

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086228.D
 Acq On : 04 Apr 2025 12:50
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 04 23:46:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 04 23:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28576	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	157501	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	139269	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83300	29.045	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.833%		
60) 4-Bromofluorobenzene	12.847	95	77311	29.794	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.300%		
63) Toluene-d8	10.565	98	236679	30.463	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.533%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	12353	6.379	ug/l	98
3) Chloromethane	2.359	50	14521	6.903	ug/l	98
4) Vinyl Chloride	2.518	62	13097	6.686	ug/l	95
5) Bromomethane	2.959	94	7250	7.136	ug/l	97
6) Chloroethane	3.118	64	8020	6.860	ug/l	97
7) Trichlorofluoromethane	3.501	101	19234	7.335	ug/l	85
8) Diethyl Ether	3.953	74	6170	7.060	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	10918	7.486	ug/l	73
10) 1,1-Dichloroethene	4.348	96	10305	7.239	ug/l	94
11) Methyl Iodide	4.583	142	12771	6.994	ug/l	94
12) Methyl Acetate	5.018	43	13890	7.384	ug/l #	86
13) Acrolein	4.177	56	9525	46.357	ug/l	84
14) Acrylonitrile	5.718	53	26607	36.285	ug/l	88
15) Acetone	4.424	58	8073	35.291	ug/l	85
16) Carbon Disulfide	4.706	76	34446	7.553	ug/l	99
17) Allyl chloride	5.018	41	13958	7.049	ug/l	89
18) Methylene Chloride	5.265	84	11702	6.856	ug/l #	90
19) trans-1,2-Dichloroethene	5.783	96	11726	7.627	ug/l #	85
20) Diisopropyl ether	6.665	45	30979	7.452	ug/l	91
21) 1,1-Dichloroethane	6.565	63	21597	7.623	ug/l #	92
22) cis-1,2-Dichloroethene	7.489	96	12934	7.093	ug/l	94
23) tert-Butyl Alcohol	5.506	59	9572	35.748	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	33307	7.162	ug/l	96
25) Chloroform	7.965	83	22800	7.669	ug/l	98
26) Cyclohexane	8.259	56	15623	6.850	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	14562	7.368	ug/l	96
30) 2-Butanone	7.483	43	31934	36.754	ug/l	99
31) 2,2-Dichloropropane	7.489	77	18634	7.652	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	20301	7.596	ug/l	99
33) Carbon Tetrachloride	8.359	117	17184	7.539	ug/l	94
34) Benzene	8.600	78	47900	7.299	ug/l #	88
35) Methacrylonitrile	7.771	41	6805	7.015	ug/l	91
36) 1,2-Dichloroethane	8.665	62	16429	7.538	ug/l	99
37) Trichloroethene	9.347	130	12690	8.074	ug/l	83
38) Methylcyclohexane	9.600	83	14929	7.199	ug/l	98
39) 1,2-Dichloropropane	9.618	63	11861	7.800	ug/l	98
40) Dibromomethane	9.706	93	8134	7.249	ug/l	92
41) Bromodichloromethane	9.888	83	17446	7.741	ug/l	99
42) Vinyl Acetate	6.600	43	106269	34.321	ug/l	99

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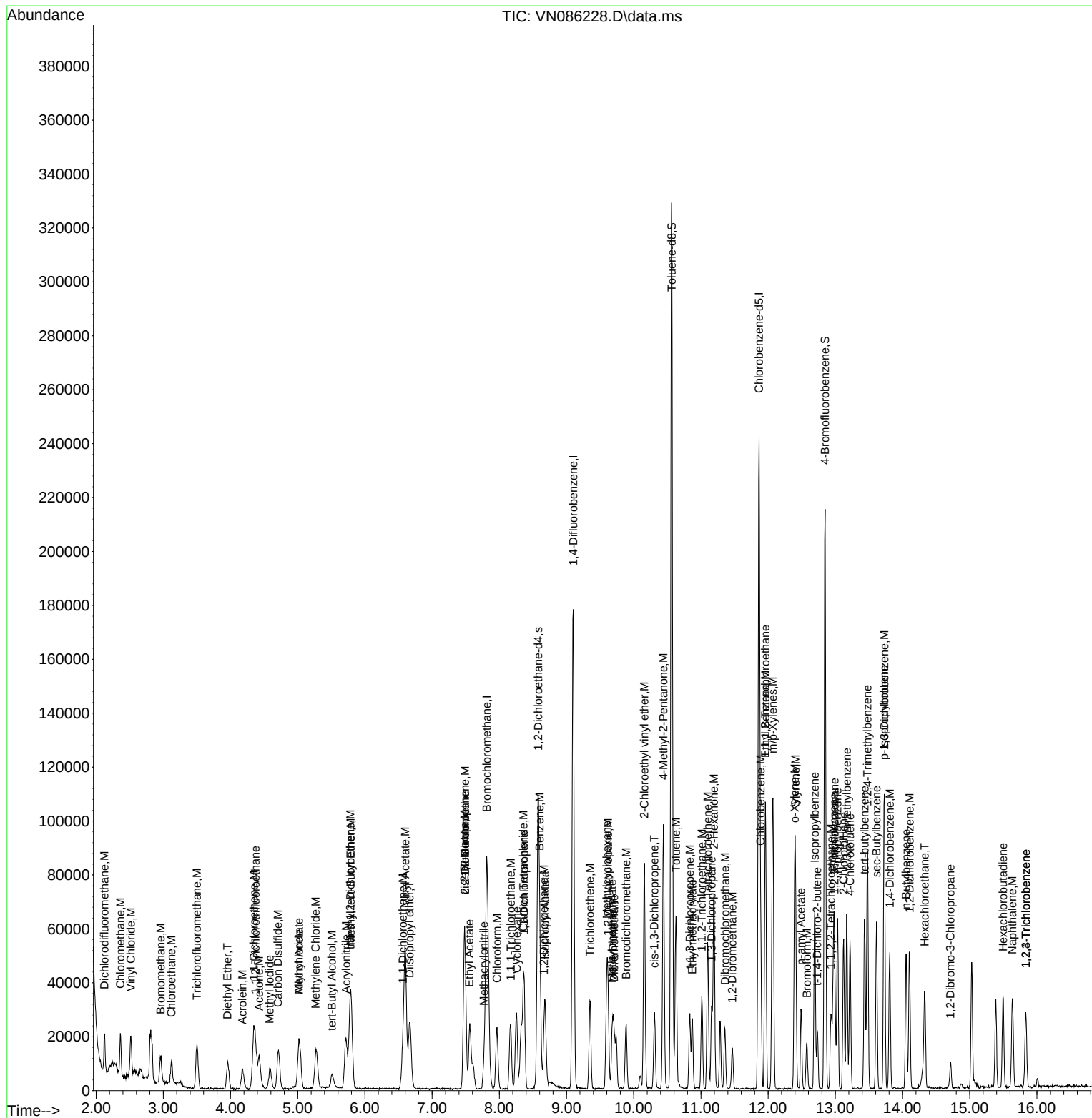
Quant Time: Apr 04 23:46:36 2025
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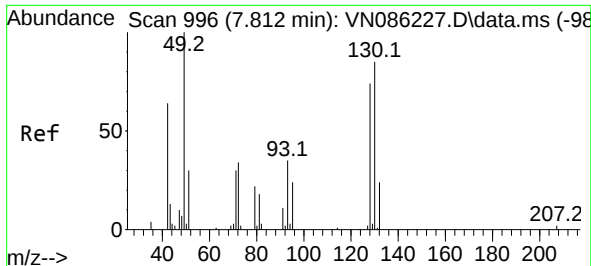
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	11407	6.385	ug/l #	86
44) Isopropyl Acetate	8.683	43	22903	7.103	ug/l #	77
45) 1,4-Dioxane	9.688	88	4405	149.018	ug/l #	64
46) Methyl methacrylate	9.677	41	9093	6.885	ug/l	94
47) n-amyl Acetate	12.488	43	14928	6.776	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	17374	7.481	ug/l	95
49) cis-1,3-Dichloropropene	10.306	75	18193	7.250	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	11198	7.633	ug/l	92
51) Ethyl methacrylate	10.871	69	14936	7.172	ug/l	95
52) 1,3-Dichloropropane	11.159	76	18734	7.330	ug/l	99
53) Dibromochloromethane	11.359	129	13227	7.744	ug/l	89
54) 1,2-Dibromoethane	11.465	107	10832	7.196	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	38388	40.197	ug/l	99
56) Bromoform	12.576	173	8549	7.398	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	61674	37.523	ug/l	98
59) 2-Hexanone	11.194	43	44483	37.705	ug/l	98
61) Tetrachloroethene	11.100	164	12164	7.484	ug/l	95
62) Toluene	10.630	91	48987	7.705	ug/l	99
64) Chlorobenzene	11.888	112	31406	7.917	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	11868	8.130	ug/l	99
66) Ethyl Benzene	11.959	91	47898	7.260	ug/l	95
67) m/p-Xylenes	12.071	106	38134	14.642	ug/l	99
68) o-Xylene	12.394	106	17182	6.835	ug/l	89
69) Styrene	12.406	104	28554	7.123	ug/l	98
70) Isopropylbenzene	12.694	105	43838	6.987	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	14121	7.760	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	20891	11.890	ug/l	52
73) Bromobenzene	12.976	156	12396	7.668	ug/l	96
74) n-propylbenzene	13.029	91	50517	7.033	ug/l	99
75) 2-Chlorotoluene	13.123	91	34680	7.251	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	36607	6.921	ug/l	99
77) t-1,4-Dichloro-2-butene	12.729	75	4970	7.092	ug/l	80
78) 4-Chlorotoluene	13.218	91	34310	7.233	ug/l	100
79) tert-butylbenzene	13.435	119	30057	6.896	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	36302	6.840	ug/l	95
81) sec-Butylbenzene	13.612	105	42677	7.149	ug/l	99
82) p-Isopropyltoluene	13.723	119	34002	6.961	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	22025	7.501	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	22559	7.871	ug/l	95
85) n-Butylbenzene	14.053	91	28866	7.319	ug/l	97
86) Hexachloroethane	14.329	117	6454	7.457	ug/l	92
87) 1,2-Dichlorobenzene	14.106	146	22329	7.764	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.712	75	3050	7.877	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	11161	7.977	ug/l	95
90) Hexachlorobutadiene	15.494	225	7164	9.340	ug/l	95
91) Naphthalene	15.635	128	33727	7.437	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	11161	7.977	ug/l	95

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

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MSVOA_N
ClientSampleId :
VSTDIC005

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MSVOA_N
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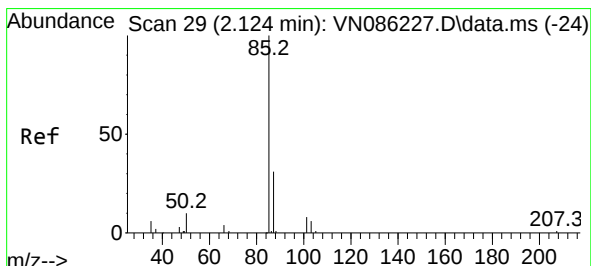
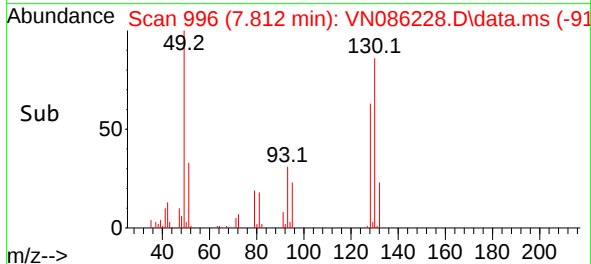
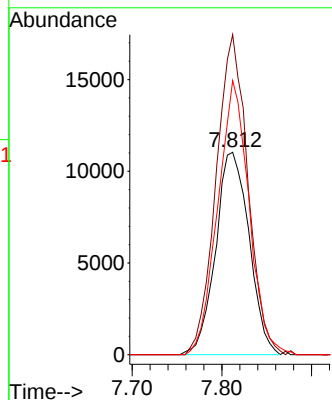
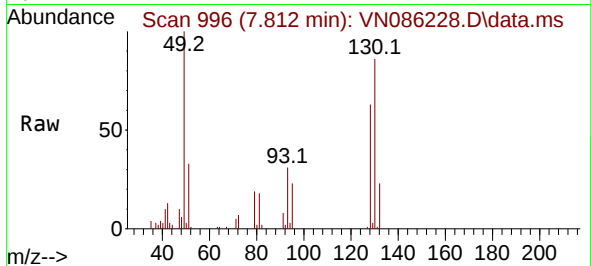




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

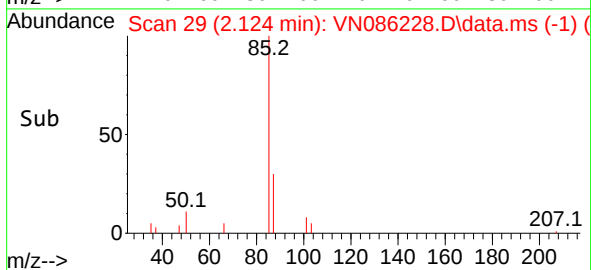
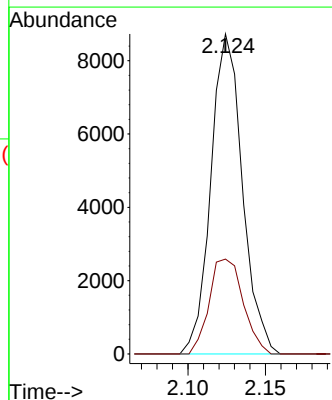
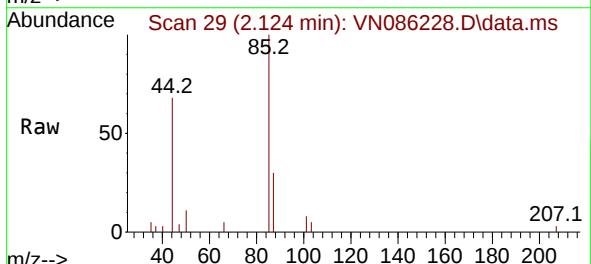
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

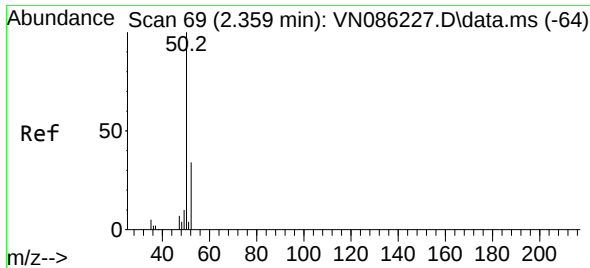
Tgt Ion:128 Resp: 28576
Ion Ratio Lower Upper
128 100
49 149.8 0.0 384.5
130 126.7 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 6.379 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 85 Resp: 12353
Ion Ratio Lower Upper
85 100
87 29.6 15.4 46.2

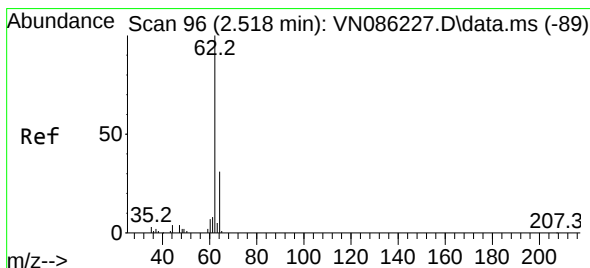
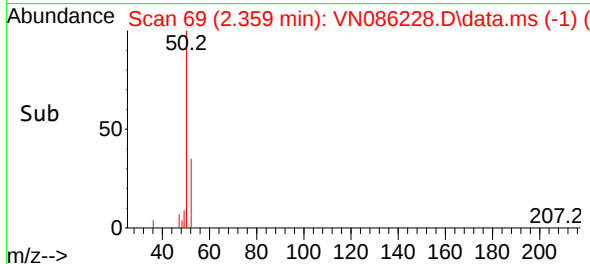
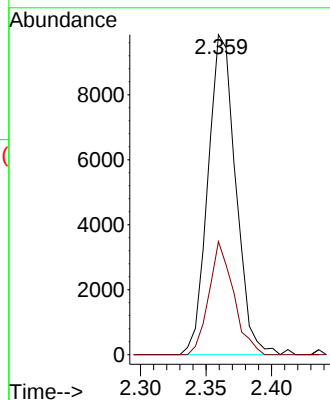
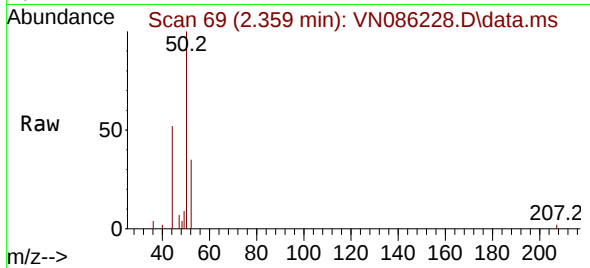




#3
Chloromethane
Concen: 6.903 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

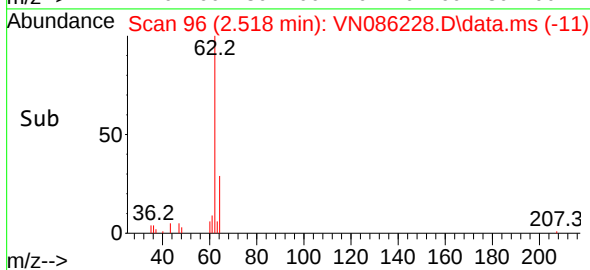
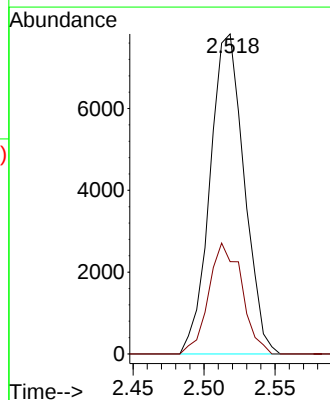
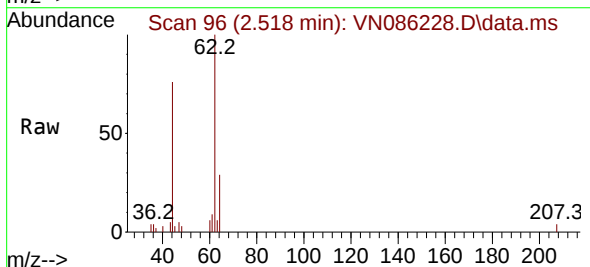
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

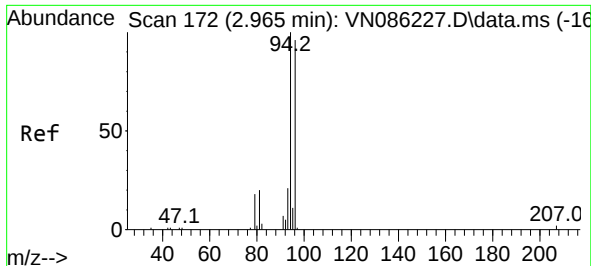
Tgt Ion: 50 Resp: 14521
Ion Ratio Lower Upper
50 100
52 35.4 27.5 41.3



#4
Vinyl Chloride
Concen: 6.686 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 62 Resp: 13097
Ion Ratio Lower Upper
62 100
64 28.9 25.1 37.7

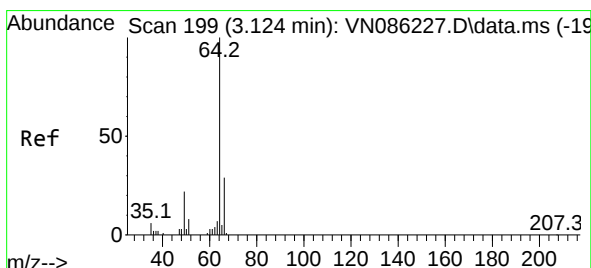
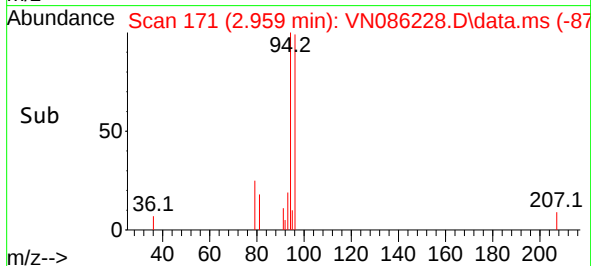
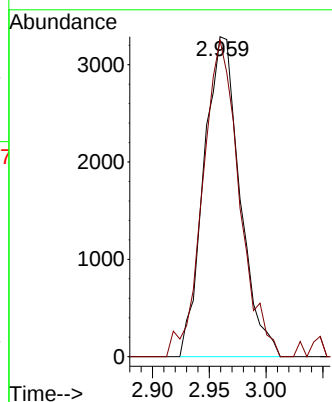
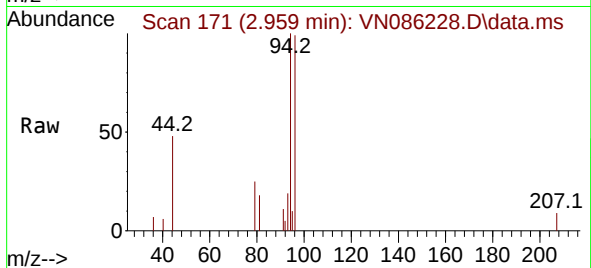




#5
Bromomethane
Concen: 7.136 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

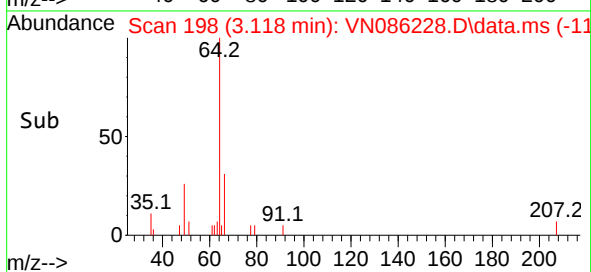
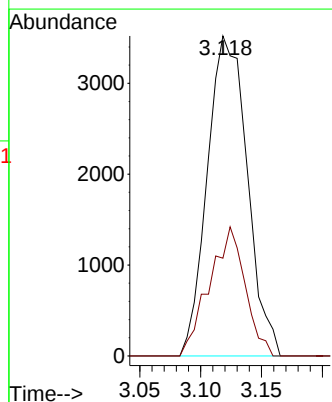
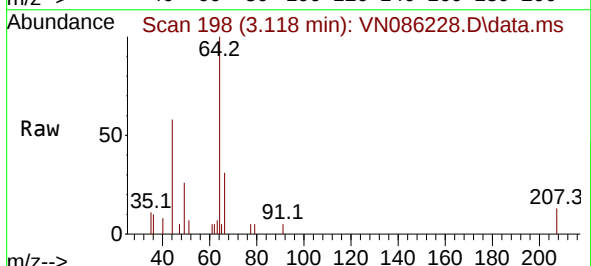
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ClientSampleId :
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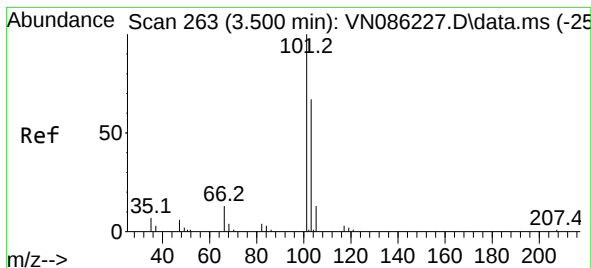
Tgt Ion: 94 Resp: 7250
Ion Ratio Lower Upper
94 100
96 98.8 77.0 115.4



#6
Chloroethane
Concen: 6.860 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 64 Resp: 8020
Ion Ratio Lower Upper
64 100
66 30.6 23.4 35.0





#7

Trichlorofluoromethane

Concen: 7.335 ug/l

RT: 3.501 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

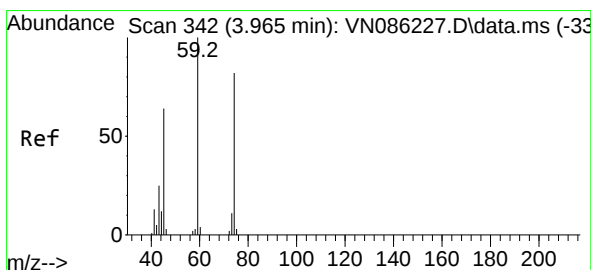
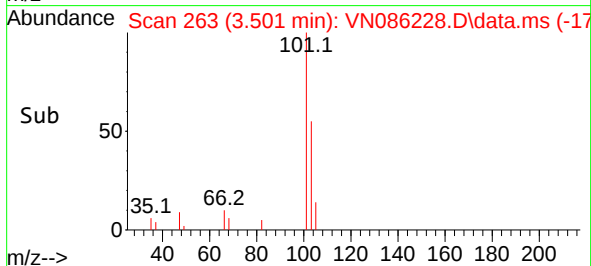
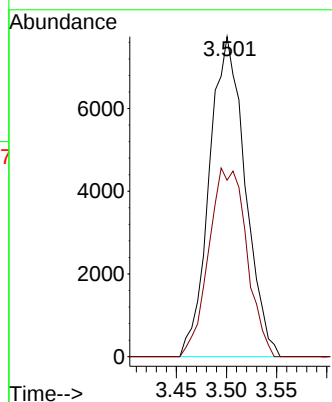
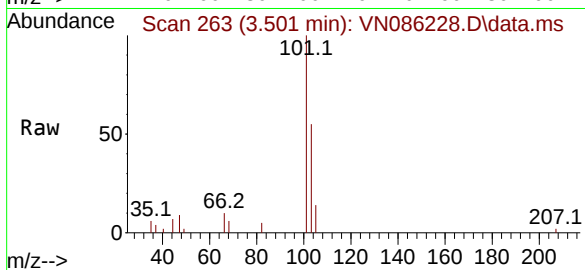
VSTDICC005

