

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086226.D
 Acq On : 04 Apr 2025 12:02
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Apr 04 23:44:41 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	21086	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	115744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	109674	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61937	29.268	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.567%		
60) 4-Bromofluorobenzene	12.847	95	64126	31.381	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.600%		
63) Toluene-d8	10.565	98	182717	29.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	94649	66.239	ug/l	98
3) Chloromethane	2.365	50	93866	60.476	ug/l	100
4) Vinyl Chloride	2.518	62	93227	64.494	ug/l	98
5) Bromomethane	2.965	94	46019	61.385	ug/l	97
6) Chloroethane	3.124	64	54480	63.155	ug/l	97
7) Trichlorofluoromethane	3.501	101	121912	63.005	ug/l	92
8) Diethyl Ether	3.953	74	41376	64.157	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	65291	60.666	ug/l	99
10) 1,1-Dichloroethene	4.342	96	66054	62.881	ug/l	87
11) Methyl Iodide	4.595	142	85124	63.176	ug/l	98
12) Methyl Acetate	5.024	43	71301	51.368	ug/l	97
13) Acrolein	4.183	56	56408	372.047	ug/l	99
14) Acrylonitrile	5.718	53	172332	318.494	ug/l	99
15) Acetone	4.424	58	46594	276.033	ug/l	98
16) Carbon Disulfide	4.712	76	199504	59.286	ug/l	97
17) Allyl chloride	5.024	41	91174	62.398	ug/l	91
18) Methylene Chloride	5.277	84	75268	59.759	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	72012	63.478	ug/l	96
20) Diisopropyl ether	6.665	45	201737	65.769	ug/l	98
21) 1,1-Dichloroethane	6.565	63	129326	61.859	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	83863	62.329	ug/l	97
23) tert-Butyl Alcohol	5.512	59	62326	315.445	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	228155	66.491	ug/l	99
25) Chloroform	7.965	83	137321	62.592	ug/l	99
26) Cyclohexane	8.259	56	104278	61.965	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	93300	64.237	ug/l	96
30) 2-Butanone	7.477	43	205834	322.367	ug/l #	93
31) 2,2-Dichloropropane	7.489	77	118996	66.494	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	125330	63.810	ug/l	99
33) Carbon Tetrachloride	8.359	117	108363	64.688	ug/l	98
34) Benzene	8.606	78	303815	62.998	ug/l	98
35) Methacrylonitrile	7.771	41	44806	62.850	ug/l	98
36) 1,2-Dichloroethane	8.665	62	101752	63.527	ug/l #	89
37) Trichloroethene	9.347	130	75272	65.172	ug/l	91
38) Methylcyclohexane	9.600	83	103326	67.801	ug/l	98
39) 1,2-Dichloropropane	9.618	63	70196	62.816	ug/l	94
40) Dibromomethane	9.706	93	51429	62.368	ug/l	96
41) Bromodichloromethane	9.888	83	106381	64.229	ug/l	99
42) Vinyl Acetate	6.600	43	738234	324.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	84209	64.143	ug/l #	85
44) Isopropyl Acetate	8.683	43	142523	60.144	ug/l	100
45) 1,4-Dioxane	9.688	88	30151	1387.968	ug/l	95
46) Methyl methacrylate	9.677	41	63532	65.457	ug/l	94
47) n-amyl Acetate	12.488	43	117419	72.521	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	112015	65.631	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	119000	64.531	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	70797	65.669	ug/l	97
51) Ethyl methacrylate	10.871	69	108134	70.652	ug/l	98
52) 1,3-Dichloropropane	11.159	76	121706	64.797	ug/l	98
53) Dibromochloromethane	11.359	129	80653	64.254	ug/l	96
54) 1,2-Dibromoethane	11.465	107	70791	63.998	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	145906	207.902	ug/l	99
56) Bromoform	12.576	173	55722	65.618	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	427258	330.096	ug/l	99
59) 2-Hexanone	11.194	43	315536	339.627	ug/l	99
61) Tetrachloroethene	11.100	164	81537	63.701	ug/l	91
62) Toluene	10.629	91	318884	63.692	ug/l	99
64) Chlorobenzene	11.888	112	198687	63.604	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	72387	62.971	ug/l	99
66) Ethyl Benzene	11.959	91	337065	64.879	ug/l	99
67) m/p-Xylenes	12.071	106	272961	133.090	ug/l	97
68) o-Xylene	12.394	106	131636	66.492	ug/l	99
69) Styrene	12.406	104	222765	70.563	ug/l	100
70) Isopropylbenzene	12.694	105	324019	65.581	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	86961	60.680	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	136775	98.850	ug/l	50
73) Bromobenzene	12.976	156	83339	65.461	ug/l	98
74) n-propylbenzene	13.029	91	385970	68.240	ug/l	99
75) 2-Chlorotoluene	13.123	91	246159	65.352	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	281336	67.539	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	36551	66.229	ug/l	100
78) 4-Chlorotoluene	13.218	91	248843	66.617	ug/l	100
79) tert-butylbenzene	13.435	119	240440	70.047	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	286026	68.433	ug/l	98
81) sec-Butylbenzene	13.612	105	334779	71.210	ug/l	99
82) p-Isopropyltoluene	13.729	119	284018	73.839	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	152114	65.781	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	149564	66.266	ug/l	99
85) n-Butylbenzene	14.053	91	238964	76.943	ug/l	99
86) Hexachloroethane	14.329	117	46451	68.149	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	149791	66.135	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.712	75	20501	67.235	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	74584	67.687	ug/l	98
90) Hexachlorobutadiene	15.494	225	42882	70.994	ug/l	98
91) Naphthalene	15.635	128	238787	66.865	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	74584	67.687	ug/l	98

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Abundance

TIC: VN086226.D\data.ms

Time-->

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, M

Chloromethane, M

Vinyl Chloride, M

Bromomethane, M

Chloroethane, M

Trichlorofluoromethane, M

Diethyl Ether, T

Acrolein, M

Acetone, M

1,2-Dichlorobenzene, M

Methyl Iodide

Carbon Disulfide, M

Methyl Acetate

Methylene Chloride, M

tert-Butyl Alcohol, M

Acrylonitrile, M

1,1-Dichloroethane, M

Vinyl Acetate, M

2-Bromochloroethane, M

Ethyl Acetate

Methacrylonitrile

Chloroform, M

1,1,1-Trichloroethane, M

1,2-Dichloroethane, M

1,2-Dichlorobenzene, M

1,4-Difluorobenzene, I

Trichloroethene, M

Dibromochloromethane, M

1,1,2-Trichloroethane, M

Bromodichloromethane, M

cis-1,3-Dichloropropene, T

2-Chloroethyl vinyl ether, M

4-Methyl-2-Pentanone, M

Toluene, M

1,1,2-Trichloroethane, M

1,2-Dibromochloromethane, M

1,2-Dibromobenzene, M

Chlorobenzene, M

Chlorobenzene, M

n-Butyl Acetate

Bromochloroethane, M

1,2-Dichlorobenzene, M

1,3-Dichlorobenzene, M

1,2,3-Trichlorobenzene, M

4-Chlorotoluene

1,3,5-Trimethylbenzene

tert-Butylbenzene

sec-Butylbenzene

1,4-Dichlorobenzene, M

1,2-Dichlorobenzene, M

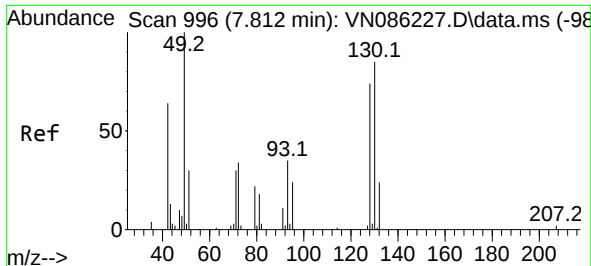
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1,2-Dibromo-3-Chloropropane

Hexachlorobutadiene

Naphthalene, M

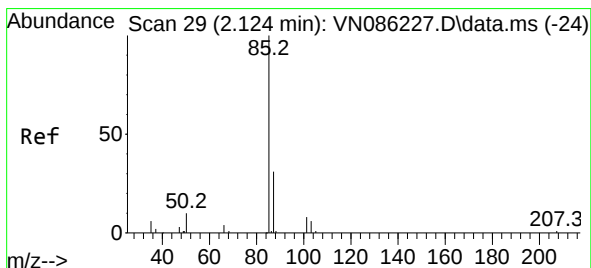
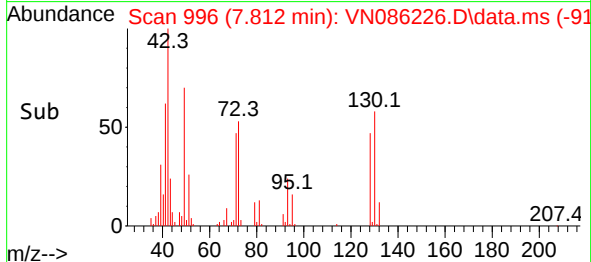
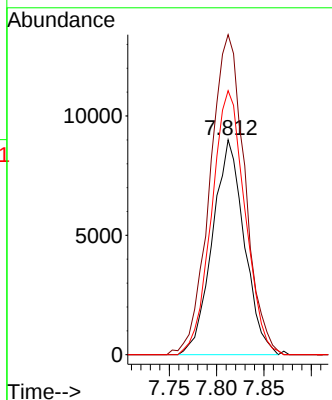
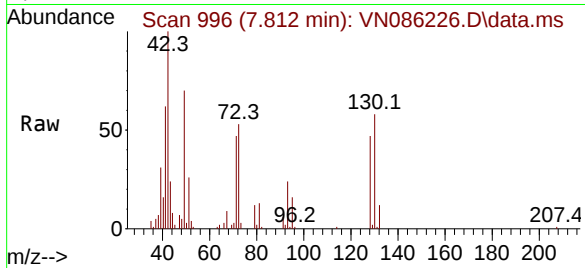
1,2,3-Trichlorobenzene



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
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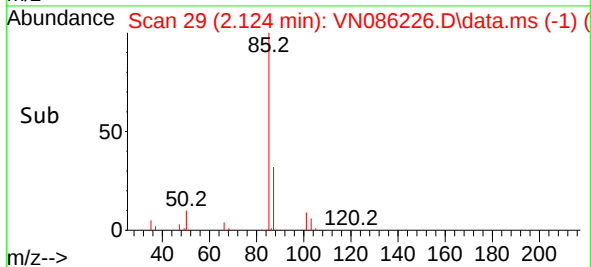
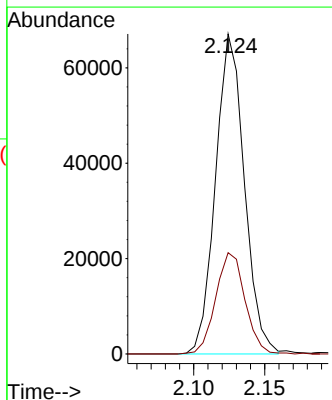
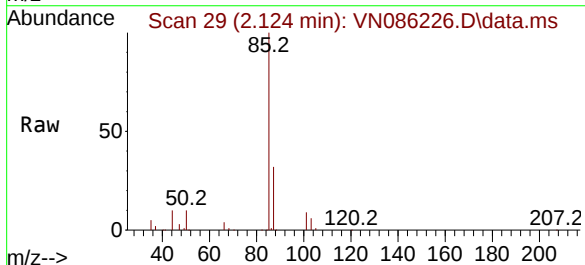
Instrument :
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ClientSampleId :
VSTDIC050

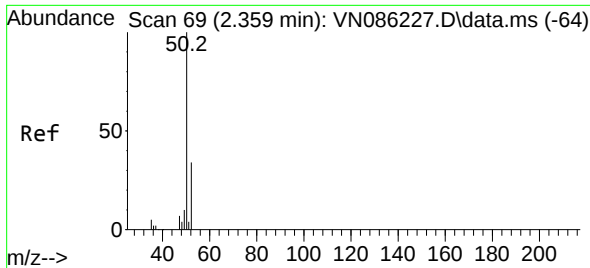
Tgt Ion:128 Resp: 21086
Ion Ratio Lower Upper
128 100
49 163.0 0.0 384.5
130 128.8 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 66.239 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 85 Resp: 94649
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.2

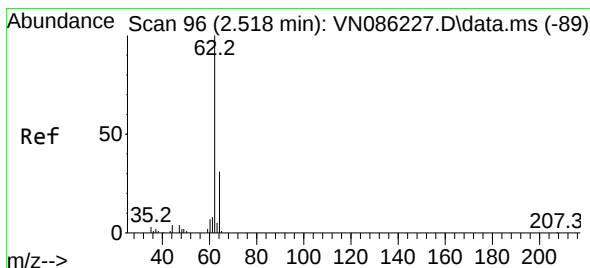
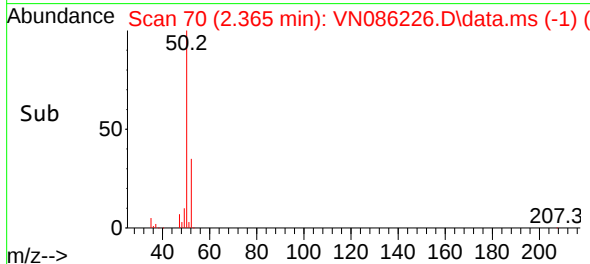
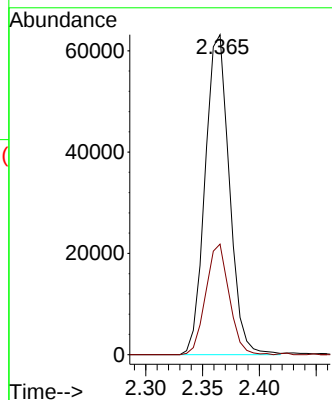
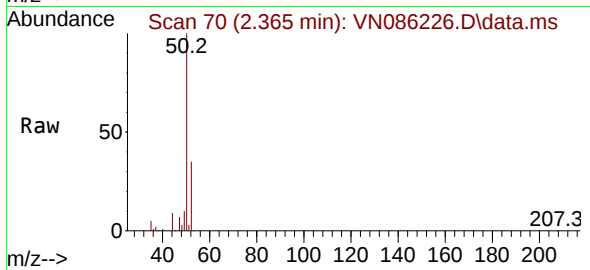




#3
Chloromethane
Concen: 60.476 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

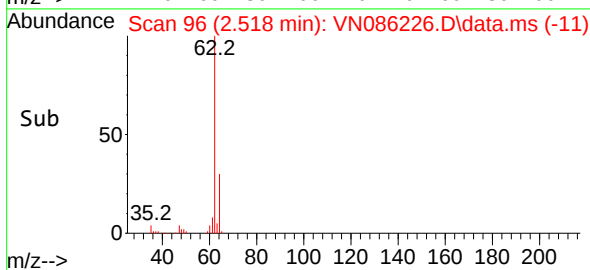
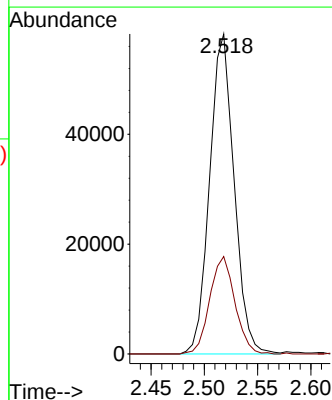
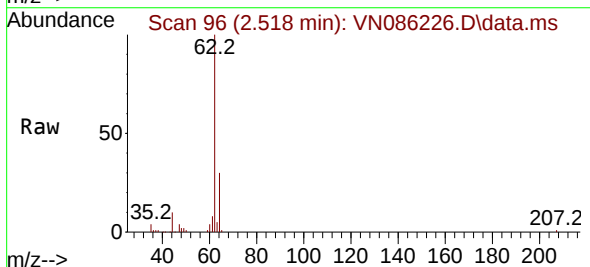
Instrument :
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ClientSampleId :
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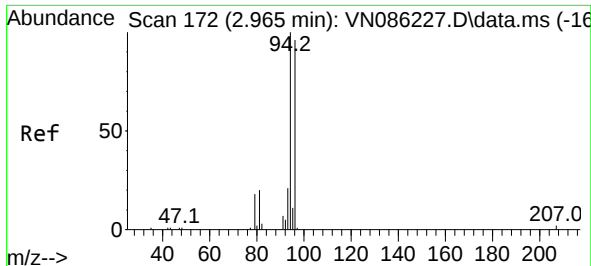
Tgt Ion: 50 Resp: 93866
Ion Ratio Lower Upper
50 100
52 34.6 27.5 41.3



#4
Vinyl Chloride
Concen: 64.494 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 62 Resp: 93227
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7

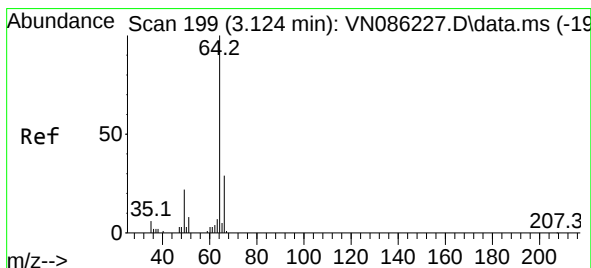
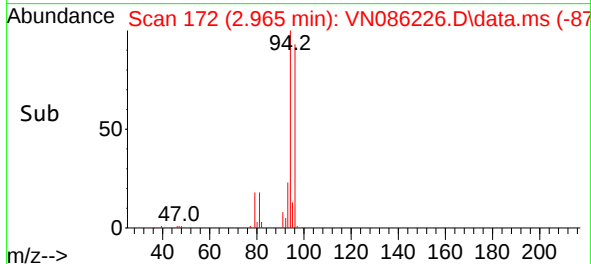
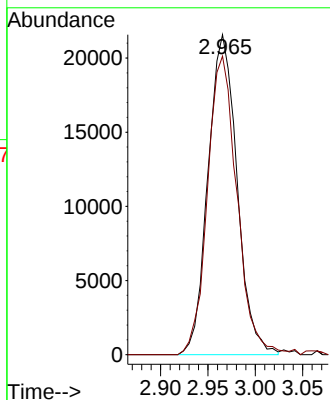
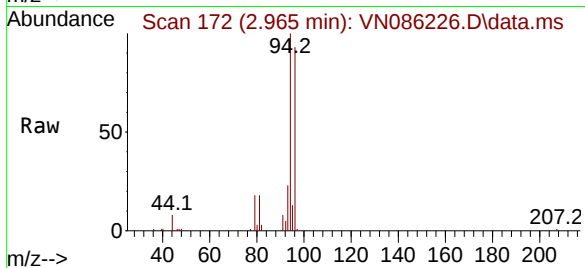




#5
Bromomethane
Concen: 61.385 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

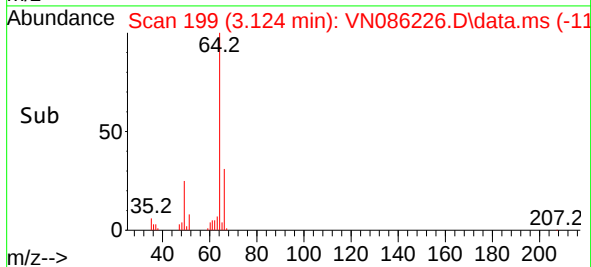
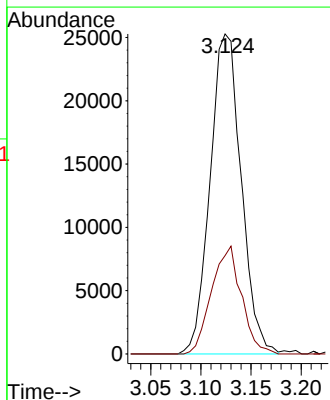
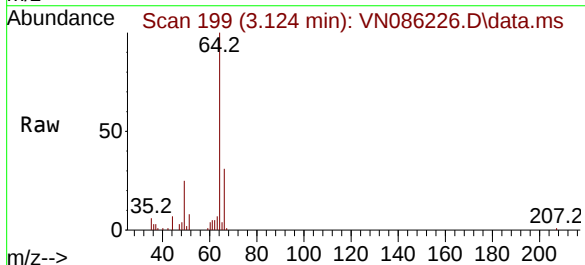
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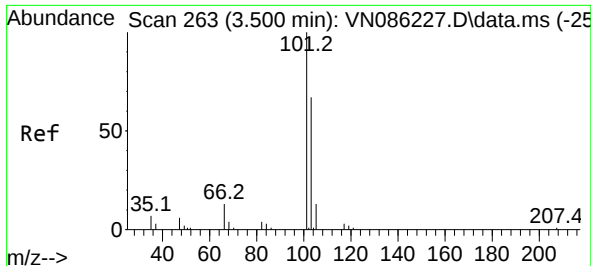
Tgt Ion: 94 Resp: 46019
Ion Ratio Lower Upper
94 100
96 93.3 77.0 115.4



#6
Chloroethane
Concen: 63.155 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 54480
Ion Ratio Lower Upper
64 100
66 30.7 23.4 35.0

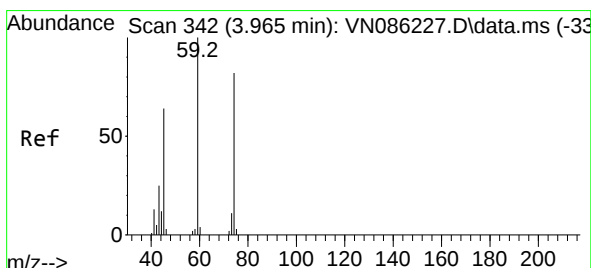
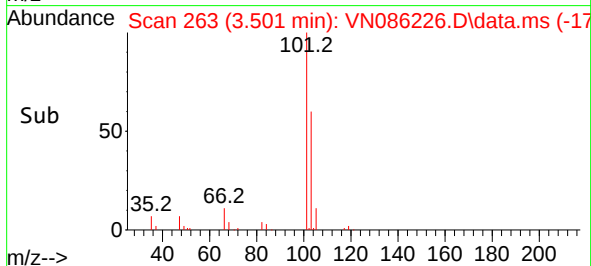
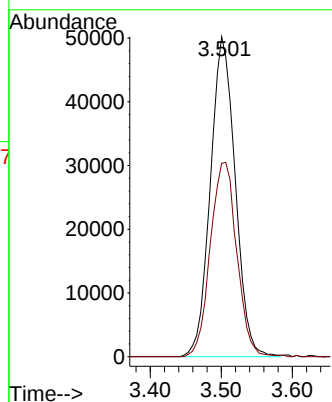
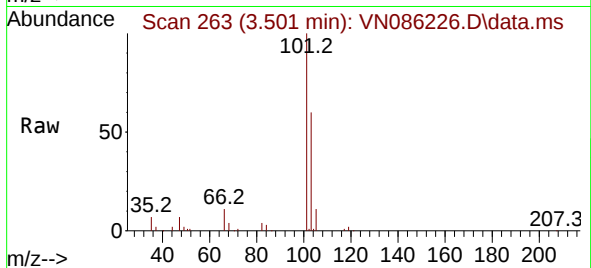




#7
Trichlorofluoromethane
Concen: 63.005 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

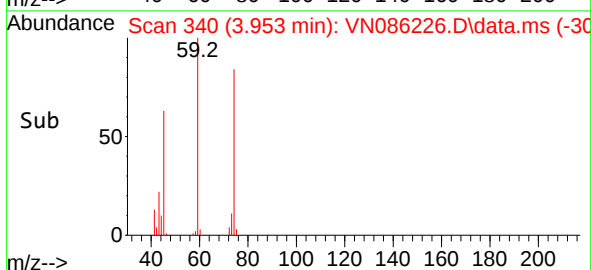
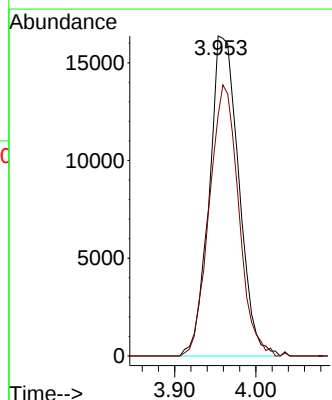
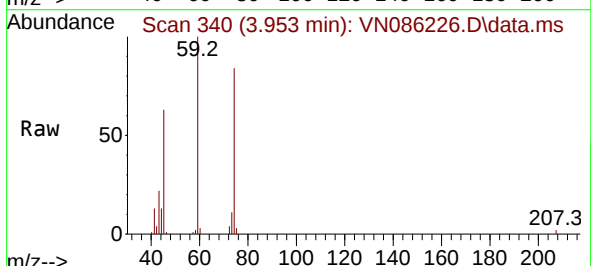
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VSTDIC050

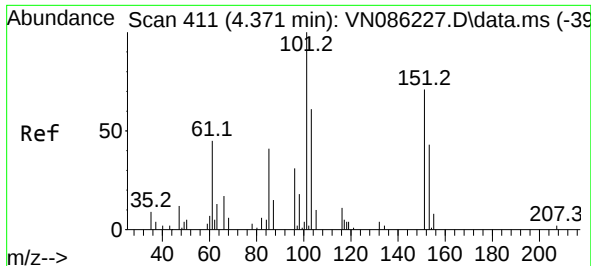
Tgt Ion:101 Resp: 121912
Ion Ratio Lower Upper
101 100
103 60.5 53.4 80.2



#8
Diethyl Ether
Concen: 64.157 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.012 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 74 Resp: 41376
Ion Ratio Lower Upper
74 100
45 84.1 16.5 148.5

