct 2024 21:46

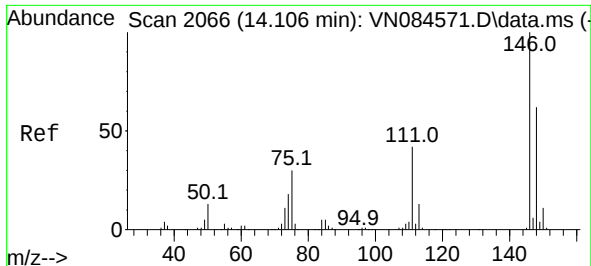
Tgt Ion: 117 Resp: 31135

Ion Ratio Lower Upper

117 100

201 68.6 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 20.662 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

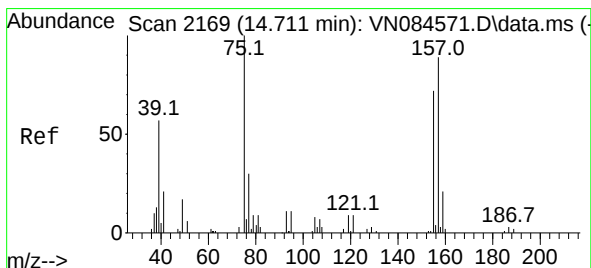
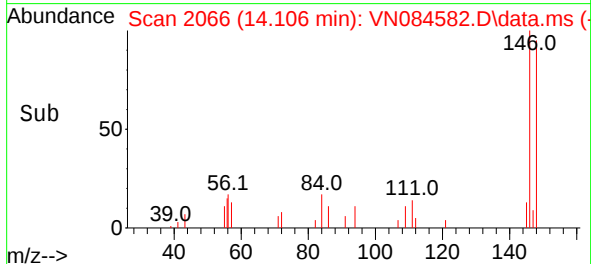
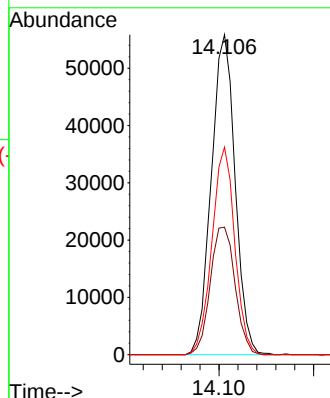
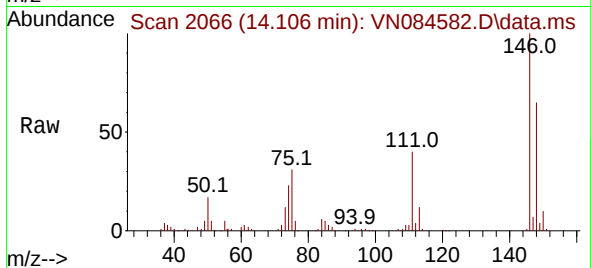
Tgt Ion:146 Resp: 97384

Ion Ratio Lower Upper

146 100

111 41.5 22.0 66.0

148 62.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.115 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

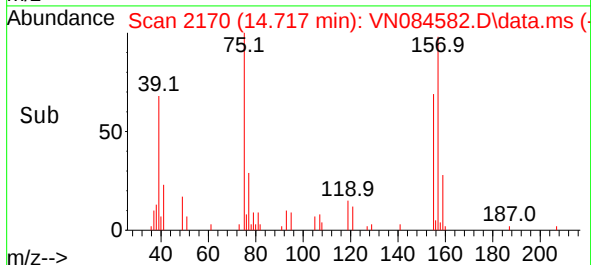
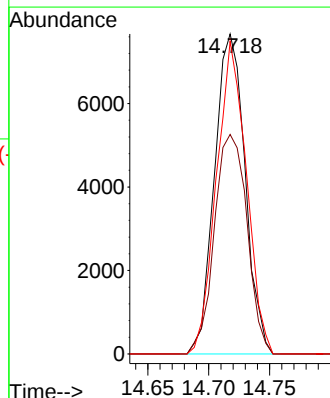
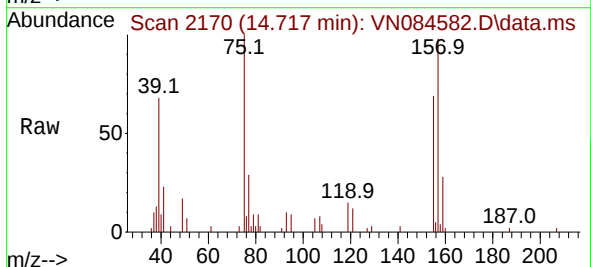
Tgt Ion: 75 Resp: 13348