Tgt Ion:101 Resp: 19234

Ion Ratio Lower Upper

101 100

103 55.1 53.4 80.2



#8

Diethyl Ether

Concen: 7.060 ug/l

RT: 3.953 min Scan# 340

Delta R.T. -0.012 min

Lab File: VN086228.D

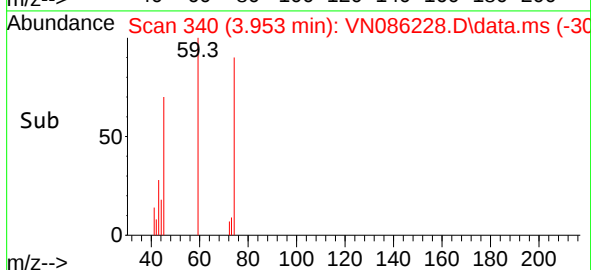
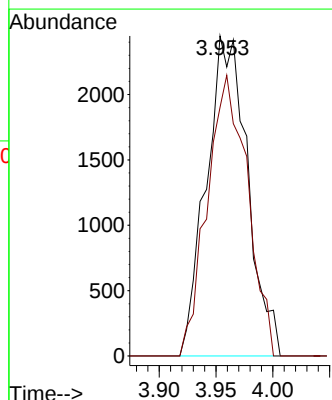
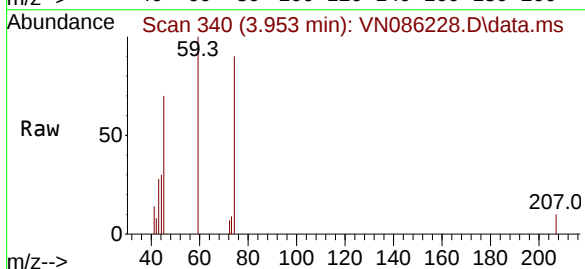
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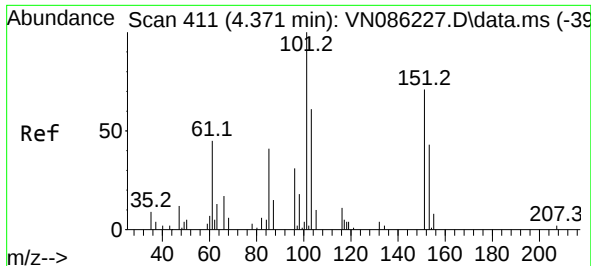
Tgt Ion: 74 Resp: 6170

Ion Ratio Lower Upper

74 100

45 85.5 16.5 148.5

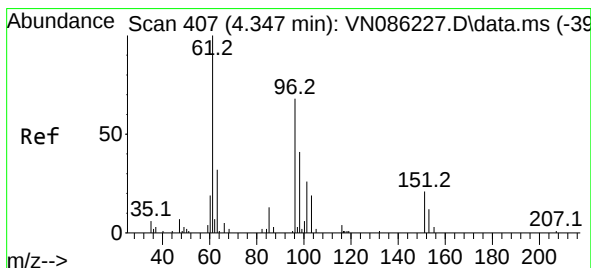
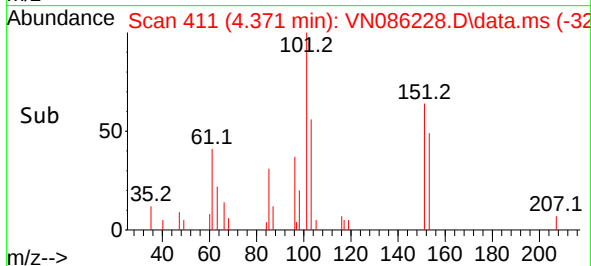
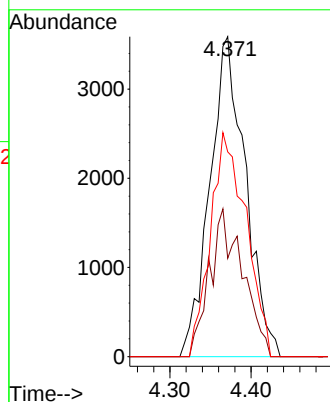
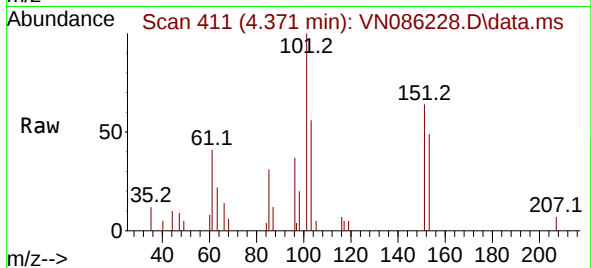




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.486 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086228.D
 Acq: 04 Apr 2025 12:50

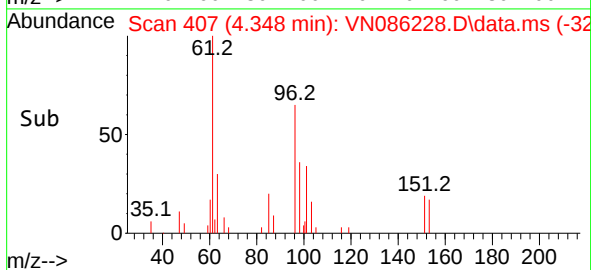
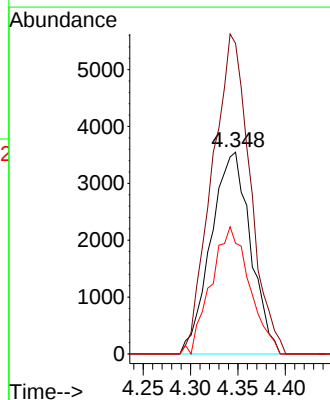
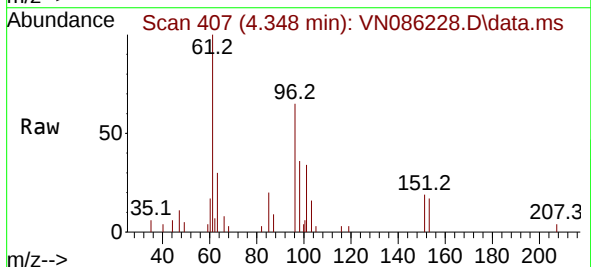
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

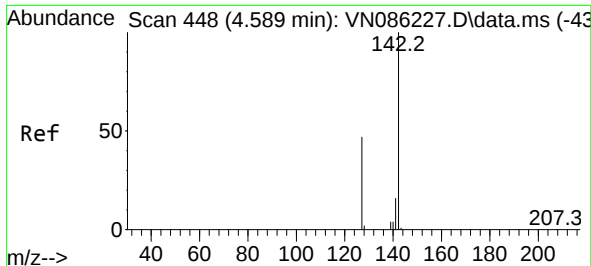
Tgt Ion:	101	Resp:	10918
Ion	Ratio	Lower	Upper
101	100		
85	23.6	0.0	89.2
151	55.3	0.0	152.2



#10
 1,1-Dichloroethene
 Concen: 7.239 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: VN086228.D
 Acq: 04 Apr 2025 12:50

Tgt Ion:	96	Resp:	10305
Ion	Ratio	Lower	Upper
96	100		
61	153.9	117.0	175.6
98	54.8	47.8	71.8

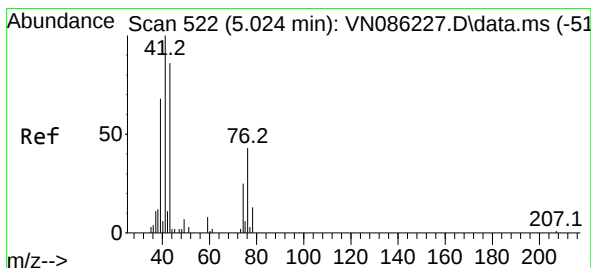
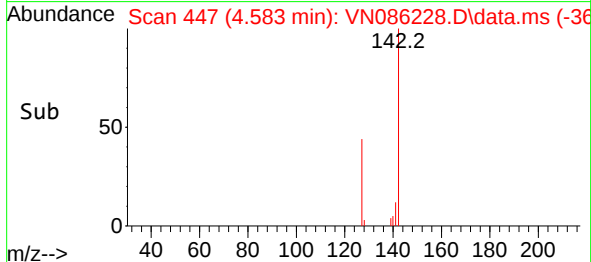
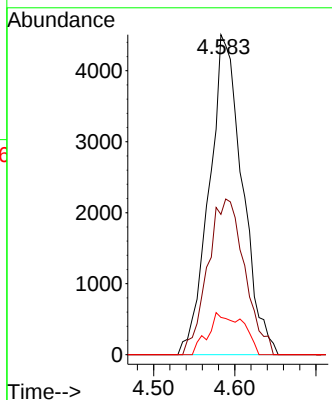
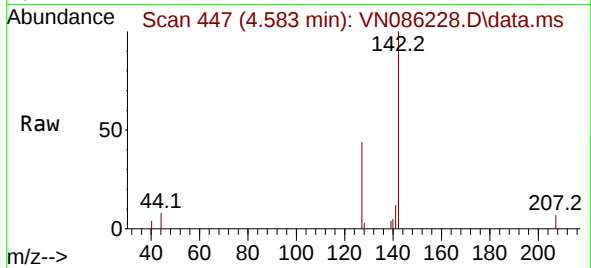




#11
Methyl Iodide
Concen: 6.994 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

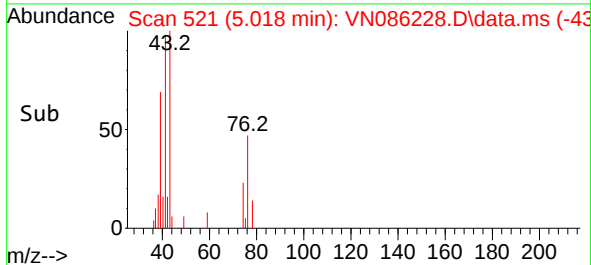
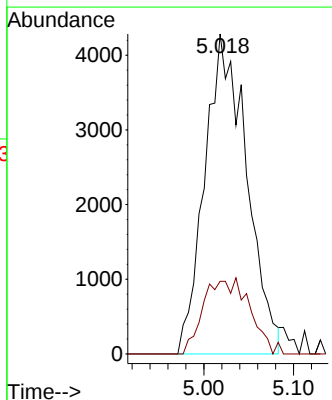
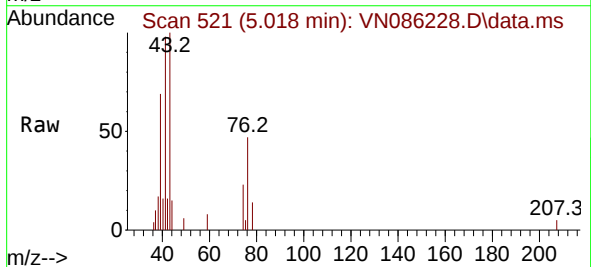
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

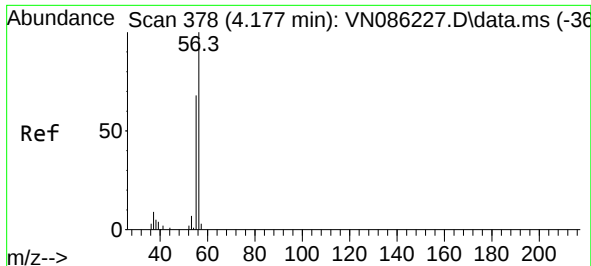
Tgt Ion:142 Resp: 12771
Ion Ratio Lower Upper
142 100
127 43.9 23.6 71.0
141 11.7 8.0 24.0



#12
Methyl Acetate
Concen: 7.384 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 43 Resp: 13890
Ion Ratio Lower Upper
43 100
74 21.8 23.2 34.8#





#13

Acrolein

Concen: 46.357 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

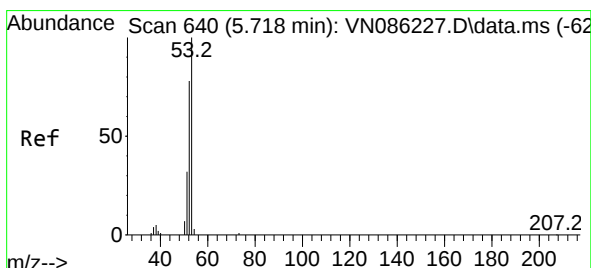
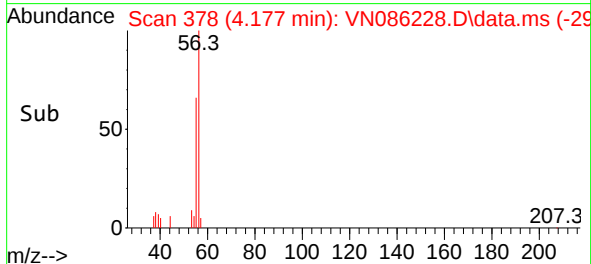
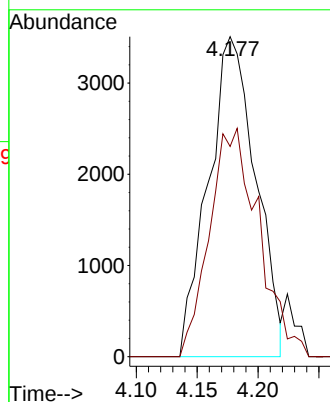
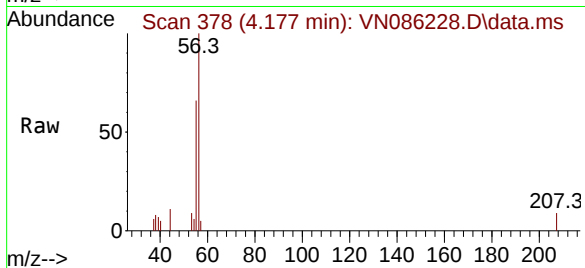
VSTDICC005

Tgt Ion: 56 Resp: 9525

Ion Ratio Lower Upper

56 100

55 57.5 56.8 85.2



#14

Acrylonitrile

Concen: 36.285 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

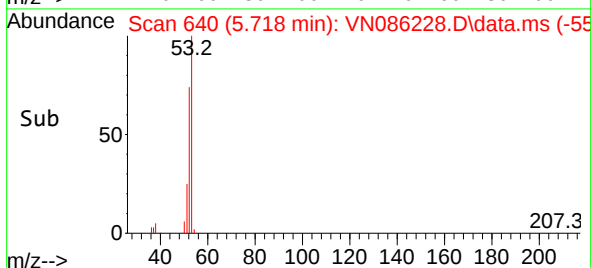
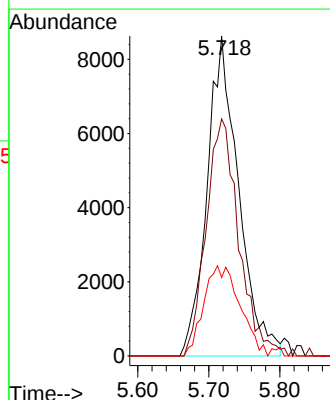
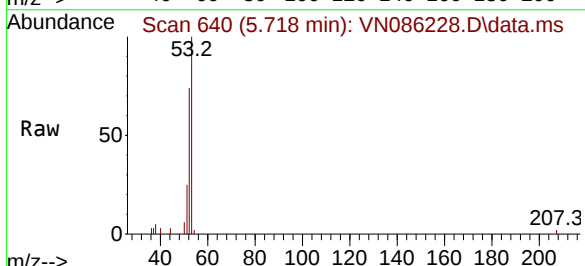
Tgt Ion: 53 Resp: 26607

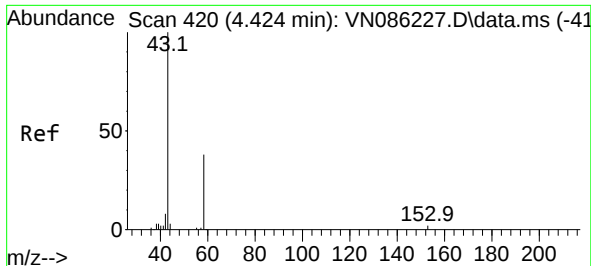
Ion Ratio Lower Upper

53 100

52 76.6 40.6 121.8

51 17.0 16.9 50.7





#15

Acetone

Concen: 35.291 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

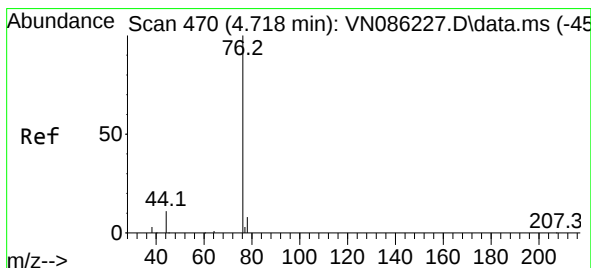
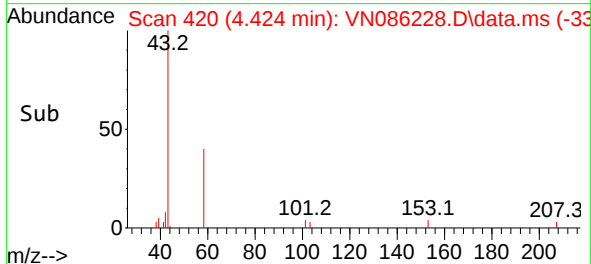
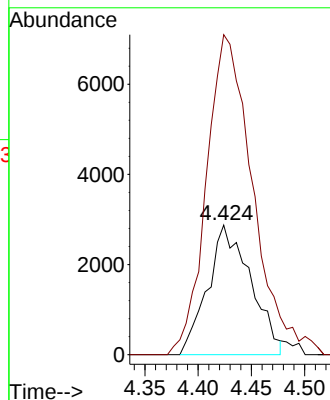
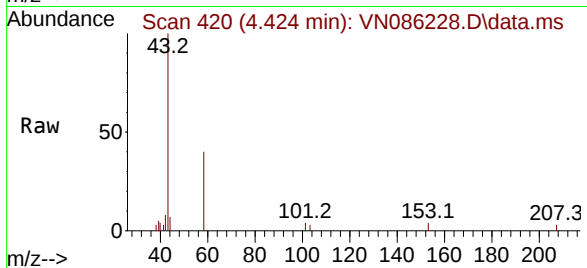
VSTDICC005

Tgt Ion: 58 Resp: 8073

Ion Ratio Lower Upper

58 100

43 235.5 209.6 314.4



#16

Carbon Disulfide

Concen: 7.553 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.012 min

Lab File: VN086228.D

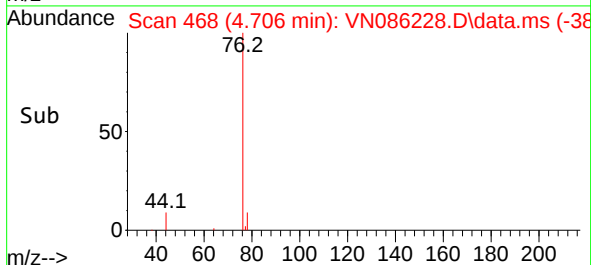
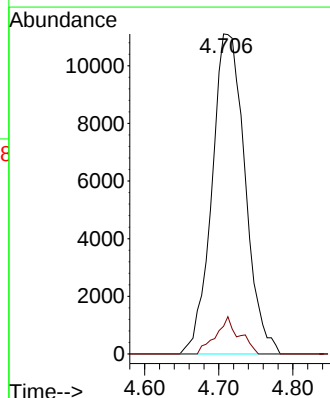
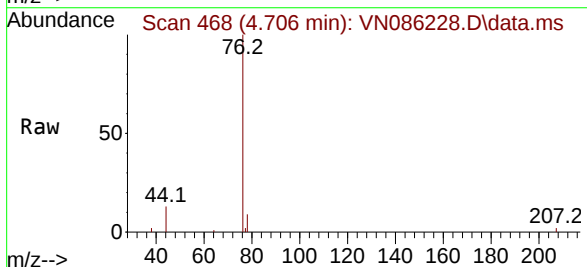
Acq: 04 Apr 2025 12:50

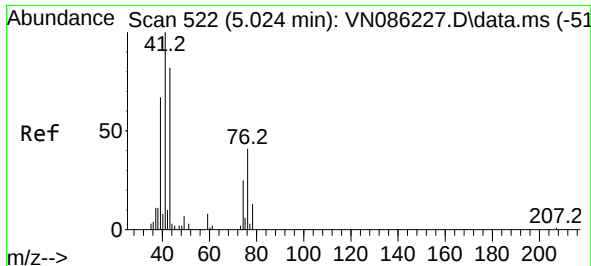
Tgt Ion: 76 Resp: 34446

Ion Ratio Lower Upper

76 100

78 8.7 6.6 9.8





#17

Allyl chloride

Concen: 7.049 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

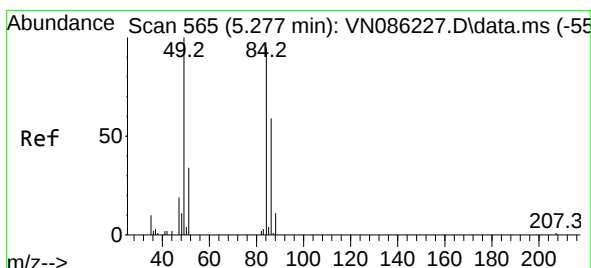
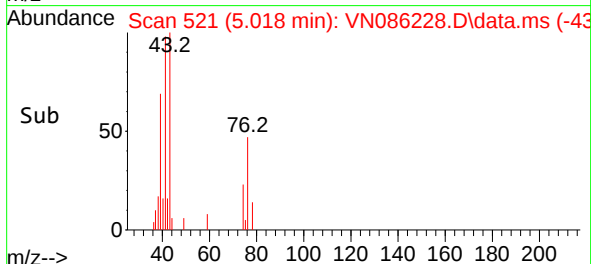
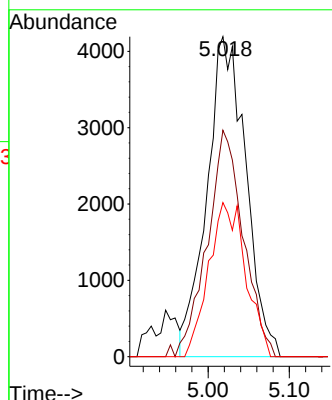
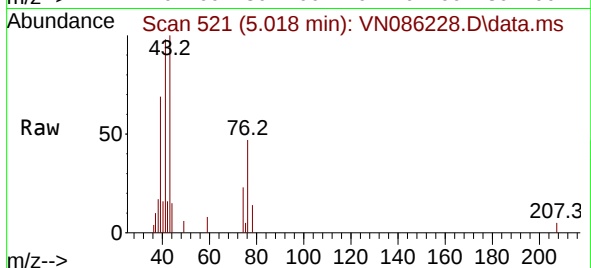
Tgt Ion: 41 Resp: 13958

Ion Ratio Lower Upper

41 100

39 70.8 32.1 96.5

76 48.2 19.6 58.7



#18

Methylene Chloride

Concen: 6.856 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Tgt Ion: 84 Resp: 11702

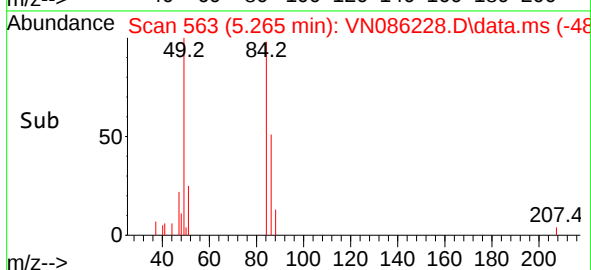
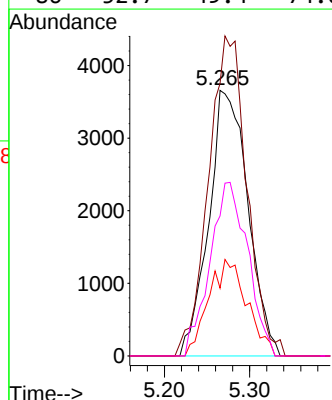
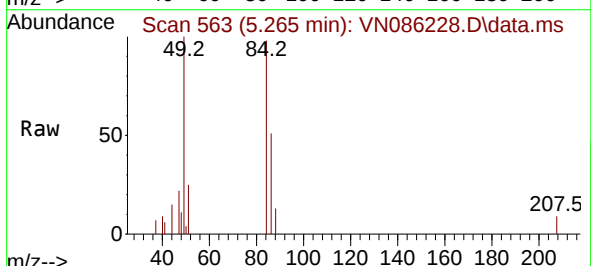
Ion Ratio Lower Upper

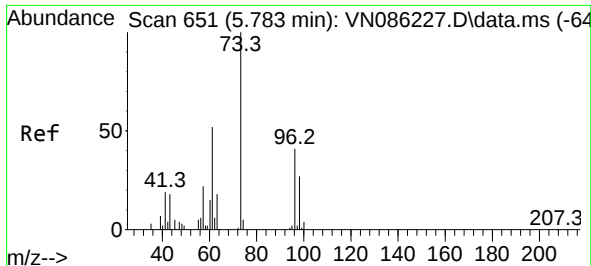
84 100

49 97.9 84.1 126.1

51 25.5 28.9 43.3#

86 52.7 49.4 74.0





#19

trans-1,2-Dichloroethene

Concen: 7.627 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

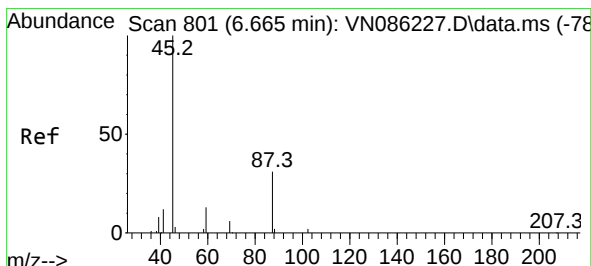
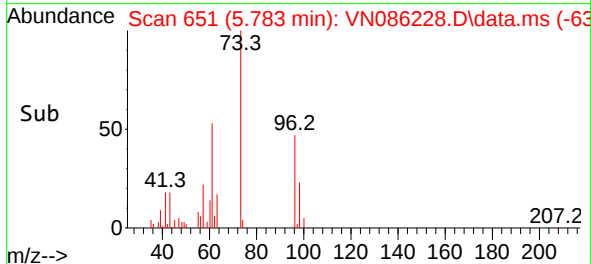
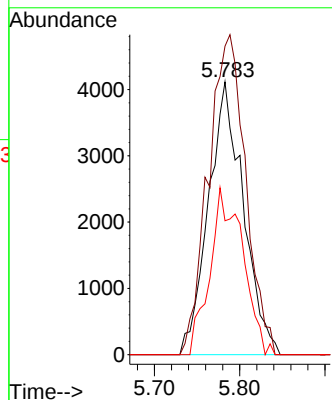
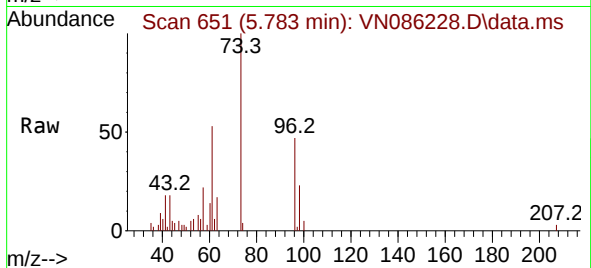
Tgt Ion: 96 Resp: 11726