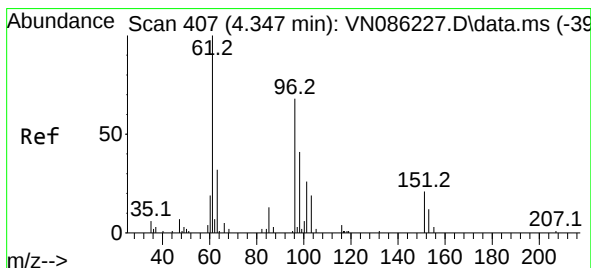
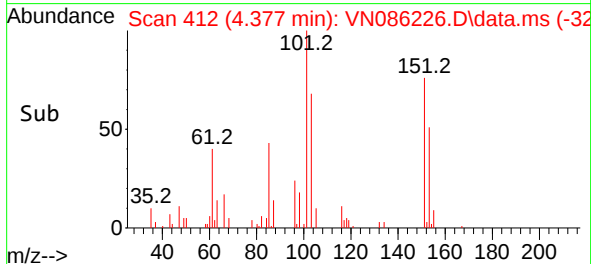
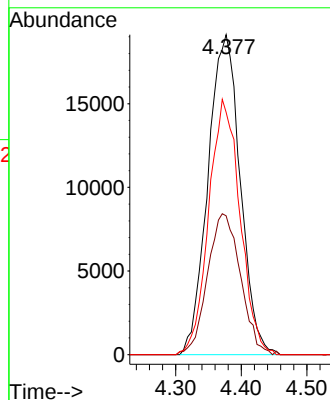
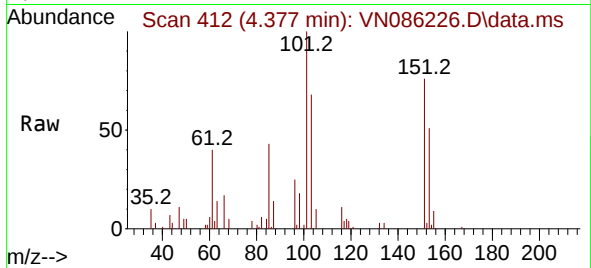




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.666 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

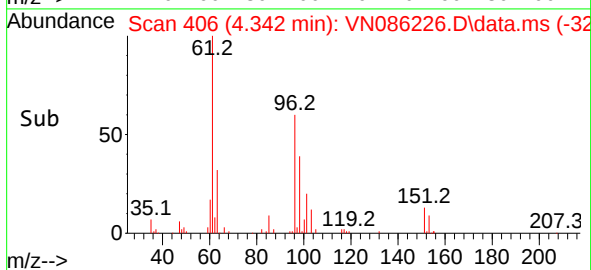
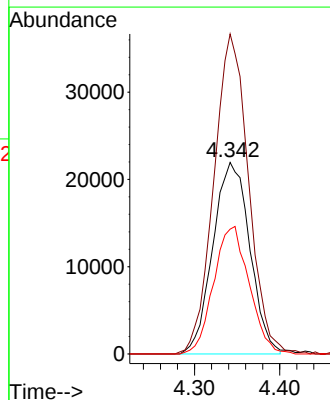
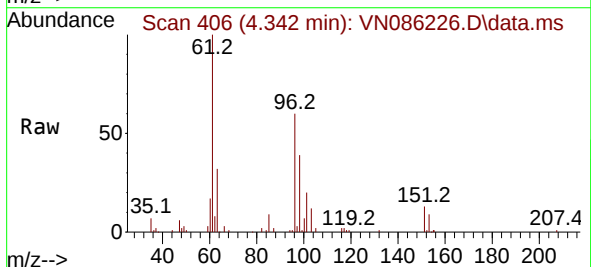
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

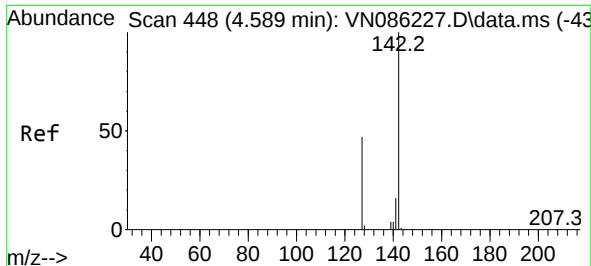
Tgt Ion:101 Resp: 65291
Ion Ratio Lower Upper
101 100
85 44.9 0.0 89.2
151 77.4 0.0 152.2



#10
1,1-Dichloroethene
Concen: 62.881 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 96 Resp: 66054
Ion Ratio Lower Upper
96 100
61 165.9 117.0 175.6
98 65.1 47.8 71.8

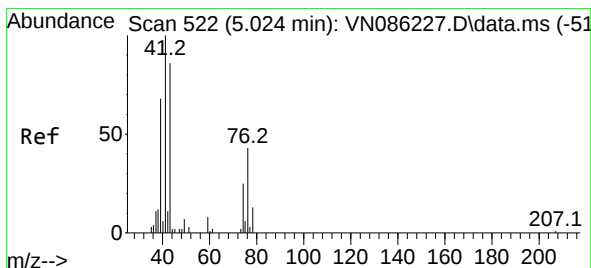
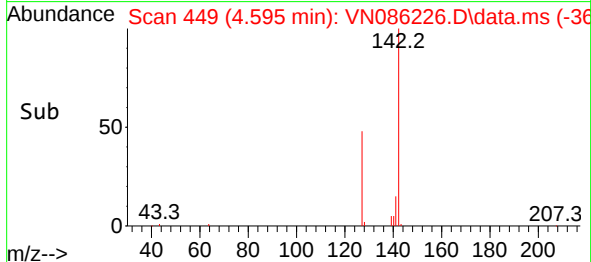
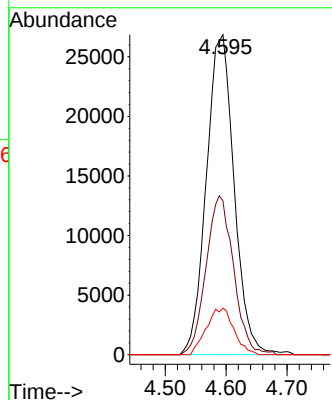
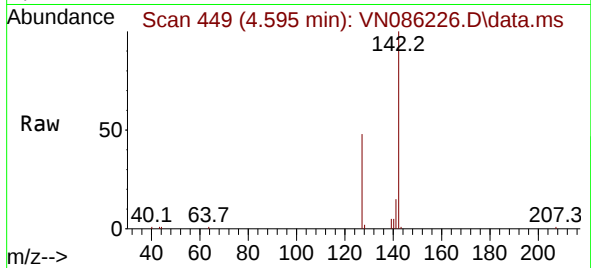




#11
Methyl Iodide
Concen: 63.176 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

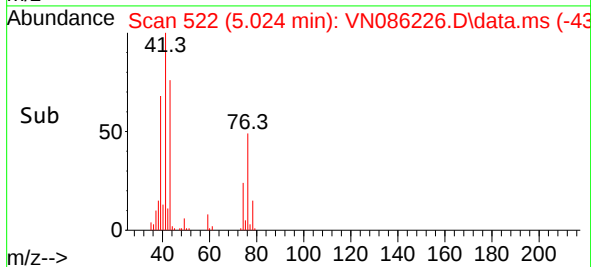
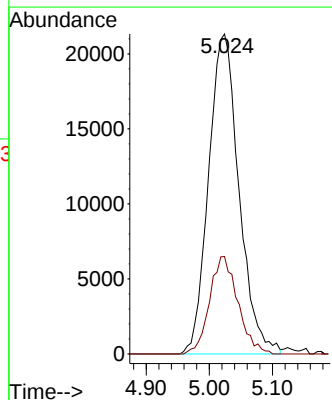
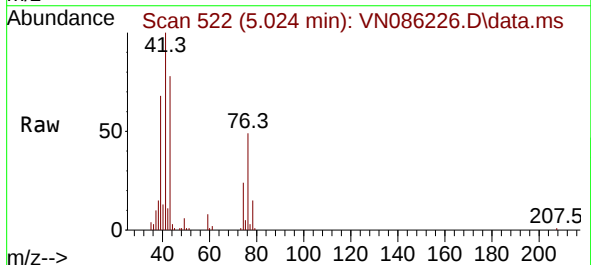
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

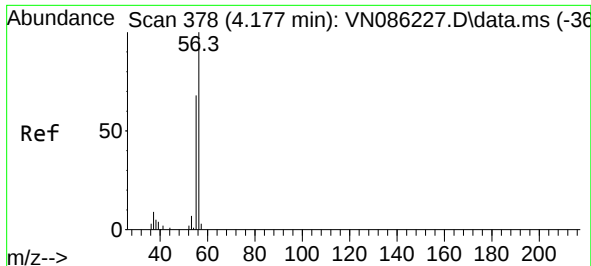
Tgt Ion:142 Resp: 85124
Ion Ratio Lower Upper
142 100
127 48.2 23.6 71.0
141 14.6 8.0 24.0



#12
Methyl Acetate
Concen: 51.368 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 43 Resp: 71301
Ion Ratio Lower Upper
43 100
74 30.7 23.2 34.8





#13

Acrolein

Concen: 372.047 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

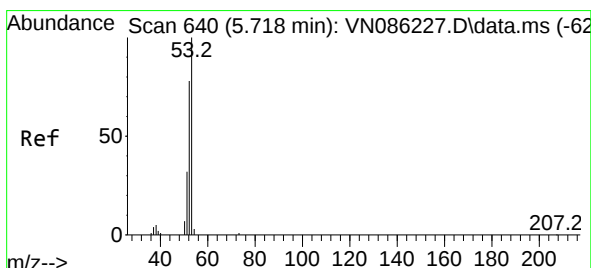
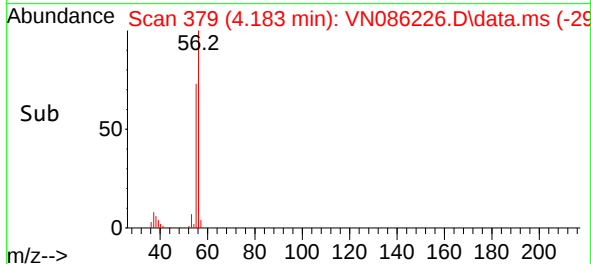
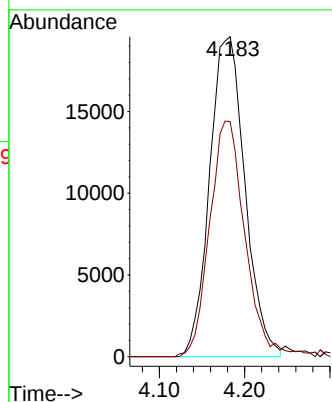
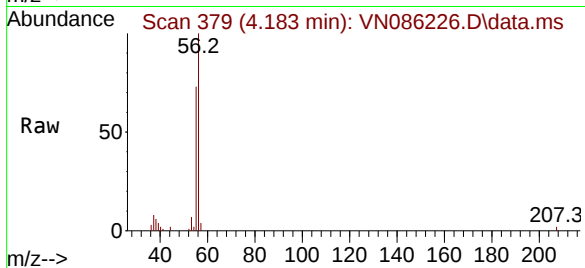
VSTDICC050

Tgt Ion: 56 Resp: 56408

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



#14

Acrylonitrile

Concen: 318.494 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

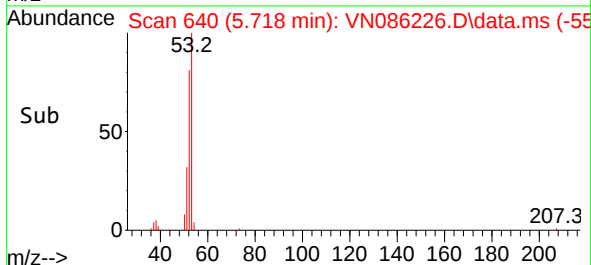
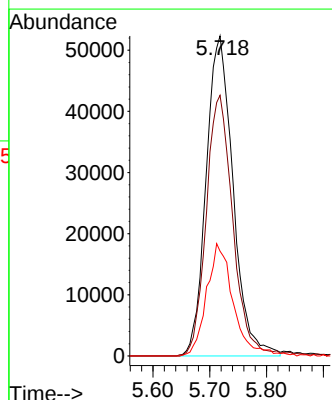
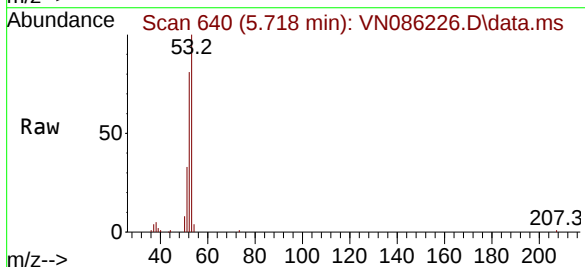
Tgt Ion: 53 Resp: 172332

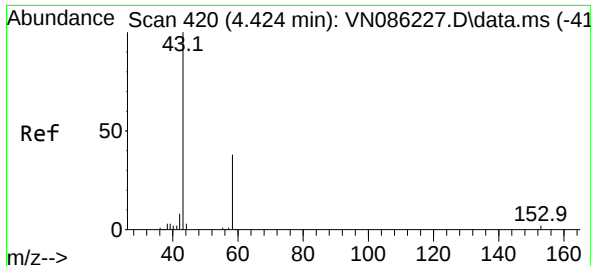
Ion Ratio Lower Upper

53 100

52 79.9 40.6 121.8

51 33.3 16.9 50.7

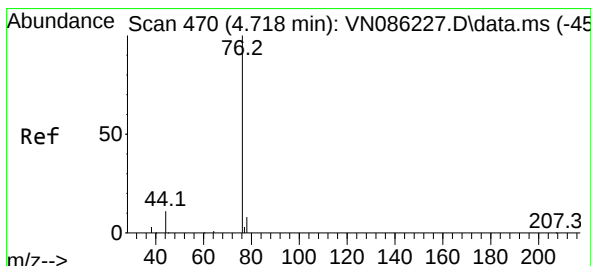
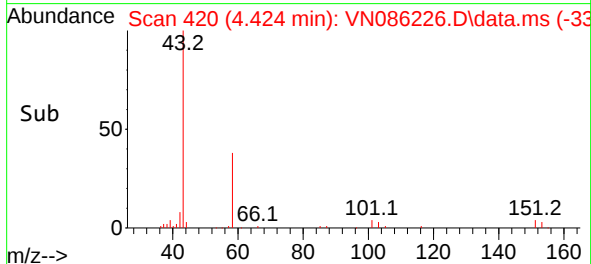
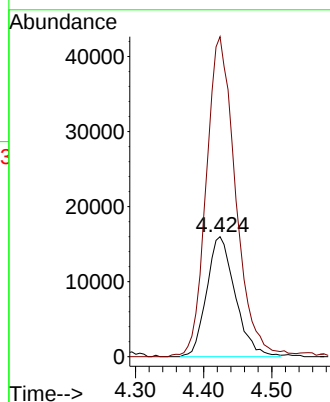
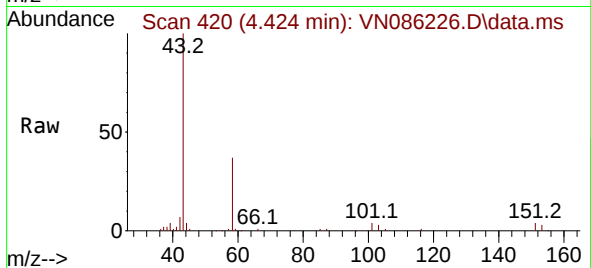




#15
Acetone
Concen: 276.033 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

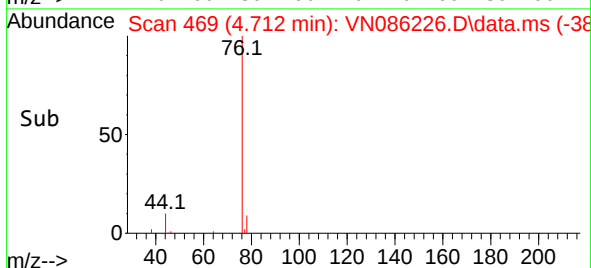
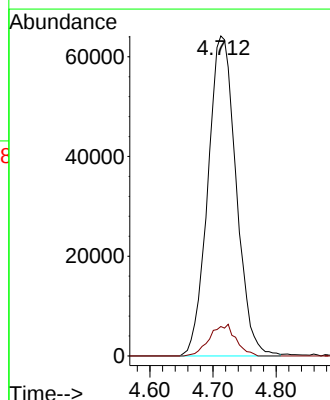
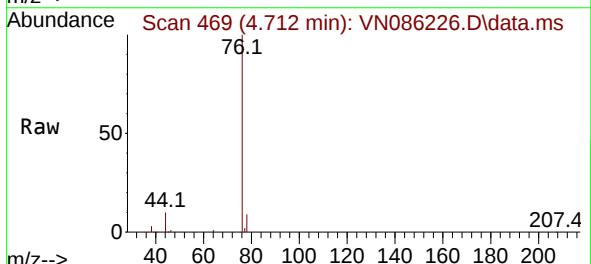
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

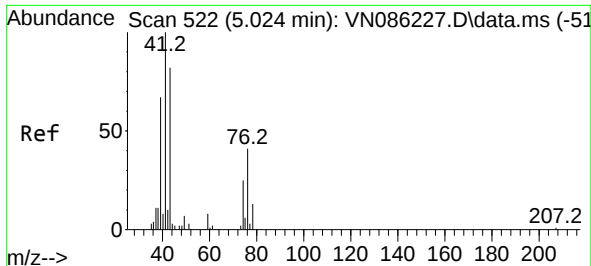
Tgt Ion: 58 Resp: 46594
Ion Ratio Lower Upper
58 100
43 264.8 209.6 314.4



#16
Carbon Disulfide
Concen: 59.286 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 76 Resp: 199504
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8





#17

Allyl chloride

Concen: 62.398 ug/l

RT: 5.024 min Scan# 511

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

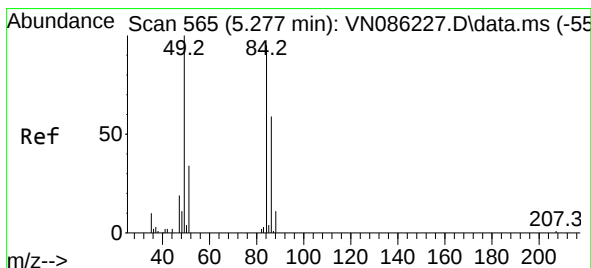
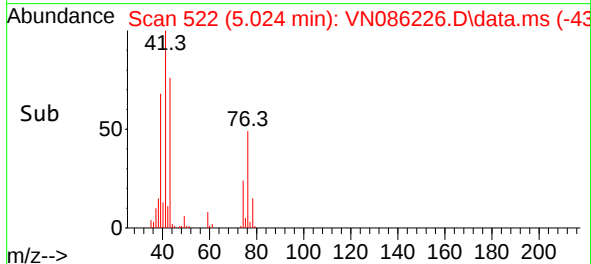
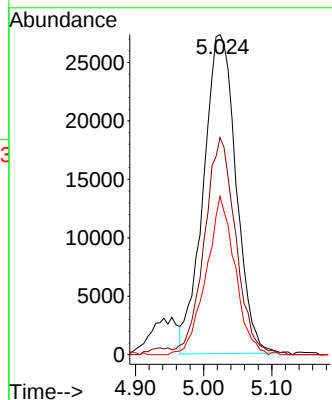
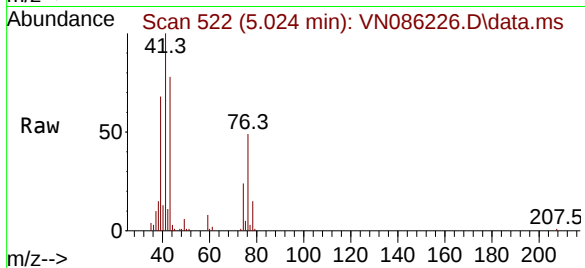
Tgt Ion: 41 Resp: 91174

Ion Ratio Lower Upper

41 100

39 67.7 32.1 96.5

76 49.8 19.6 58.7



#18

Methylene Chloride

Concen: 59.759 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Tgt Ion: 84 Resp: 75268

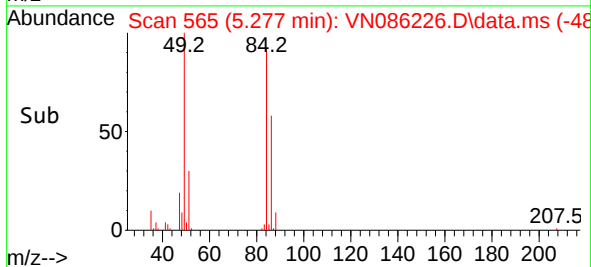
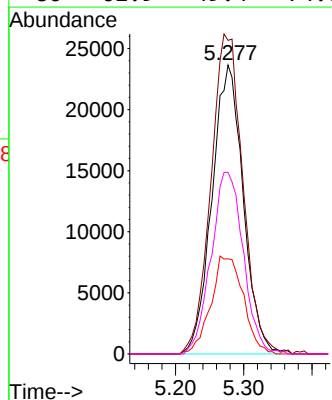
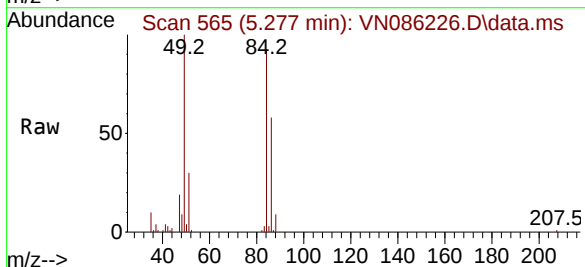
Ion Ratio Lower Upper

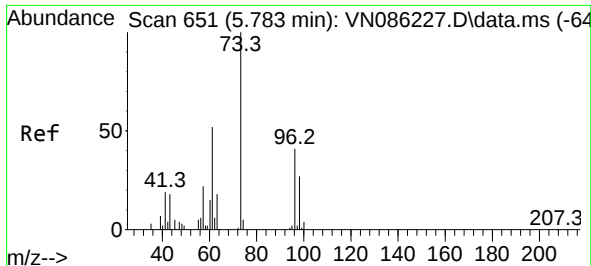
84 100

49 108.6 84.1 126.1

51 33.0 28.9 43.3

86 62.9 49.4 74.0

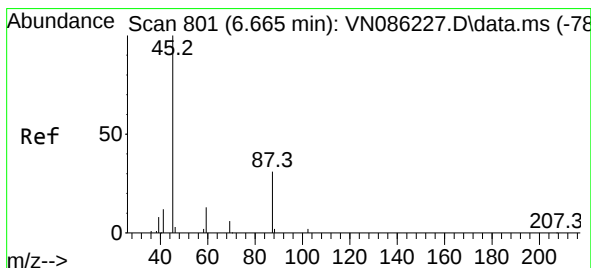
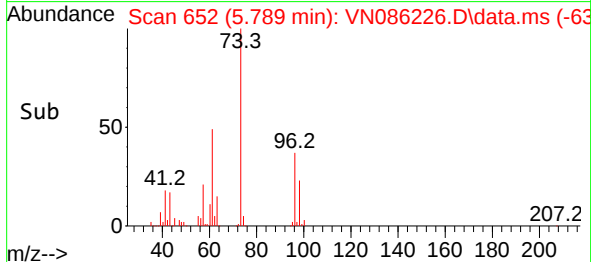
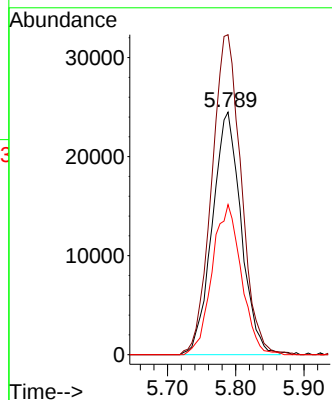
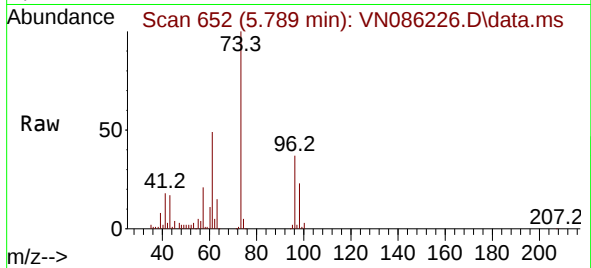




#19
trans-1,2-Dichloroethene
Concen: 63.478 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

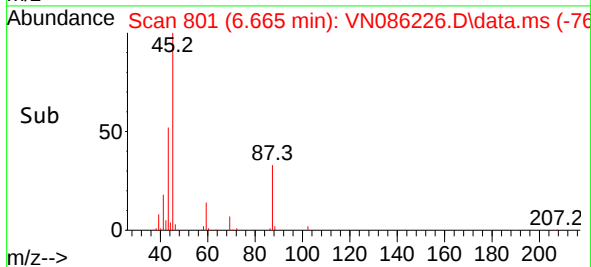
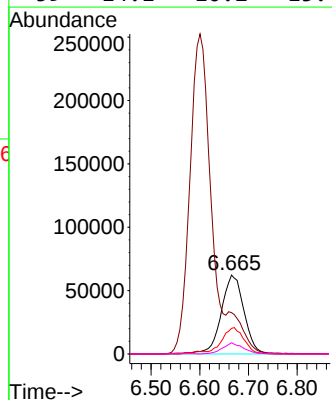
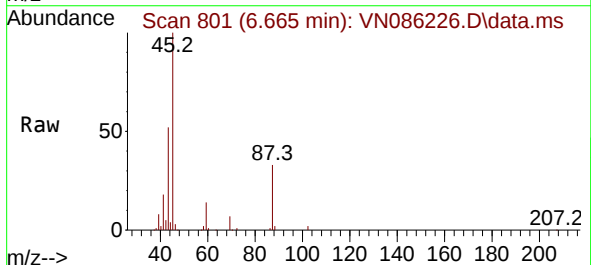
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

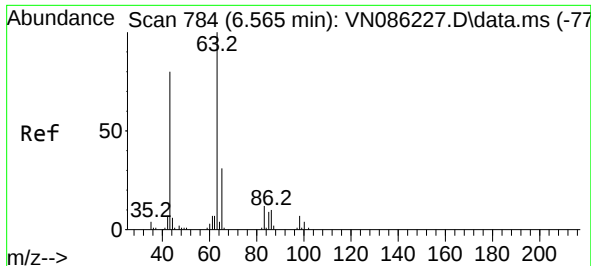
Tgt Ion: 96 Resp: 72012
Ion Ratio Lower Upper
96 100
61 131.9 101.9 152.9
98 61.9 52.3 78.5



#20
Diisopropyl ether
Concen: 65.769 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 45 Resp: 201737
Ion Ratio Lower Upper
45 100
43 51.5 40.3 60.5
87 32.5 26.5 39.7
59 14.1 10.2 15.4