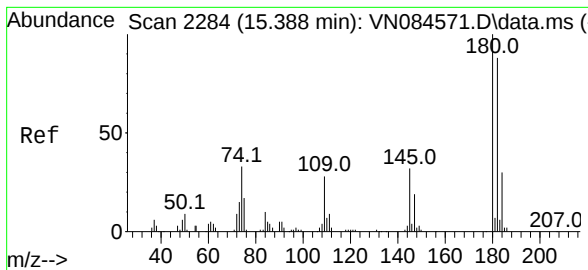
Ion Ratio Lower Upper

75 100

155 73.6 38.1 114.5

157 95.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 17.572 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

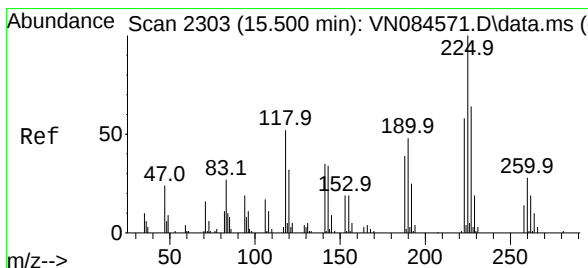
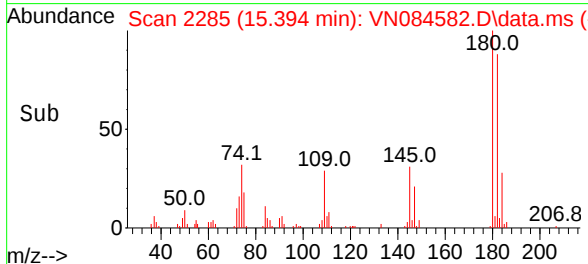
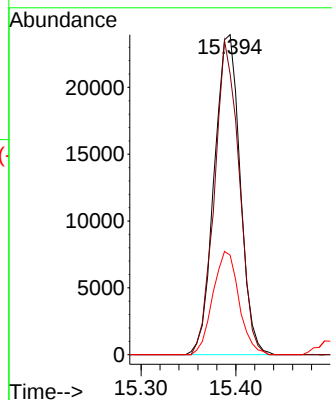
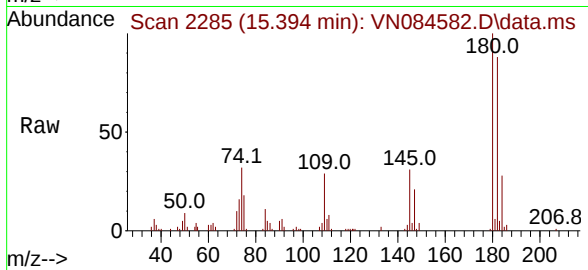
Tgt Ion:180 Resp: 45330