Ion Ratio Lower Upper

96 100

61 113.1 101.9 152.9

98 49.1 52.3 78.5#



#20

Diisopropyl ether

Concen: 7.452 ug/l

RT: 6.665 min Scan# 801

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Tgt Ion: 45 Resp: 30979

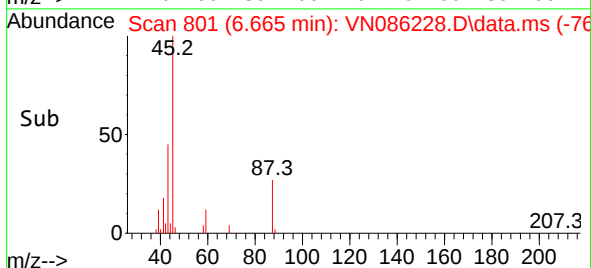
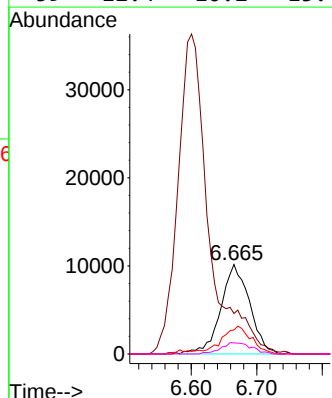
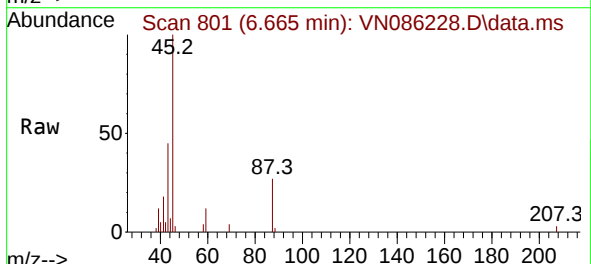
Ion Ratio Lower Upper

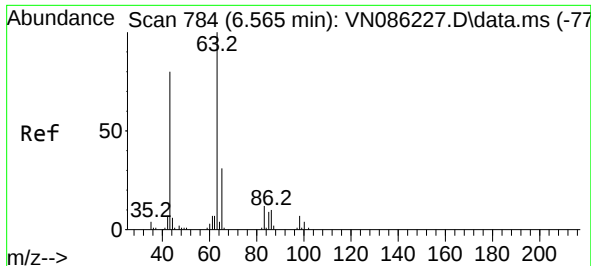
45 100

43 43.2 40.3 60.5

87 26.8 26.5 39.7

59 12.4 10.2 15.4

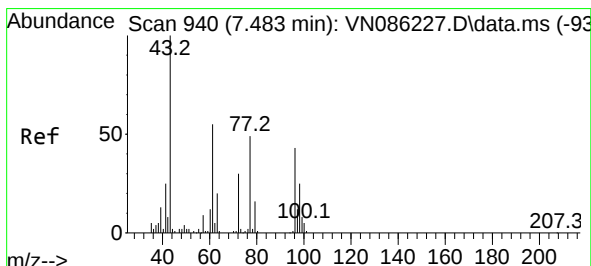
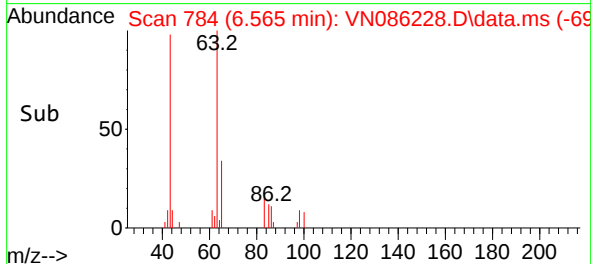
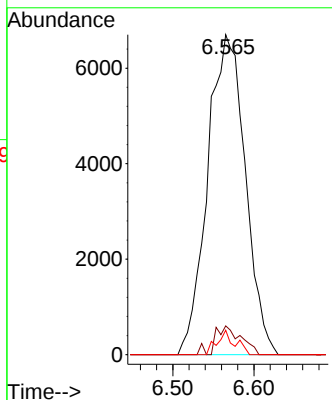
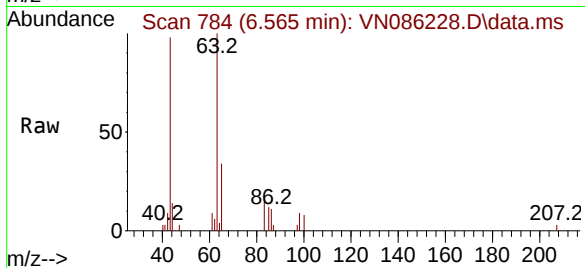




#21
1,1-Dichloroethane
Concen: 7.623 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

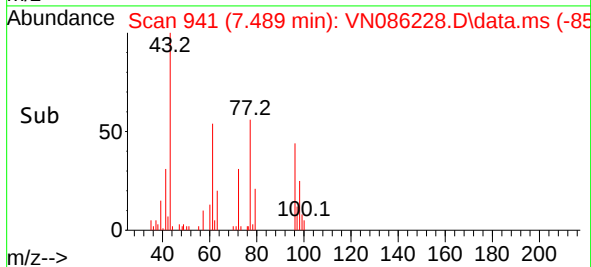
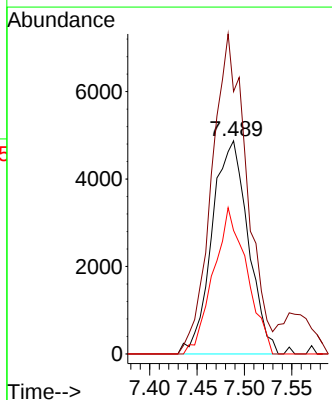
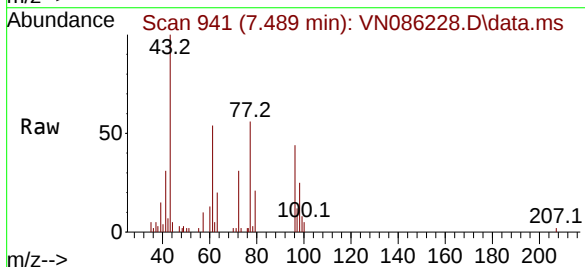
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

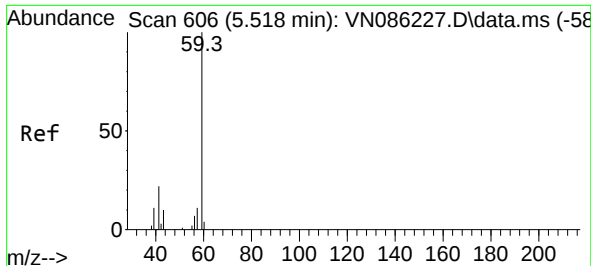
Tgt Ion: 63 Resp: 21597
Ion Ratio Lower Upper
63 100
98 9.0 3.3 9.9
100 7.7 2.1 6.2#



#22
cis-1,2-Dichloroethene
Concen: 7.093 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 96 Resp: 12934
Ion Ratio Lower Upper
96 100
61 145.8 109.7 164.5
98 63.7 49.7 74.5

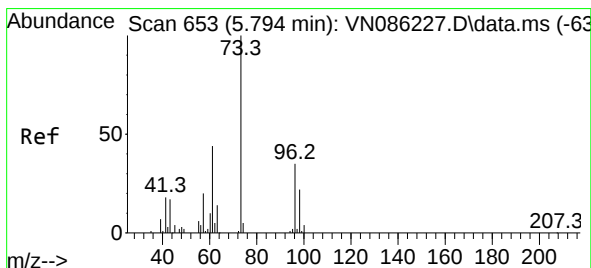
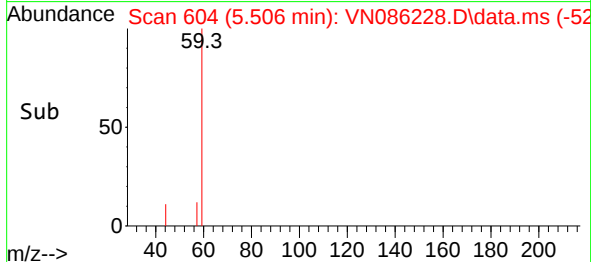
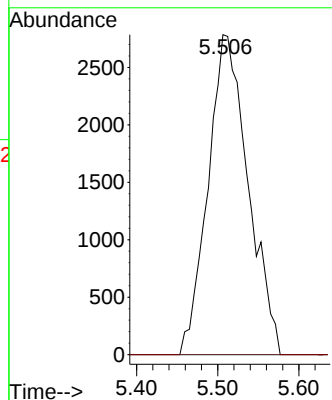
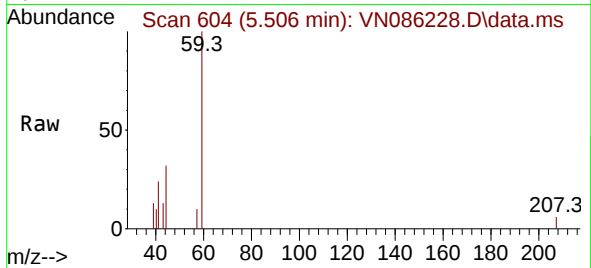




#23
tert-Butyl Alcohol
Concen: 35.748 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

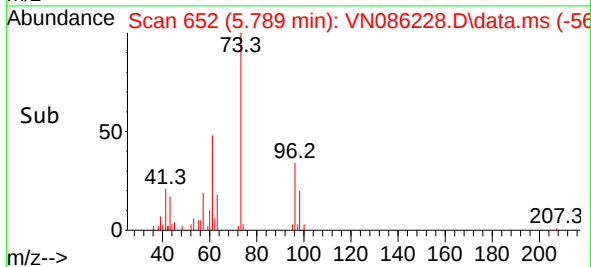
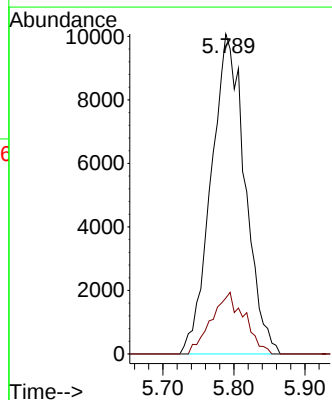
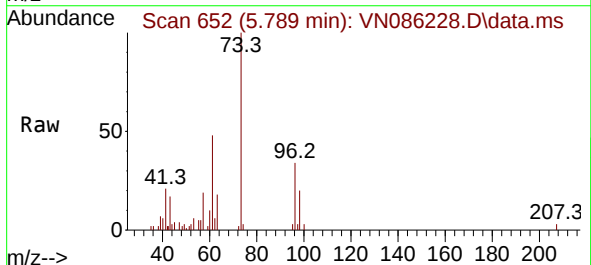
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

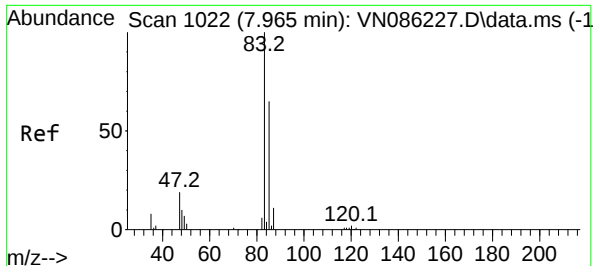
Tgt Ion: 59 Resp: 9572
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 7.162 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 73 Resp: 33307
Ion Ratio Lower Upper
73 100
43 18.9 13.9 20.9





#25

Chloroform

Concen: 7.669 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

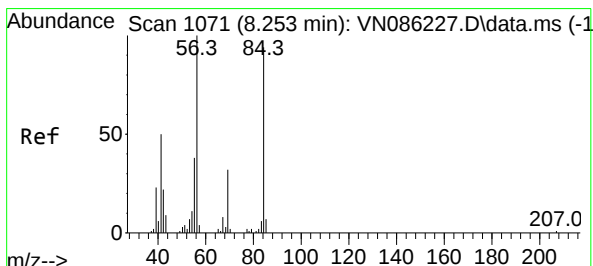
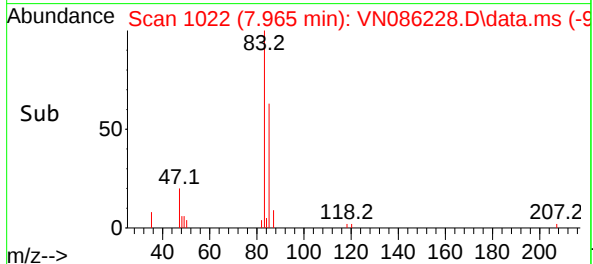
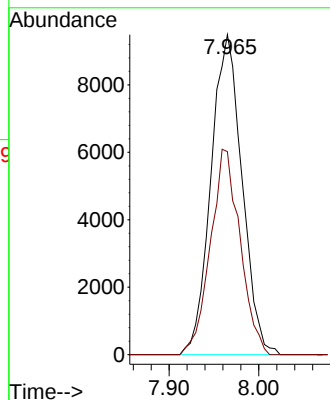
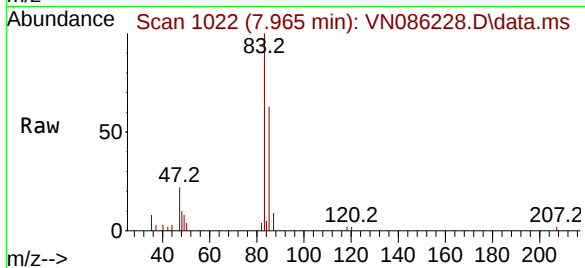
VSTDIC005

Tgt Ion: 83 Resp: 22800

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6



#26

Cyclohexane

Concen: 6.850 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

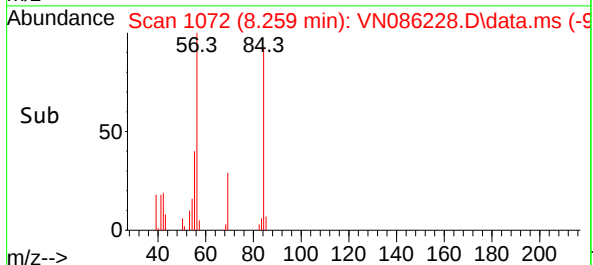
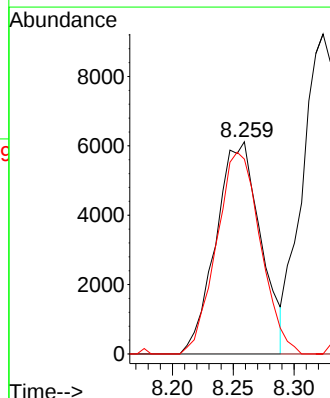
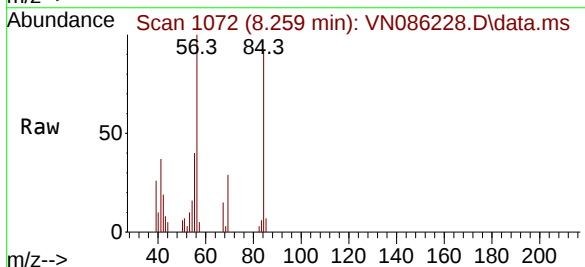
Tgt Ion: 56 Resp: 15623

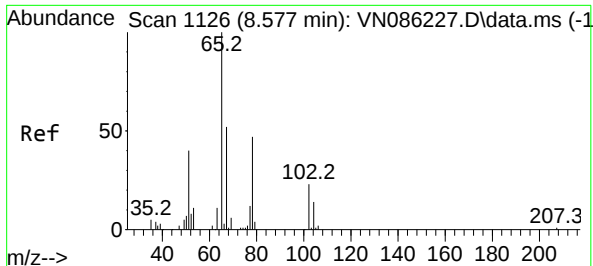
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.6 74.3 111.5





#27

1,2-Dichloroethane-d4

Concen: 29.045 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

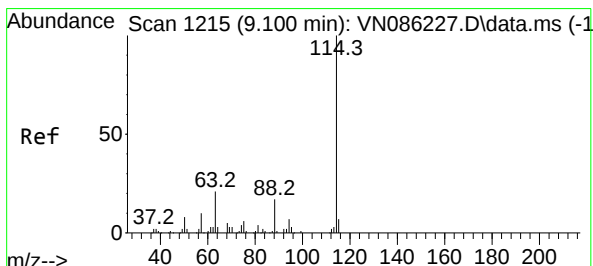
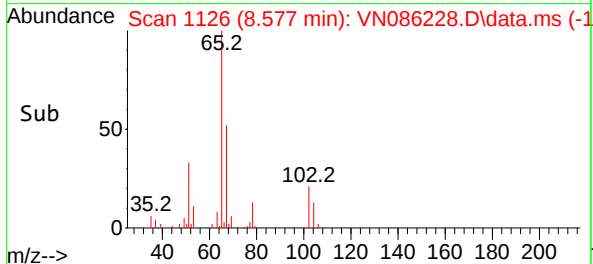
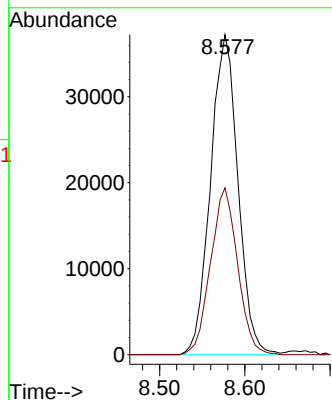
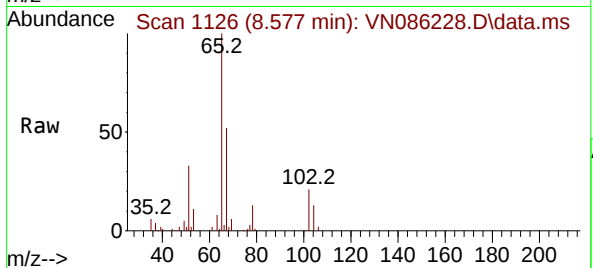
VSTDIC005

Tgt Ion: 65 Resp: 83300

Ion Ratio Lower Upper

65 100

67 51.3 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

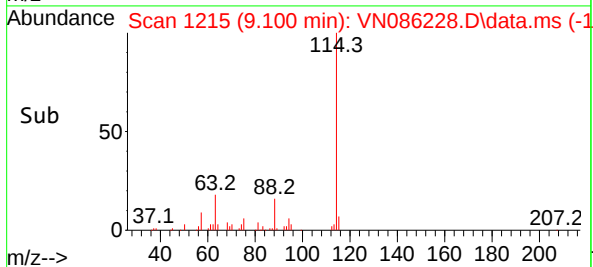
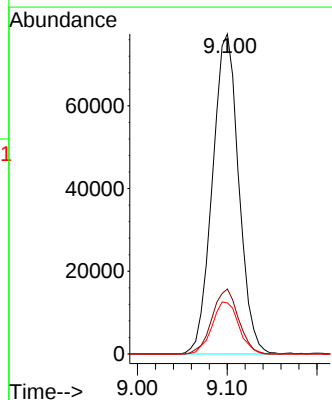
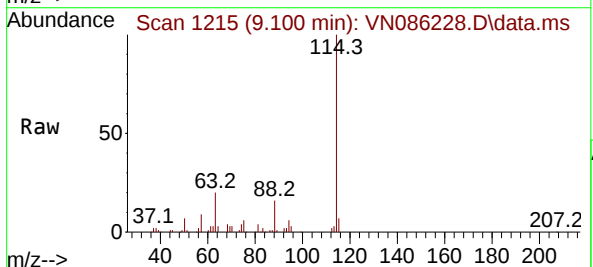
Tgt Ion: 114 Resp: 157501

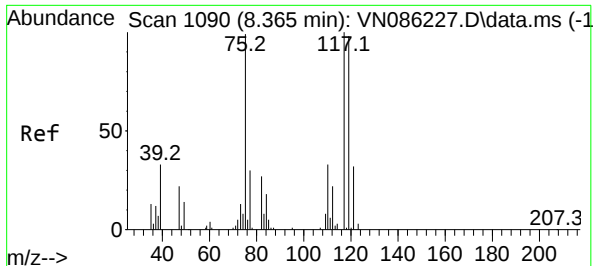
Ion Ratio Lower Upper

114 100

63 20.4 16.4 24.6

88 16.5 13.4 20.2





#29

1,1-Dichloropropene

Concen: 7.368 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

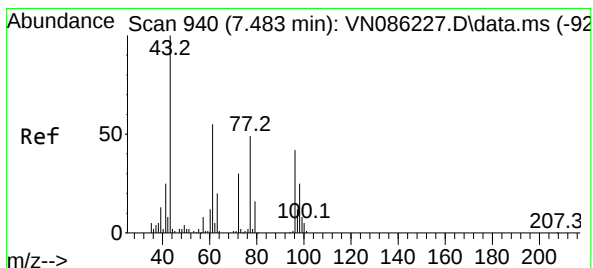
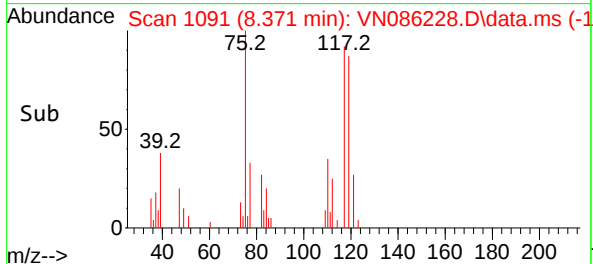
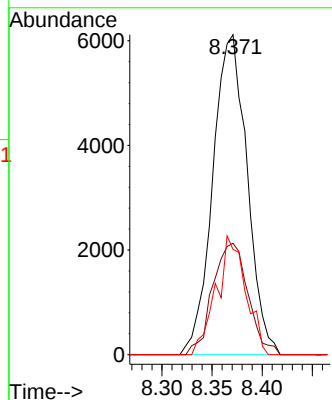
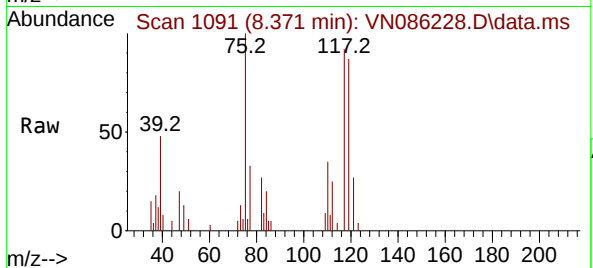
Tgt Ion: 75 Resp: 14562

Ion Ratio Lower Upper

75 100

110 35.6 0.0 66.8

77 31.9 0.0 58.4



#30

2-Butanone

Concen: 36.754 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

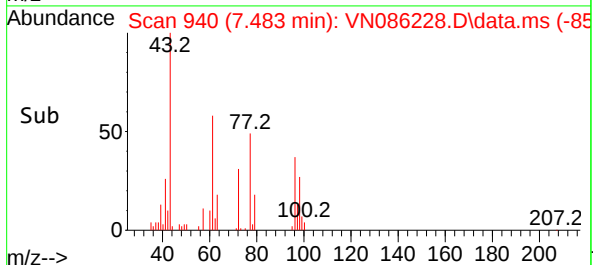
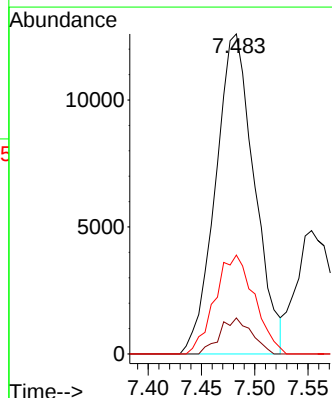
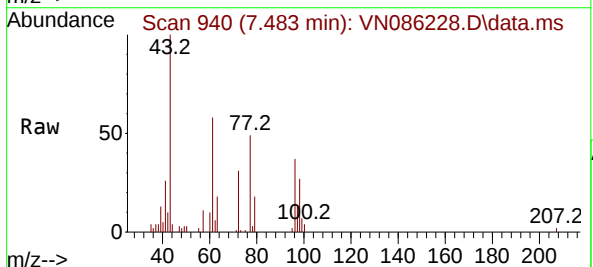
Tgt Ion: 43 Resp: 31934

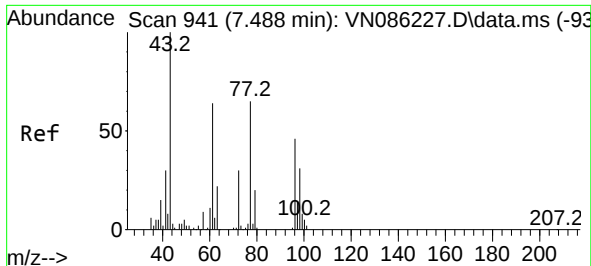
Ion Ratio Lower Upper

43 100

57 9.2 7.3 10.9

72 31.4 24.3 36.5





#31

2,2-Dichloropropane

Concen: 7.652 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

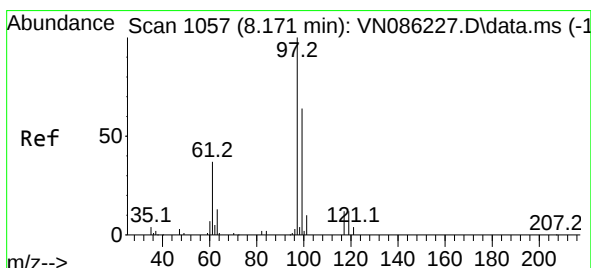
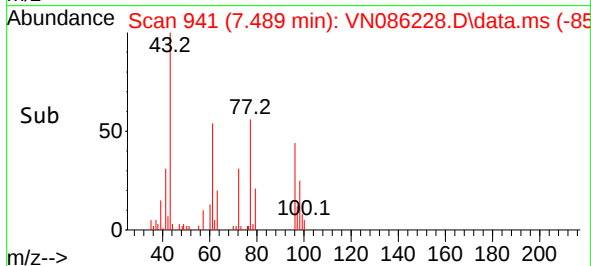
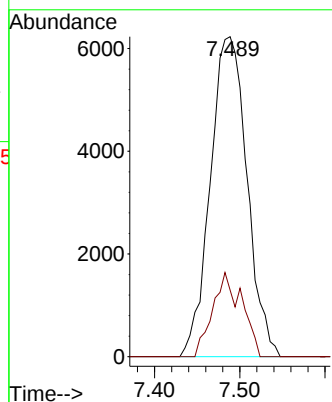
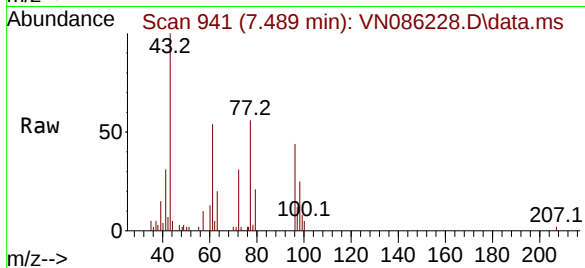
VSTDICC005