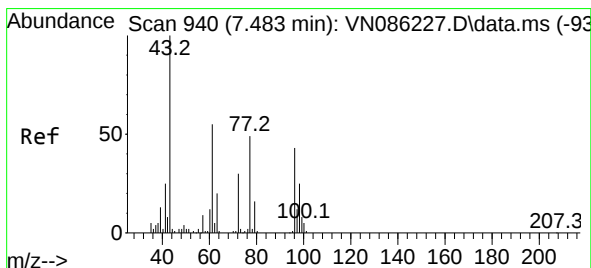
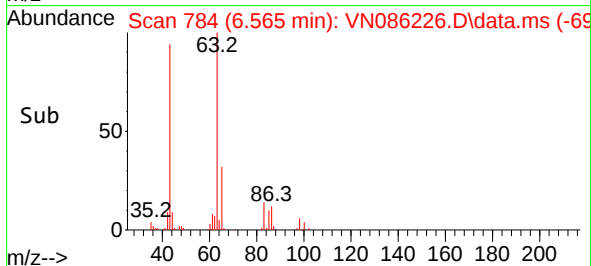
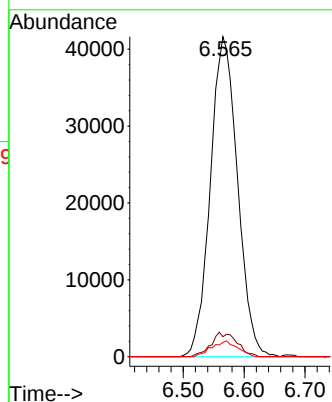
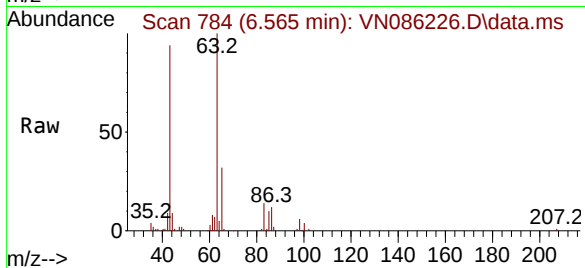




#21
1,1-Dichloroethane
Concen: 61.859 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

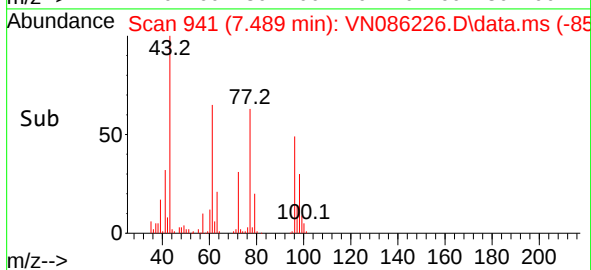
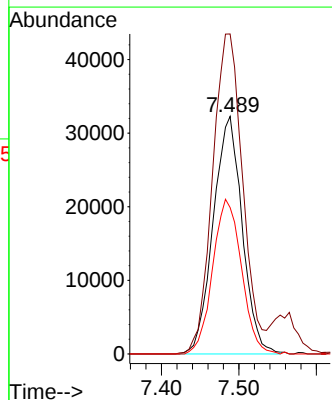
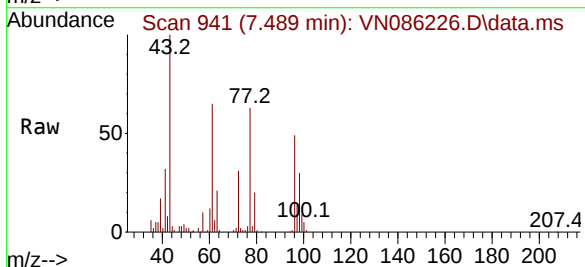
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

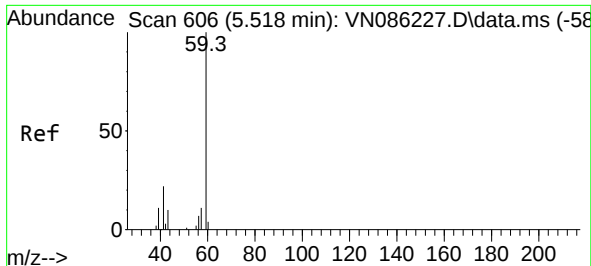
Tgt Ion: 63 Resp: 129326
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 4.5 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 62.329 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 96 Resp: 83863
Ion Ratio Lower Upper
96 100
61 140.3 109.7 164.5
98 64.7 49.7 74.5

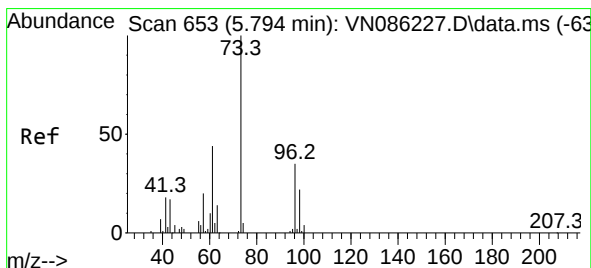
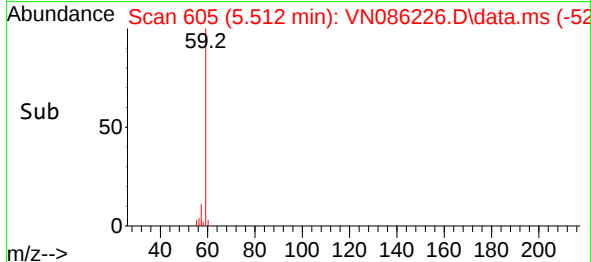
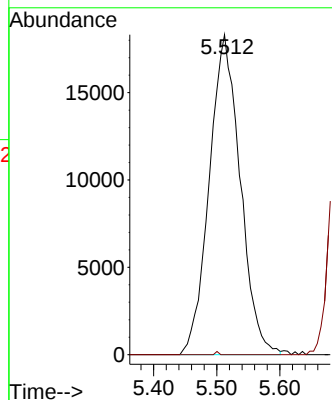
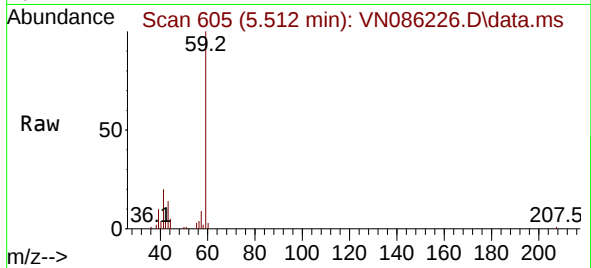




#23
tert-Butyl Alcohol
Concen: 315.445 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

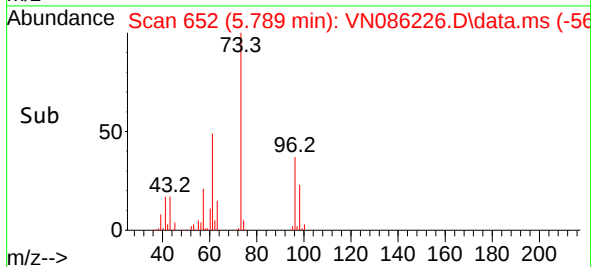
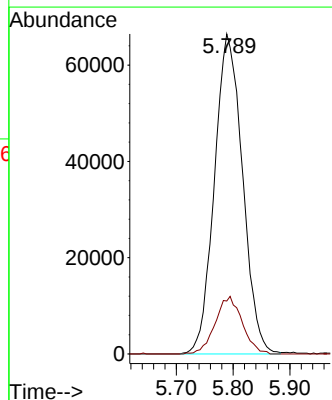
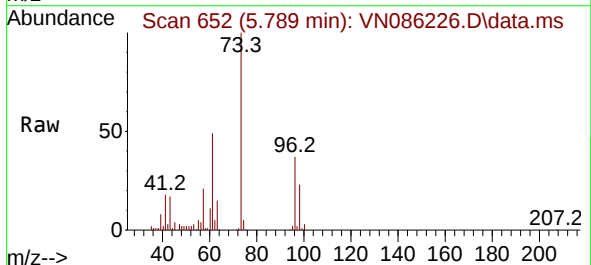
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

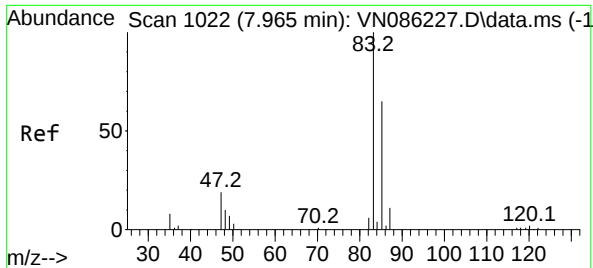
Tgt Ion: 59 Resp: 62326
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 66.491 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 73 Resp: 228155
Ion Ratio Lower Upper
73 100
43 16.8 13.9 20.9

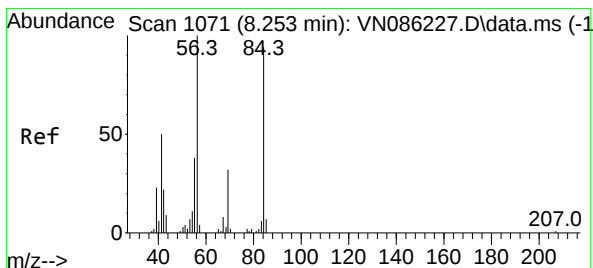
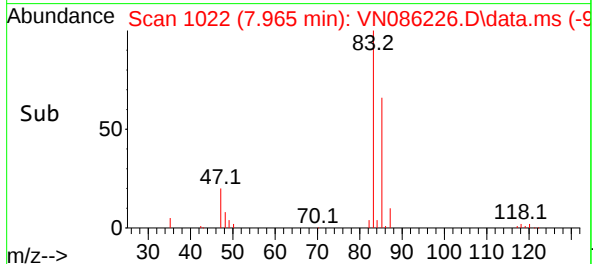
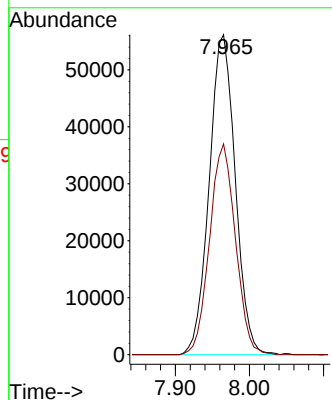
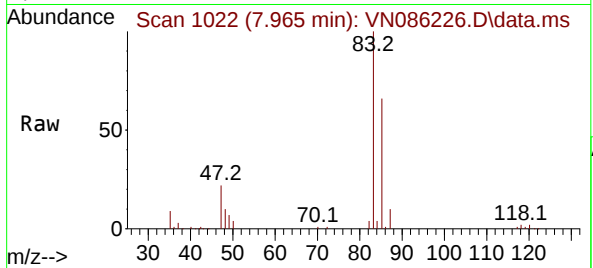




#25
Chloroform
Concen: 62.592 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

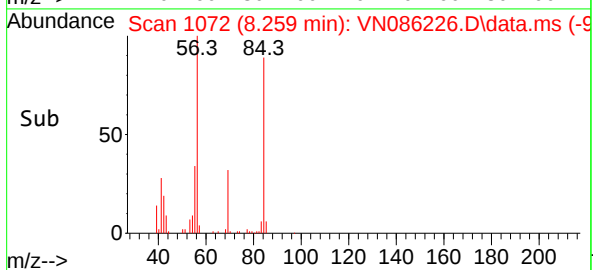
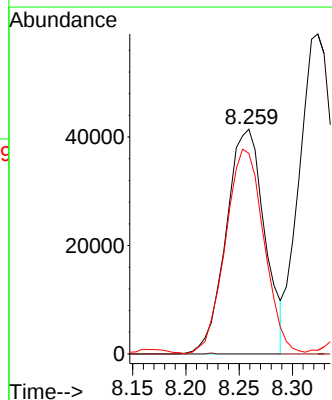
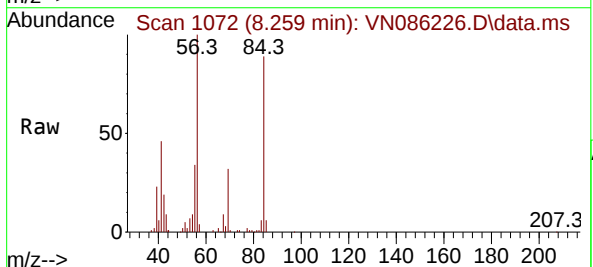
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

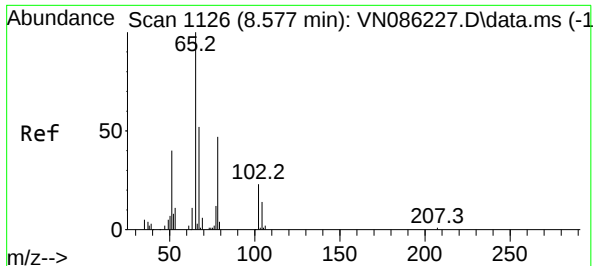
Tgt Ion: 83 Resp: 137321
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6



#26
Cyclohexane
Concen: 61.965 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 56 Resp: 104278
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.3 74.3 111.5





#27

1,2-Dichloroethane-d4

Concen: 29.268 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

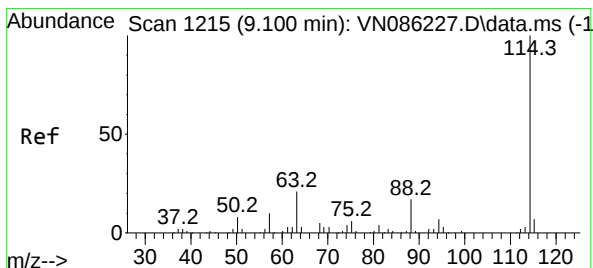
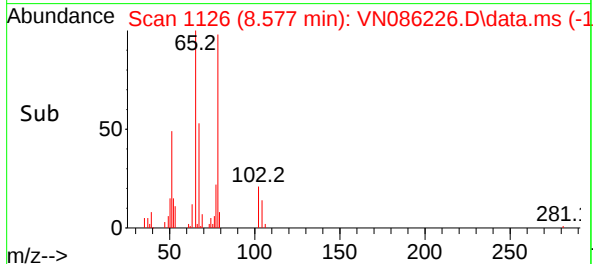
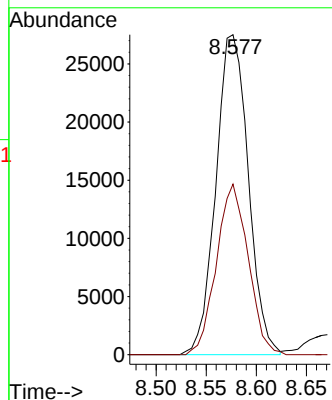
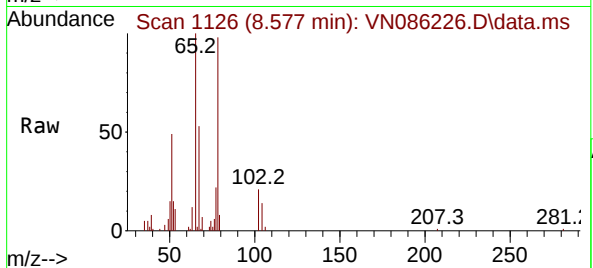
VSTDIC050

Tgt Ion: 65 Resp: 61937

Ion Ratio Lower Upper

65 100

67 52.2 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: VN086226.D

Acq: 04 Apr 2025 12:02

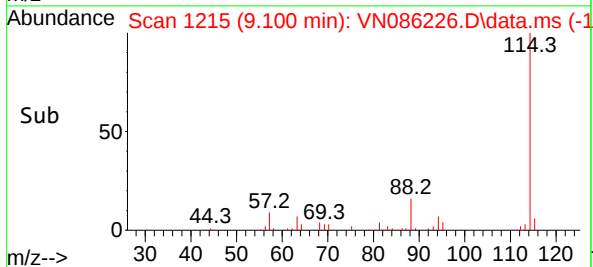
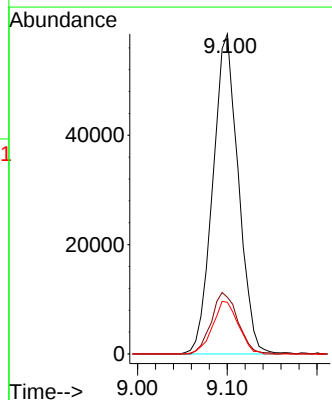
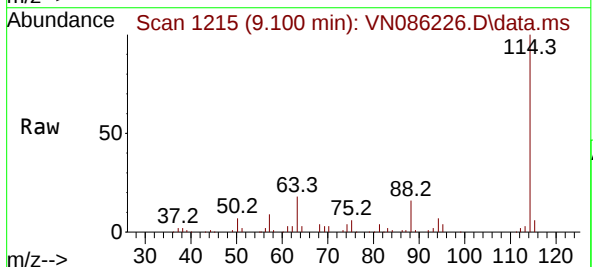
Tgt Ion: 114 Resp: 115744

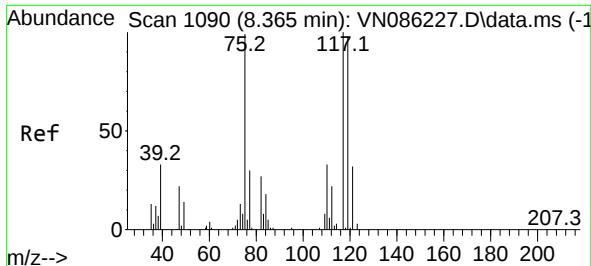
Ion Ratio Lower Upper

114 100

63 19.9 16.4 24.6

88 16.6 13.4 20.2





#29

1,1-Dichloropropene

Concen: 64.237 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

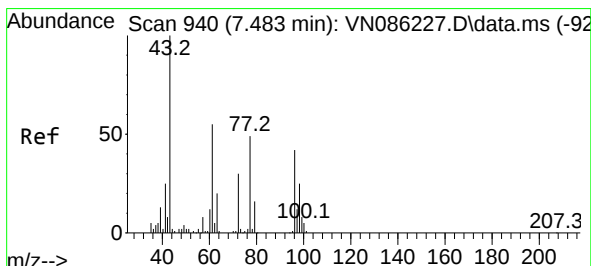
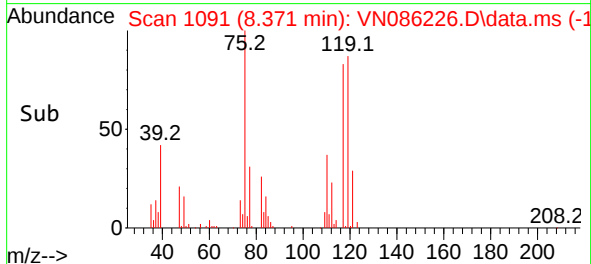
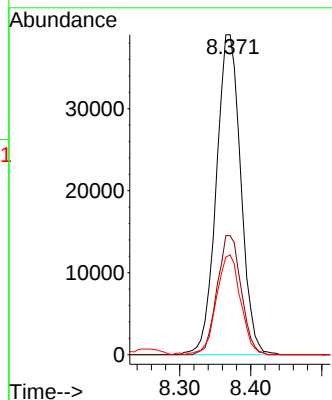
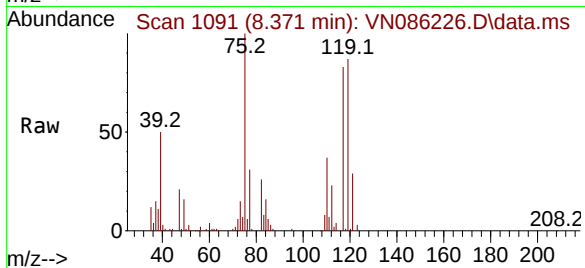
Tgt Ion: 75 Resp: 93300

Ion Ratio Lower Upper

75 100

110 36.5 0.0 66.8

77 30.8 0.0 58.4



#30

2-Butanone

Concen: 322.367 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

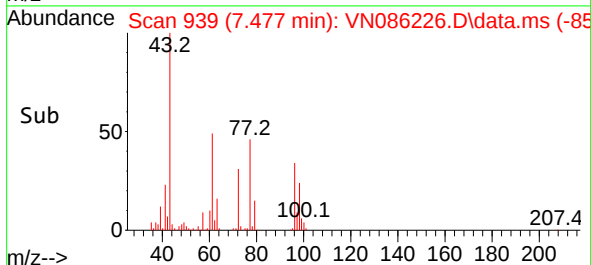
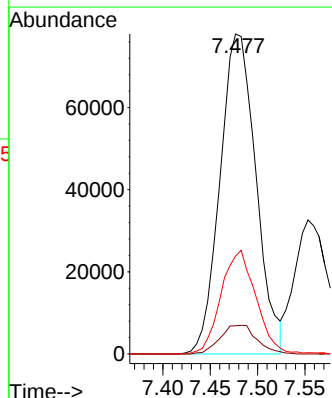
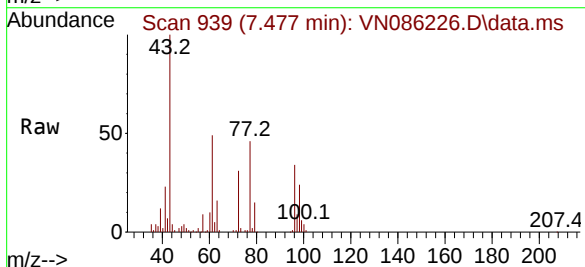
Tgt Ion: 43 Resp: 205834

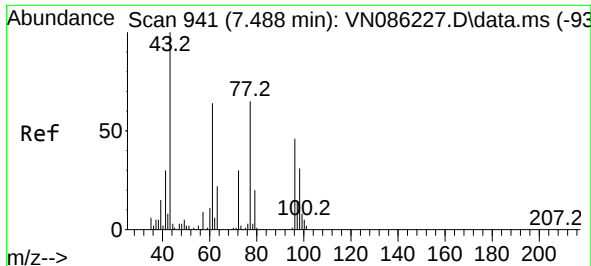
Ion Ratio Lower Upper

43 100

57 0.0 7.3 10.9#

72 31.3 24.3 36.5

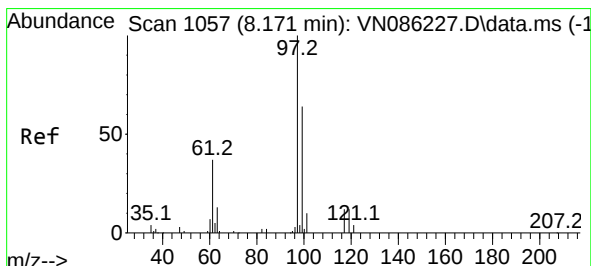
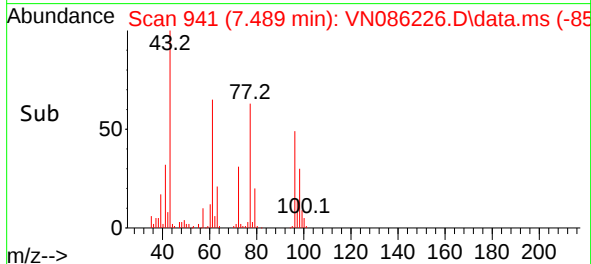
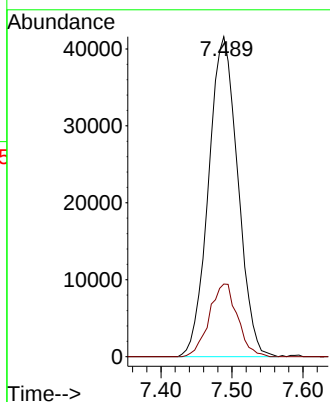
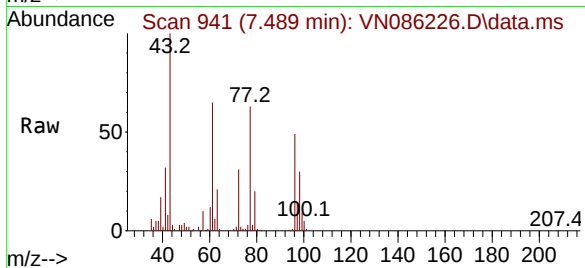




#31
2,2-Dichloropropane
Concen: 66.494 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

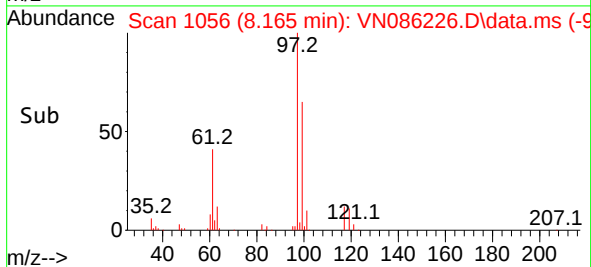
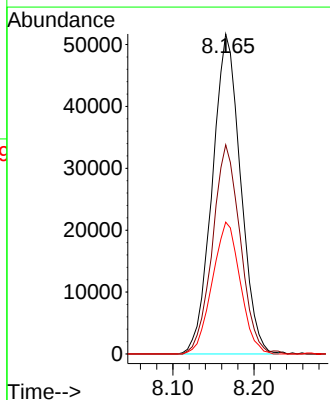
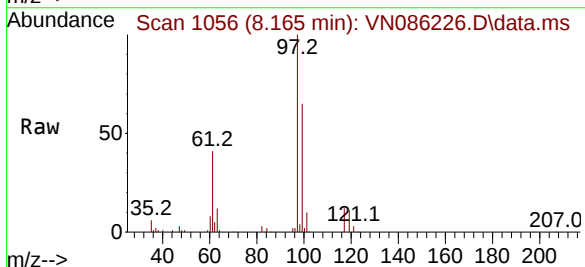
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

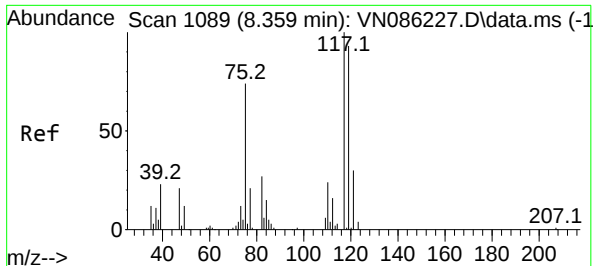
Tgt Ion: 77 Resp: 118996
Ion Ratio Lower Upper
77 100
97 21.9 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 63.810 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 97 Resp: 125330
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 40.7 31.7 47.5