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.0

145 32.6 16.4 49.4



#94

Hexachlorobutadiene

Concen: 15.746 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

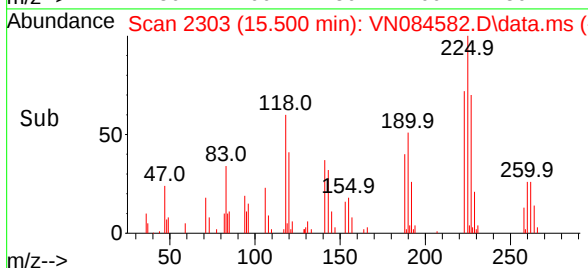
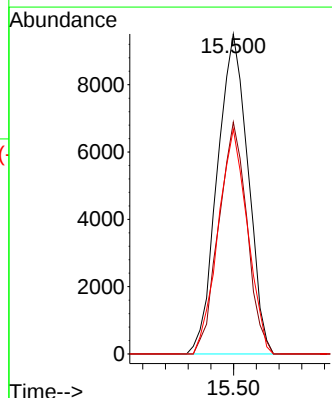
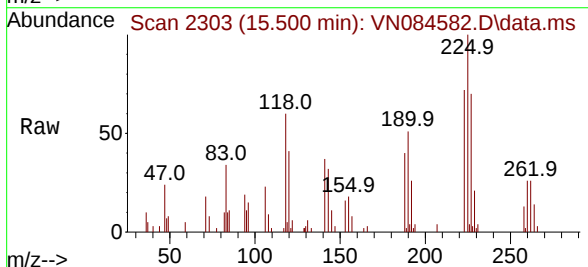
Tgt Ion:225 Resp: 17838

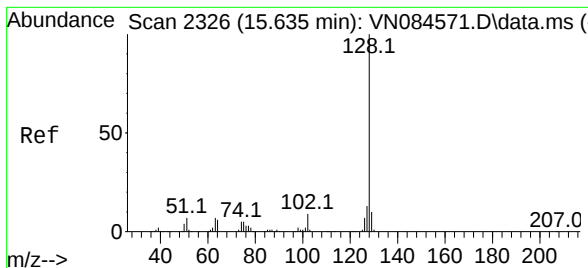
Ion Ratio Lower Upper

225 100

223 66.7 32.4 97.2

227 67.3 32.4 97.0





#95

Naphthalene

Concen: 19.096 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

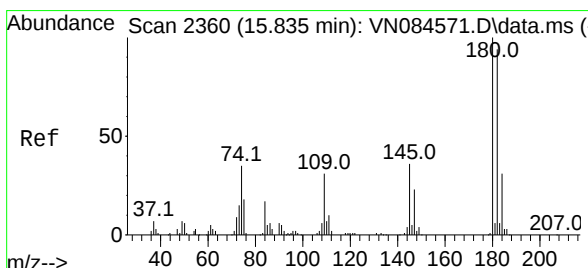
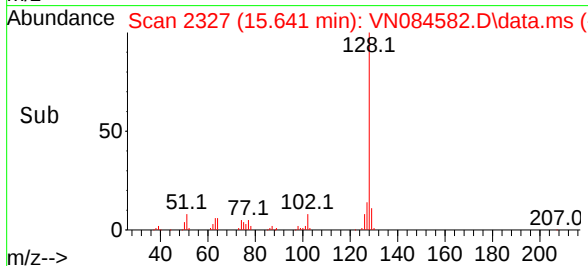
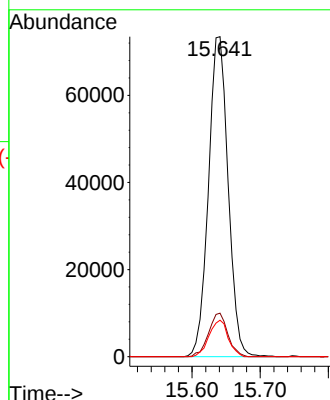
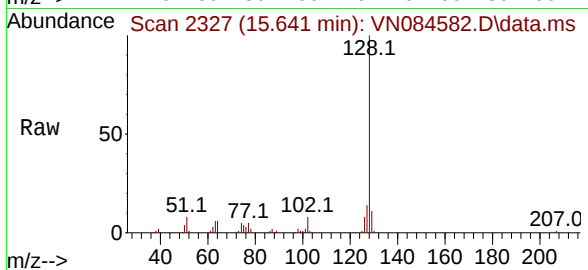
Tgt Ion:128 Resp: 147448

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.144 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084582.D

Acq: 30 Oct 2024 21:46

Tgt Ion:180 Resp: 45436

Ion Ratio Lower Upper

180 100

182 94.4 48.2 144.6

145 34.4 17.3 51.9