Tgt Ion: 77 Resp: 18634

Ion Ratio Lower Upper

77 100

97 14.8 17.8 26.8#



#32

1,1,1-Trichloroethane

Concen: 7.596 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

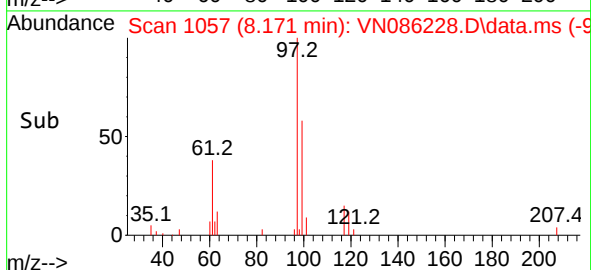
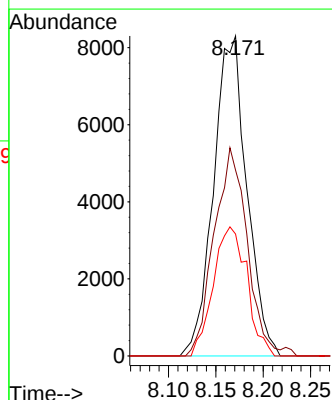
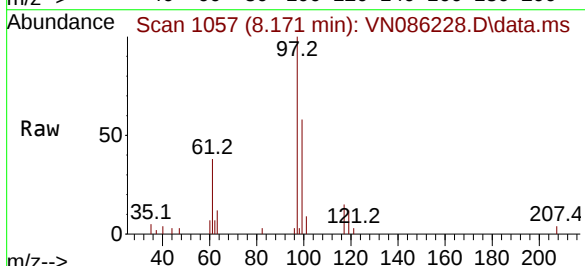
Tgt Ion: 97 Resp: 20301

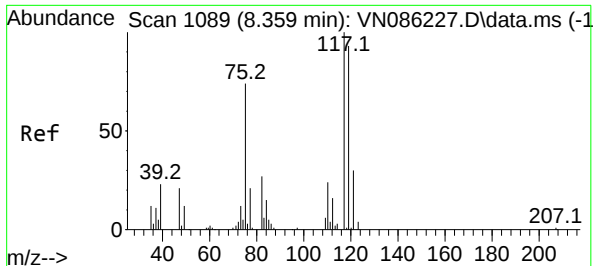
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 40.9 31.7 47.5

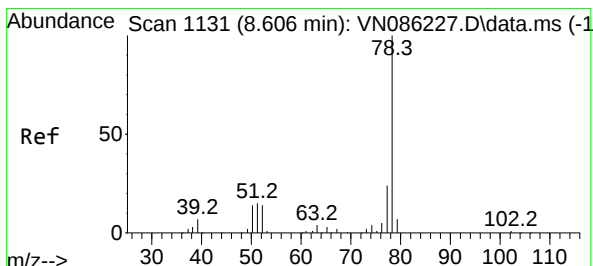
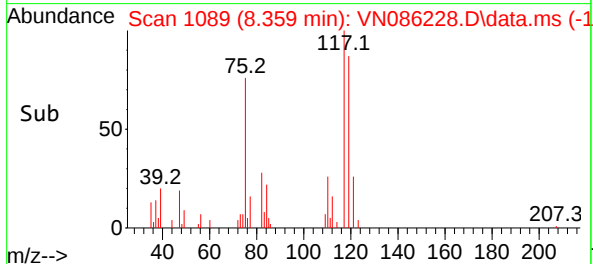
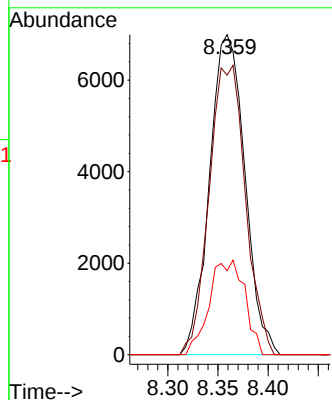
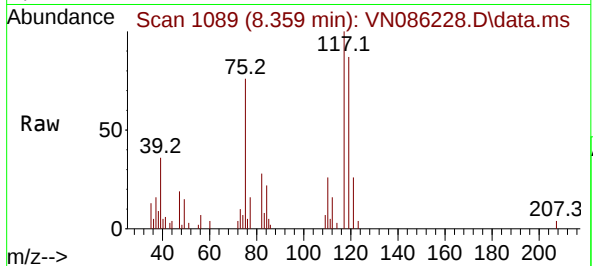




#33
Carbon Tetrachloride
Concen: 7.539 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

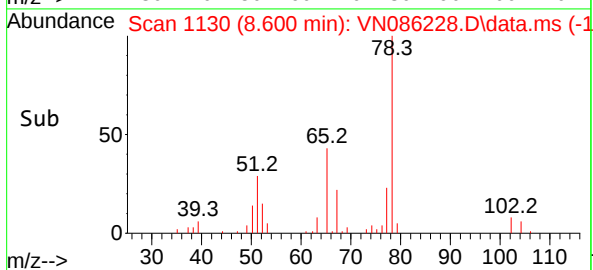
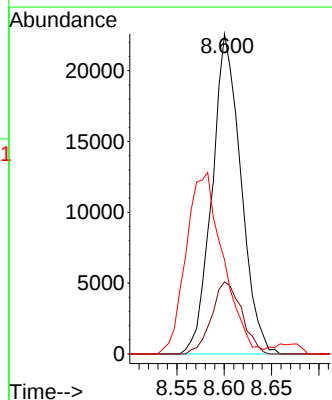
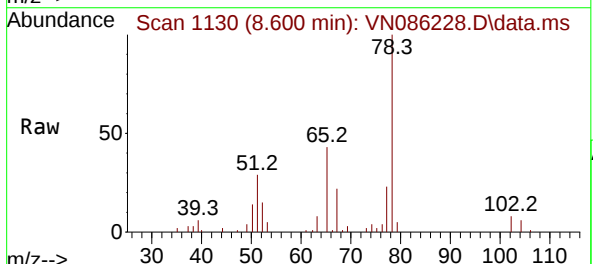
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

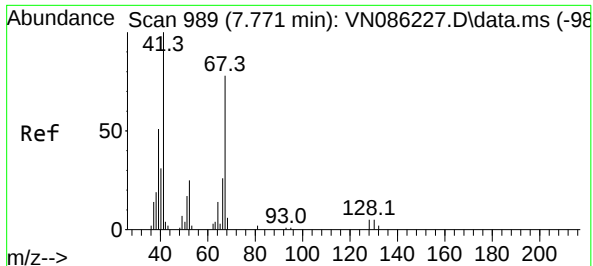
Tgt Ion:117 Resp: 17184
Ion Ratio Lower Upper
117 100
119 87.3 74.6 112.0
121 26.3 23.8 35.8



#34
Benzene
Concen: 7.299 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 78 Resp: 47900
Ion Ratio Lower Upper
78 100
77 22.5 18.8 28.2
51 26.3 11.9 17.9#

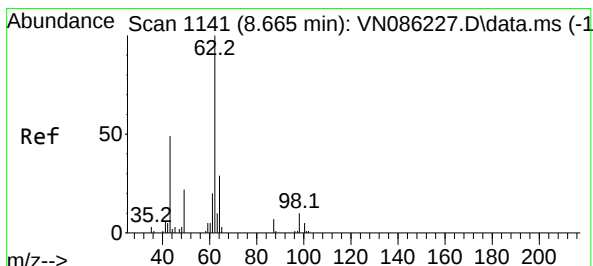
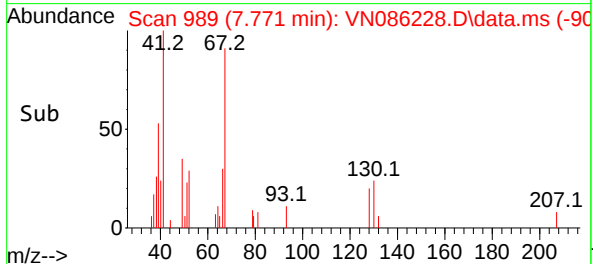
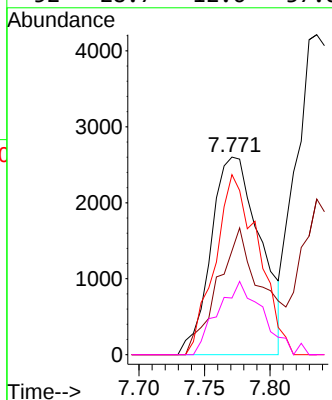
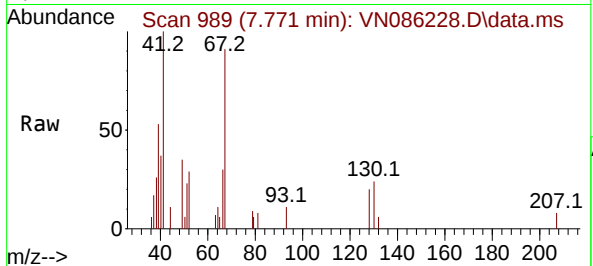




#35
Methacrylonitrile
Concen: 7.015 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

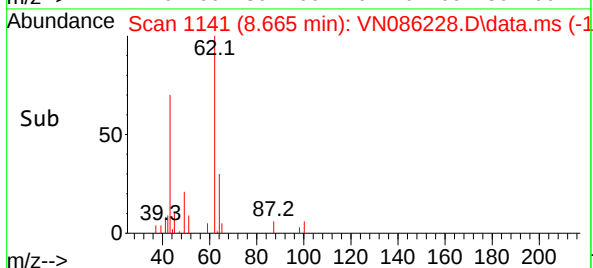
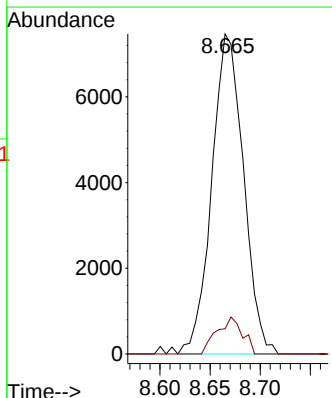
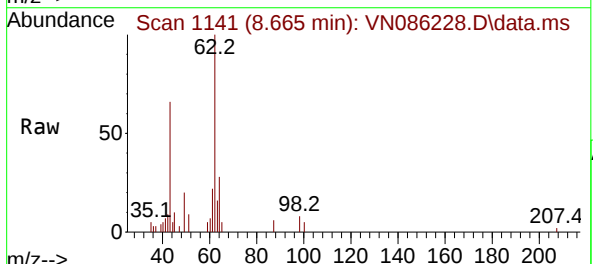
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

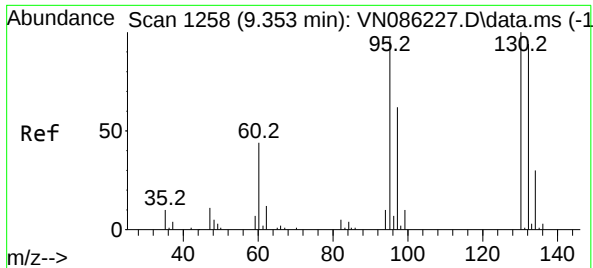
Tgt Ion:	41	Resp:	6805
Ion	Ratio	Lower	Upper
41	100		
39	52.6	25.7	77.0
67	91.0	39.0	117.0
52	28.7	12.6	37.8



#36
1,2-Dichloroethane
Concen: 7.538 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:	62	Resp:	16429
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.8	11.8

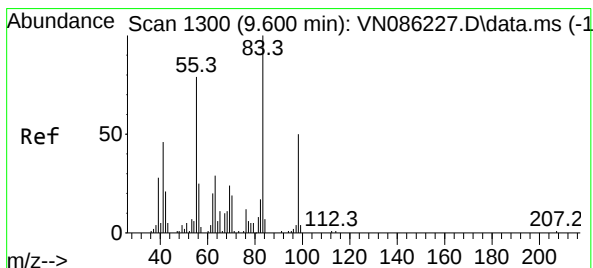
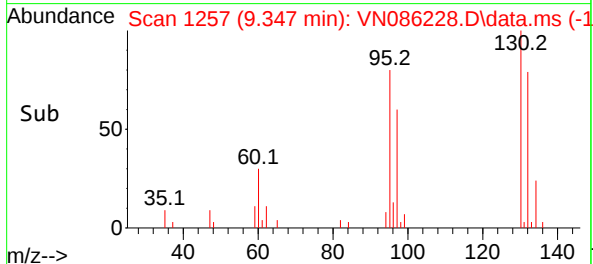
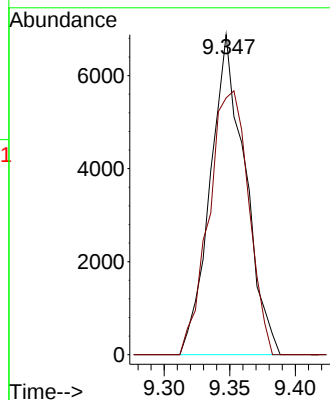
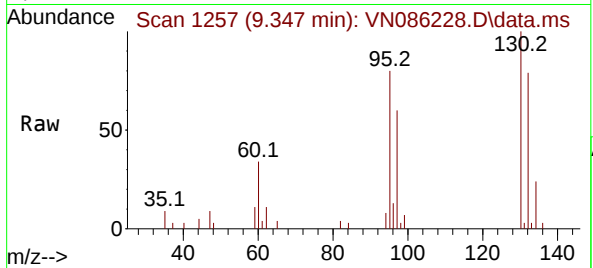




#37
Trichloroethene
Concen: 8.074 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

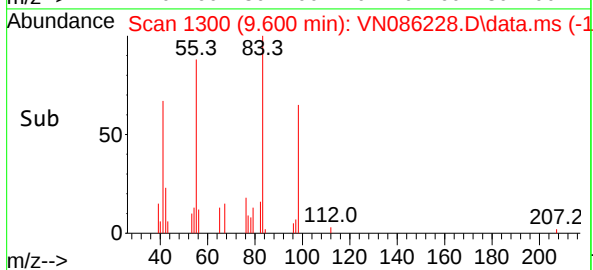
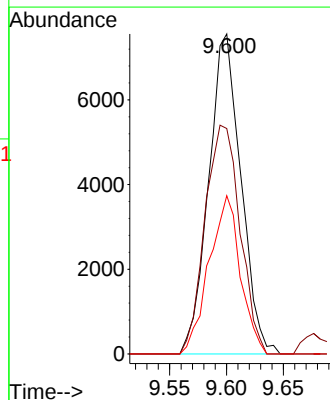
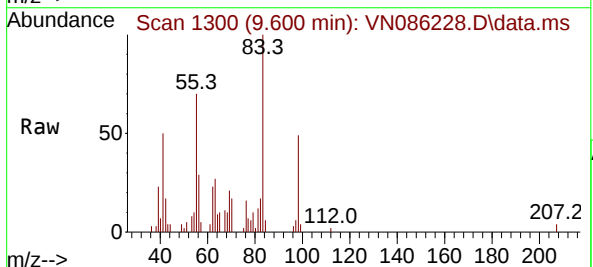
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

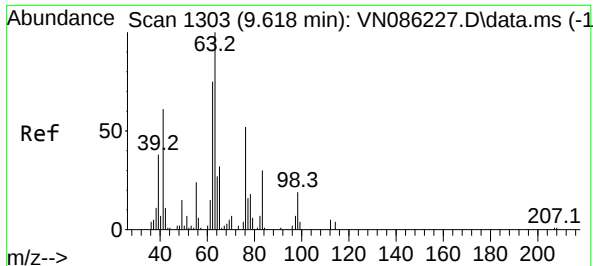
Tgt Ion:130 Resp: 12690
Ion Ratio Lower Upper
130 100
95 80.3 77.8 116.8



#38
Methylcyclohexane
Concen: 7.199 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 83 Resp: 14929
Ion Ratio Lower Upper
83 100
55 77.6 38.0 113.9
98 47.9 24.2 72.6





#39

1,2-Dichloropropane

Concen: 7.800 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

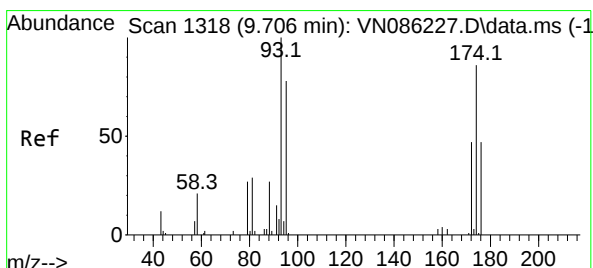
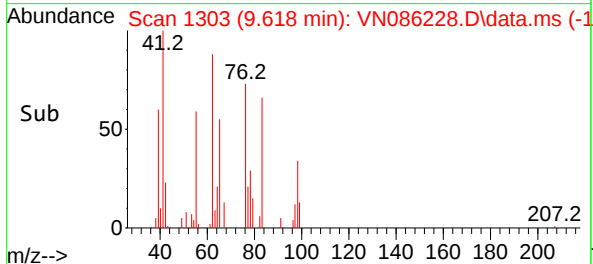
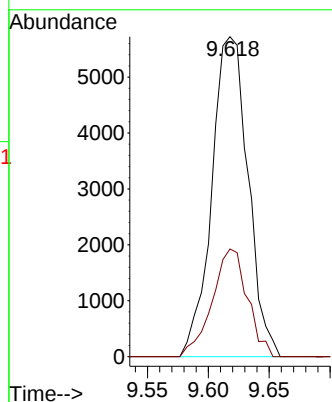
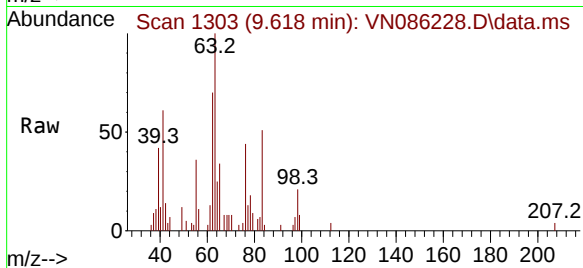
VSTDICC005

Tgt Ion: 63 Resp: 11861

Ion Ratio Lower Upper

63 100

65 33.7 26.0 39.0



#40

Dibromomethane

Concen: 7.249 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

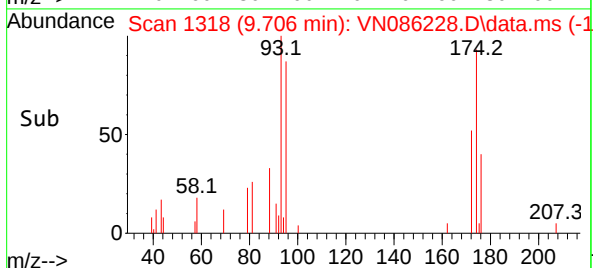
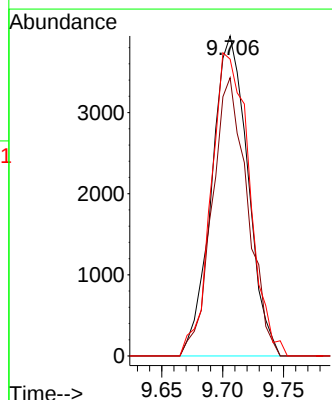
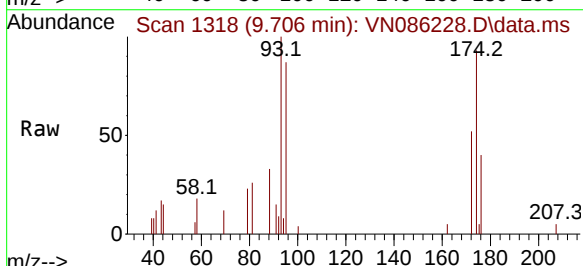
Tgt Ion: 93 Resp: 8134

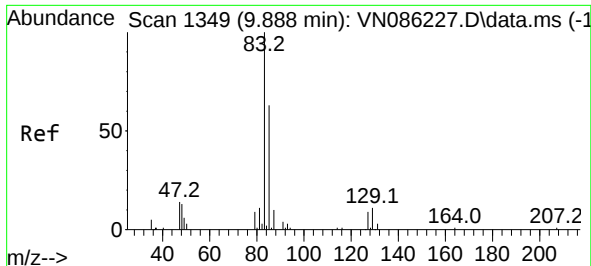
Ion Ratio Lower Upper

93 100

95 84.9 0.0 160.8

174 99.8 0.0 181.4

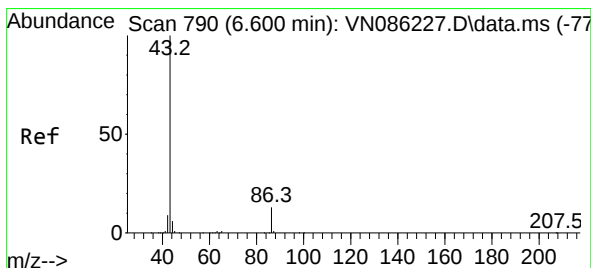
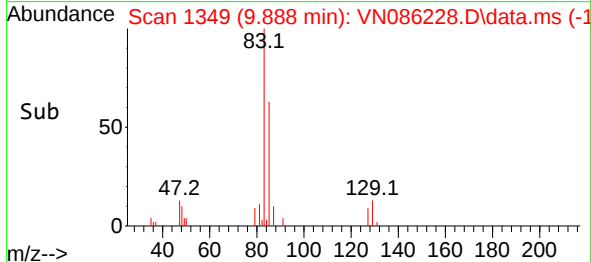
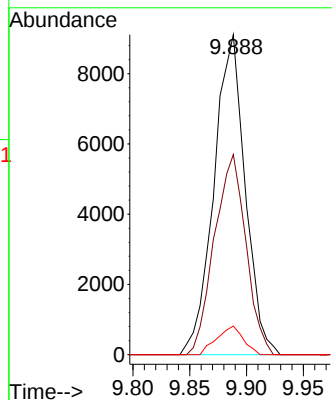
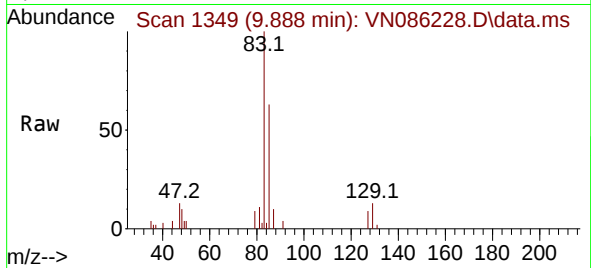




#41
Bromodichloromethane
Concen: 7.741 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

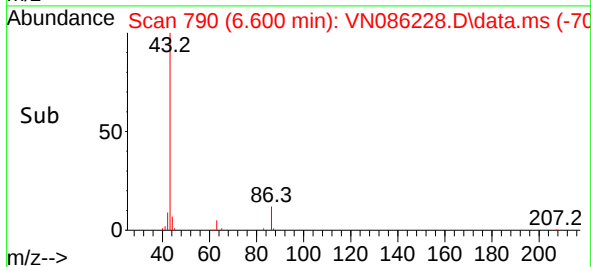
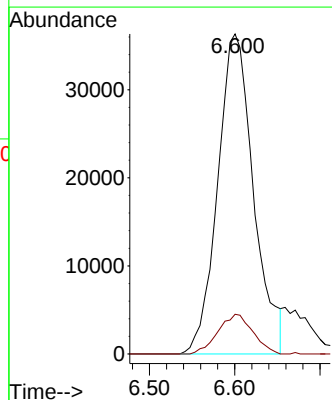
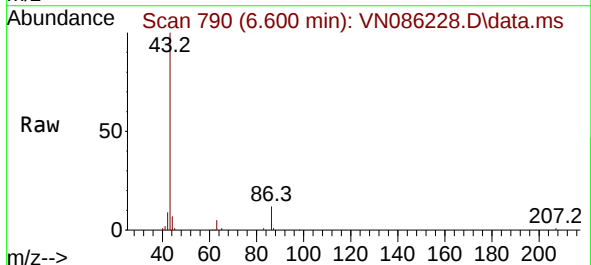
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

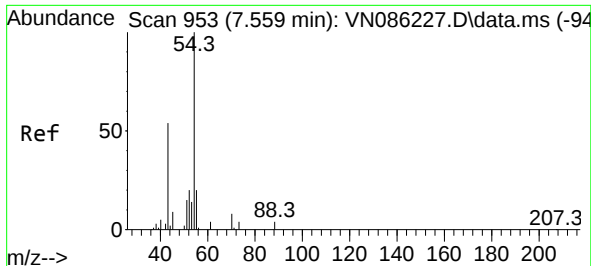
Tgt Ion: 83 Resp: 17446
Ion Ratio Lower Upper
83 100
85 62.6 50.6 75.8
127 9.0 6.8 10.2



#42
Vinyl Acetate
Concen: 34.321 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 43 Resp: 106269
Ion Ratio Lower Upper
43 100
86 12.0 9.9 14.9

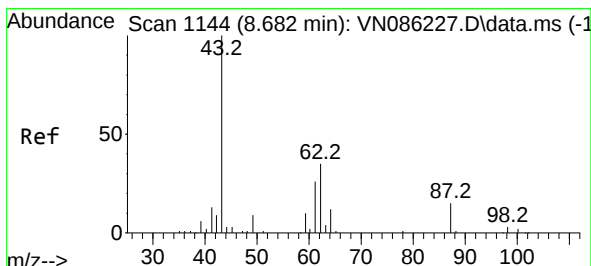
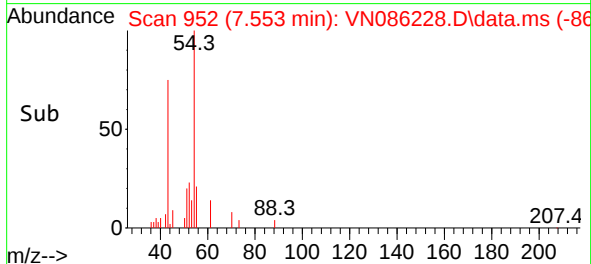
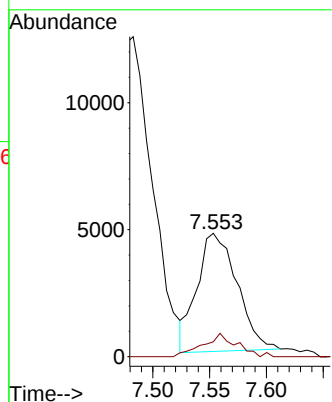
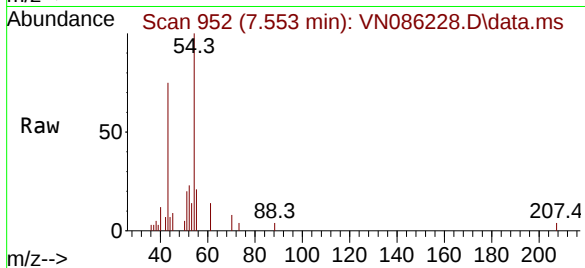




#43
Ethyl Acetate
Concen: 6.385 ug/l
RT: 7.553 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