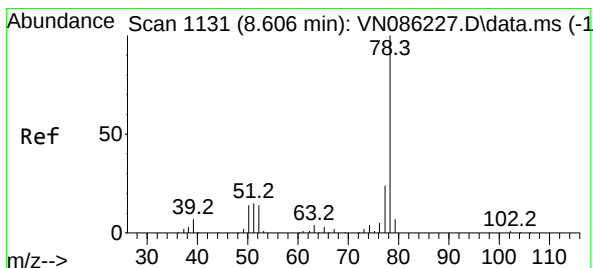
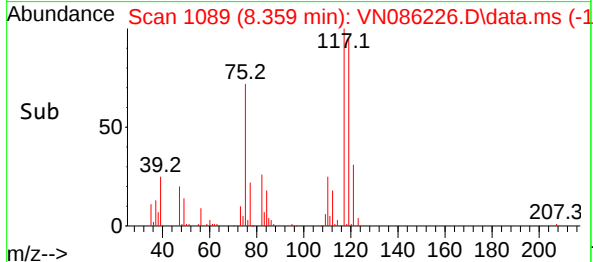
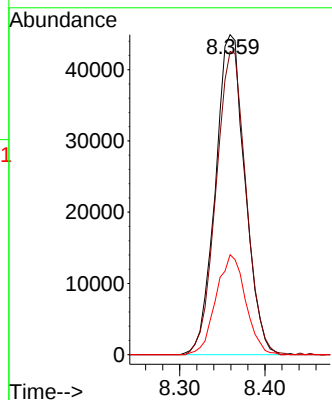
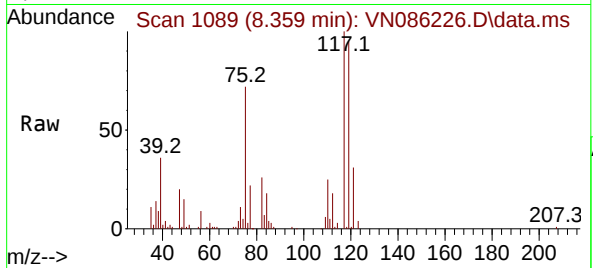




#33
Carbon Tetrachloride
Concen: 64.688 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

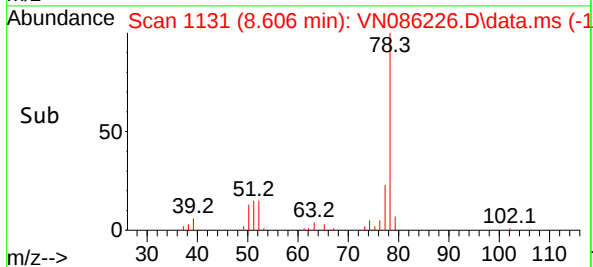
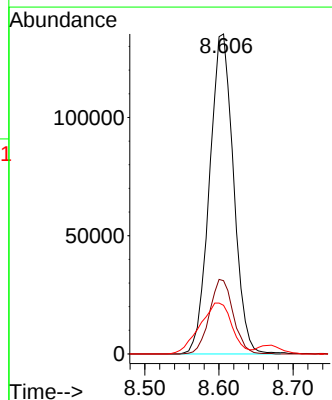
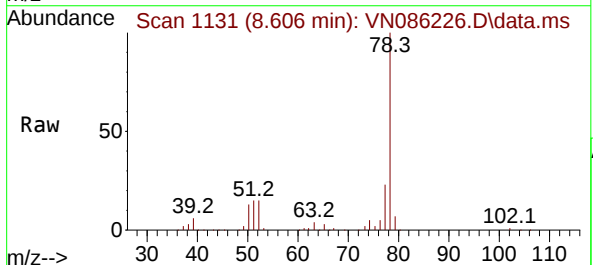
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

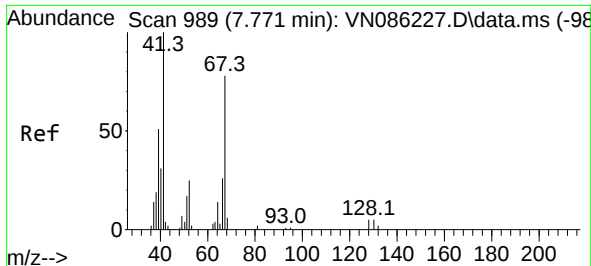
Tgt Ion:117 Resp: 108363
Ion Ratio Lower Upper
117 100
119 94.8 74.6 112.0
121 31.3 23.8 35.8



#34
Benzene
Concen: 62.998 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 78 Resp: 303815
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2
51 14.1 11.9 17.9

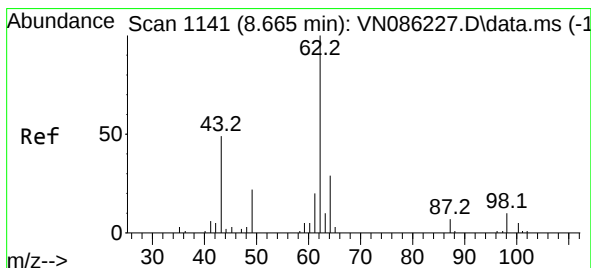
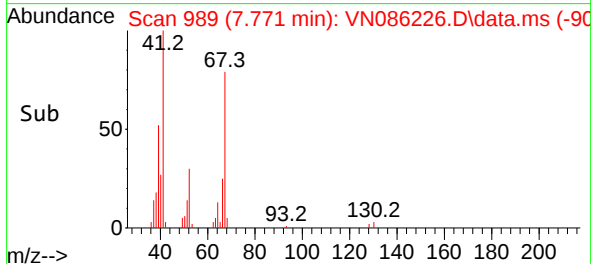
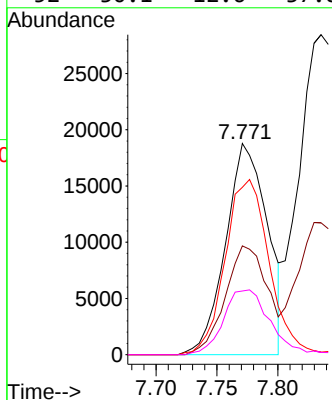
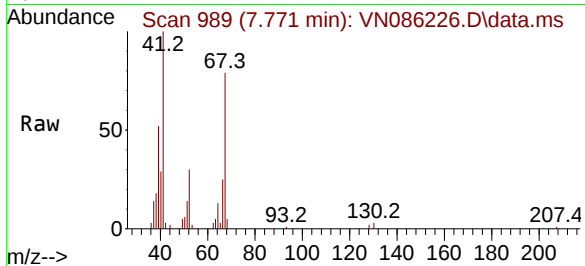




#35
Methacrylonitrile
Concen: 62.850 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

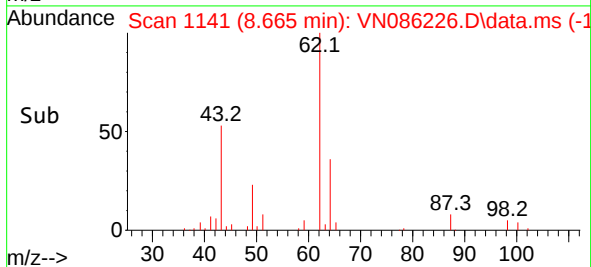
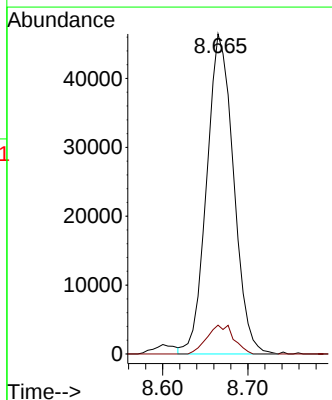
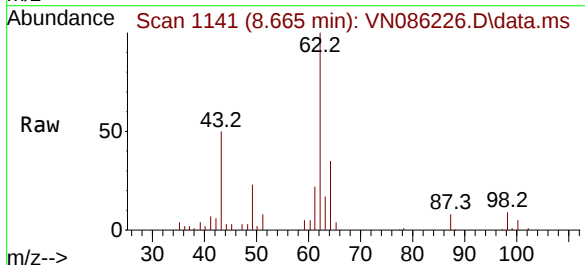
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

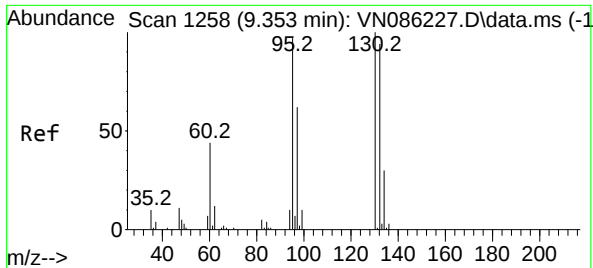
Tgt Ion:	41	Resp:	44806
Ion	Ratio	Lower	Upper
41	100		
39	51.6	25.7	77.0
67	79.3	39.0	117.0
52	30.1	12.6	37.8



#36
1,2-Dichloroethane
Concen: 63.527 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:	62	Resp:	101752
Ion	Ratio	Lower	Upper
62	100		
98	5.8	7.8	11.8

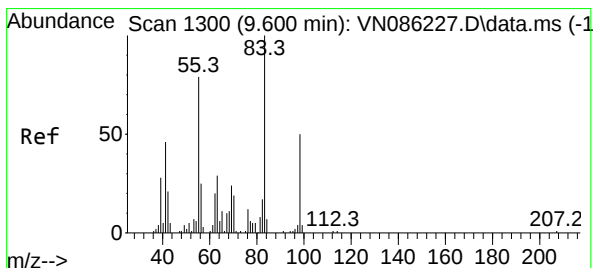
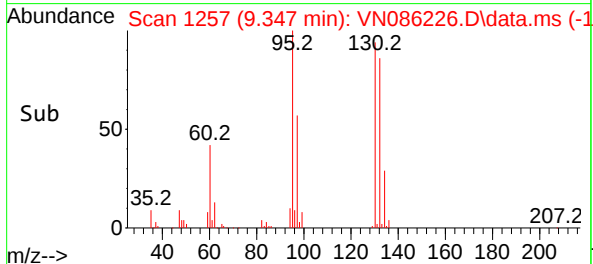
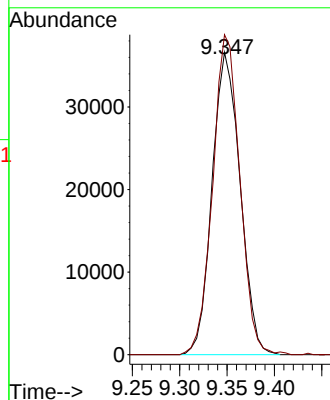
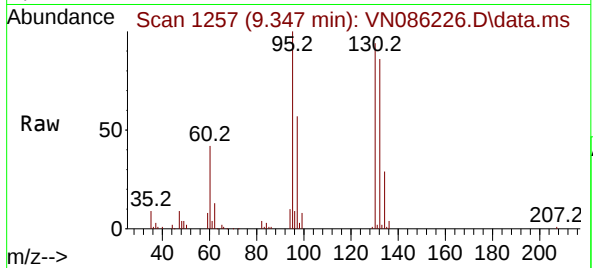




#37
Trichloroethene
Concen: 65.172 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

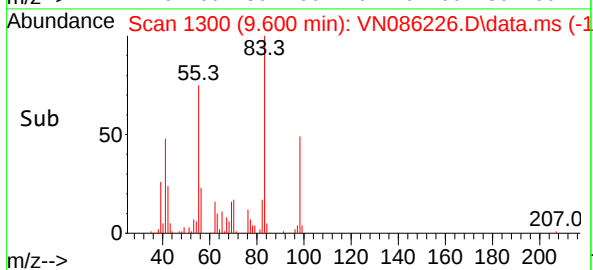
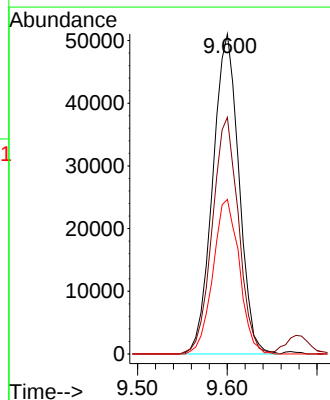
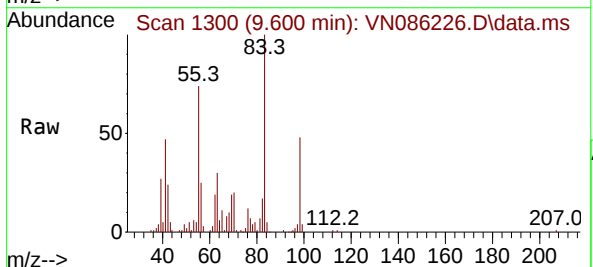
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

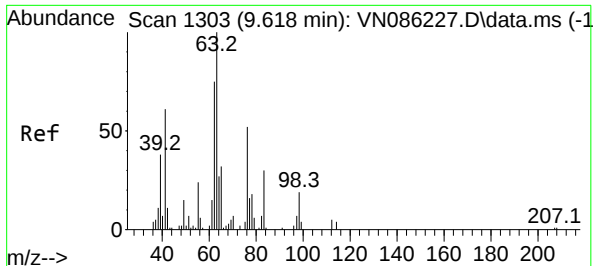
Tgt Ion:130 Resp: 75272
Ion Ratio Lower Upper
130 100
95 105.8 77.8 116.8



#38
Methylcyclohexane
Concen: 67.801 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 83 Resp: 103326
Ion Ratio Lower Upper
83 100
55 73.8 38.0 113.9
98 48.6 24.2 72.6





#39

1,2-Dichloropropane

Concen: 62.816 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

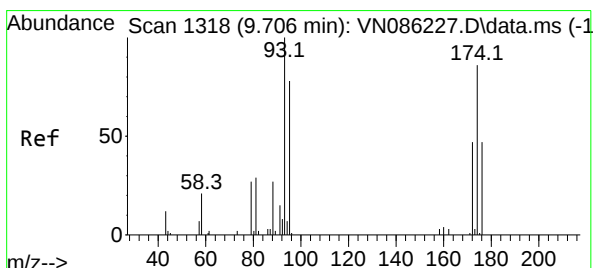
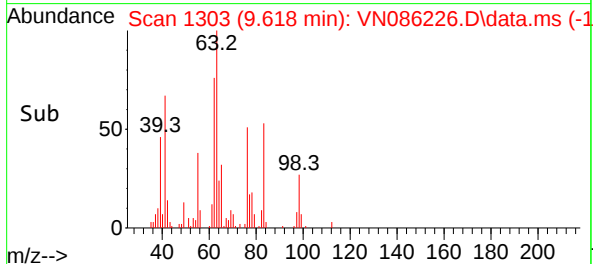
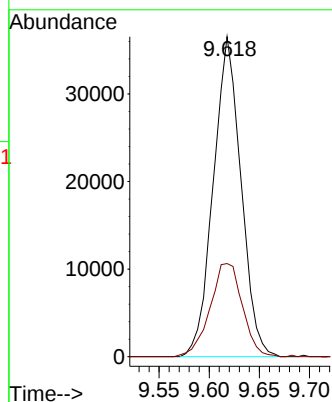
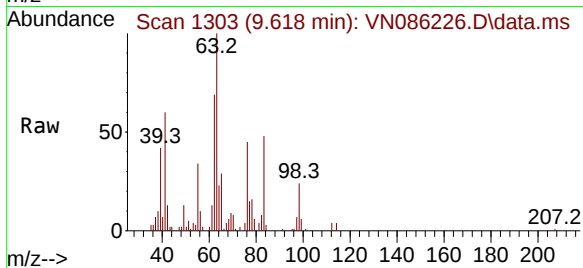
VSTDIC050

Tgt Ion: 63 Resp: 70196

Ion Ratio Lower Upper

63 100

65 29.1 26.0 39.0



#40

Dibromomethane

Concen: 62.368 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

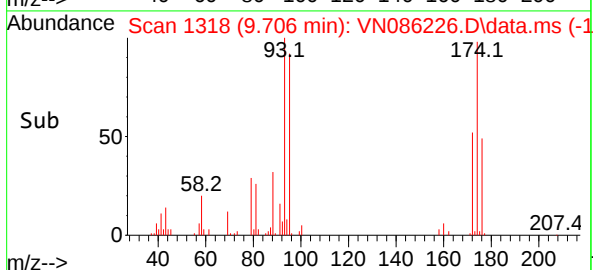
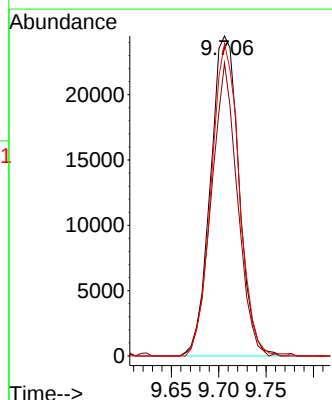
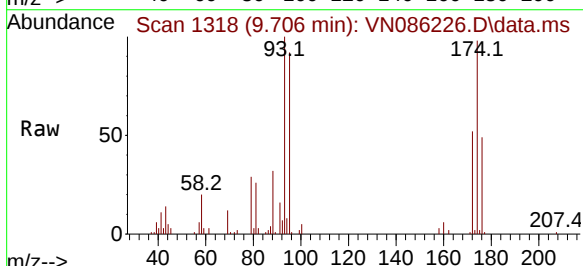
Tgt Ion: 93 Resp: 51429

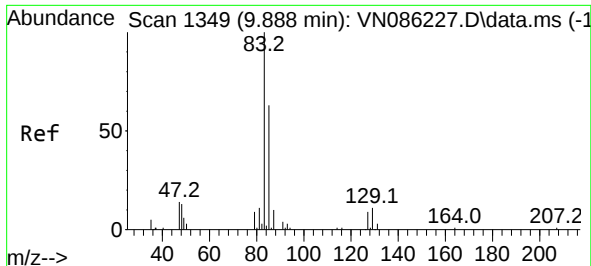
Ion Ratio Lower Upper

93 100

95 83.5 0.0 160.8

174 95.2 0.0 181.4

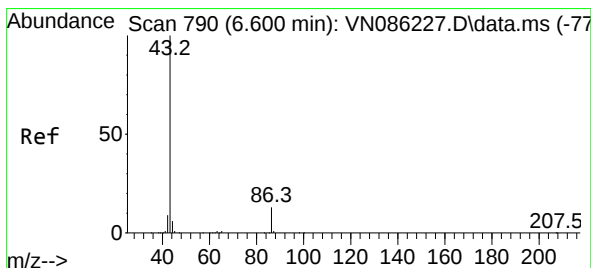
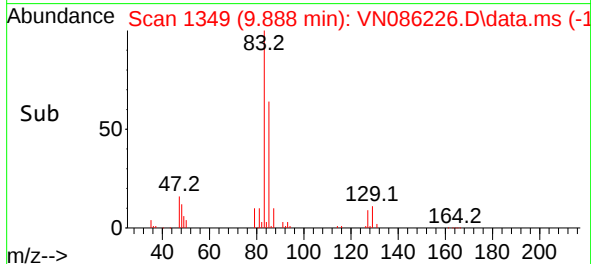
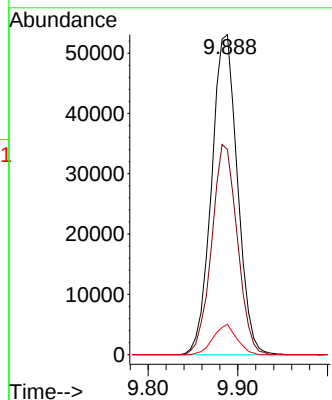
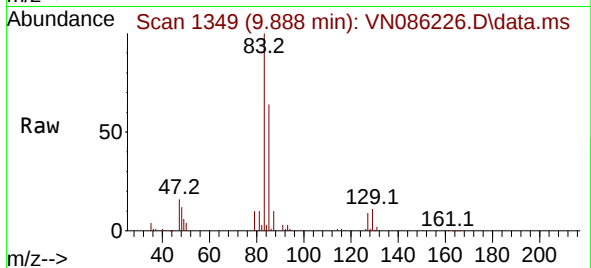




#41
Bromodichloromethane
Concen: 64.229 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

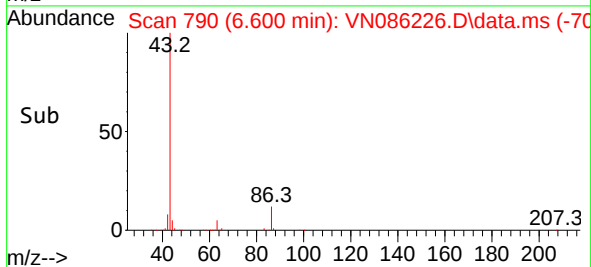
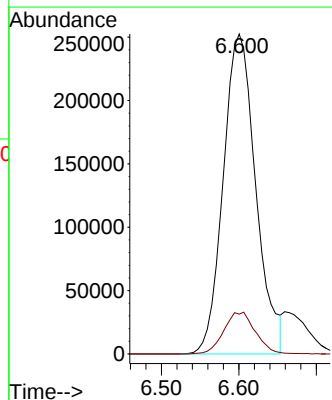
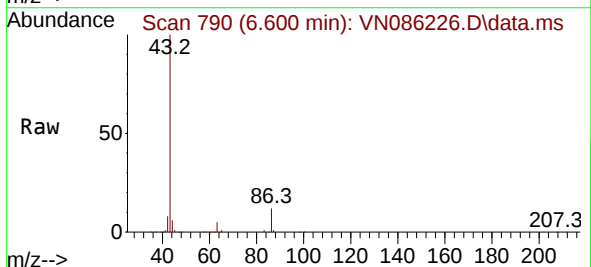
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

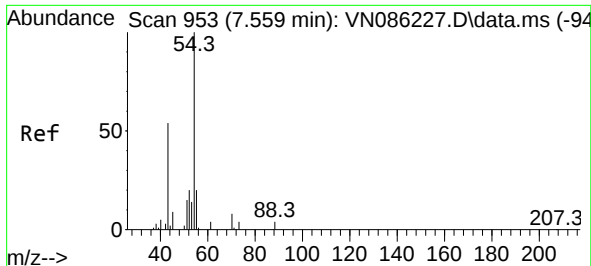
Tgt Ion: 83 Resp: 106381
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 9.5 6.8 10.2



#42
Vinyl Acetate
Concen: 324.442 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 43 Resp: 738234
Ion Ratio Lower Upper
43 100
86 12.7 9.9 14.9

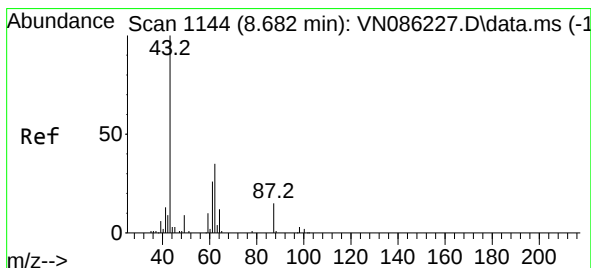
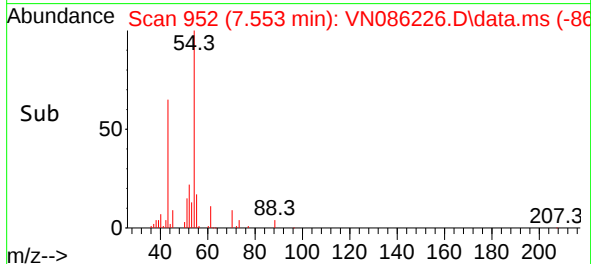
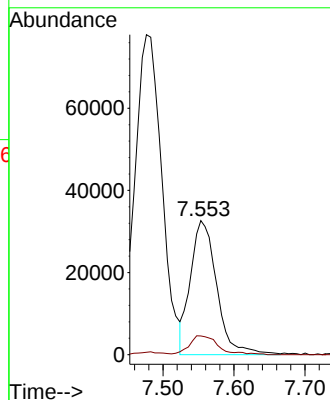
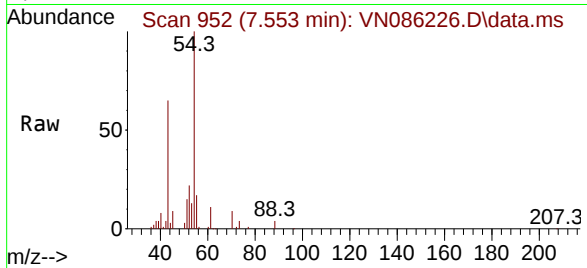




#43
Ethyl Acetate
Concen: 64.143 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

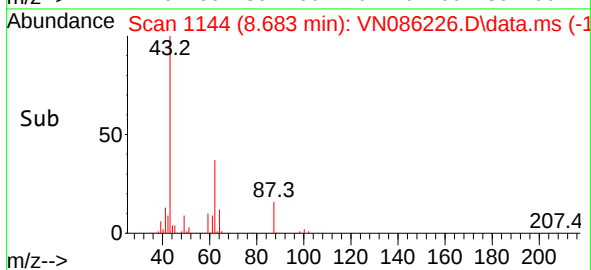
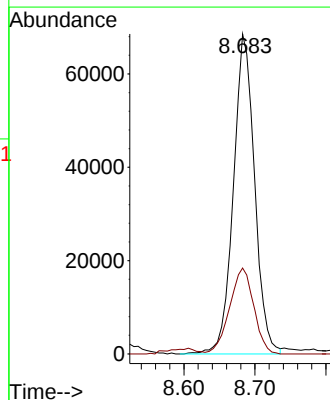
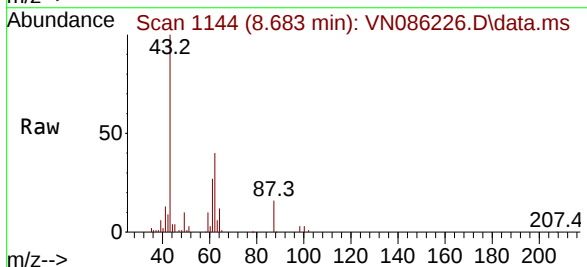
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