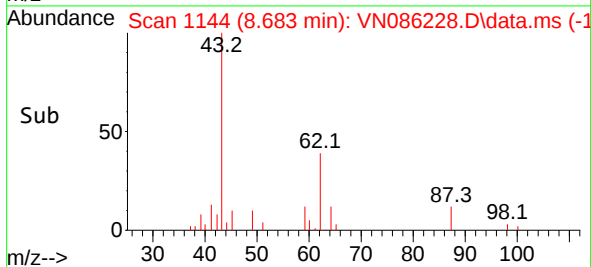
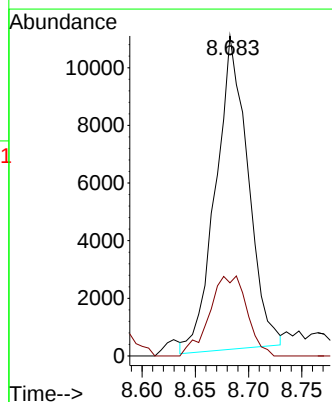
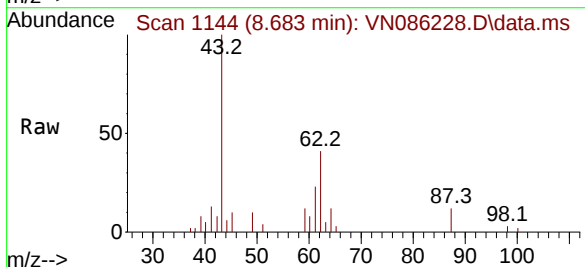
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

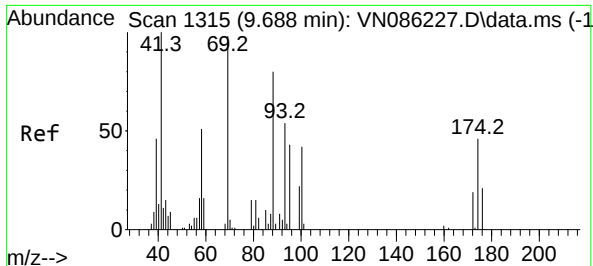
Tgt Ion: 43 Resp: 11407
Ion Ratio Lower Upper
43 100
45 13.0 0.2 0.4#



#44
Isopropyl Acetate
Concen: 7.103 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 43 Resp: 22903
Ion Ratio Lower Upper
43 100
61 18.0 24.3 36.5#





#45

1,4-Dioxane

Concen: 149.018 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

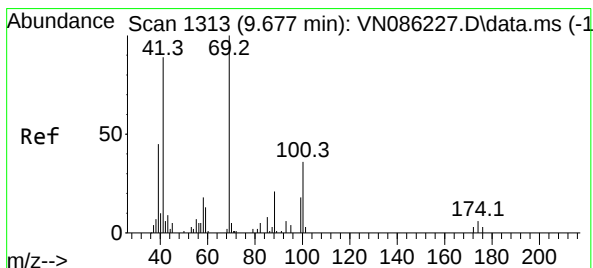
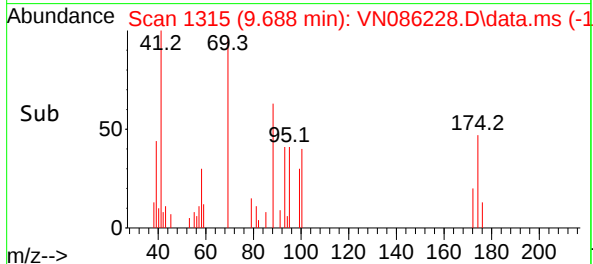
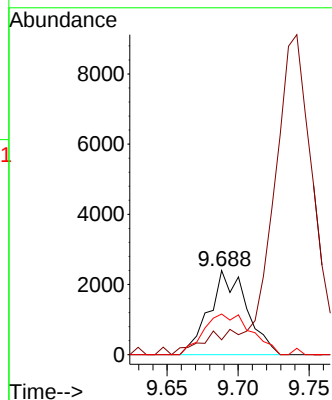
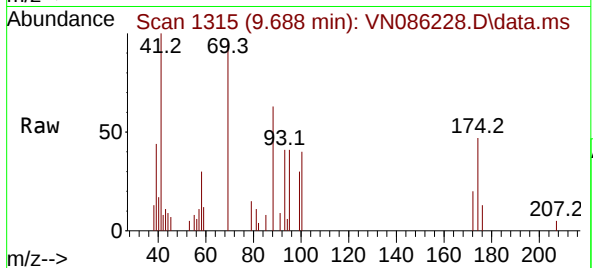
Tgt Ion: 88 Resp: 4405

Ion Ratio Lower Upper

88 100

43 27.6 19.8 29.8

58 36.5 60.6 91.0#



#46

Methyl methacrylate

Concen: 6.885 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

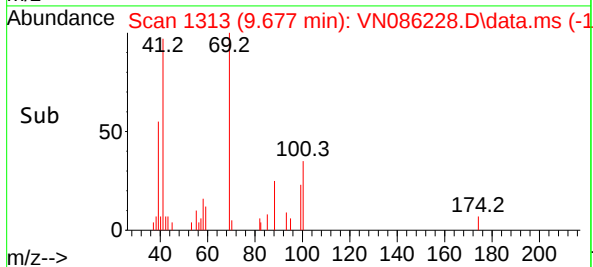
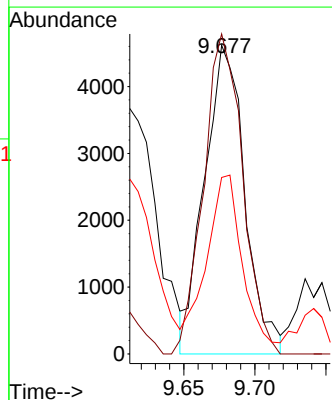
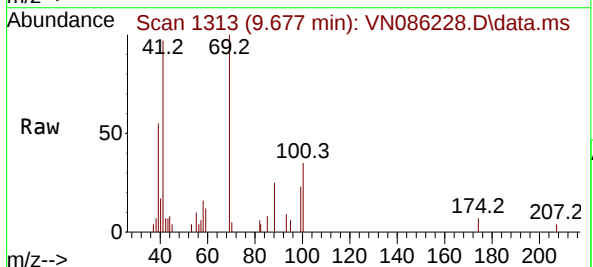
Tgt Ion: 41 Resp: 9093

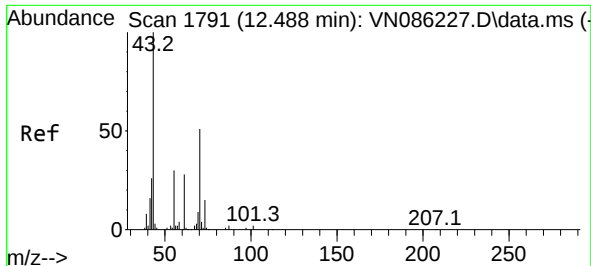
Ion Ratio Lower Upper

41 100

69 110.1 53.1 159.4

39 56.9 25.2 75.6





#47

n-amy1 Acetate

Concen: 6.776 ug/l

RT: 12.488 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

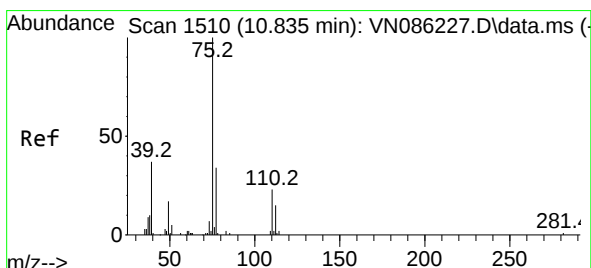
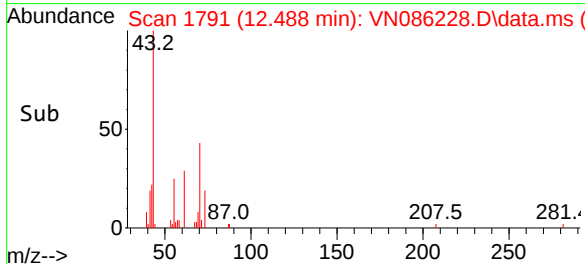
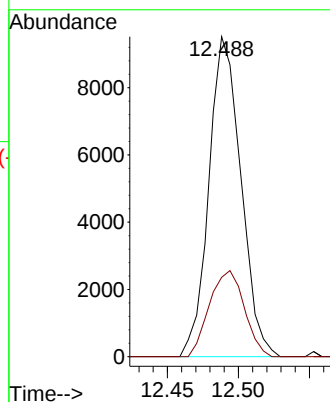
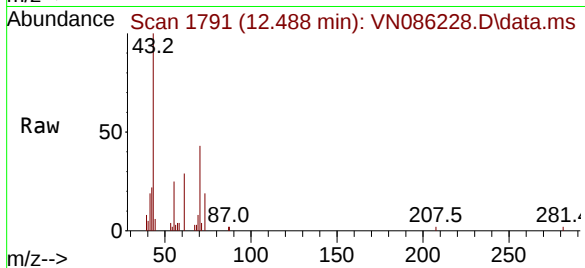
VSTDICC005

Tgt Ion: 43 Resp: 14928

Ion Ratio Lower Upper

43 100

55 29.2 24.6 36.8



#48

t-1,3-Dichloropropene

Concen: 7.481 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN086228.D

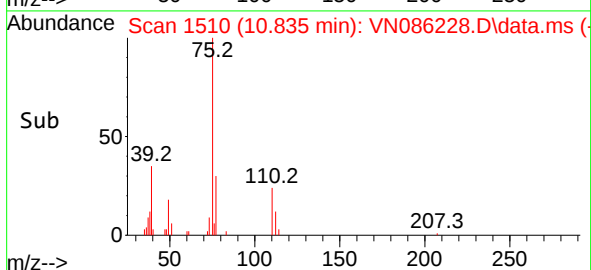
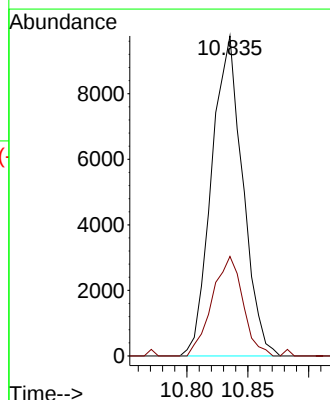
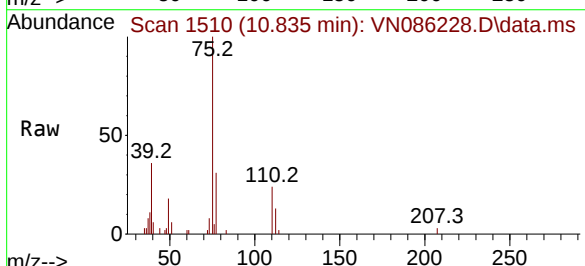
Acq: 04 Apr 2025 12:50

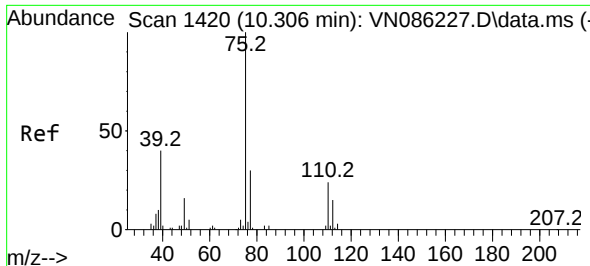
Tgt Ion: 75 Resp: 17374

Ion Ratio Lower Upper

75 100

77 31.1 27.2 40.8

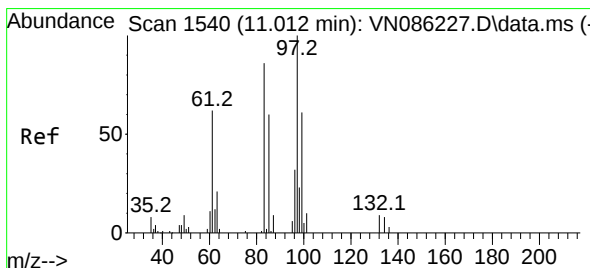
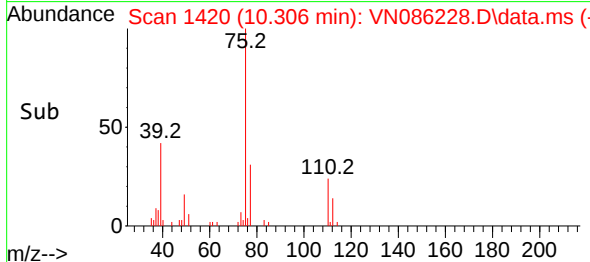
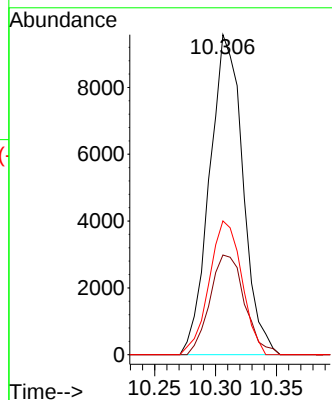
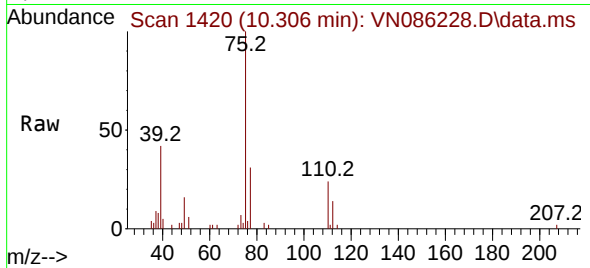




#49
 cis-1,3-Dichloropropene
 Concen: 7.250 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086228.D
 Acq: 04 Apr 2025 12:50

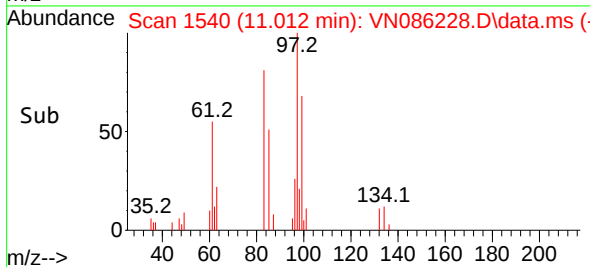
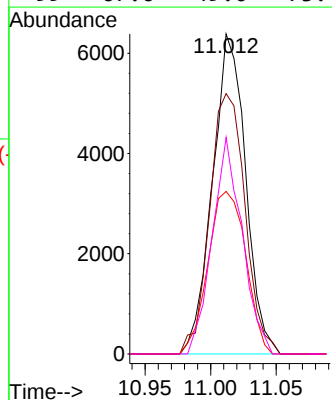
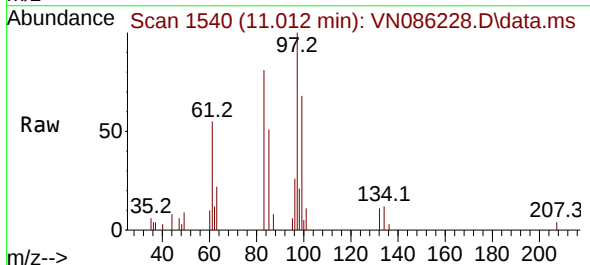
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

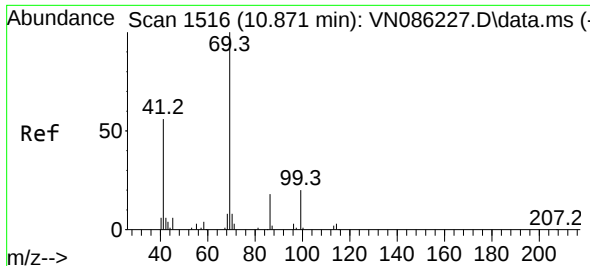
Tgt Ion:	75	Resp:	18193
Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.8	35.6
39	41.8	31.9	47.9



#50
 1,1,2-Trichloroethane
 Concen: 7.633 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086228.D
 Acq: 04 Apr 2025 12:50

Tgt Ion:	97	Resp:	11198
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.4	102.6
85	50.8	47.7	71.5
99	67.6	49.0	73.4

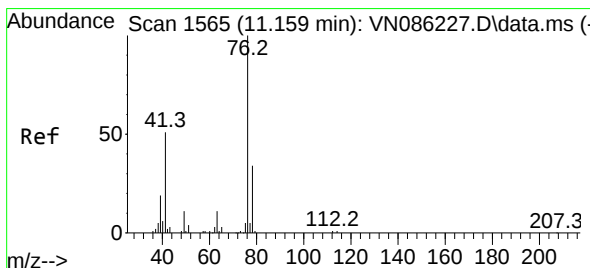
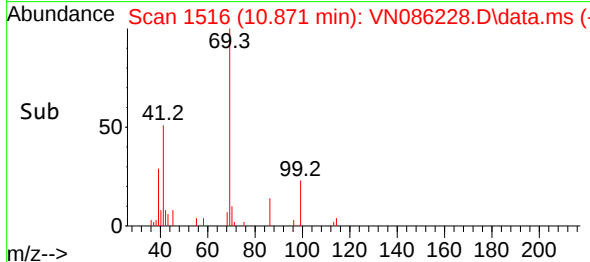
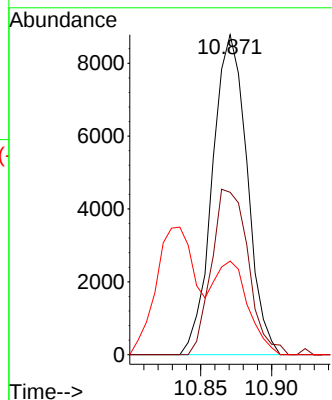
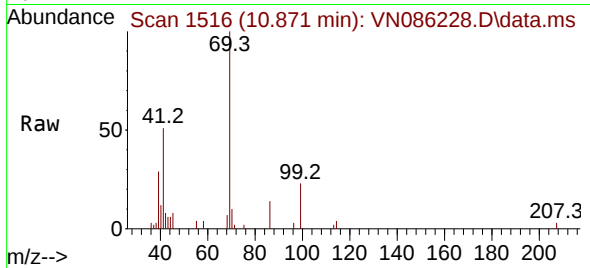




#51
Ethyl methacrylate
Concen: 7.172 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

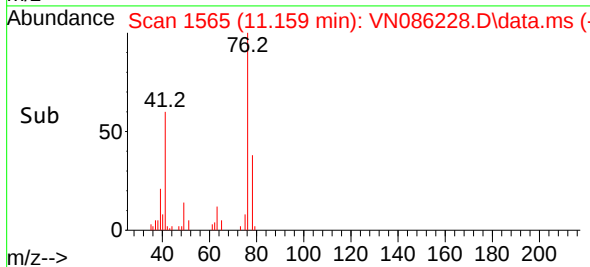
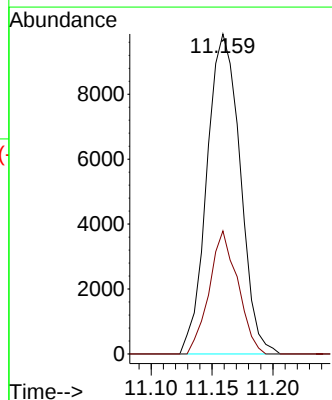
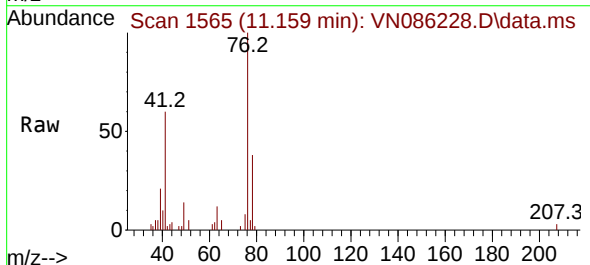
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

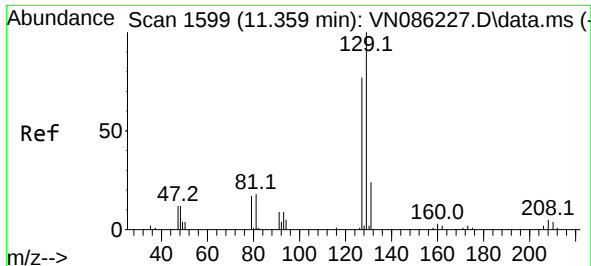
Tgt Ion: 69 Resp: 14936
Ion Ratio Lower Upper
69 100
41 50.8 27.8 83.3
39 29.2 14.1 42.3



#52
1,3-Dichloropropane
Concen: 7.330 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 76 Resp: 18734
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.4

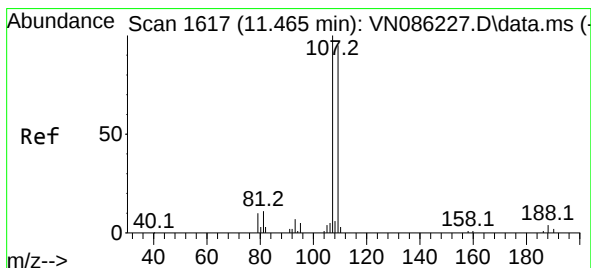
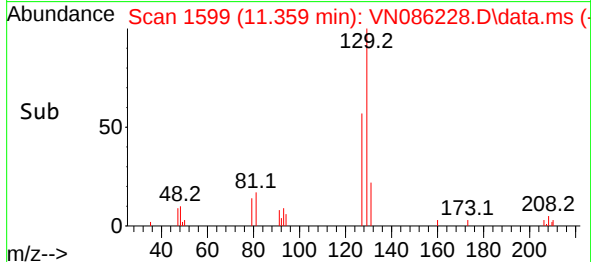
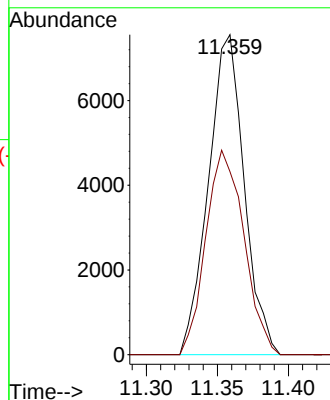
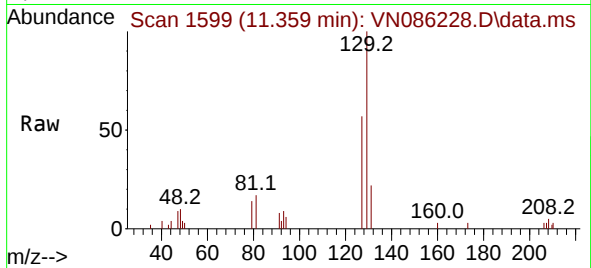




#53
Dibromochloromethane
Concen: 7.744 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

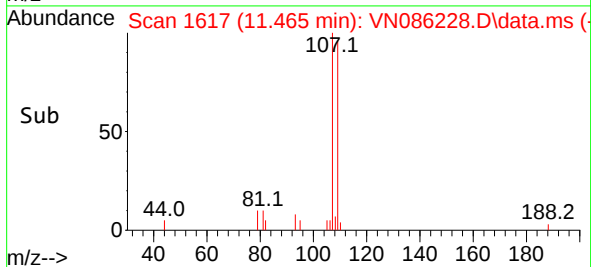
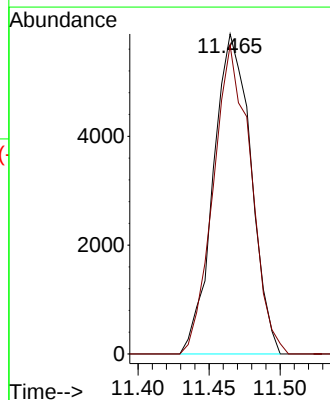
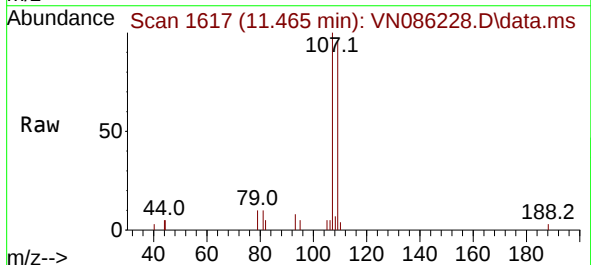
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

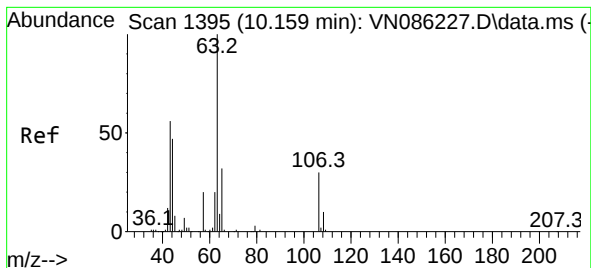
Tgt Ion:129 Resp: 13227
Ion Ratio Lower Upper
129 100
127 68.1 38.8 116.4



#54
1,2-Dibromoethane
Concen: 7.196 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:107 Resp: 10832
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4

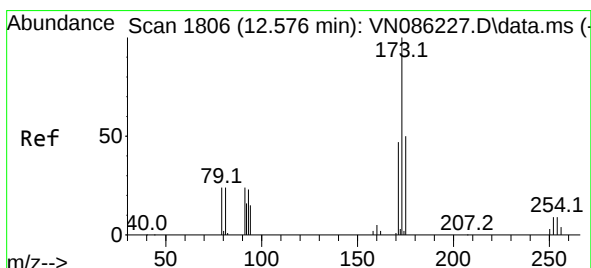
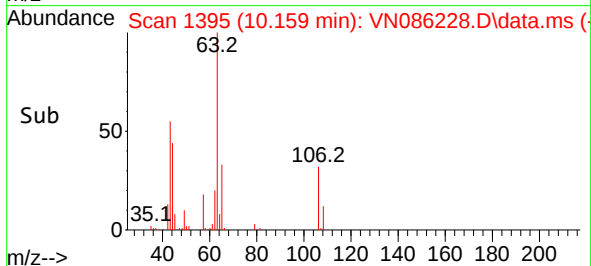
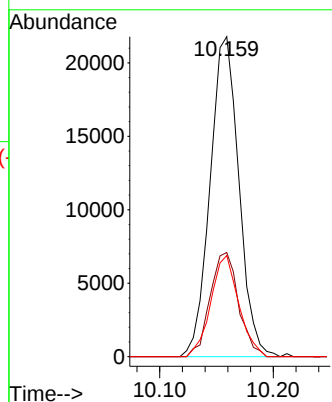
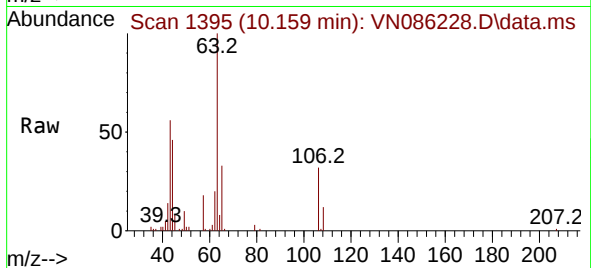




#55
2-Chloroethyl vinyl ether
Concen: 40.197 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