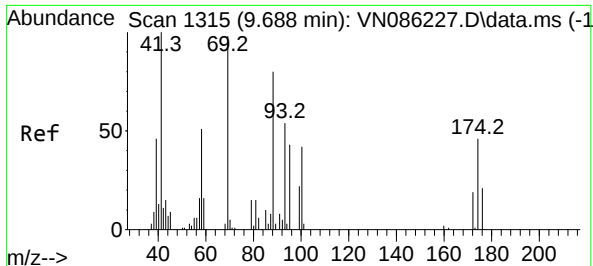
Tgt Ion: 43 Resp: 84209
Ion Ratio Lower Upper
43 100
45 14.5 0.2 0.4#



#44
Isopropyl Acetate
Concen: 60.144 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 43 Resp: 142523
Ion Ratio Lower Upper
43 100
61 30.6 24.3 36.5





#45

1,4-Dioxane

Concen: 1387.968 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

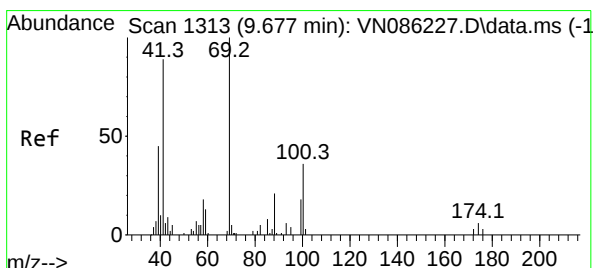
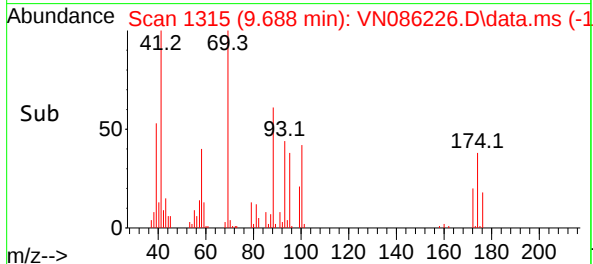
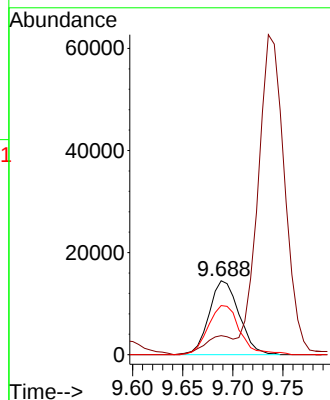
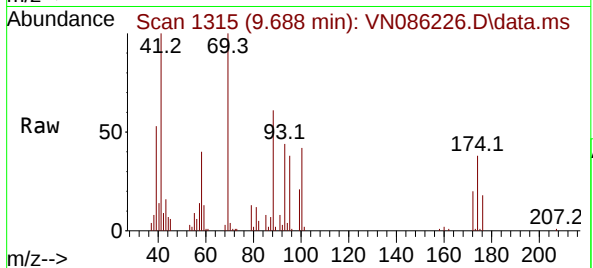
Tgt Ion: 88 Resp: 30151

Ion Ratio Lower Upper

88 100

43 24.1 19.8 29.8

58 70.3 60.6 91.0



#46

Methyl methacrylate

Concen: 65.457 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

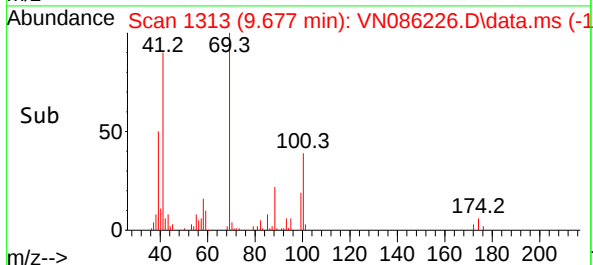
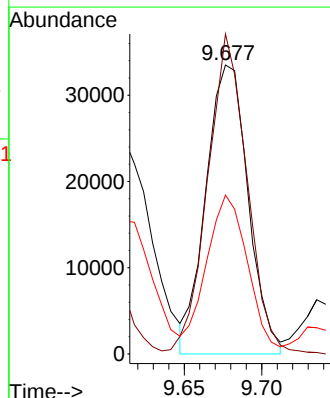
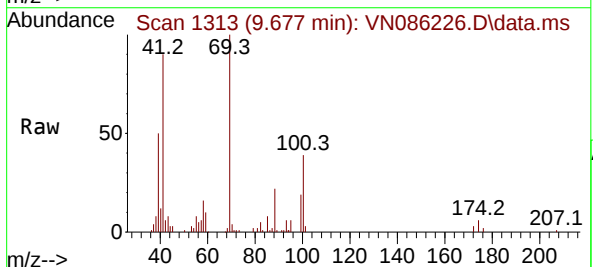
Tgt Ion: 41 Resp: 63532

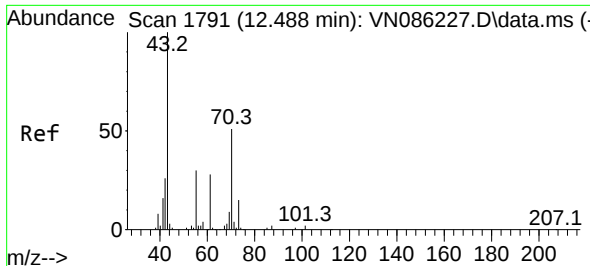
Ion Ratio Lower Upper

41 100

69 112.2 53.1 159.4

39 54.7 25.2 75.6

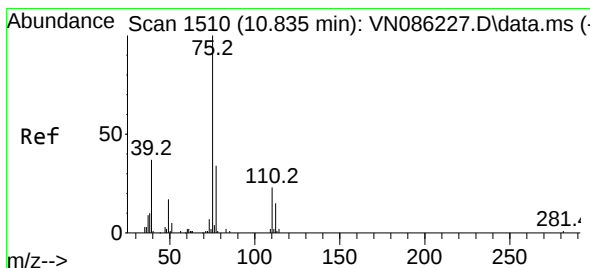
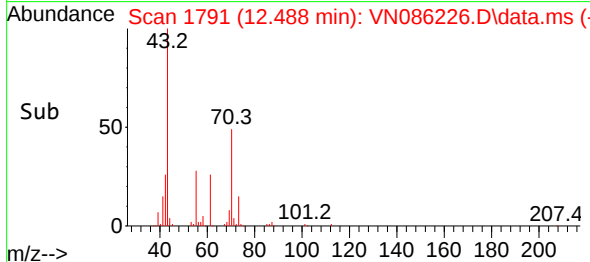
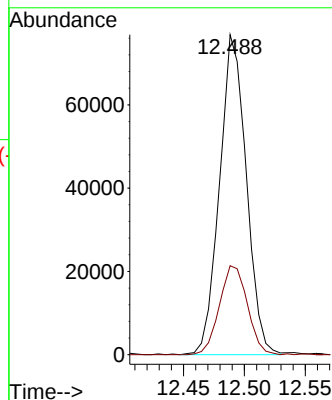
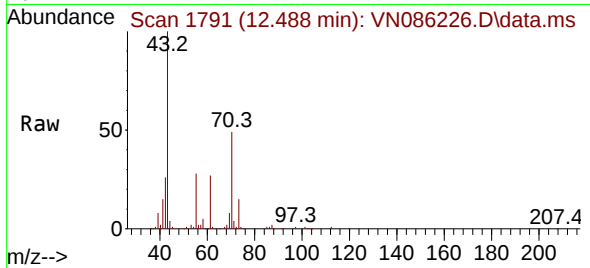




#47
n-amy1 Acetate
Concen: 72.521 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

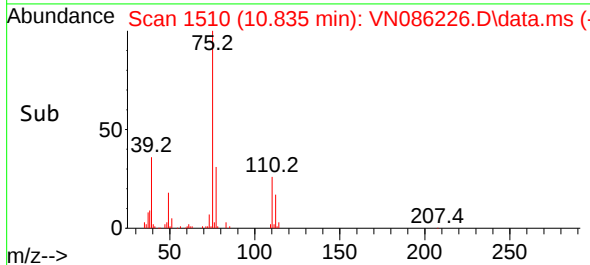
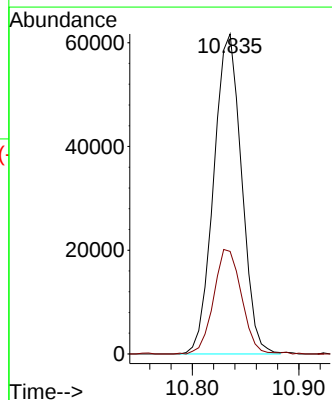
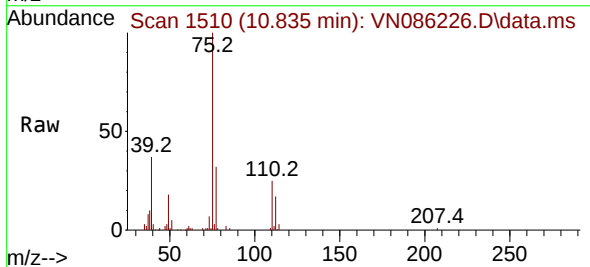
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

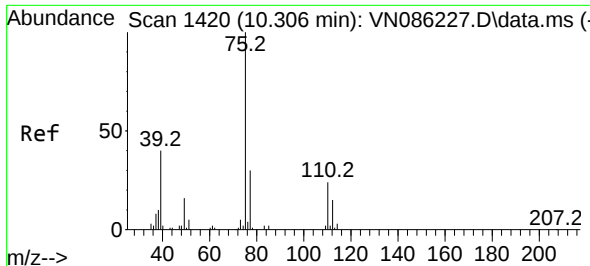
Tgt Ion: 43 Resp: 117419
Ion Ratio Lower Upper
43 100
55 29.1 24.6 36.8



#48
t-1,3-Dichloropropene
Concen: 65.631 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 75 Resp: 112015
Ion Ratio Lower Upper
75 100
77 31.8 27.2 40.8

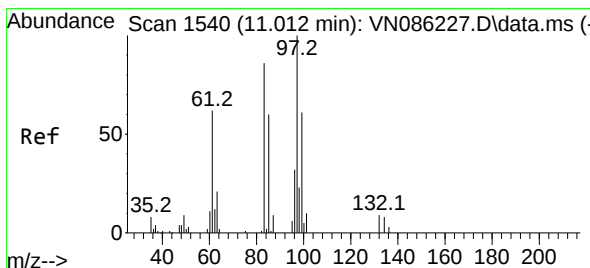
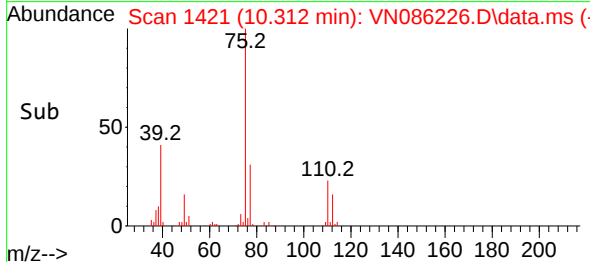
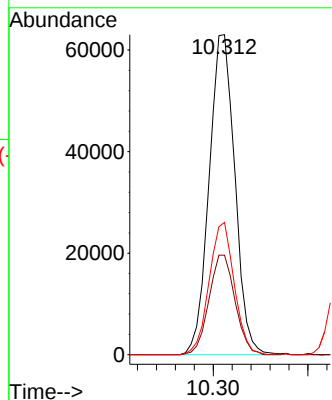
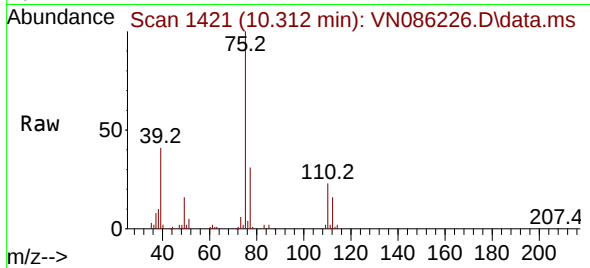




#49
cis-1,3-Dichloropropene
Concen: 64.531 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

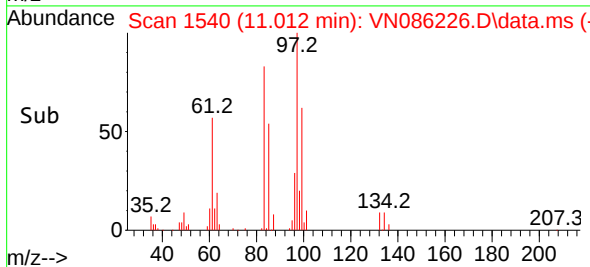
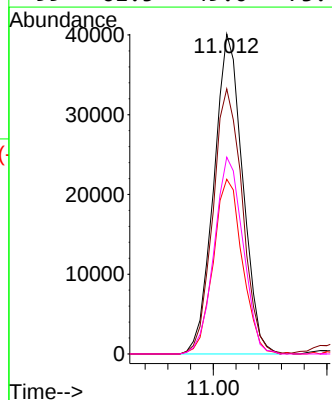
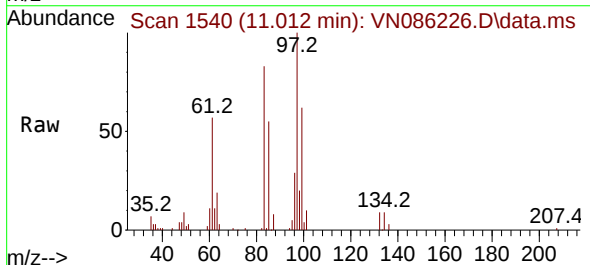
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

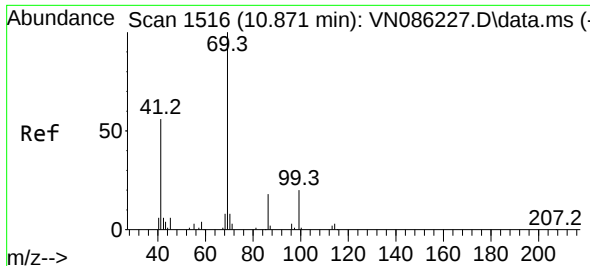
Tgt Ion: 75 Resp: 119000
Ion Ratio Lower Upper
75 100
77 31.1 23.8 35.6
39 41.4 31.9 47.9



#50
1,1,2-Trichloroethane
Concen: 65.669 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 97 Resp: 70797
Ion Ratio Lower Upper
97 100
83 82.9 68.4 102.6
85 54.6 47.7 71.5
99 61.5 49.0 73.4

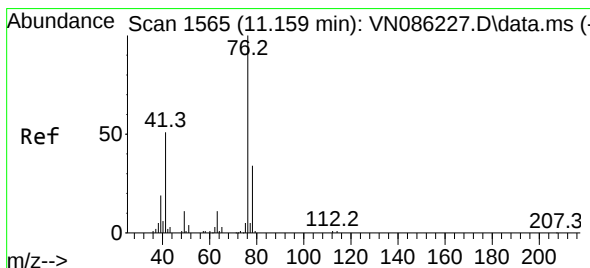
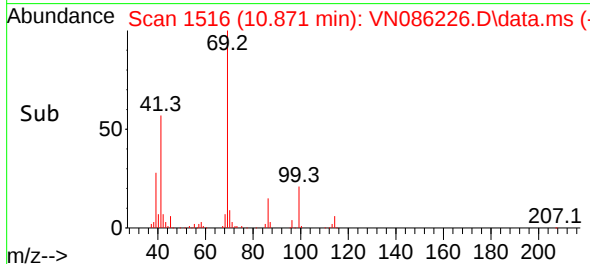
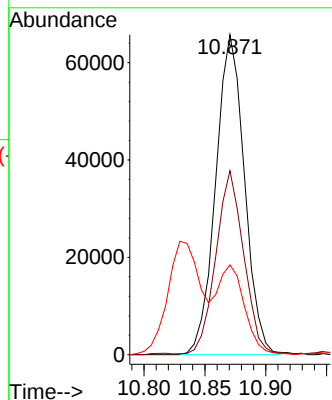
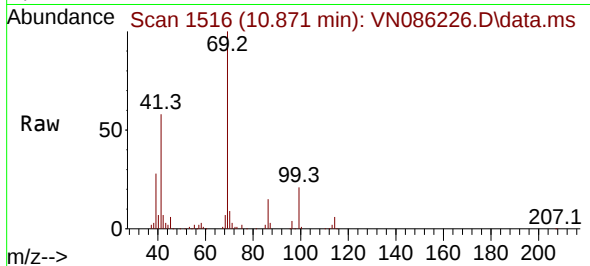




#51
Ethyl methacrylate
Concen: 70.652 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

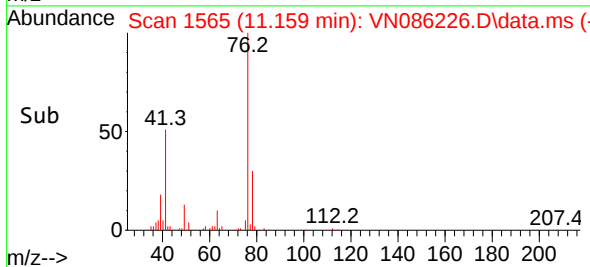
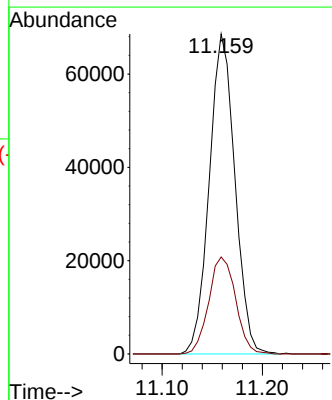
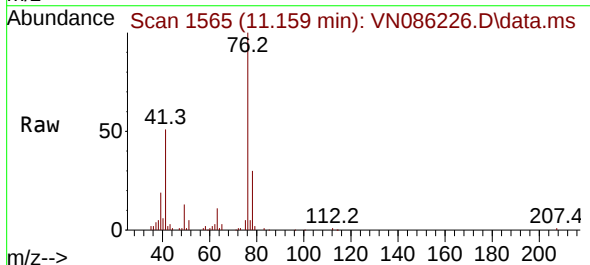
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

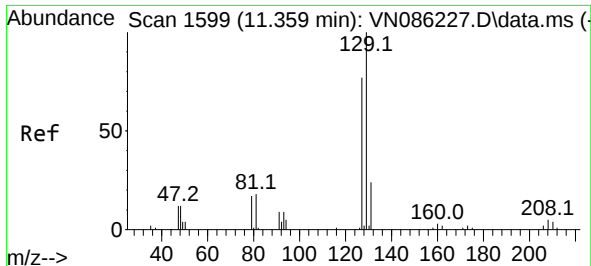
Tgt Ion: 69 Resp: 108134
Ion Ratio Lower Upper
69 100
41 57.2 27.8 83.3
39 27.7 14.1 42.3



#52
1,3-Dichloropropane
Concen: 64.797 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 76 Resp: 121706
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4

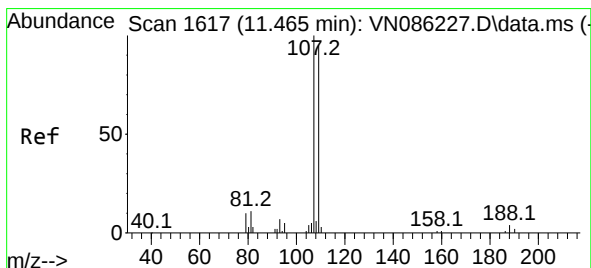
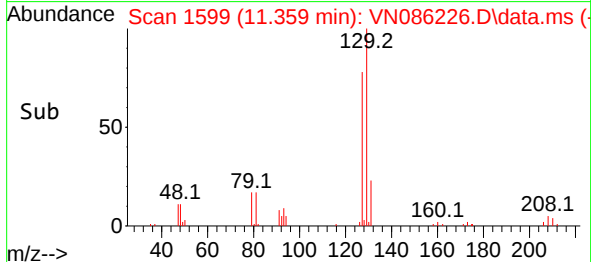
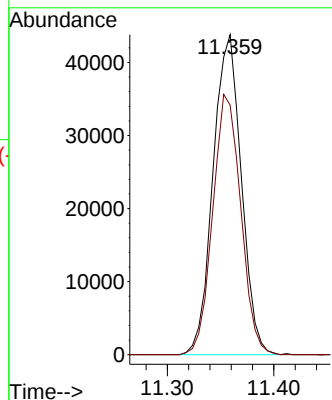
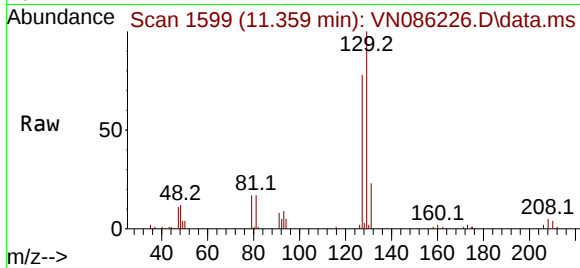




#53
Dibromochloromethane
Concen: 64.254 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

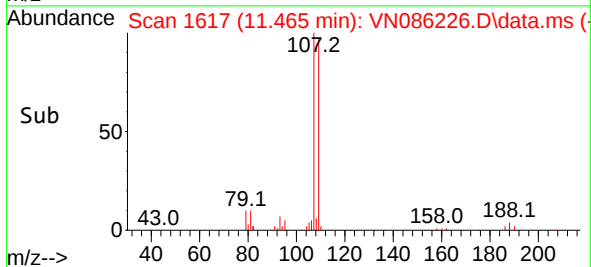
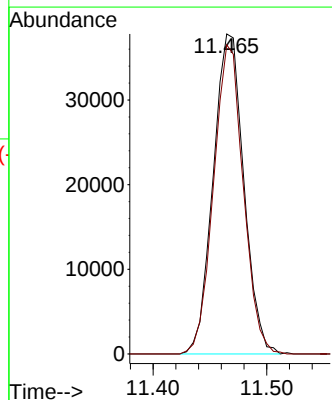
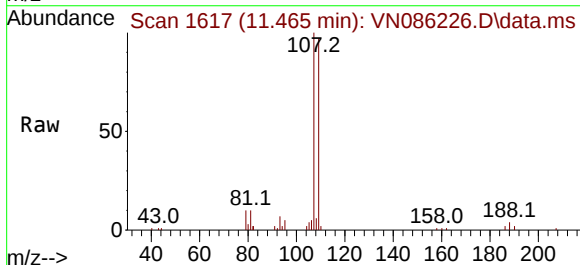
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

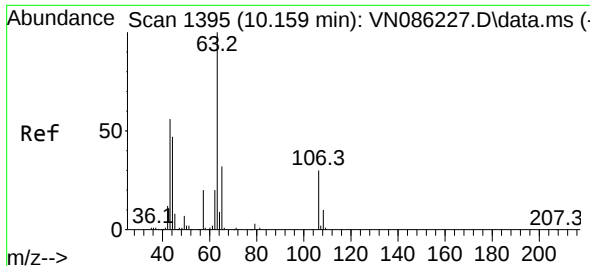
Tgt Ion:129 Resp: 80653
Ion Ratio Lower Upper
129 100
127 80.7 38.8 116.4



#54
1,2-Dibromoethane
Concen: 63.998 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:107 Resp: 70791
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

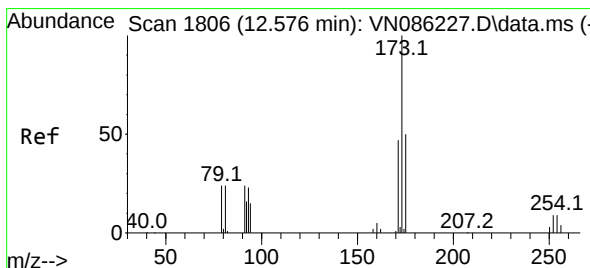
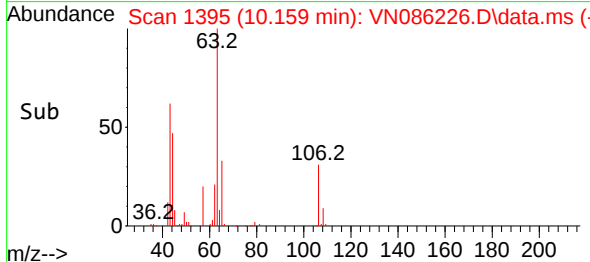
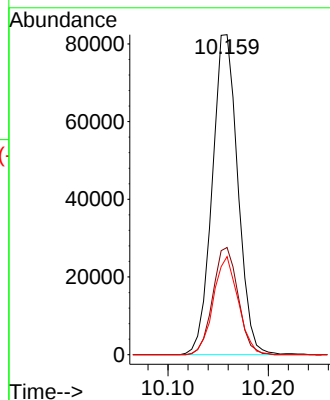
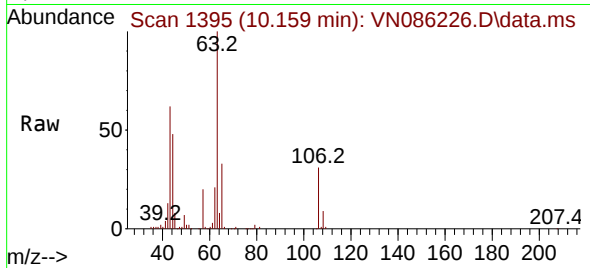




#55
2-Chloroethyl vinyl ether
Concen: 207.902 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

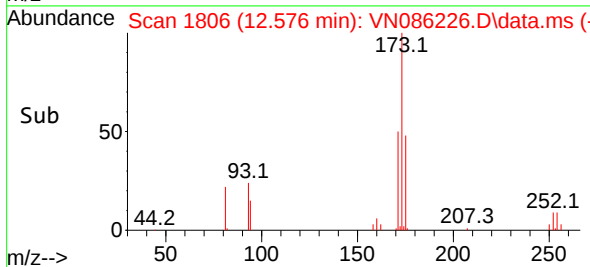
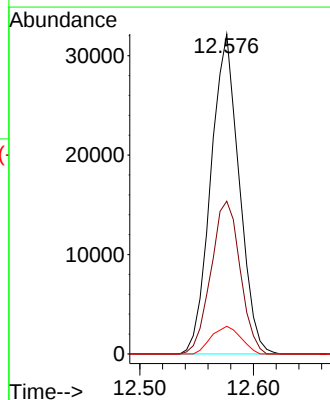
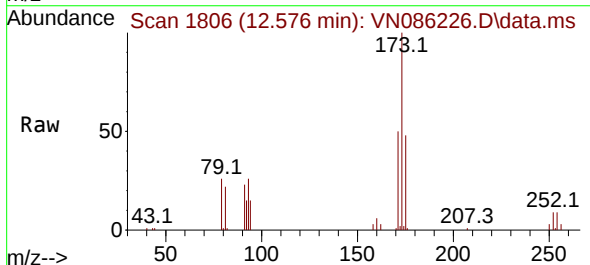
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