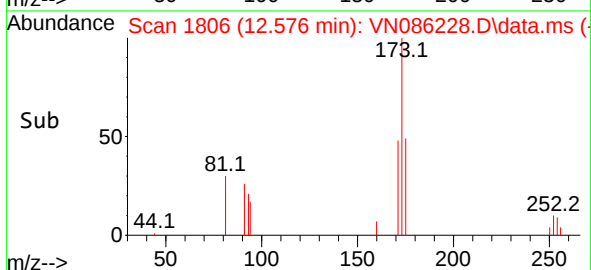
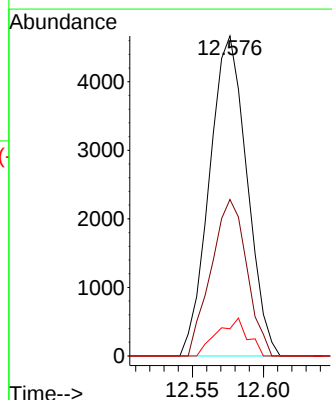
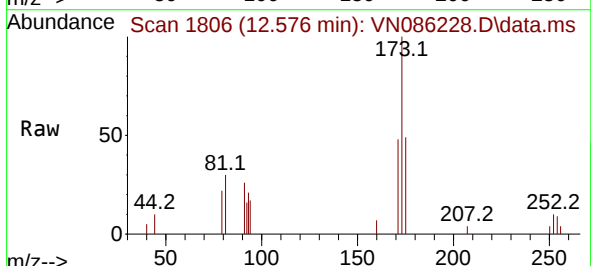
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

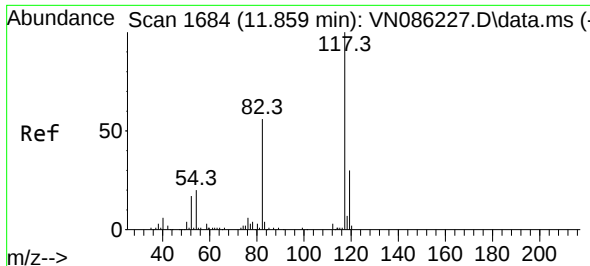
Tgt Ion: 63 Resp: 38388
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 30.6 23.5 35.3



#56
Bromoform
Concen: 7.398 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 173 Resp: 8549
Ion Ratio Lower Upper
173 100
175 46.6 38.2 57.4
254 9.5 7.5 11.3

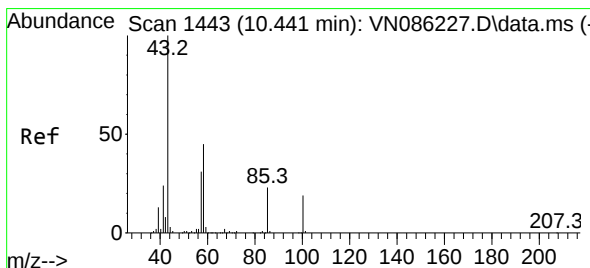
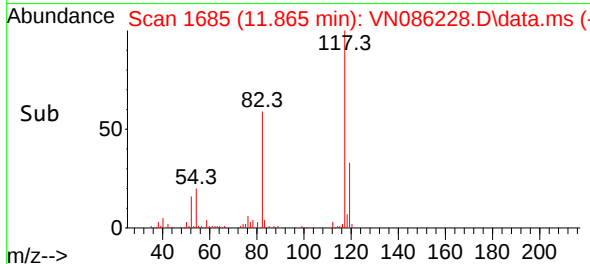
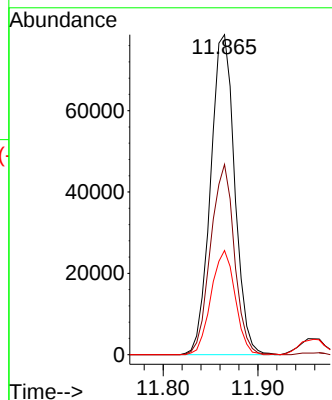
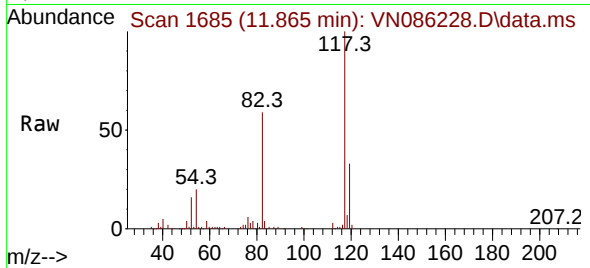




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

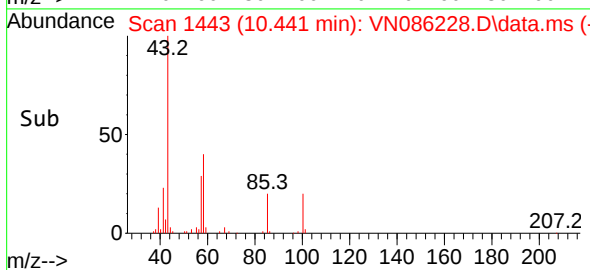
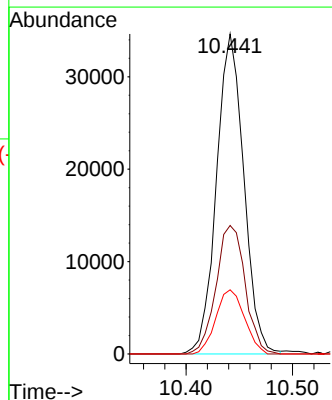
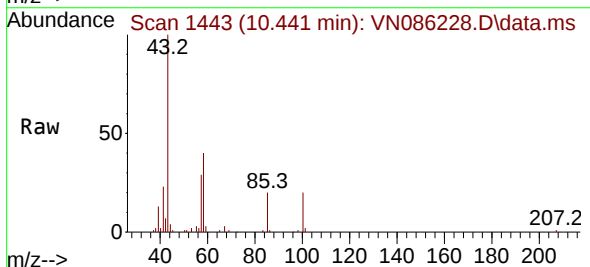
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

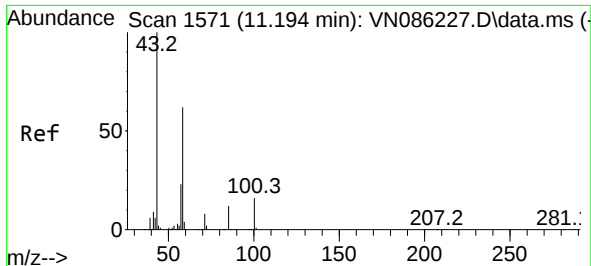
Tgt Ion:117 Resp: 139269
Ion Ratio Lower Upper
117 100
82 58.6 46.0 69.0
119 32.5 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 37.523 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 43 Resp: 61674
Ion Ratio Lower Upper
43 100
58 42.7 35.4 53.2
85 21.0 17.6 26.4

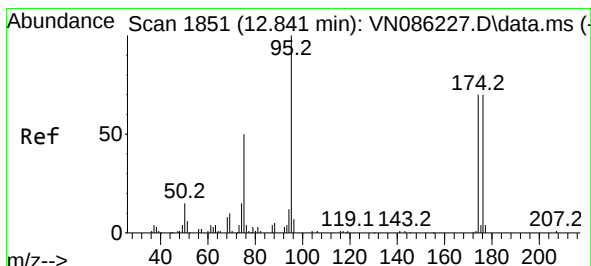
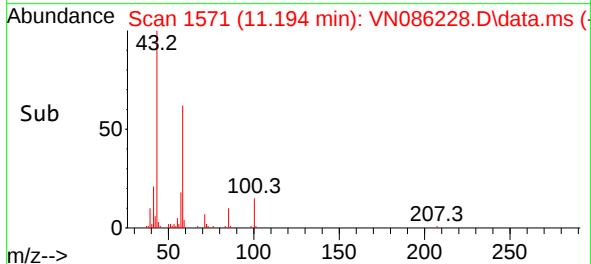
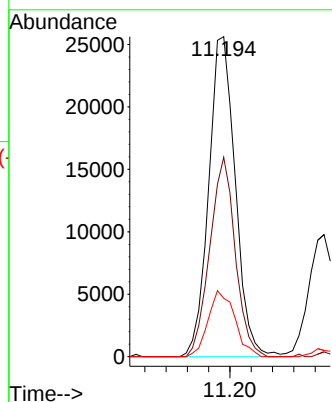
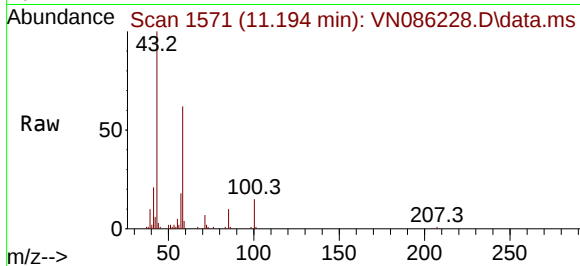




#59
2-Hexanone
Concen: 37.705 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

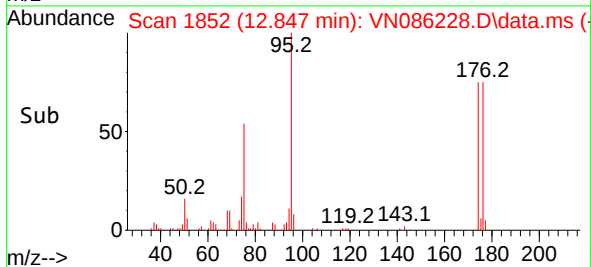
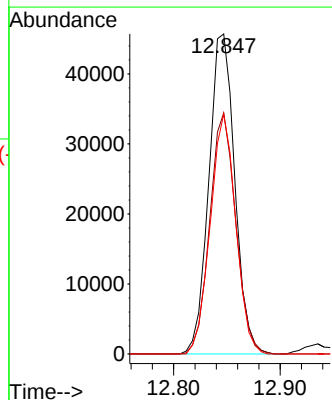
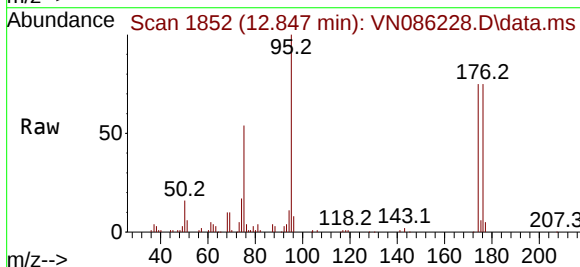
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

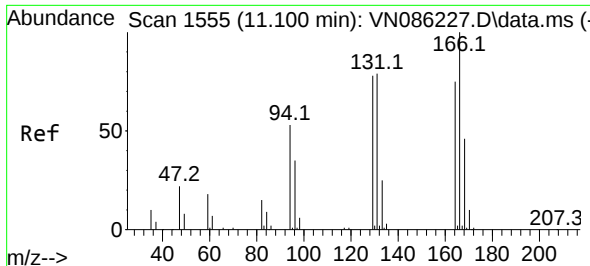
Tgt Ion: 43 Resp: 44483
Ion Ratio Lower Upper
43 100
58 59.5 48.5 72.7
57 20.7 17.7 26.5



#60
4-Bromofluorobenzene
Concen: 29.794 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 95 Resp: 77311
Ion Ratio Lower Upper
95 100
174 75.6 59.7 89.5
176 73.6 56.8 85.2

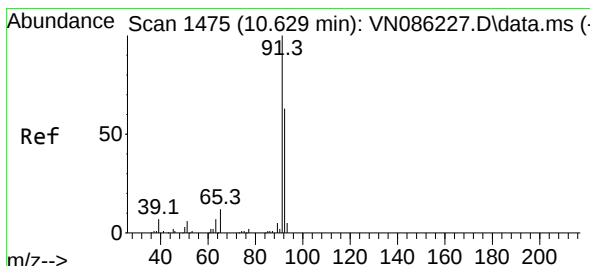
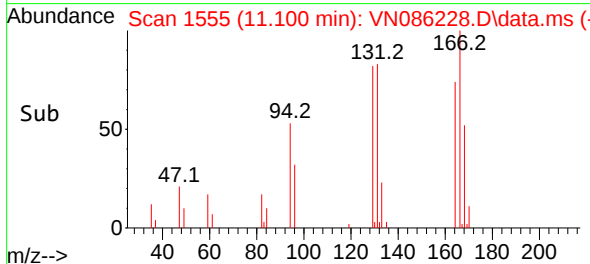
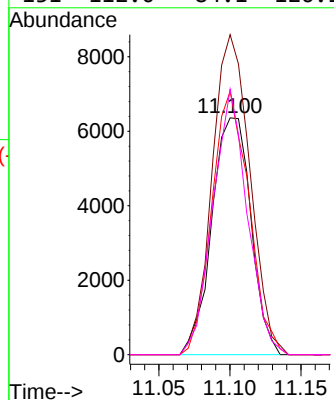
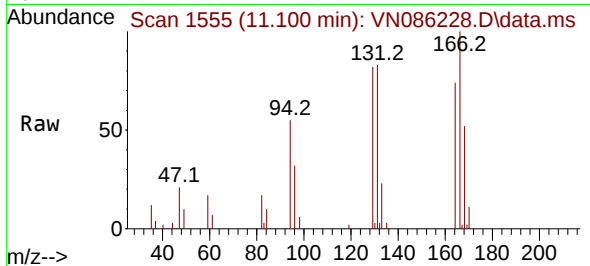




#61
Tetrachloroethene
Concen: 7.484 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

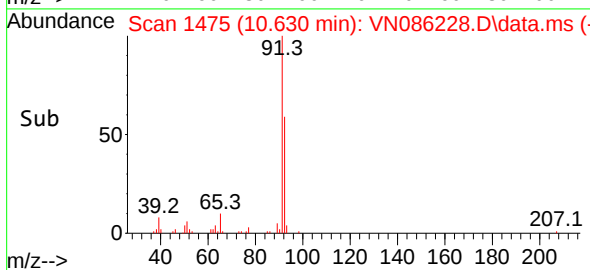
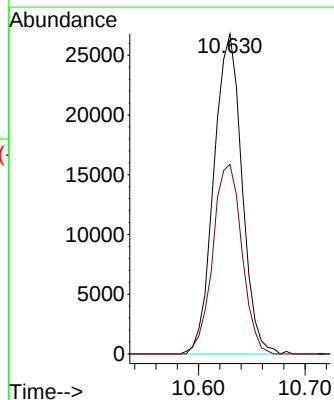
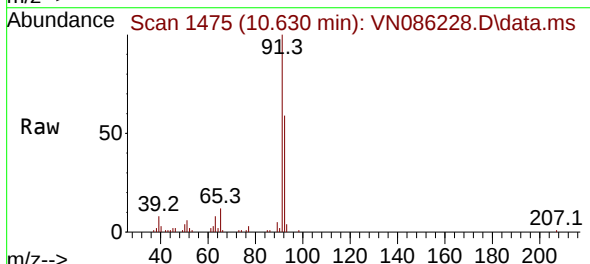
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

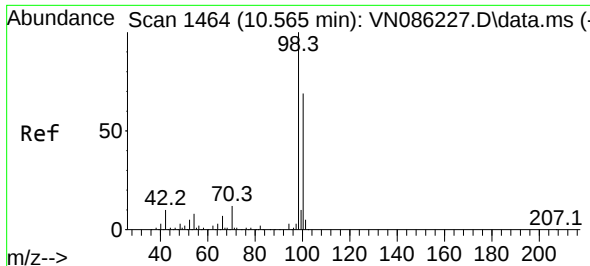
Tgt Ion:164	Resp:	12164
Ion	Ratio	Lower Upper
164	100	
166	135.1	106.3 159.5
129	111.2	83.3 124.9
131	112.0	84.1 126.1



#62
Toluene
Concen: 7.705 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 91	Resp:	48987
Ion	Ratio	Lower Upper
91	100	
92	61.4	48.2 72.4

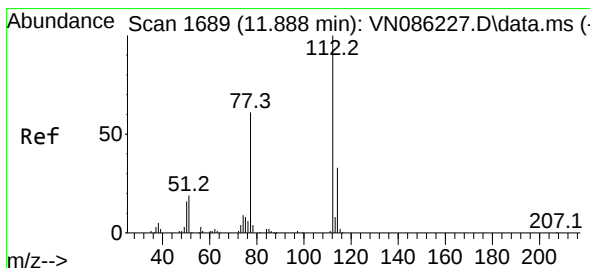
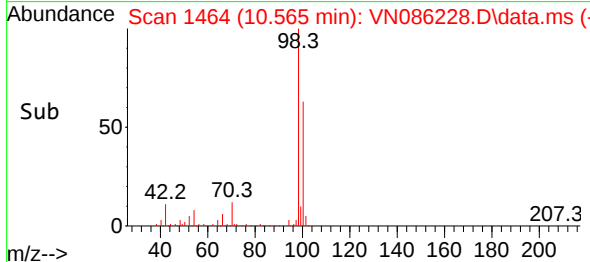
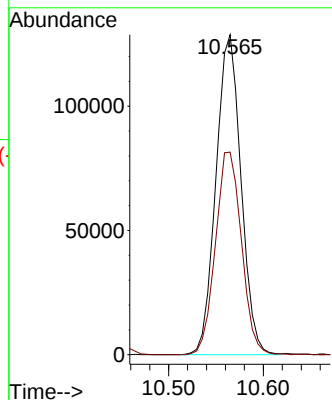
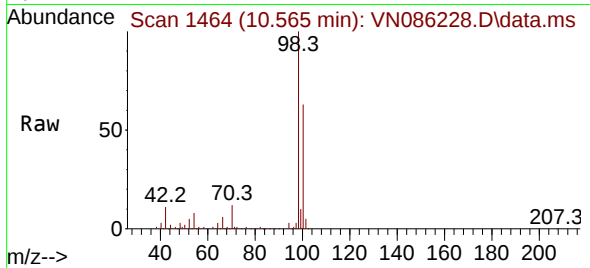




#63
Toluene-d8
Concen: 30.463 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

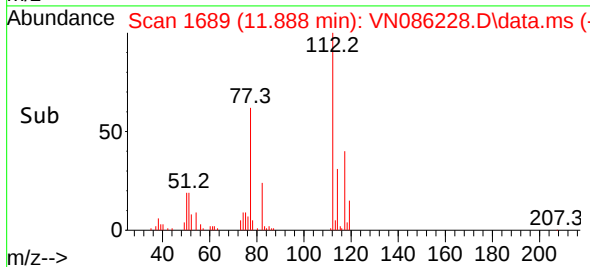
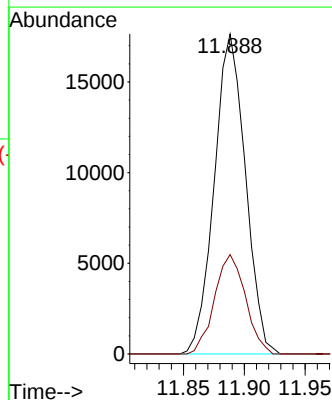
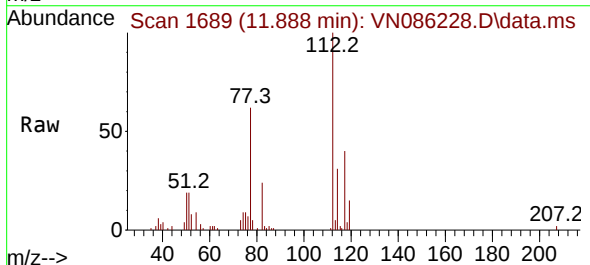
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

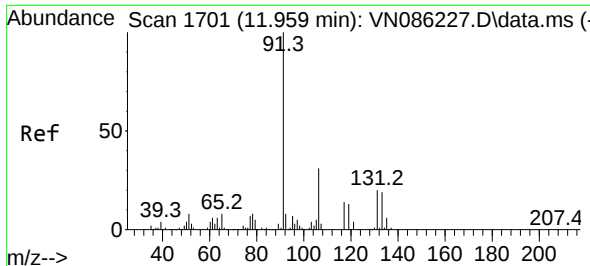
Tgt Ion: 98 Resp: 236679
Ion Ratio Lower Upper
98 100
100 65.7 53.9 80.9



#64
Chlorobenzene
Concen: 7.917 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 112 Resp: 31406
Ion Ratio Lower Upper
112 100
114 31.1 26.5 39.7

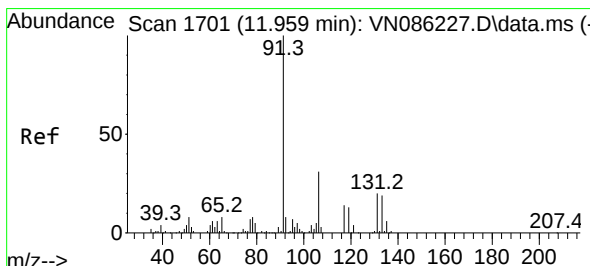
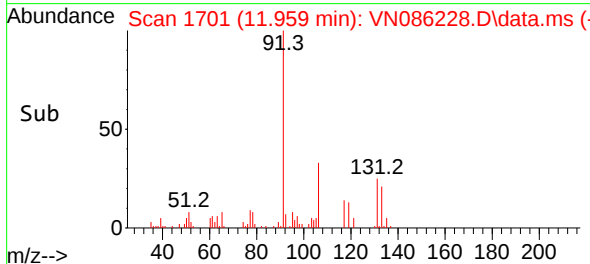
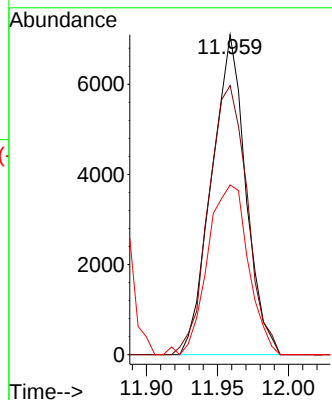
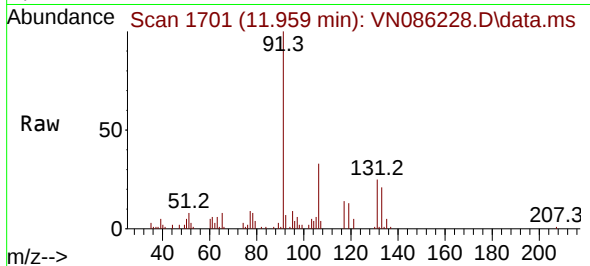




#65
1,1,1,2-Tetrachloroethane
Concen: 8.130 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

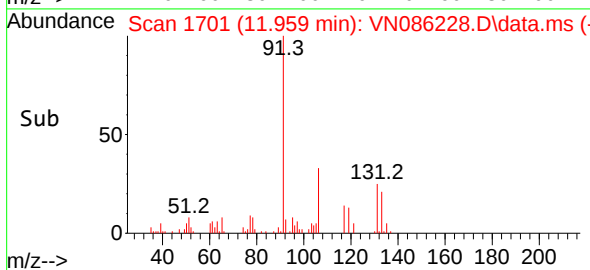
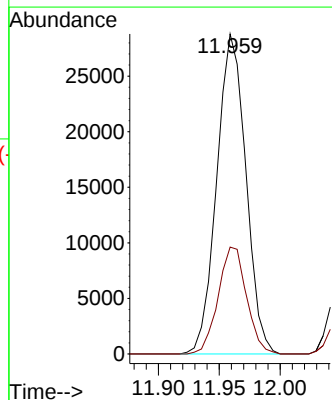
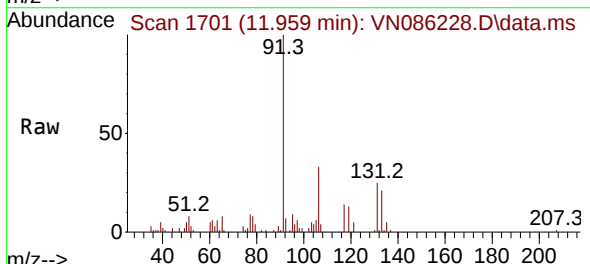
Instrument :
MSVOA_N
ClientSampleId :
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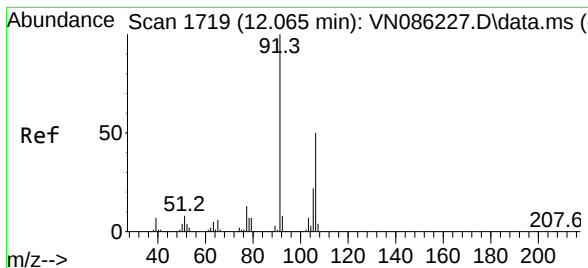
Tgt Ion:131 Resp: 11868
Ion Ratio Lower Upper
131 100
133 94.9 0.0 187.0
119 62.6 0.0 125.2



#66
Ethyl Benzene
Concen: 7.260 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 91 Resp: 47898
Ion Ratio Lower Upper
91 100
106 33.4 24.7 37.1

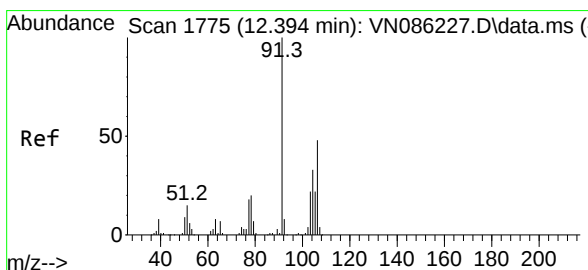
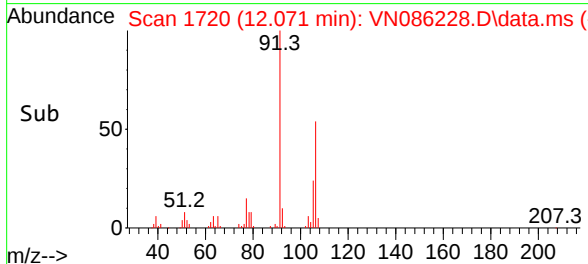
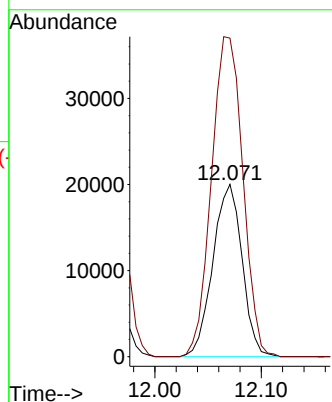
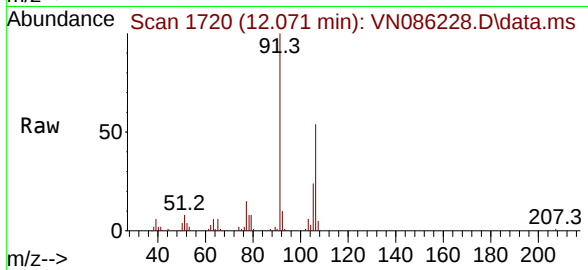




#67
m/p-Xylenes
Concen: 14.642 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

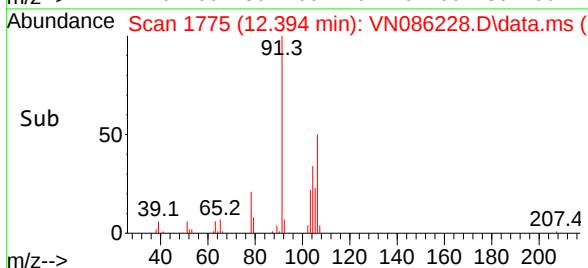
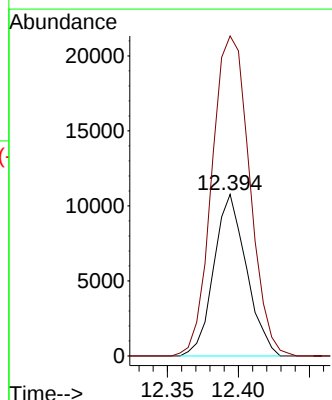
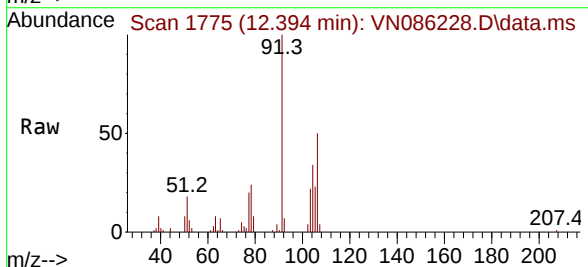
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

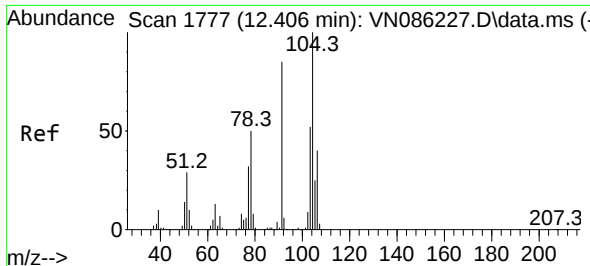
Tgt Ion:106 Resp: 38134
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.0



#68
o-Xylene
Concen: 6.835 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:106 Resp: 17182
Ion Ratio Lower Upper
106 100
91 229.1 106.1 318.1

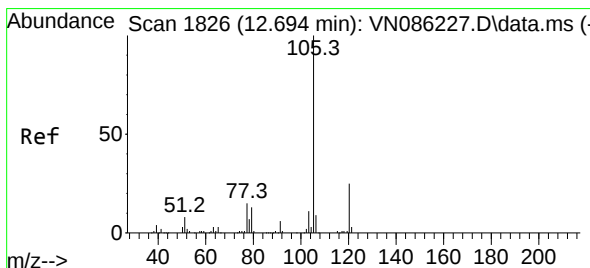
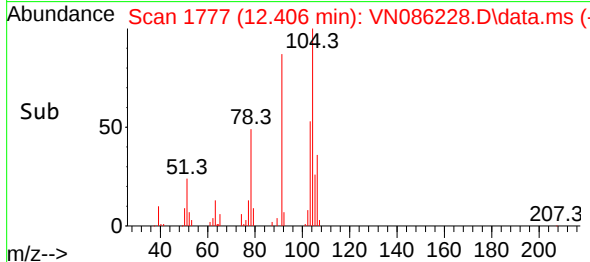
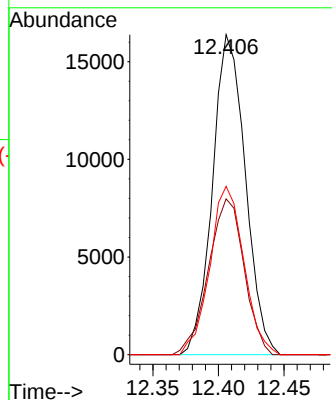
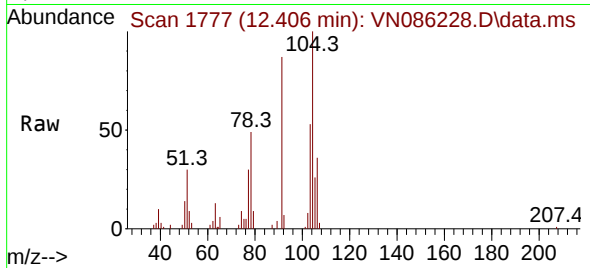




#69
Styrene
Concen: 7.123 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

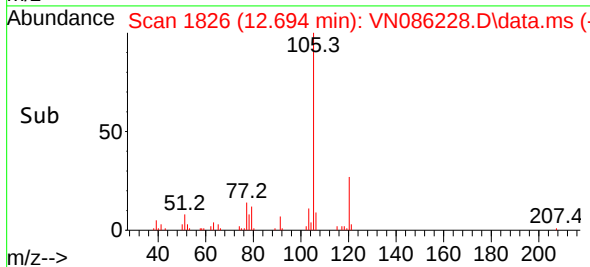
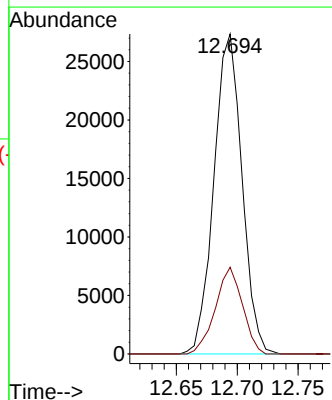
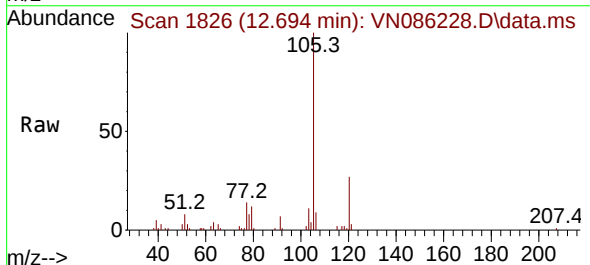
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

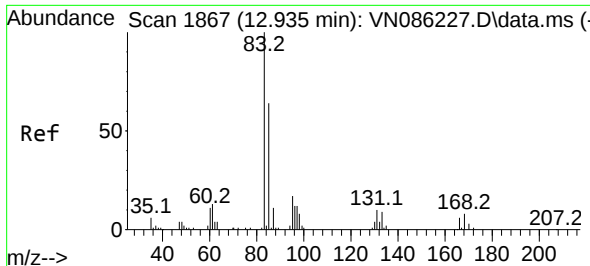
Tgt Ion:104 Resp: 28554
Ion Ratio Lower Upper
104 100
78 52.7 40.9 61.3
103 54.4 42.6 63.8



#70
Isopropylbenzene
Concen: 6.987 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:105 Resp: 43838
Ion Ratio Lower Upper
105 100
120 26.2 18.0 33.4

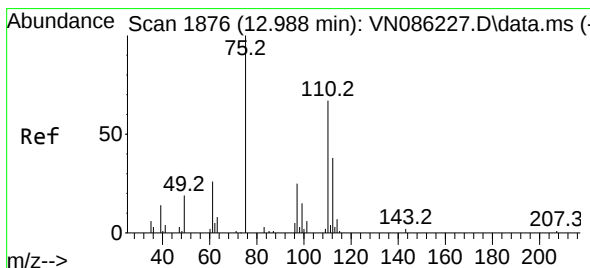
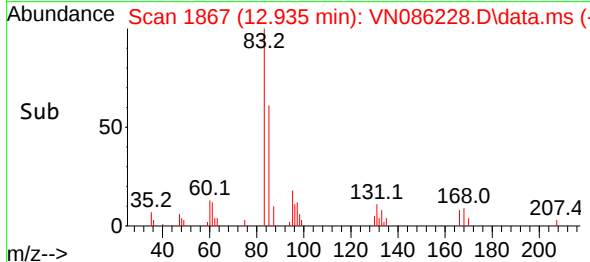
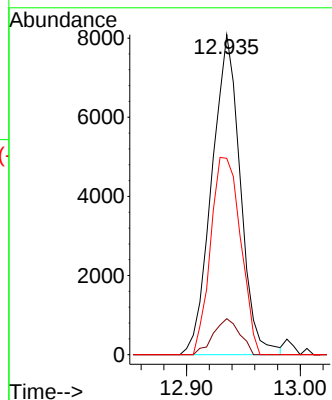
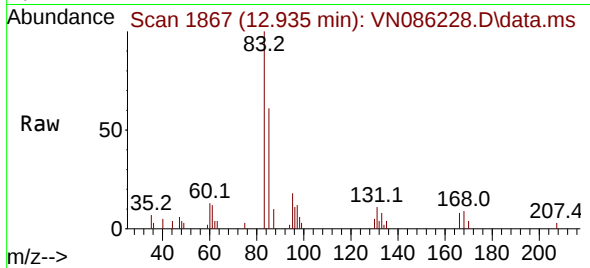




#71
1,1,2,2-Tetrachloroethane
Concen: 7.760 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

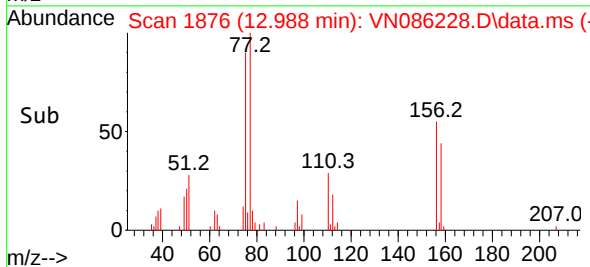
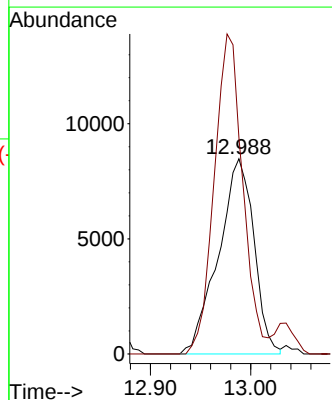
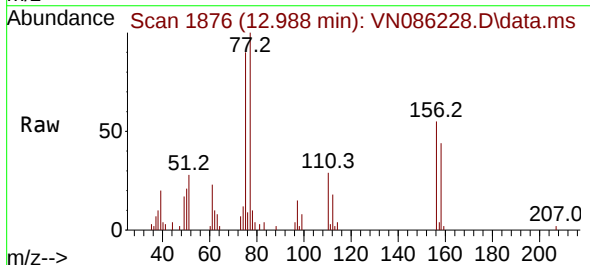
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

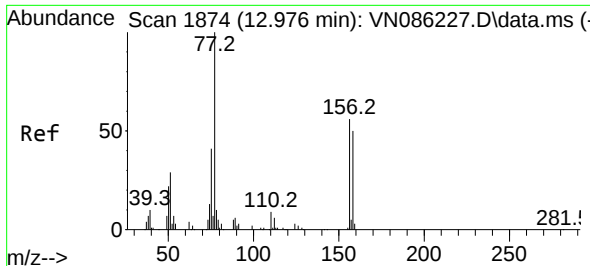
Tgt Ion: 83 Resp: 14121
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.5 32.6 97.8



#72
1,2,3-Trichloropropane
Concen: 11.890 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 75 Resp: 20891
Ion Ratio Lower Upper
75 100
77 131.8 0.0 412.2

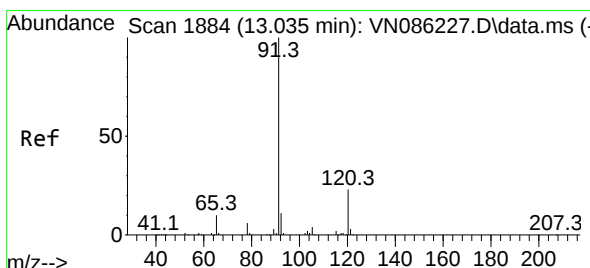
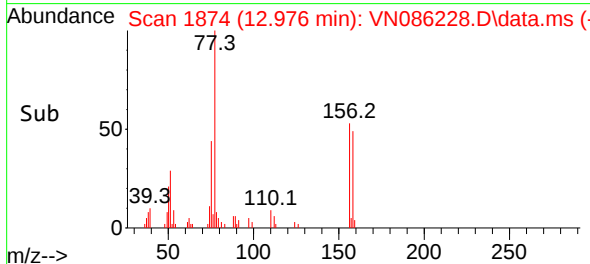
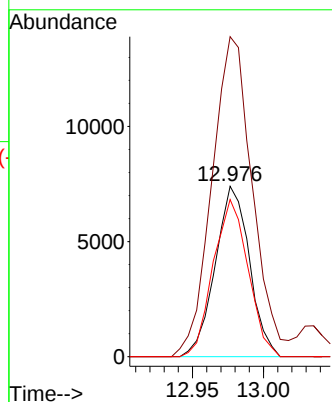
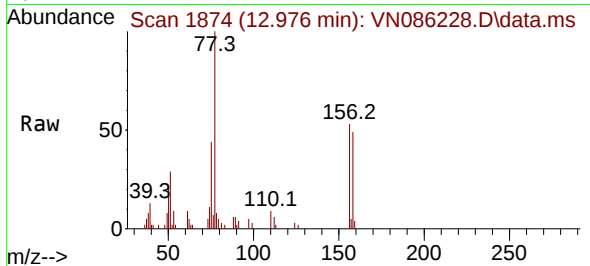




#73
Bromobenzene
Concen: 7.668 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

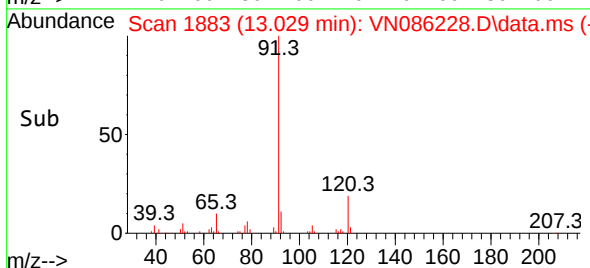
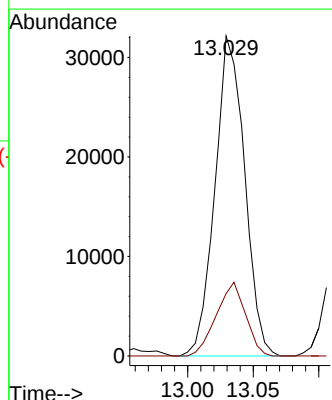
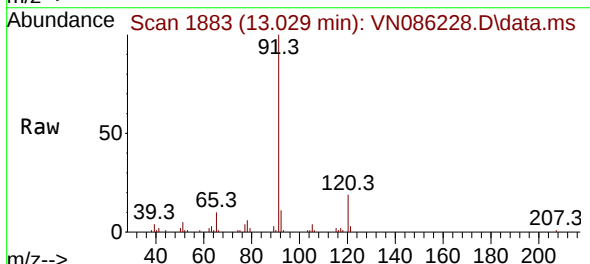
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

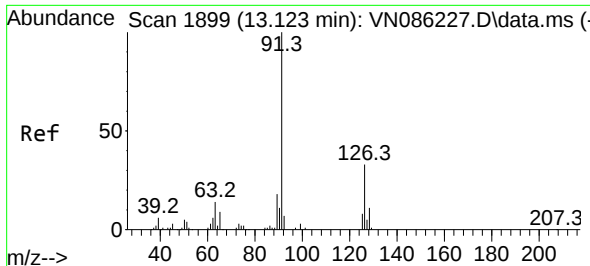
Tgt Ion:156 Resp: 12396
Ion Ratio Lower Upper
156 100
77 222.1 0.0 431.8
158 93.7 0.0 197.0



#74
n-propylbenzene
Concen: 7.033 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 91 Resp: 50517
Ion Ratio Lower Upper
91 100
120 22.7 0.0 46.0

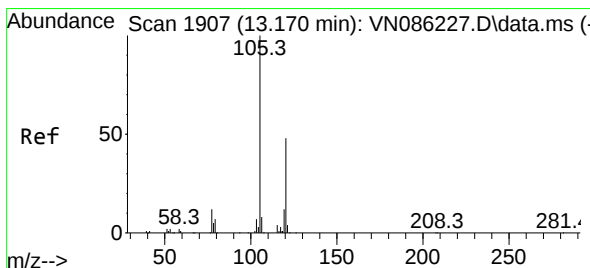
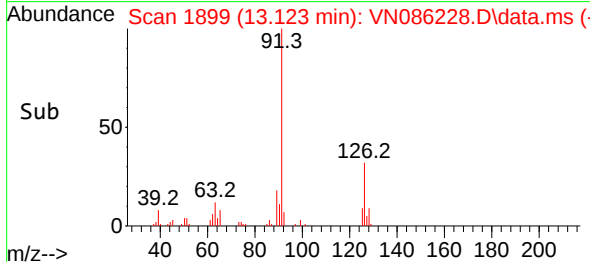
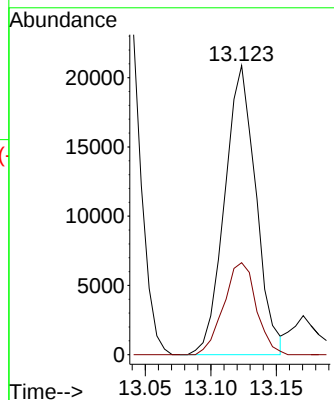
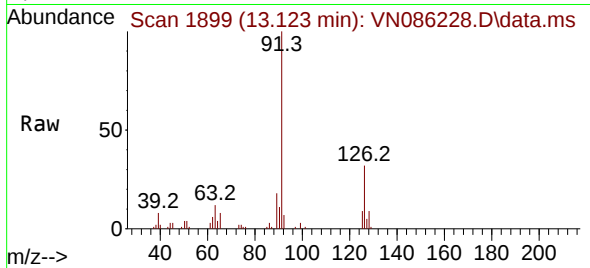




#75
2-Chlorotoluene
Concen: 7.251 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

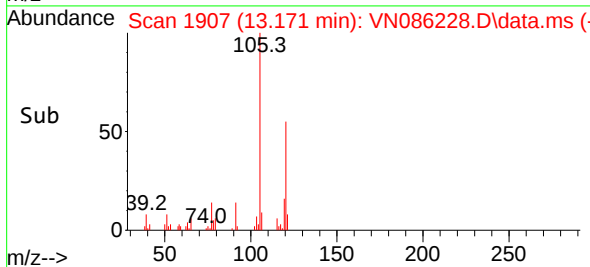
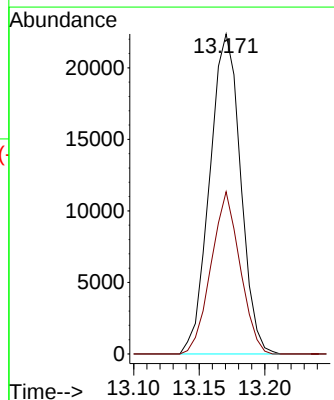
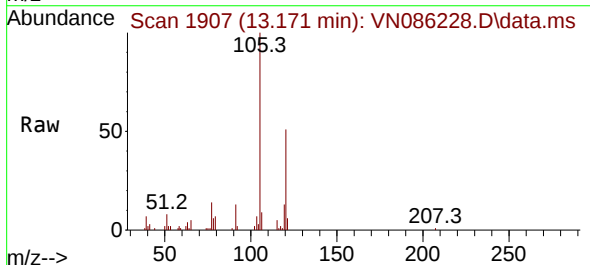
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

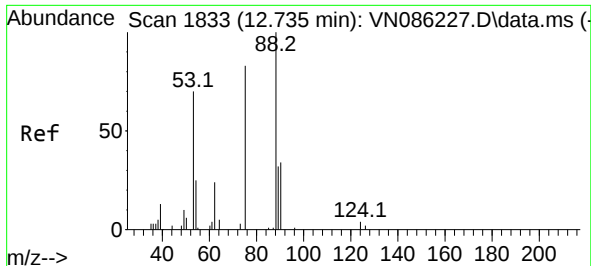
Tgt Ion: 91 Resp: 34680
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.6



#76
1,3,5-Trimethylbenzene
Concen: 6.921 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 105 Resp: 36607
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.8

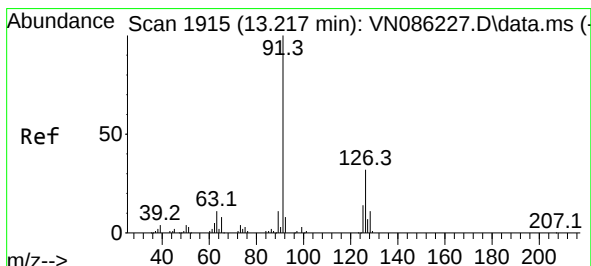
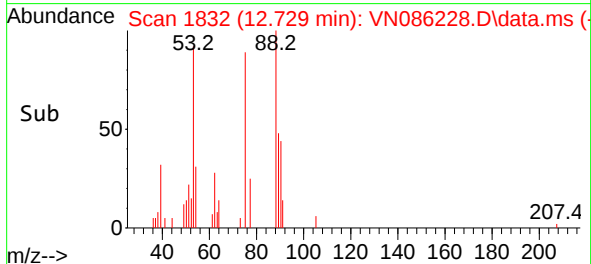
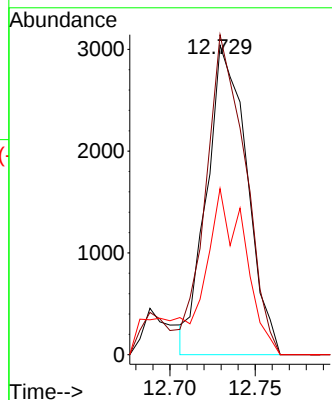
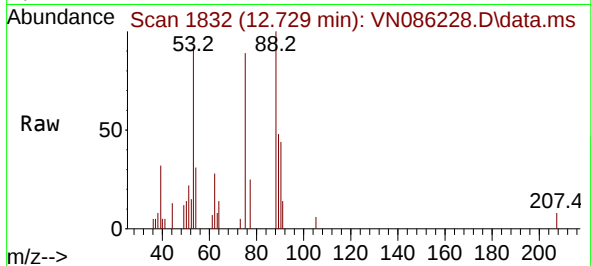




#77
t-1,4-Dichloro-2-butene
Concen: 7.092 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

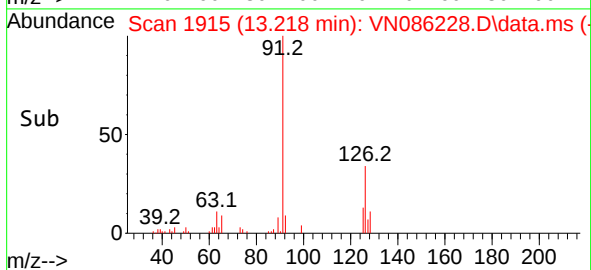
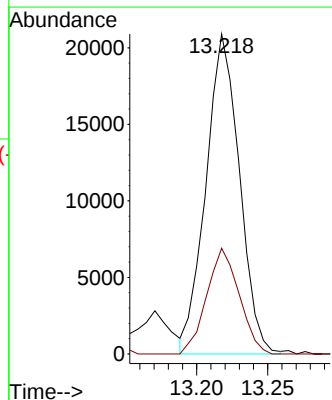
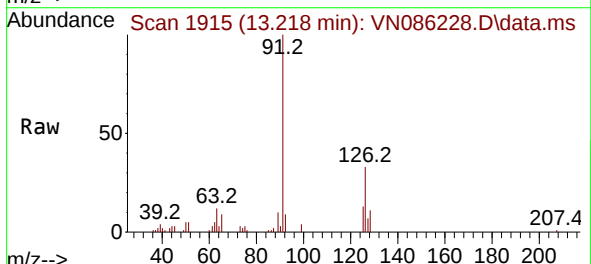
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

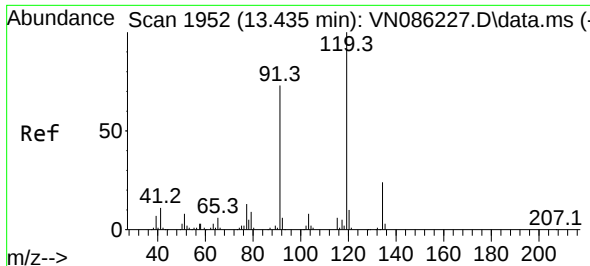
Tgt Ion: 75 Resp: 4970
Ion Ratio Lower Upper
75 100
53 103.4 42.0 126.0
89 53.7 21.6 65.0



#78
4-Chlorotoluene
Concen: 7.233 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion: 91 Resp: 34310
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.4

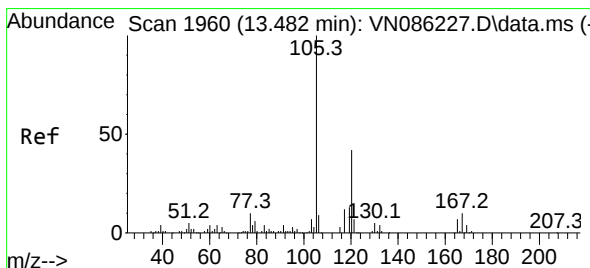
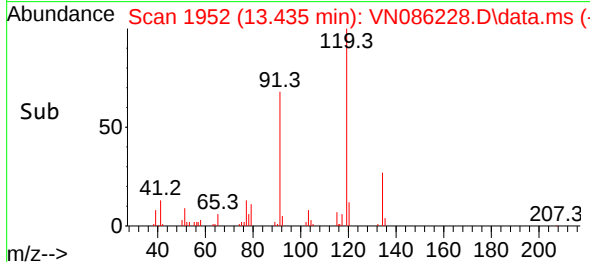
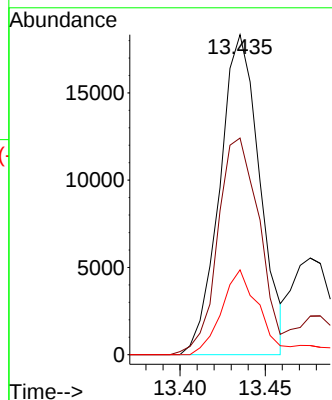
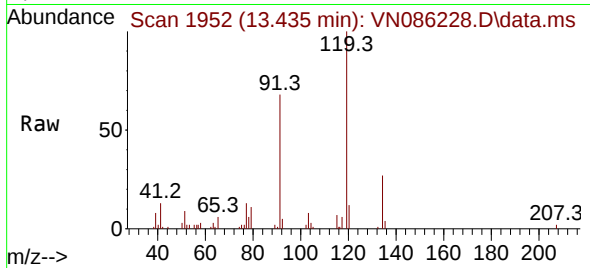




#79
tert-butylbenzene
Concen: 6.896 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