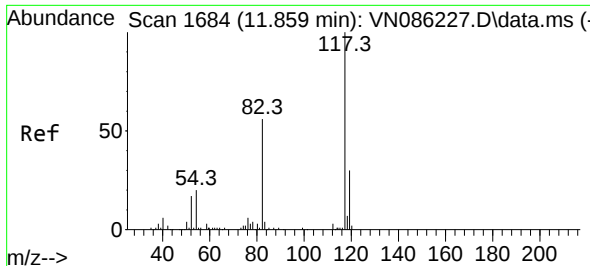
Tgt Ion: 63 Resp: 145906
Ion Ratio Lower Upper
63 100
65 33.1 25.7 38.5
106 29.8 23.5 35.3



#56
Bromoform
Concen: 65.618 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 173 Resp: 55722
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 9.0 7.5 11.3

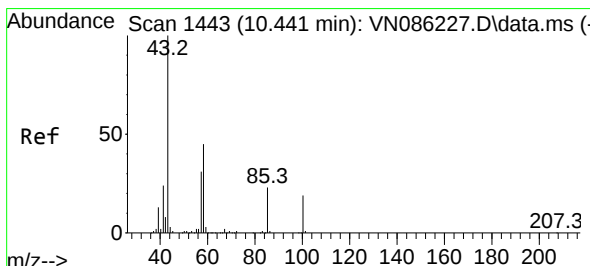
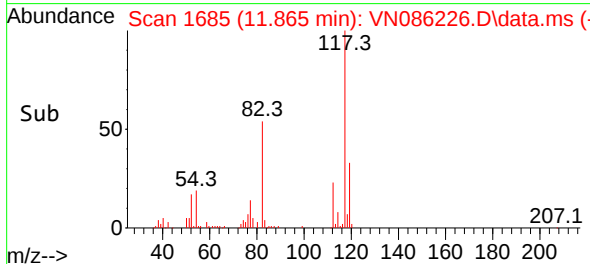
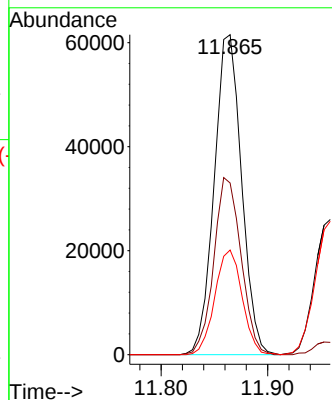
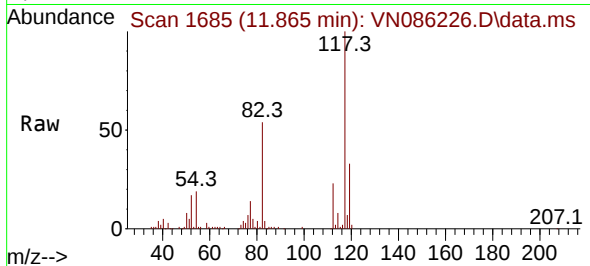




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11865
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

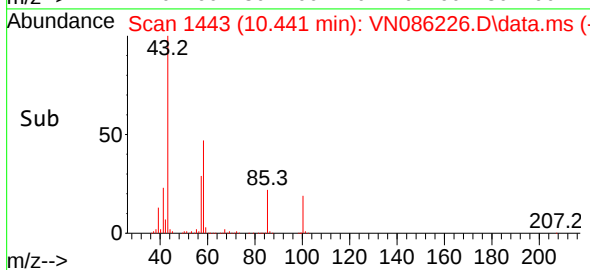
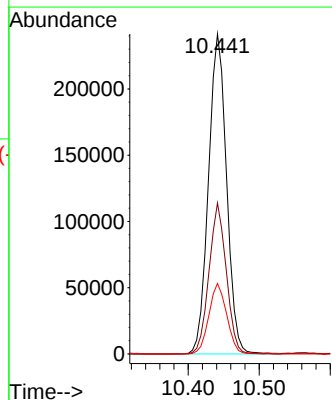
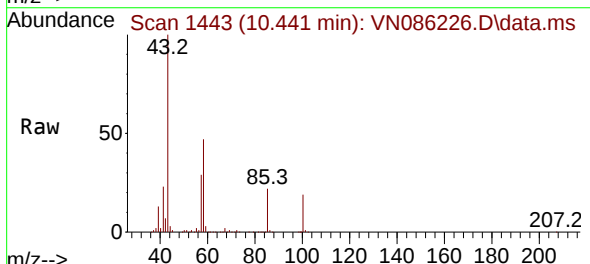
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

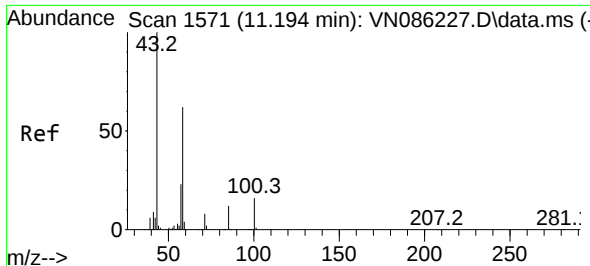
Tgt Ion:117 Resp: 109674
Ion Ratio Lower Upper
117 100
82 55.1 46.0 69.0
119 32.5 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 330.096 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 43 Resp: 427258
Ion Ratio Lower Upper
43 100
58 45.0 35.4 53.2
85 21.7 17.6 26.4

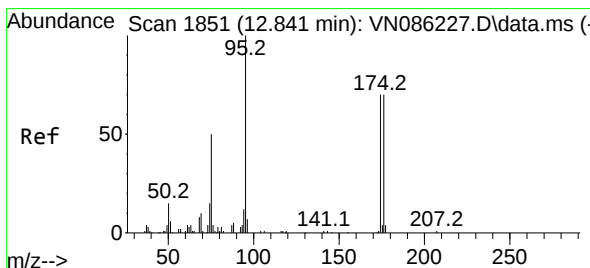
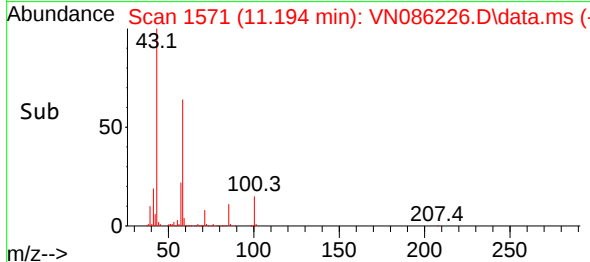
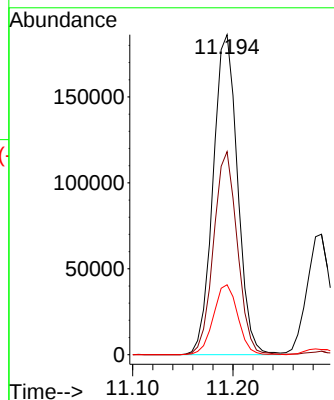
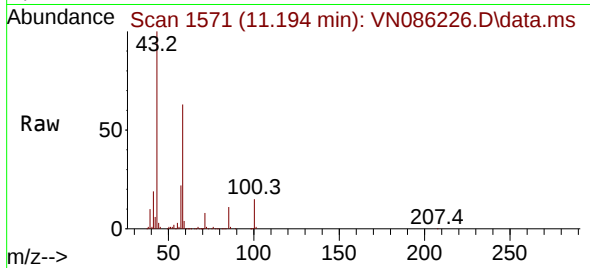




#59
2-Hexanone
Concen: 339.627 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

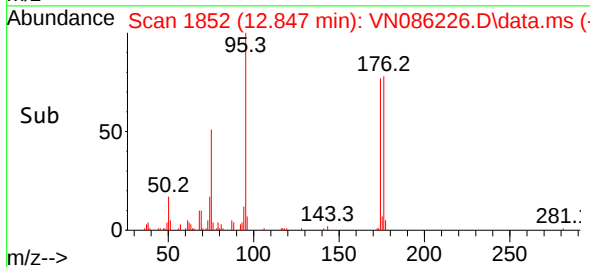
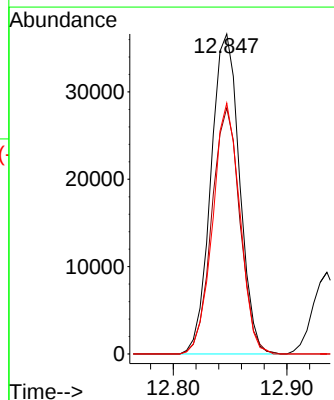
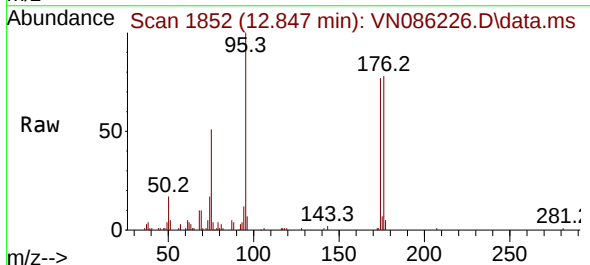
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

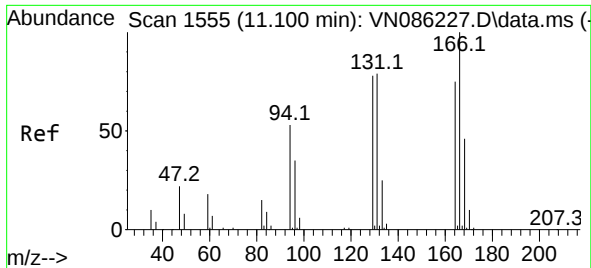
Tgt Ion: 43 Resp: 315536
Ion Ratio Lower Upper
43 100
58 61.6 48.5 72.7
57 21.8 17.7 26.5



#60
4-Bromofluorobenzene
Concen: 31.381 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 95 Resp: 64126
Ion Ratio Lower Upper
95 100
174 75.7 59.7 89.5
176 74.4 56.8 85.2

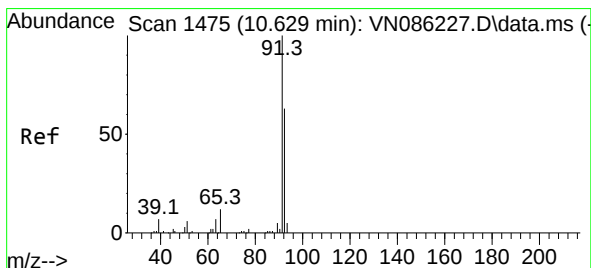
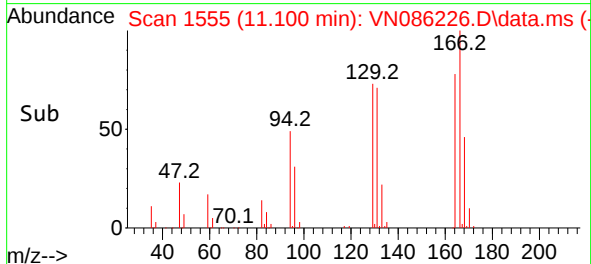
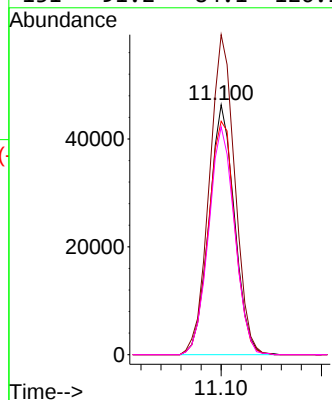
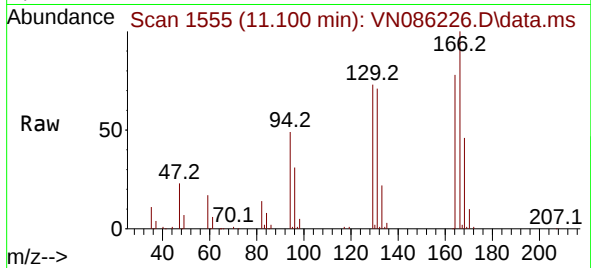




#61
Tetrachloroethene
Concen: 63.701 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

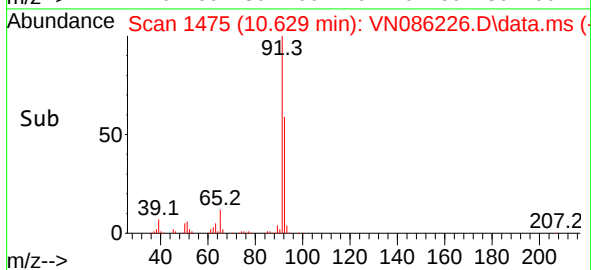
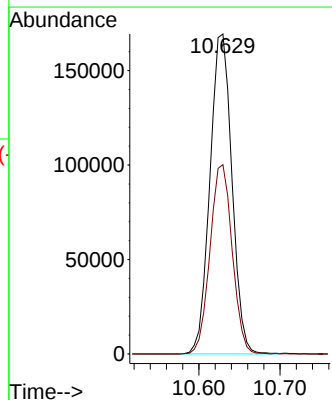
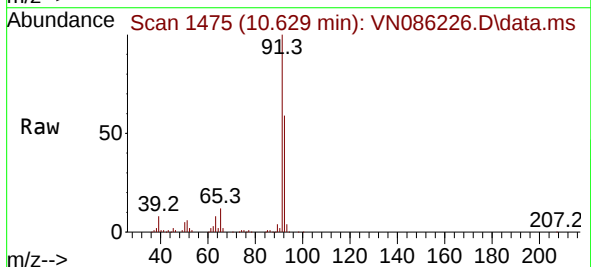
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

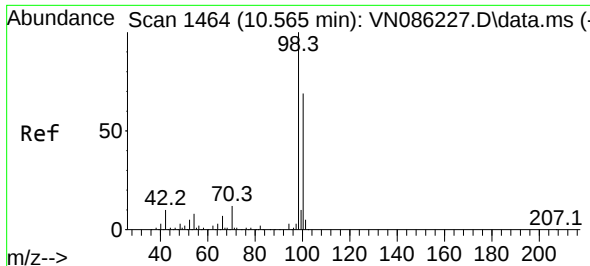
Tgt Ion:164 Resp: 81537
Ion Ratio Lower Upper
164 100
166 128.1 106.3 159.5
129 93.4 83.3 124.9
131 91.2 84.1 126.1



#62
Toluene
Concen: 63.692 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 91 Resp: 318884
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.4

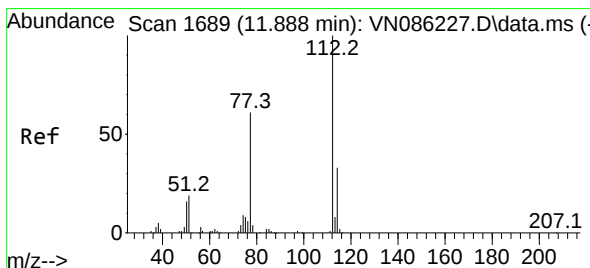
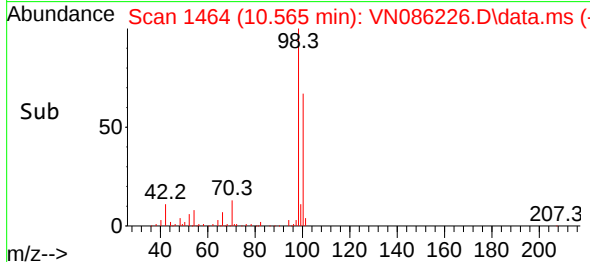
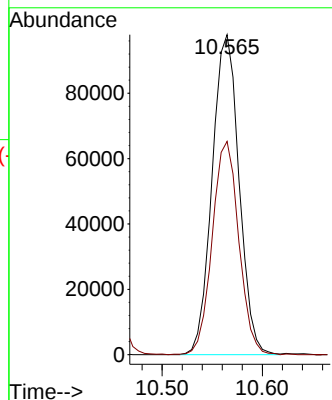
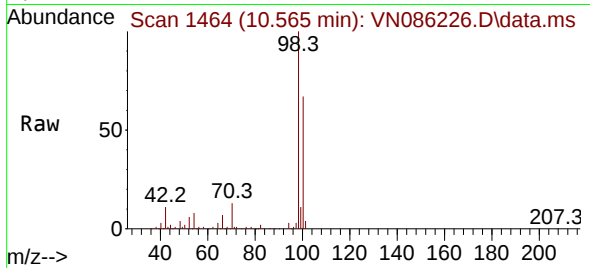




#63
Toluene-d8
Concen: 29.864 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

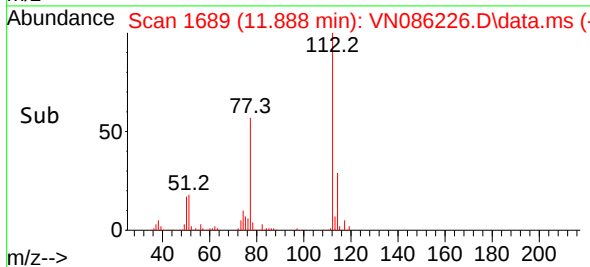
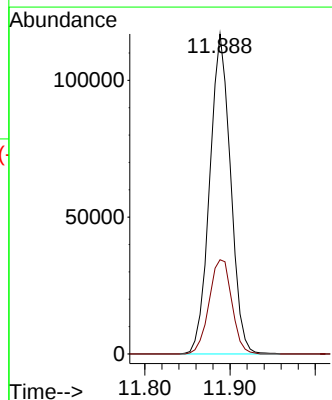
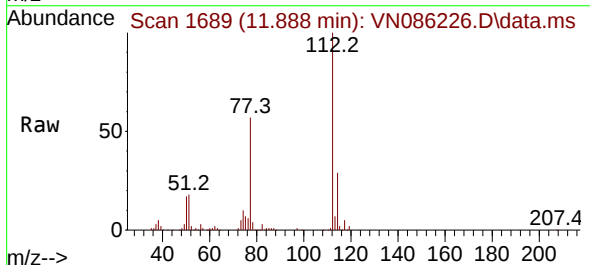
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

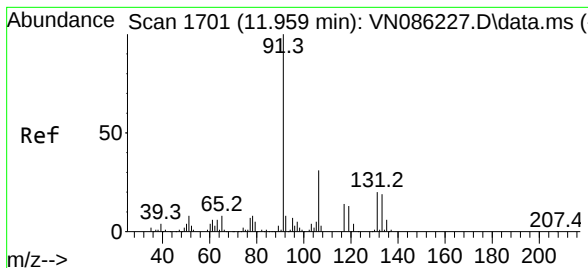
Tgt Ion: 98 Resp: 182717
Ion Ratio Lower Upper
98 100
100 65.6 53.9 80.9



#64
Chlorobenzene
Concen: 63.604 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 112 Resp: 198687
Ion Ratio Lower Upper
112 100
114 29.5 26.5 39.7

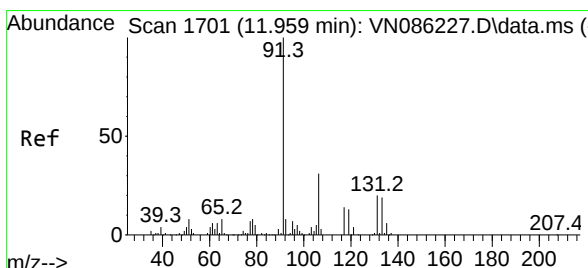
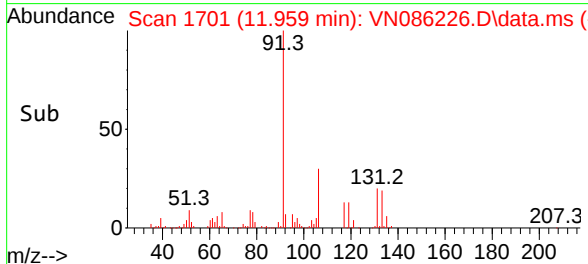
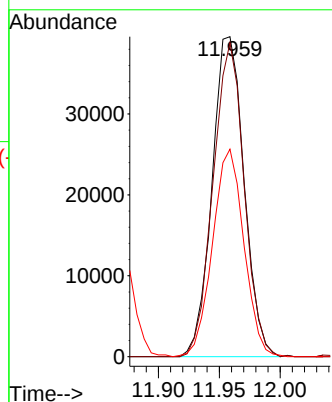
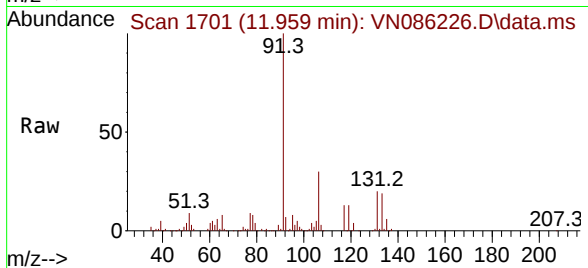




#65
1,1,1,2-Tetrachloroethane
Concen: 62.971 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

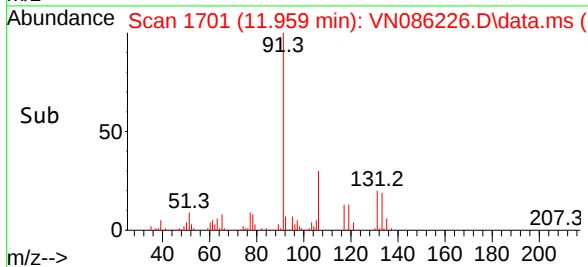
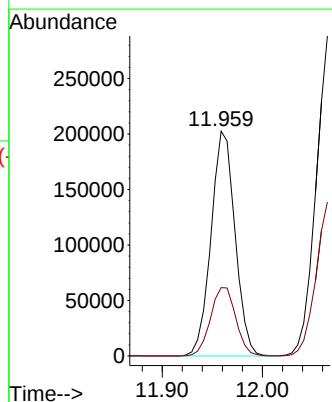
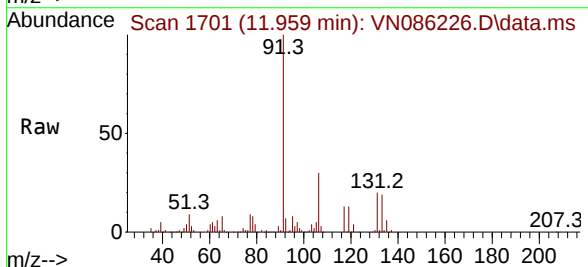
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

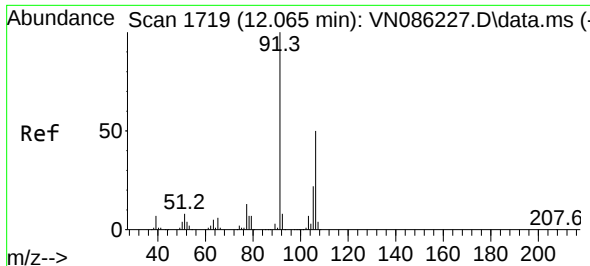
Tgt Ion:131 Resp: 72387
Ion Ratio Lower Upper
131 100
133 95.0 0.0 187.0
119 63.5 0.0 125.2



#66
Ethyl Benzene
Concen: 64.879 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 91 Resp: 337065
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

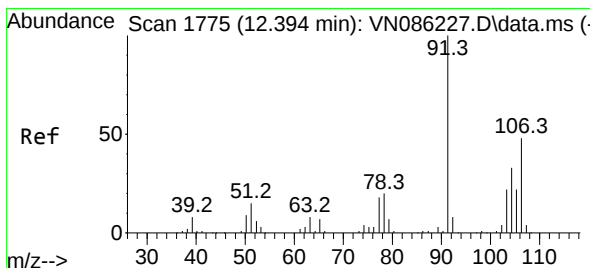
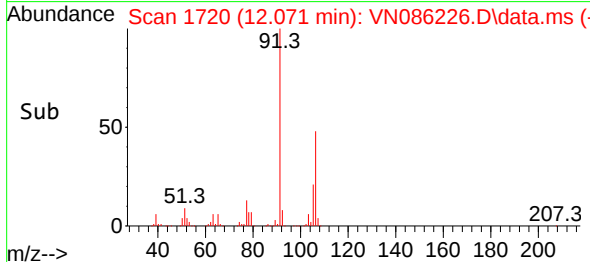
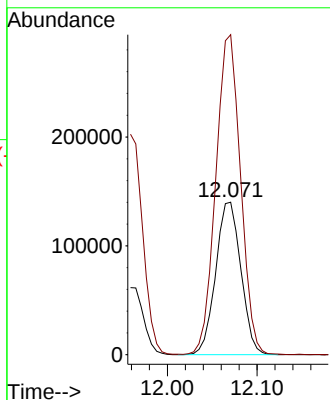
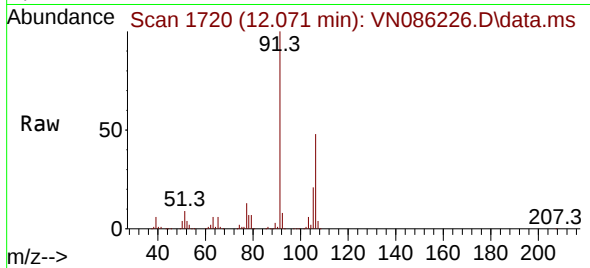




#67
m/p-Xylenes
Concen: 133.090 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

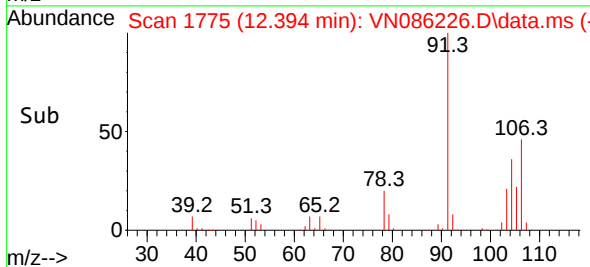
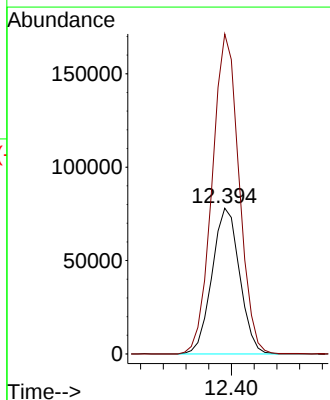
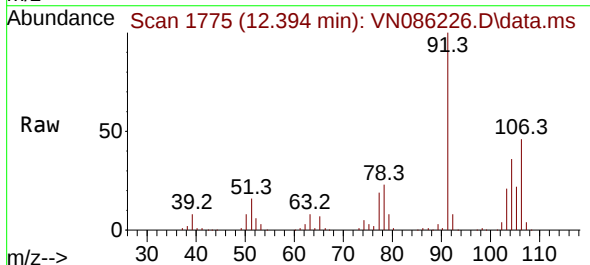
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

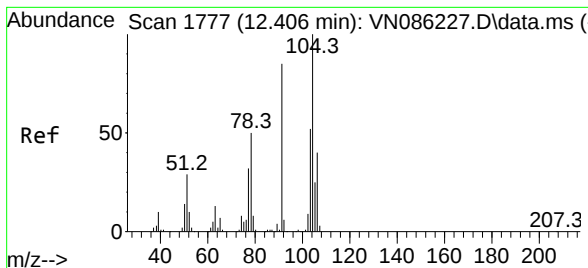
Tgt Ion:106 Resp: 272961
Ion Ratio Lower Upper
106 100
91 206.8 161.4 242.0



#68
o-Xylene
Concen: 66.492 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:106 Resp: 131636
Ion Ratio Lower Upper
106 100
91 213.9 106.1 318.1





#69

Styrene

Concen: 70.563 ug/l

RT: 12.406 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

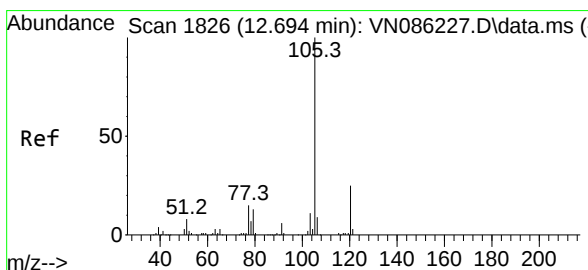
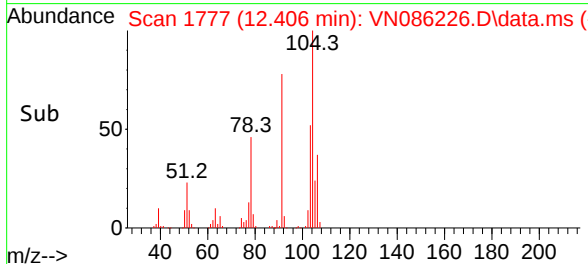
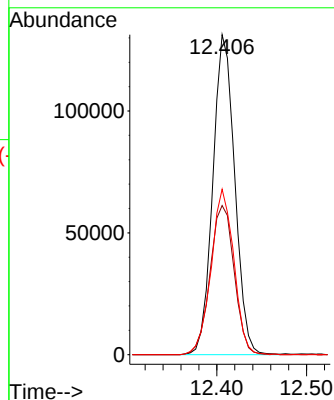
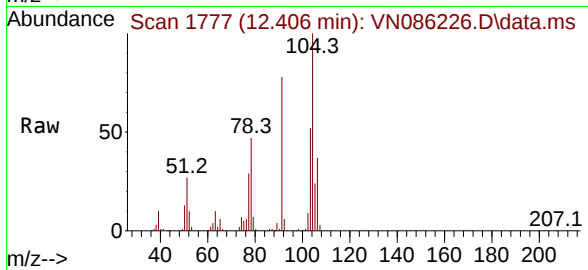
Tgt Ion:104 Resp: 222765

Ion Ratio Lower Upper

104 100

78 51.3 40.9 61.3

103 53.6 42.6 63.8



#70

Isopropylbenzene

Concen: 65.581 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086226.D

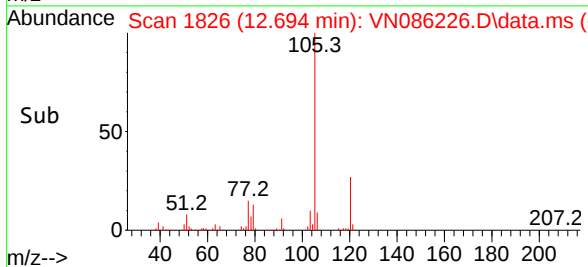
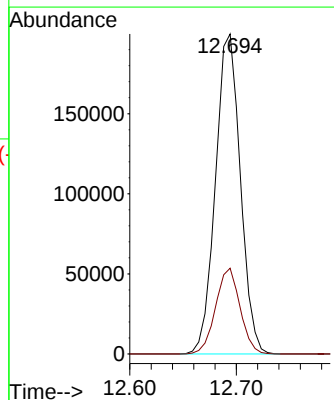
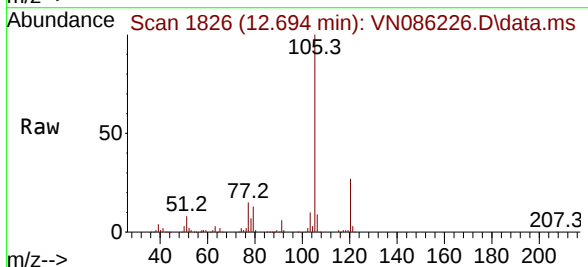
Acq: 04 Apr 2025 12:02

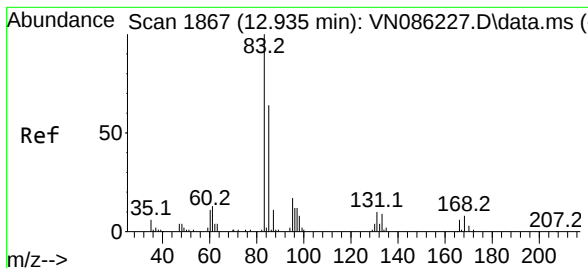
Tgt Ion:105 Resp: 324019

Ion Ratio Lower Upper

105 100

120 26.3 18.0 33.4

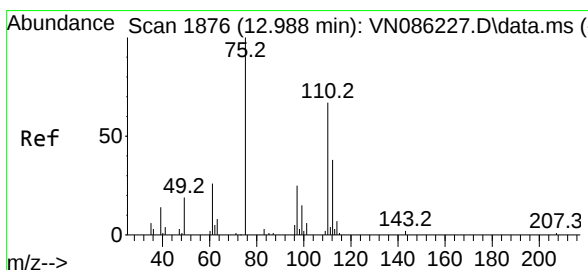
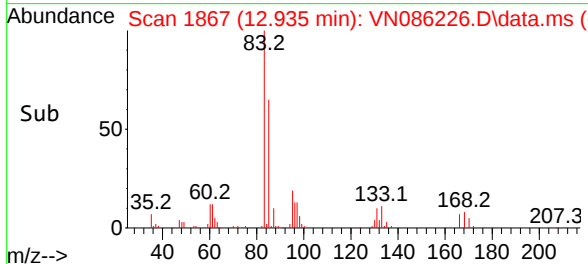
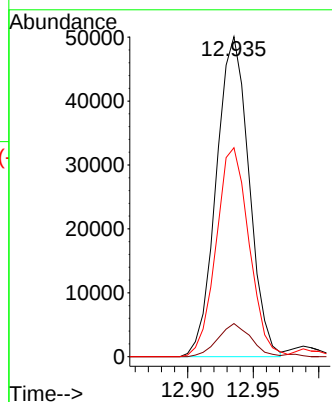
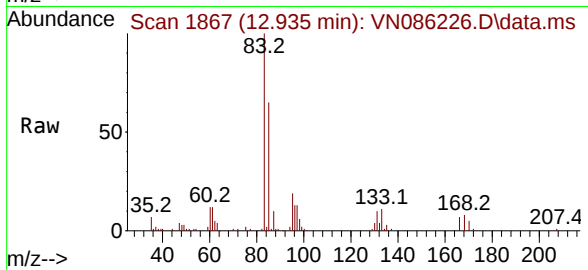




#71
1,1,2,2-Tetrachloroethane
Concen: 60.680 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

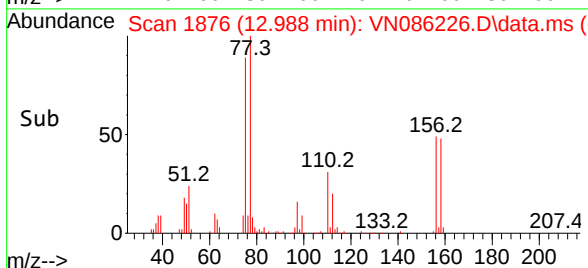
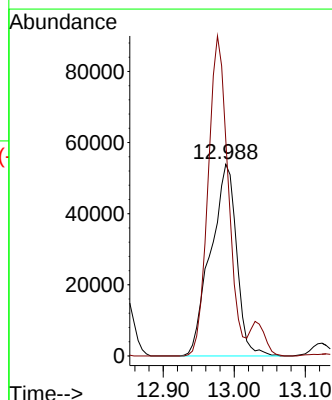
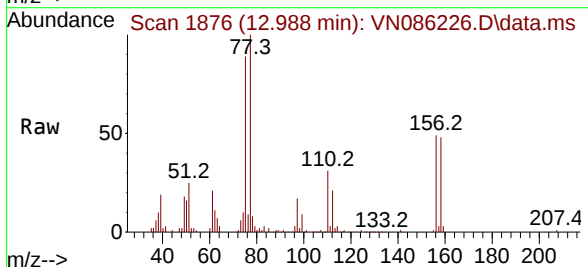
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

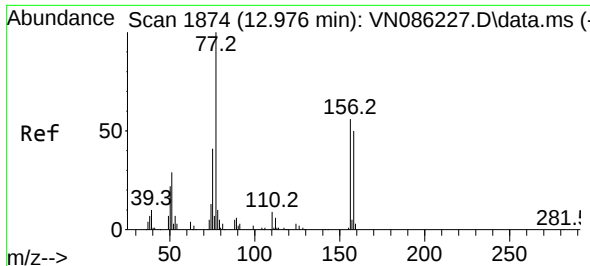
Tgt Ion: 83 Resp: 86961
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 65.6 32.6 97.8



#72
1,2,3-Trichloropropane
Concen: 98.850 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 75 Resp: 136775
Ion Ratio Lower Upper
75 100
77 129.3 0.0 412.2

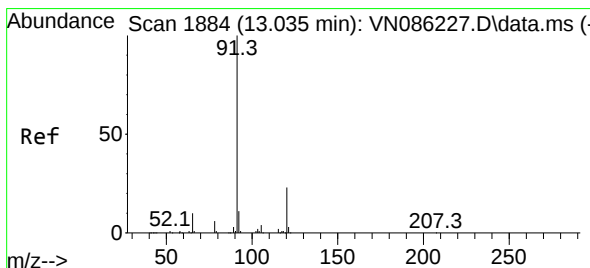
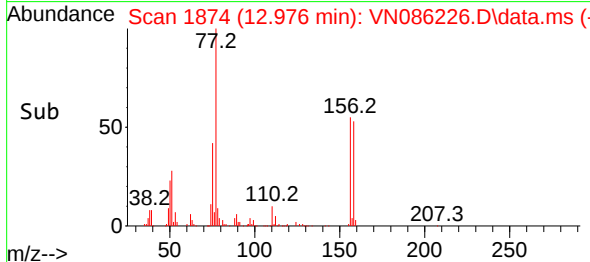
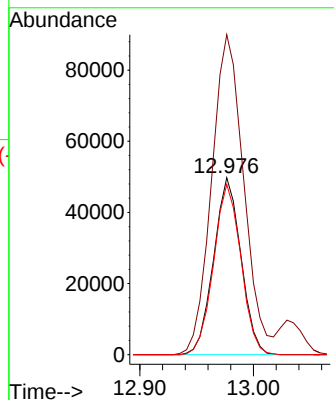
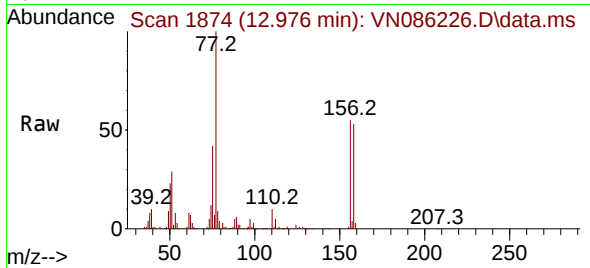




#73
Bromobenzene
Concen: 65.461 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

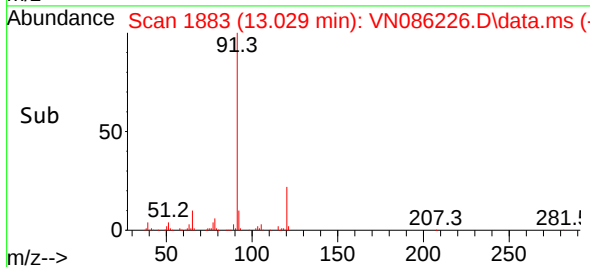
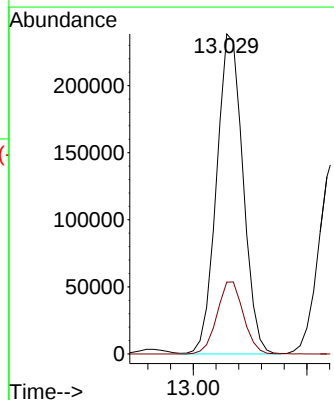
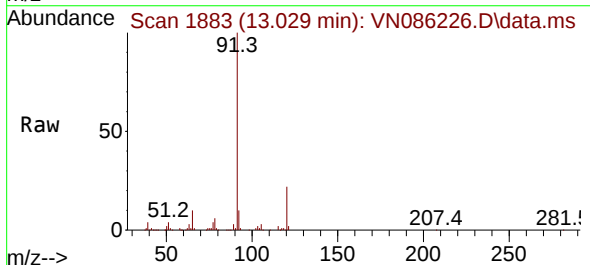
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

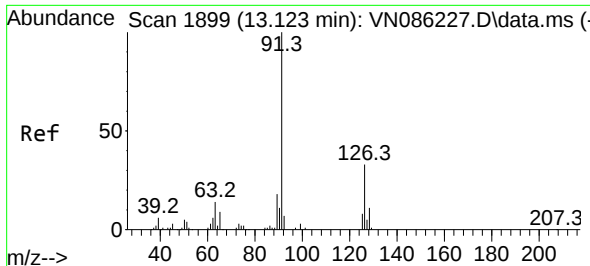
Tgt Ion:	156	Resp:	83339
Ion Ratio	Lower	Upper	
156	100		
77	212.3	0.0	431.8
158	95.9	0.0	197.0



#74
n-propylbenzene
Concen: 68.240 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:	91	Resp:	385970
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	46.0

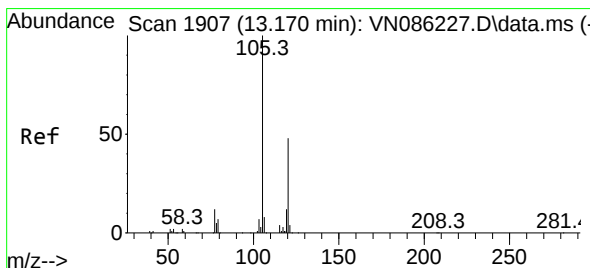
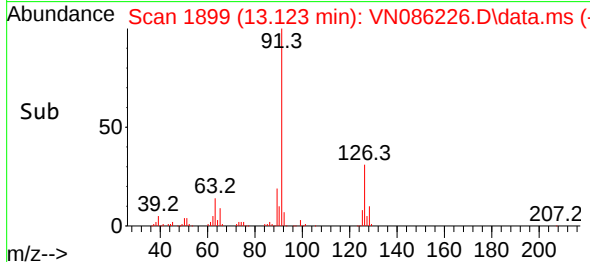
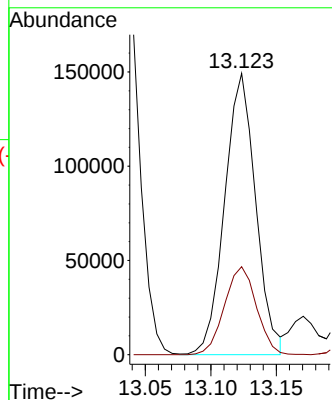
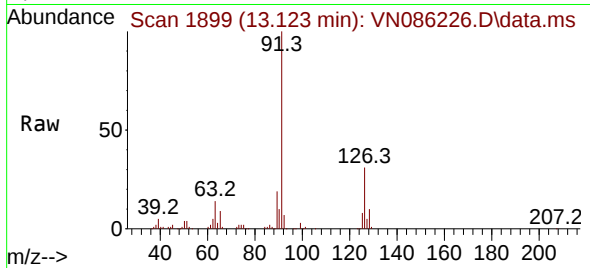




#75
2-Chlorotoluene
Concen: 65.352 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

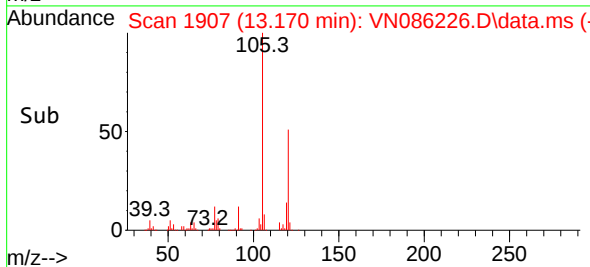
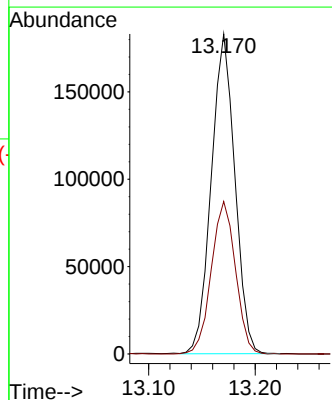
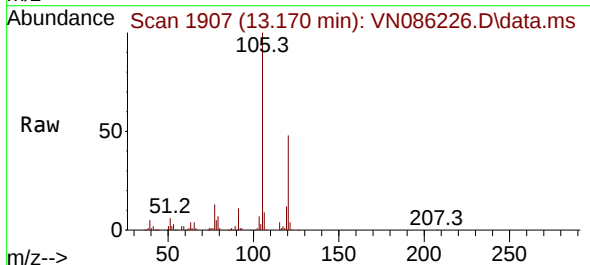
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

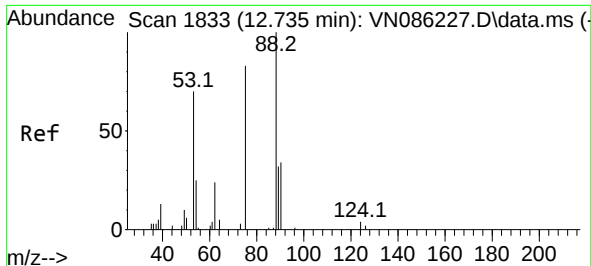
Tgt Ion: 91 Resp: 246159
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.6



#76
1,3,5-Trimethylbenzene
Concen: 67.539 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 105 Resp: 281336
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.8

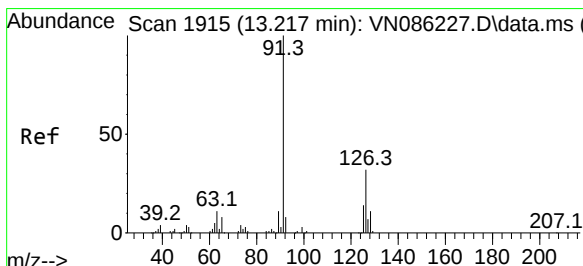
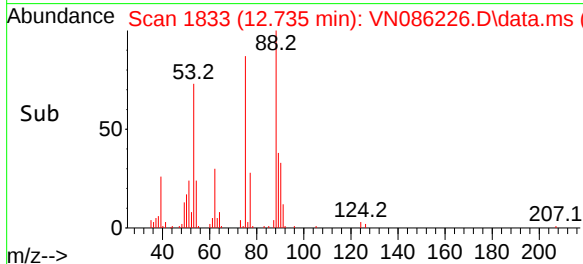
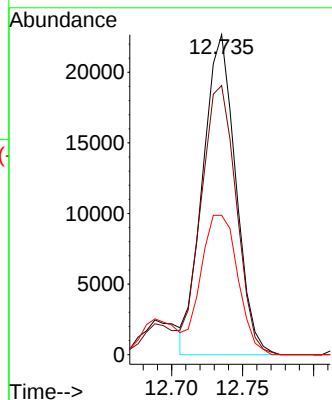
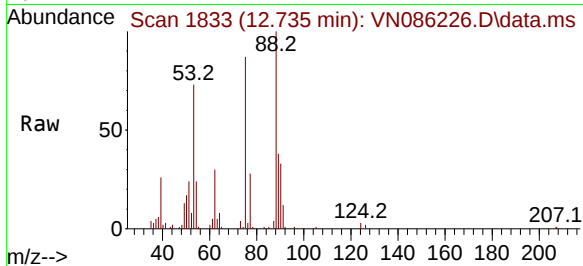




#77
t-1,4-Dichloro-2-butene
Concen: 66.229 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

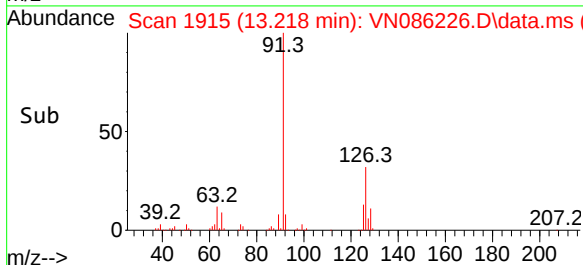
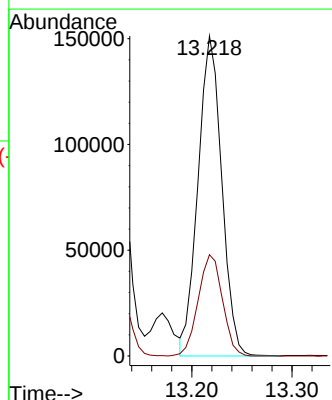
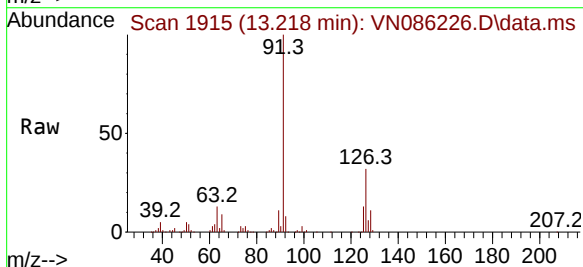
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

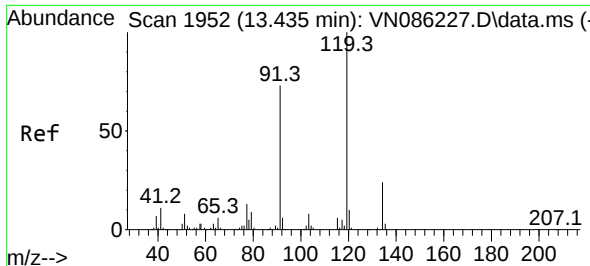
Tgt Ion: 75 Resp: 36551
Ion Ratio Lower Upper
75 100
53 84.1 42.0 126.0
89 43.6 21.6 65.0



#78
4-Chlorotoluene
Concen: 66.617 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 91 Resp: 248843
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.4

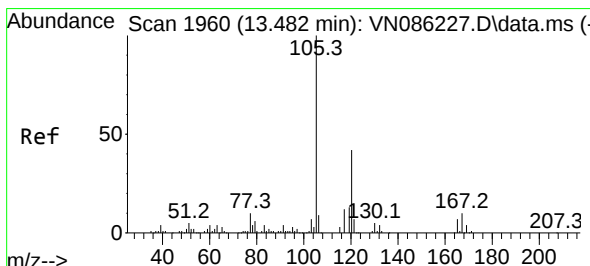
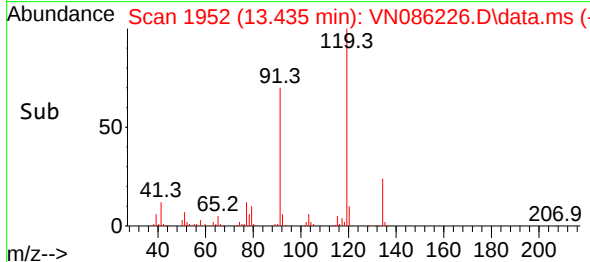
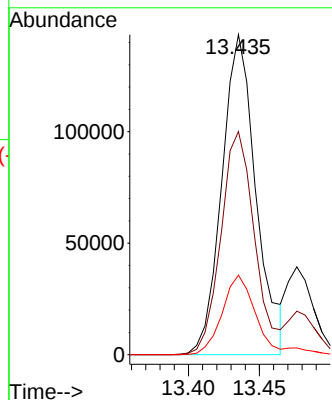
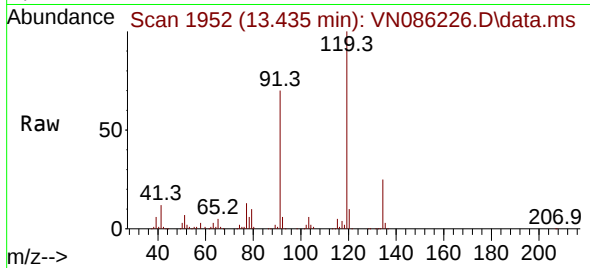




#79
tert-butylbenzene
Concen: 70.047 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