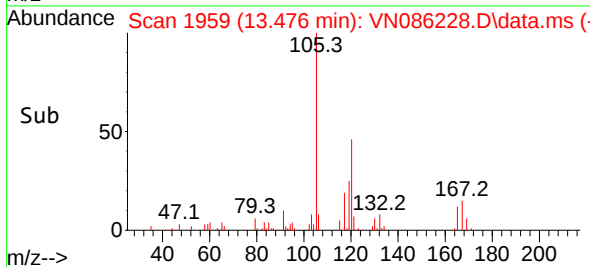
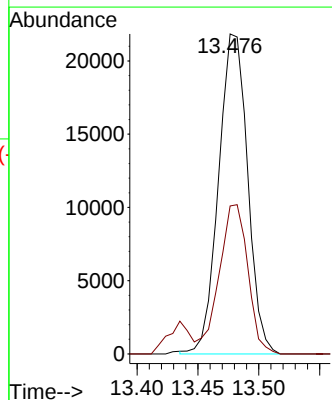
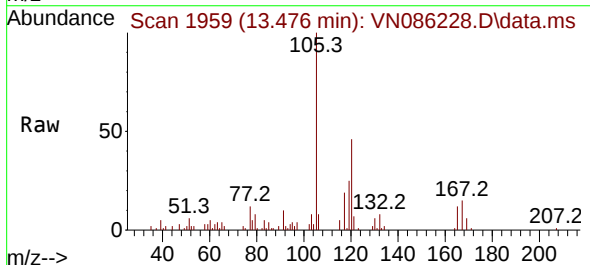
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

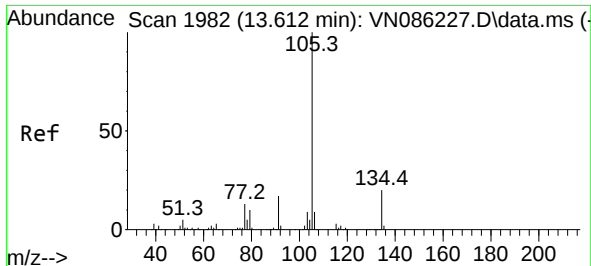
Tgt Ion:119 Resp: 30057
Ion Ratio Lower Upper
119 100
91 69.9 0.0 138.6
134 24.5 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 6.840 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:105 Resp: 36302
Ion Ratio Lower Upper
105 100
120 46.3 0.0 86.6

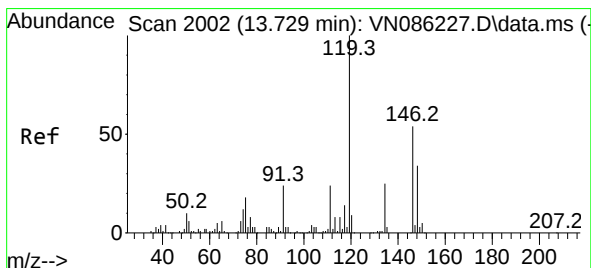
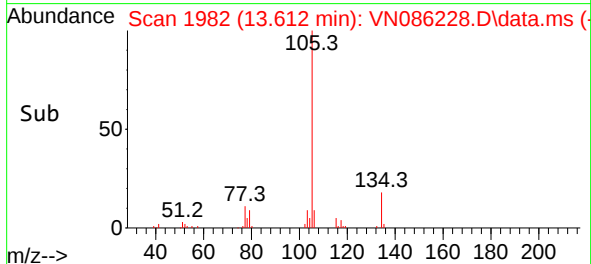
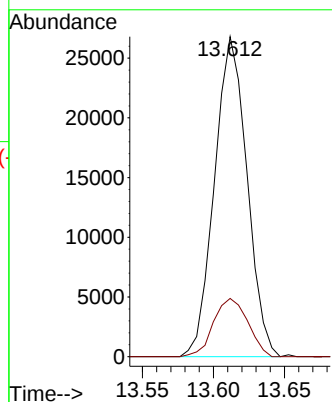
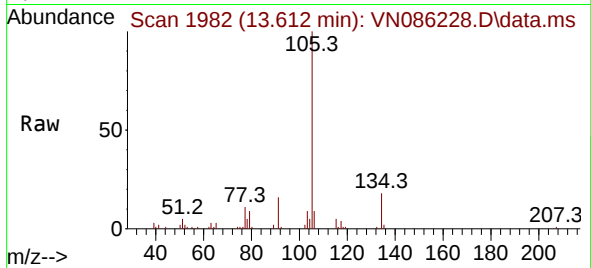




#81
 sec-Butylbenzene
 Concen: 7.149 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086228.D
 Acq: 04 Apr 2025 12:50

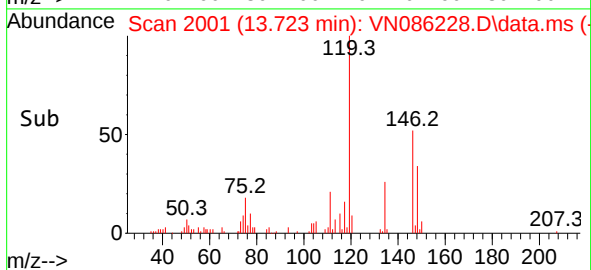
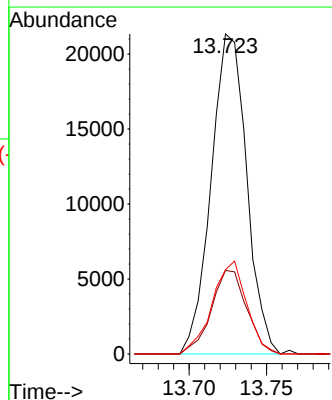
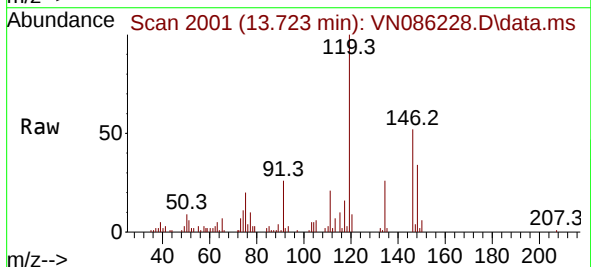
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

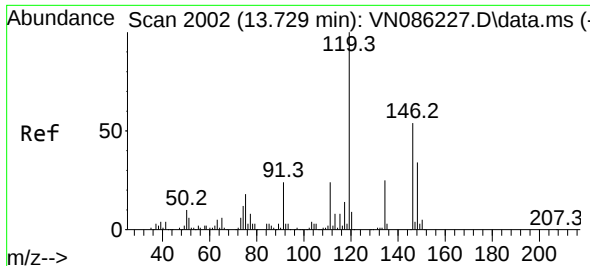
Tgt Ion:105 Resp: 42677
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 6.961 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086228.D
 Acq: 04 Apr 2025 12:50

Tgt Ion:119 Resp: 34002
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 28.2 0.0 50.4

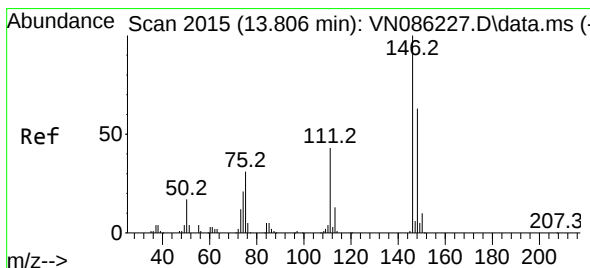
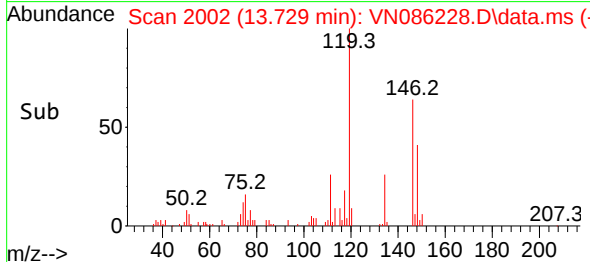
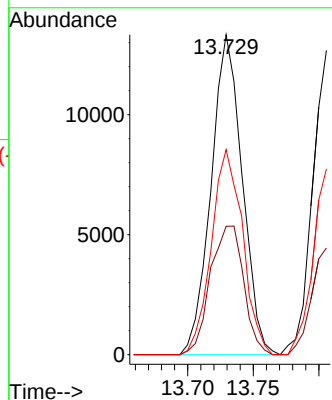
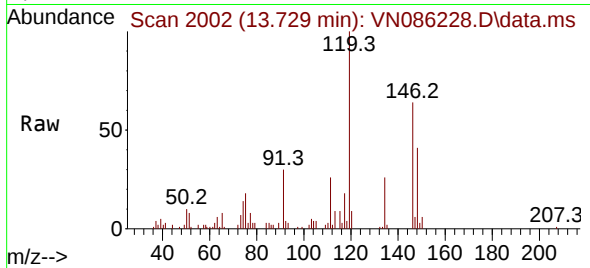




#83
1,3-Dichlorobenzene
Concen: 7.501 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

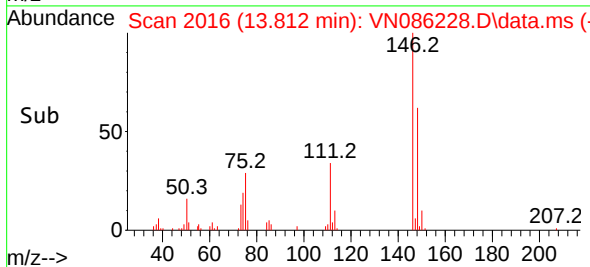
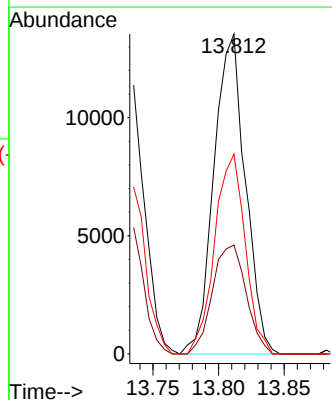
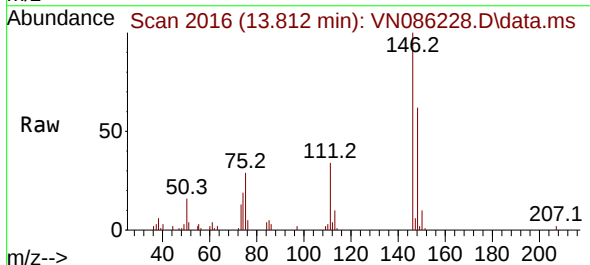
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

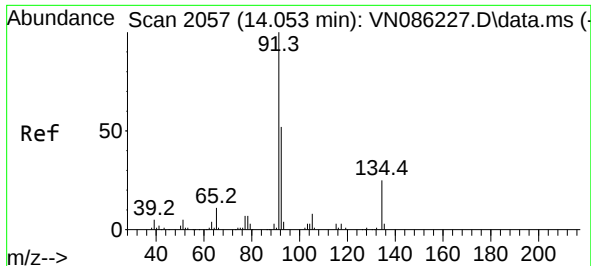
Tgt Ion:146 Resp: 22025
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.4
148 64.4 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 7.871 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:146 Resp: 22559
Ion Ratio Lower Upper
146 100
111 36.5 20.4 61.3
148 60.7 31.6 94.8

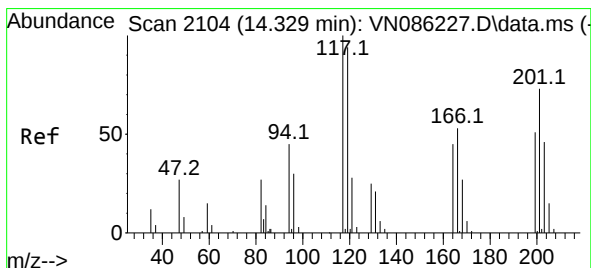
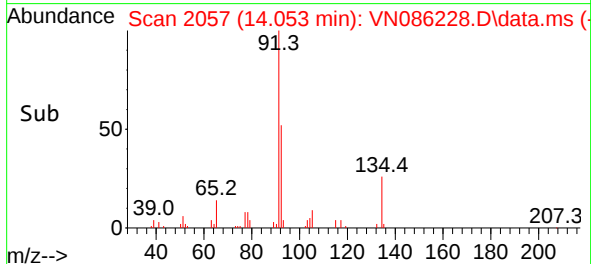
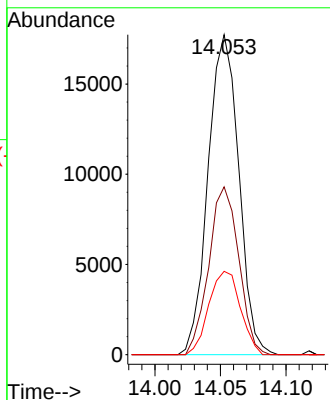
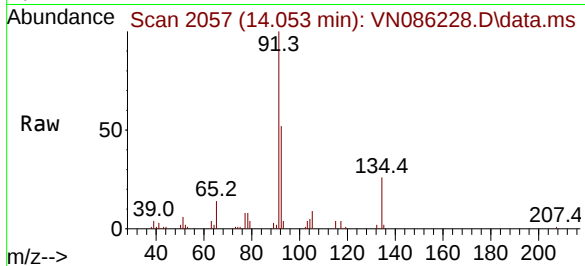




#85
n-Butylbenzene
Concen: 7.319 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

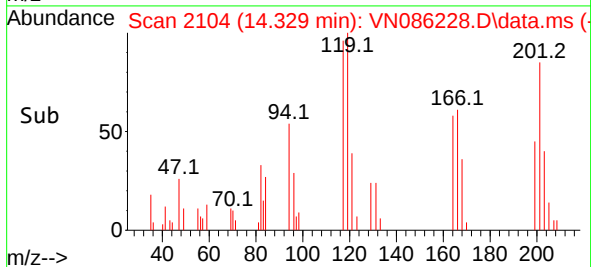
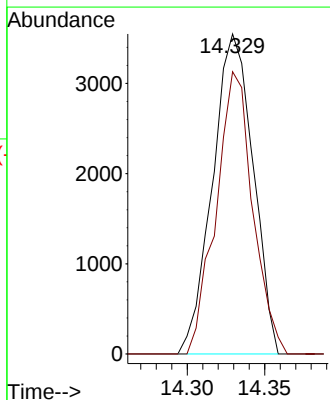
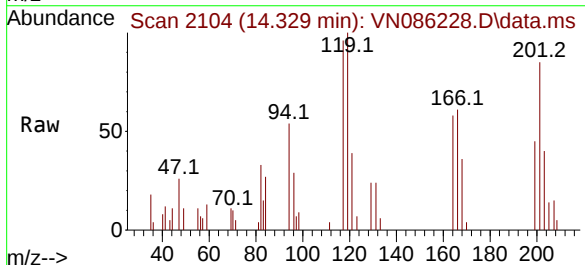
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

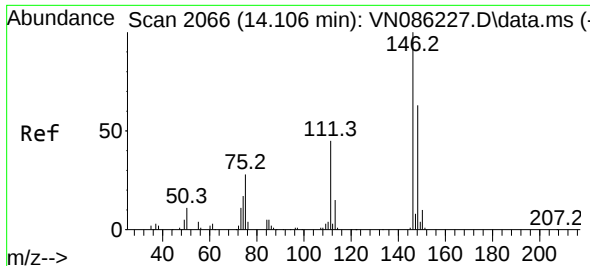
Tgt Ion:	91	Resp:	28866
Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	106.2
134	26.8	0.0	49.8



#86
Hexachloroethane
Concen: 7.457 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086228.D
Acq: 04 Apr 2025 12:50

Tgt Ion:	117	Resp:	6454
Ion	Ratio	Lower	Upper
117	100		
201	79.8	36.4	109.2





#87

1,2-Dichlorobenzene

Concen: 7.764 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

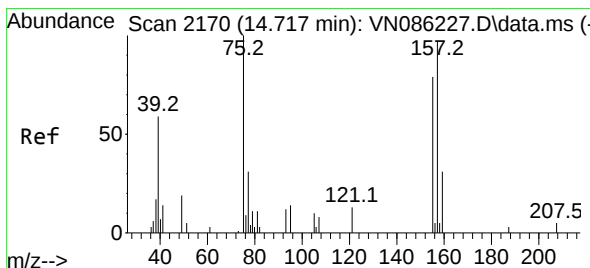
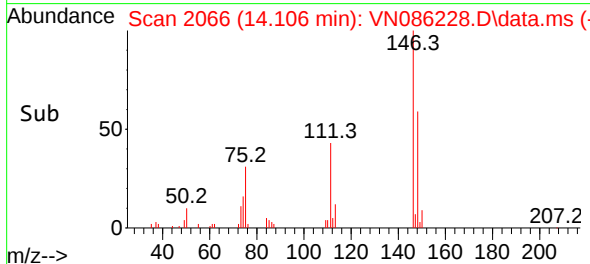
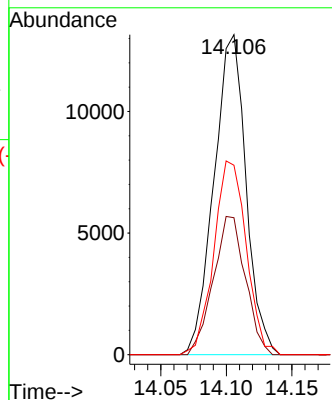
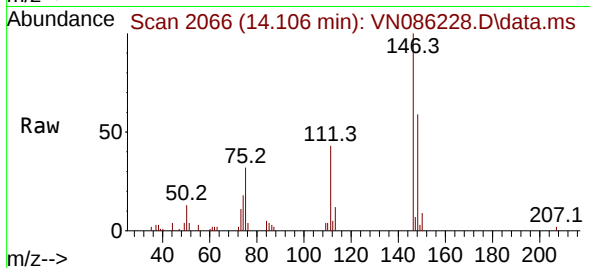
Tgt Ion:146 Resp: 22329

Ion Ratio Lower Upper

146 100

111 43.3 22.4 67.2

148 61.5 31.8 95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 7.877 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

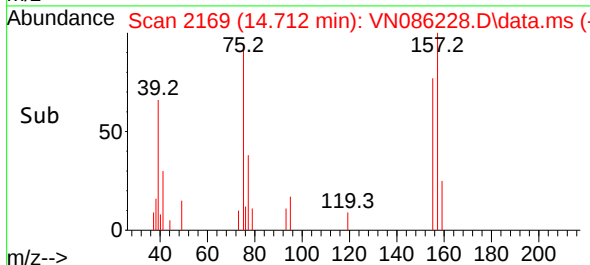
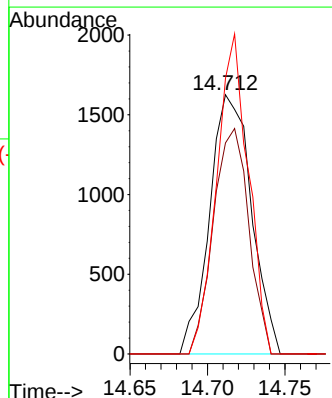
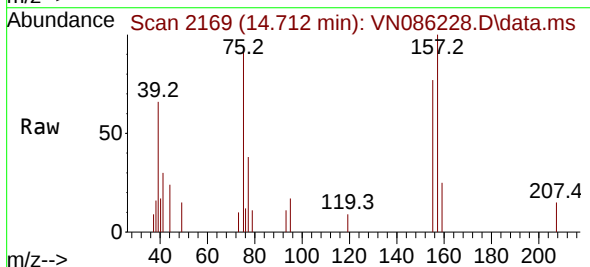
Tgt Ion: 75 Resp: 3050

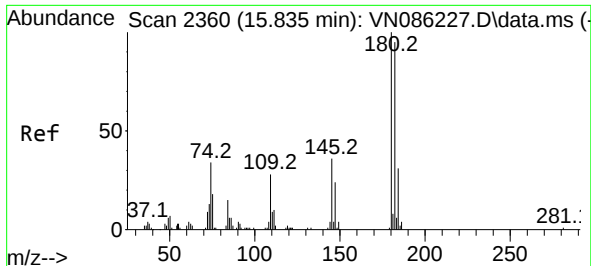
Ion Ratio Lower Upper

75 100

155 73.9 63.3 94.9

157 93.2 81.3 121.9





#89

1,2,4-Trichlorobenzene

Concen: 7.977 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

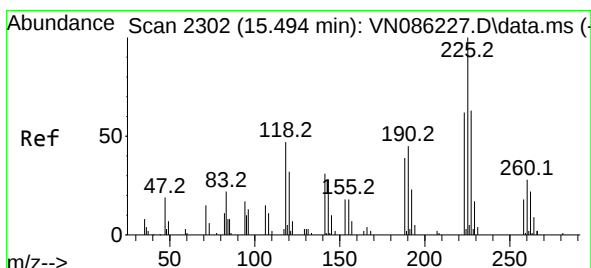
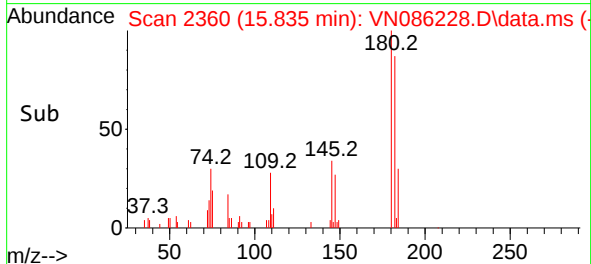
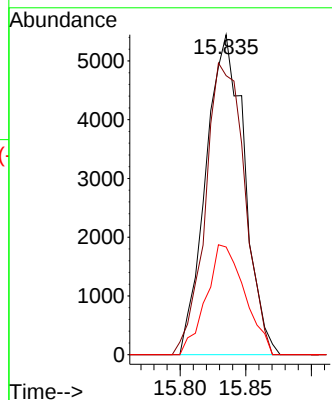
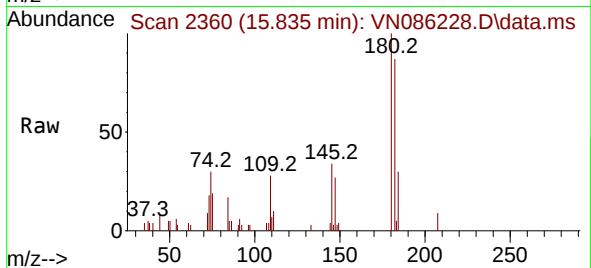
Tgt Ion:180 Resp: 11161

Ion Ratio Lower Upper

180 100

182 92.4 78.6 117.8

145 34.2 27.8 41.6



#90

Hexachlorobutadiene

Concen: 9.340 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

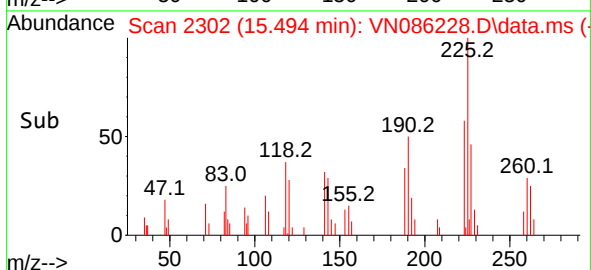
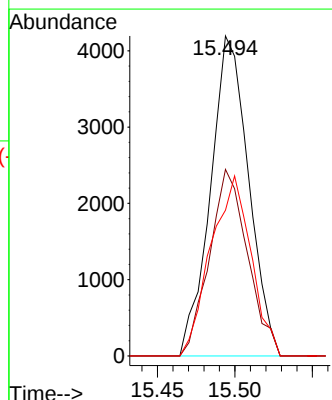
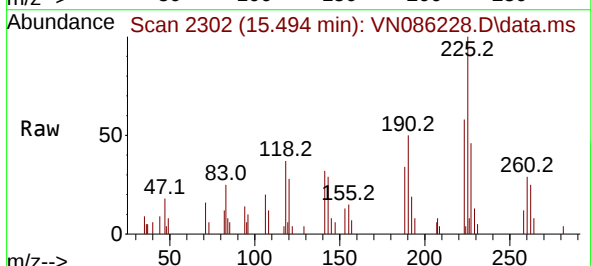
Tgt Ion:225 Resp: 7164

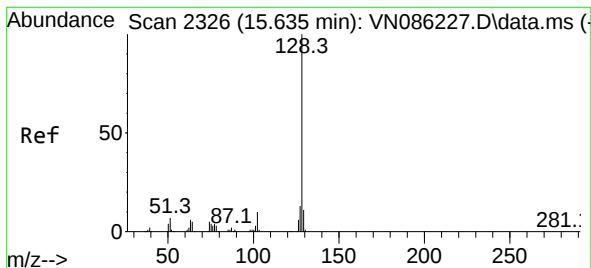
Ion Ratio Lower Upper

225 100

223 58.3 0.0 126.2

227 59.3 0.0 124.6





#91

Naphthalene

Concen: 7.437 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

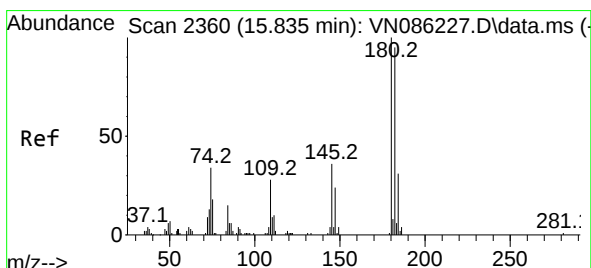
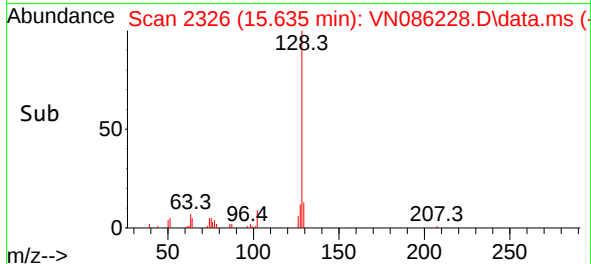
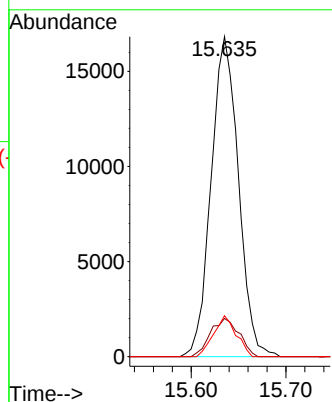
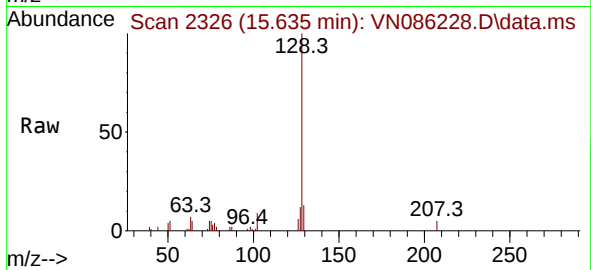
Tgt Ion:128 Resp: 33727

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.6 8.5 12.7



#92

1,2,3-Trichlorobenzene

Concen: 7.977 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086228.D

Acq: 04 Apr 2025 12:50

Tgt Ion:180 Resp: 11161

Ion Ratio Lower Upper

180 100

182 92.4 0.0 196.4

145 34.2 0.0 69.4