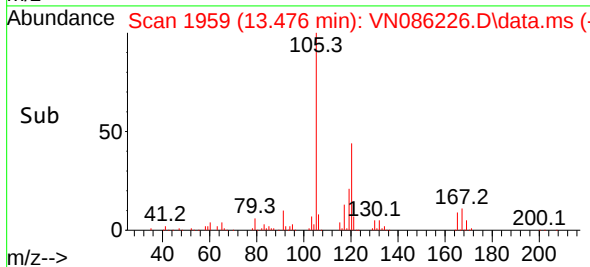
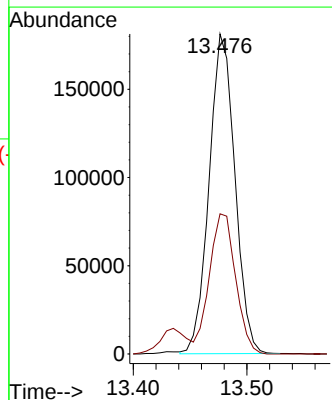
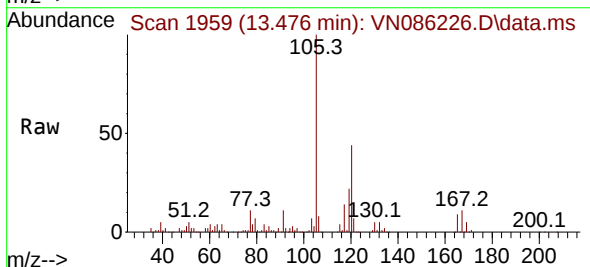
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

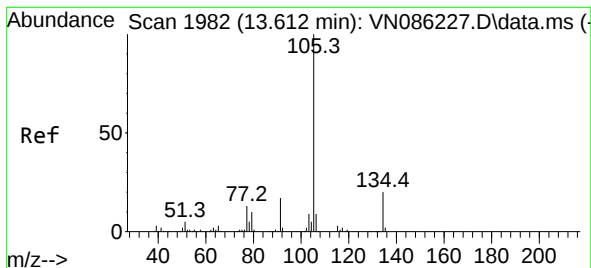
Tgt Ion:119 Resp: 240440
Ion Ratio Lower Upper
119 100
91 68.9 0.0 138.6
134 23.6 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 68.433 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:105 Resp: 286026
Ion Ratio Lower Upper
105 100
120 44.5 0.0 86.6





#81

sec-Butylbenzene

Concen: 71.210 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

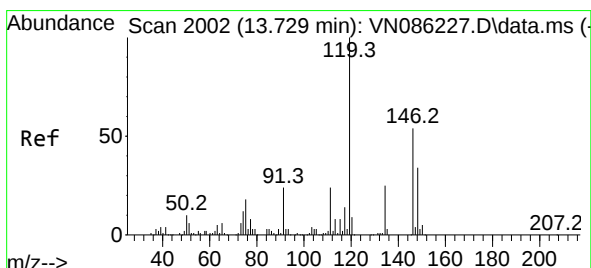
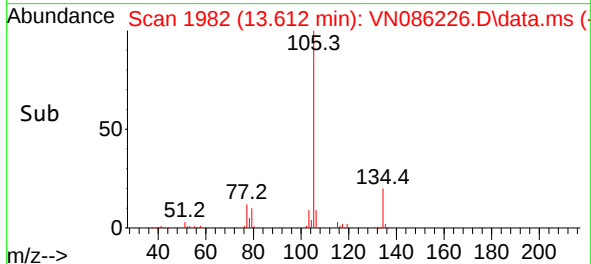
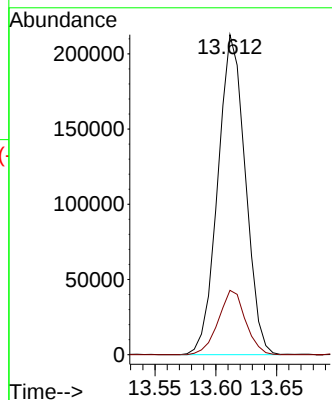
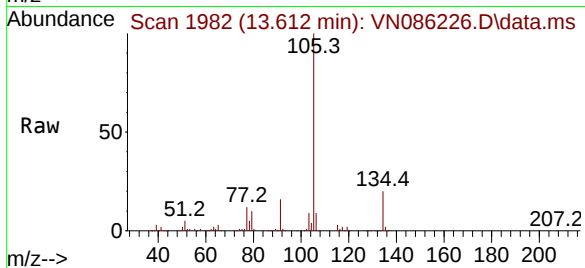
VSTDIC050

Tgt Ion:105 Resp: 334779

Ion Ratio Lower Upper

105 100

134 19.9 0.0 39.0



#82

p-Isopropyltoluene

Concen: 73.839 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

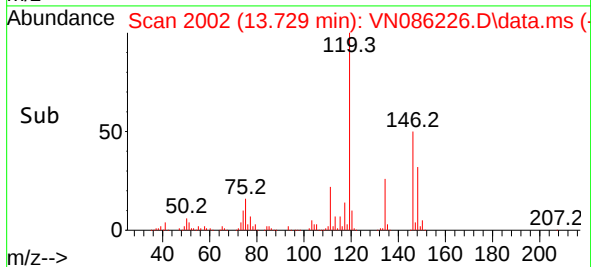
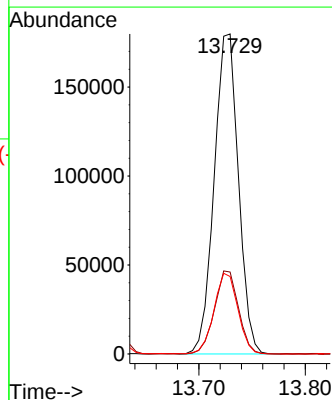
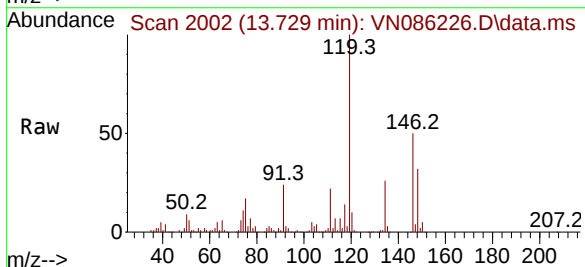
Tgt Ion:119 Resp: 284018

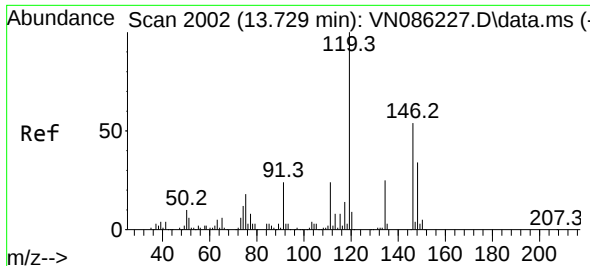
Ion Ratio Lower Upper

119 100

134 25.7 0.0 52.2

91 24.9 0.0 50.4

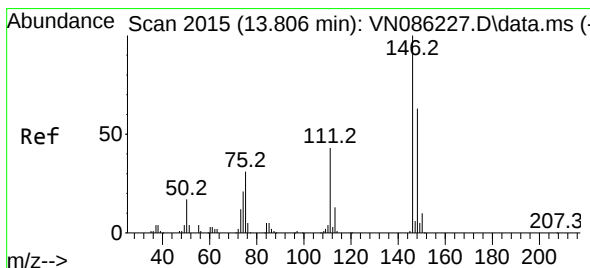
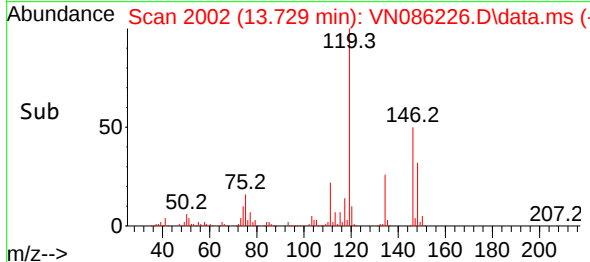
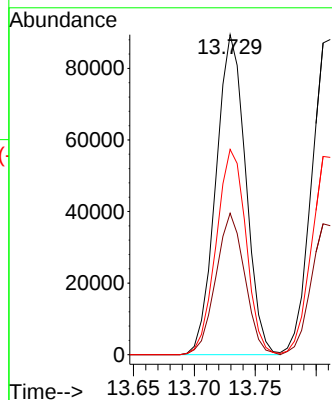
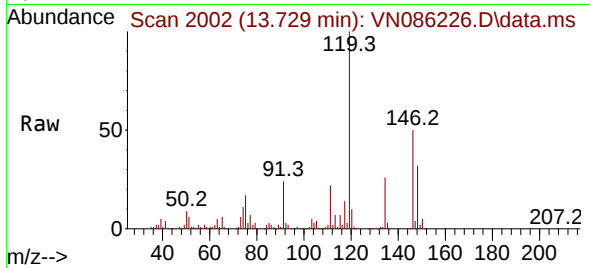




#83
1,3-Dichlorobenzene
Concen: 65.781 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

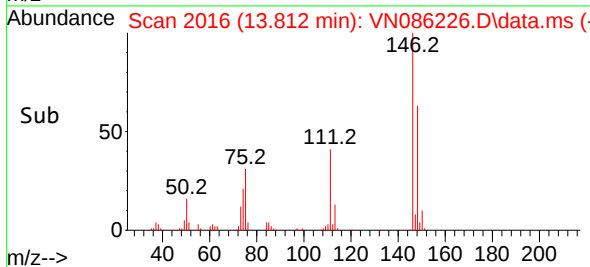
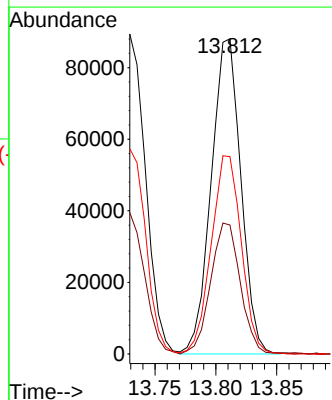
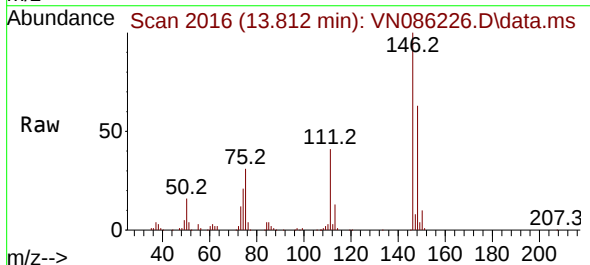
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

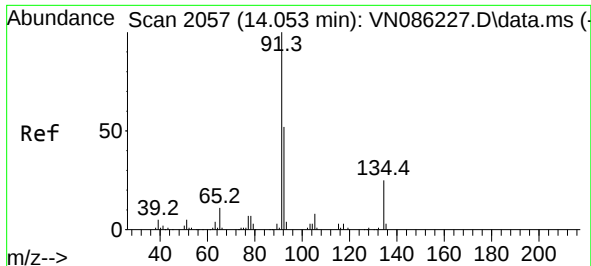
Tgt Ion:146 Resp: 152114
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.4
148 64.2 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 66.266 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:146 Resp: 149564
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 31.6 94.8

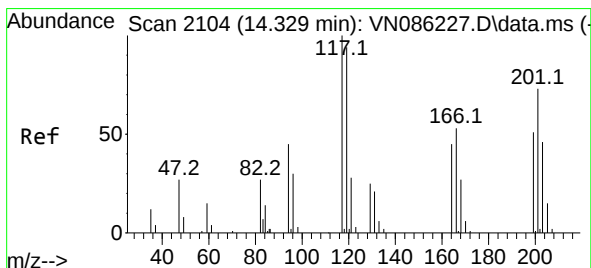
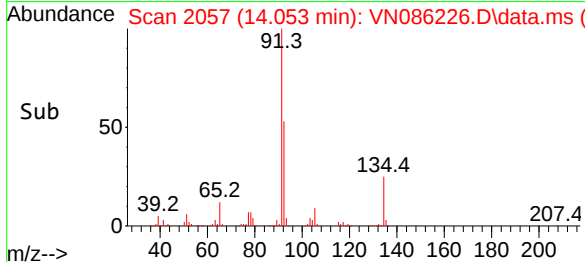
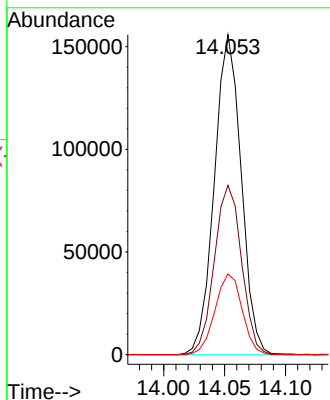
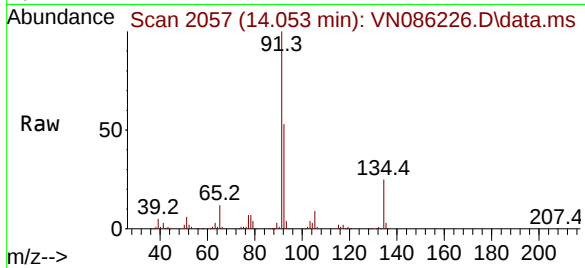




#85
n-Butylbenzene
Concen: 76.943 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

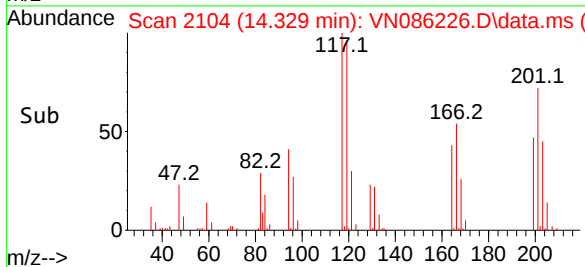
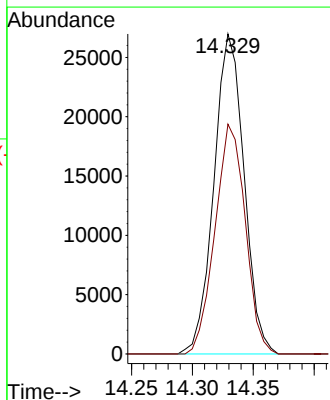
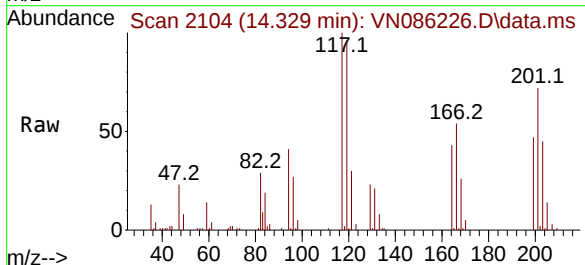
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

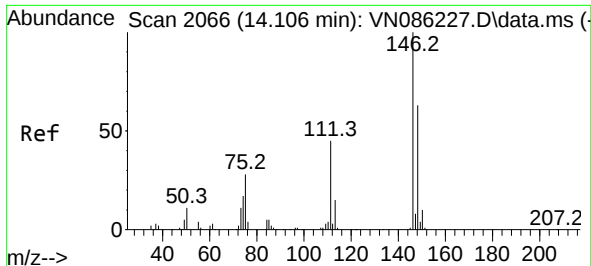
Tgt Ion: 91 Resp: 238964
Ion Ratio Lower Upper
91 100
92 53.7 0.0 106.2
134 25.5 0.0 49.8



#86
Hexachloroethane
Concen: 68.149 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion: 117 Resp: 46451
Ion Ratio Lower Upper
117 100
201 72.1 36.4 109.2





#87

1,2-Dichlorobenzene

Concen: 66.135 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

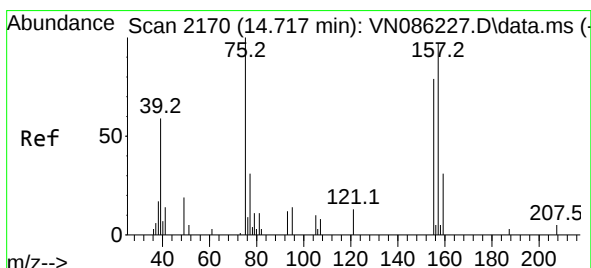
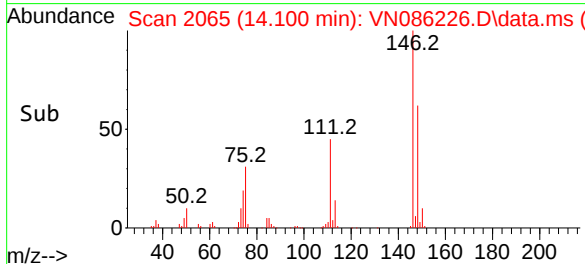
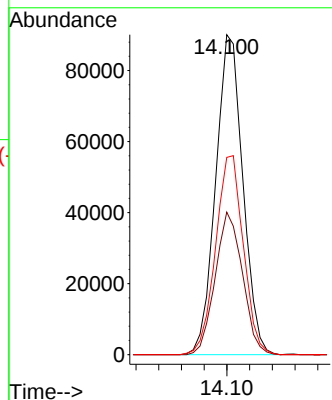
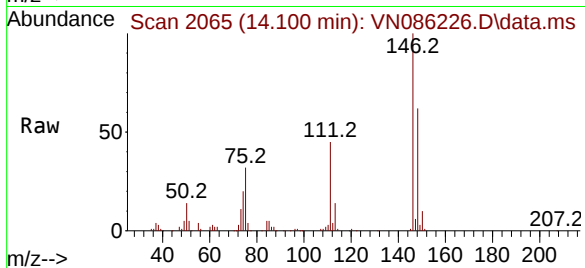
Tgt Ion:146 Resp: 149791

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.2

148 63.6 31.8 95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 67.235 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VN086226.D

Acq: 04 Apr 2025 12:02

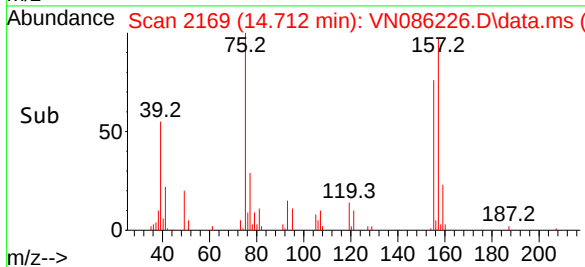
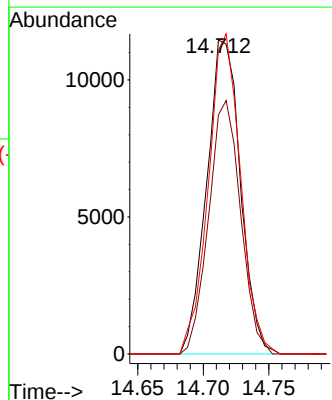
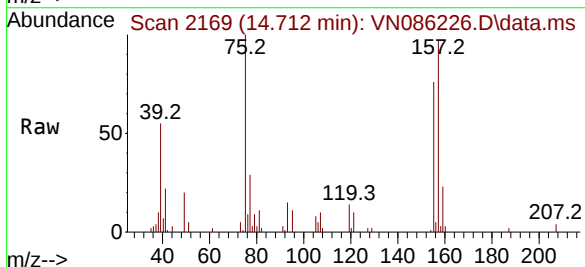
Tgt Ion: 75 Resp: 20501

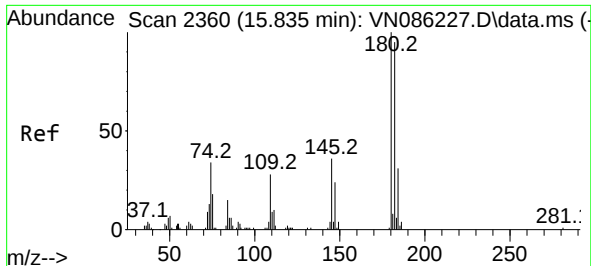
Ion Ratio Lower Upper

75 100

155 76.5 63.3 94.9

157 97.4 81.3 121.9

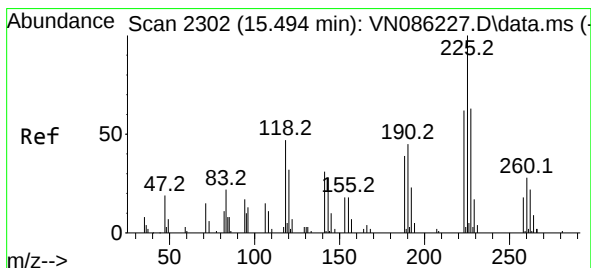
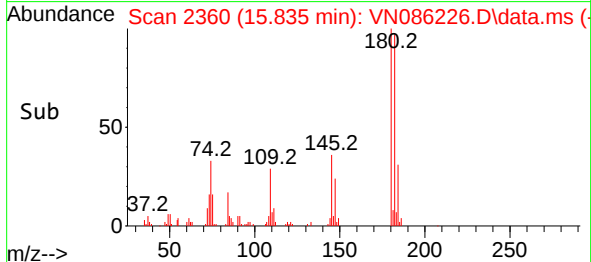
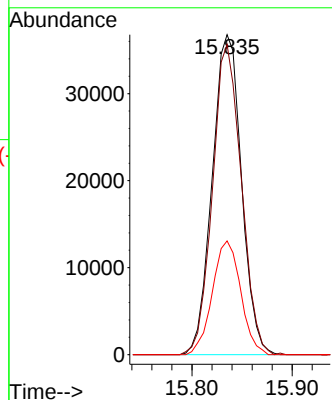
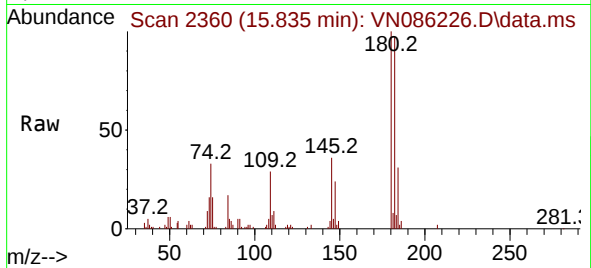




#89
1,2,4-Trichlorobenzene
Concen: 67.687 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

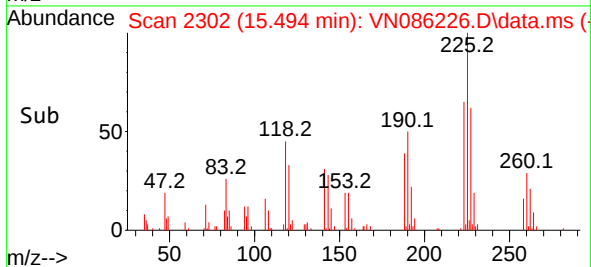
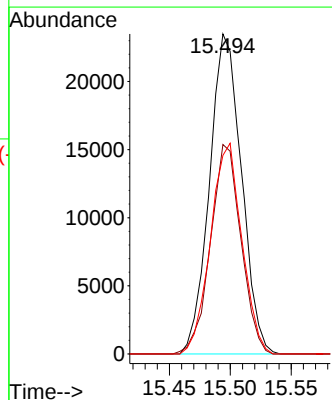
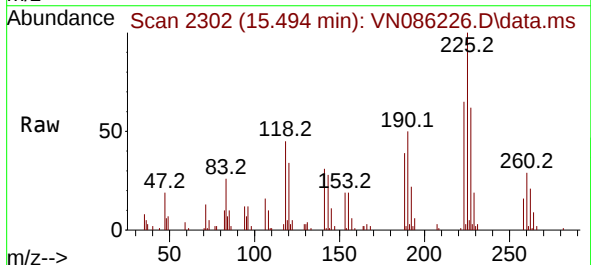
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

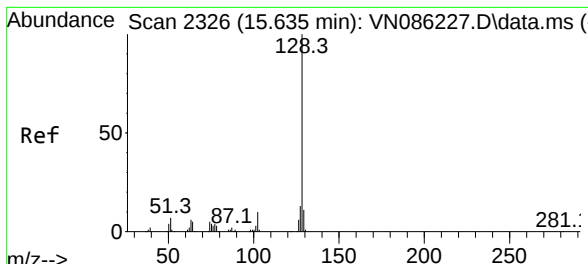
Tgt Ion:180 Resp: 74584
Ion Ratio Lower Upper
180 100
182 95.2 78.6 117.8
145 34.4 27.8 41.6



#90
Hexachlorobutadiene
Concen: 70.994 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:225 Resp: 42882
Ion Ratio Lower Upper
225 100
223 62.3 0.0 126.2
227 64.4 0.0 124.6



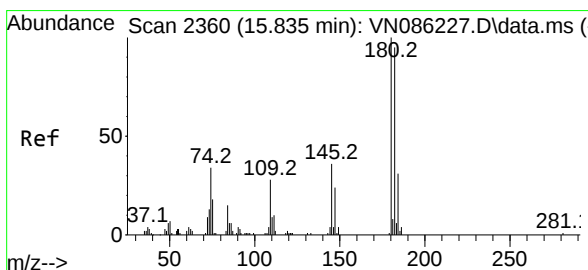
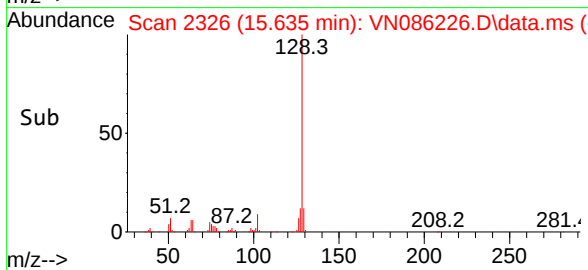
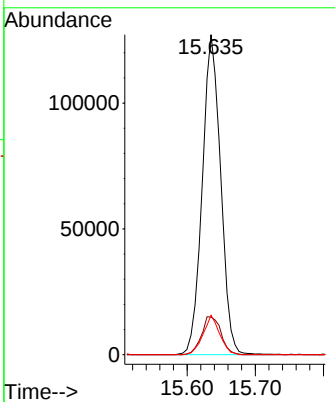
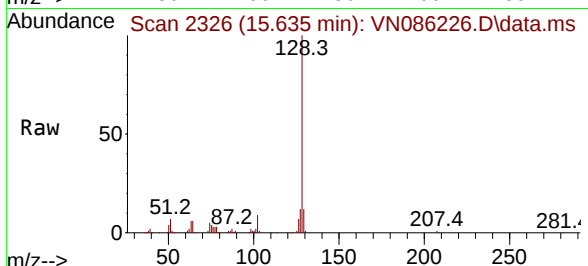


#91
Naphthalene
Concen: 66.865 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 238787

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	8.5	12.7



#92
1,2,3-Trichlorobenzene
Concen: 67.687 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086226.D
Acq: 04 Apr 2025 12:02

Tgt Ion:180 Resp: 74584

Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	196.4
145	34.4	0.0	69.4

