

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086379.D
 Acq On : 23 Apr 2025 12:37
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 24 04:25:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 03:57:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30419	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	174699	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164127	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84076	28.668	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.567%
60) 4-Bromofluorobenzene	12.847	95	98684	30.592	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.967%
63) Toluene-d8	10.565	98	268576	29.745	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	219730	104.629	ug/l	98
3) Chloromethane	2.360	50	306073	102.601	ug/l	97
4) Vinyl Chloride	2.512	62	291612	102.063	ug/l	98
5) Bromomethane	2.948	94	145025	97.222	ug/l	96
6) Chloroethane	3.112	64	188295	98.855	ug/l	96
7) Trichlorofluoromethane	3.501	101	339483	100.661	ug/l	99
8) Diethyl Ether	3.959	74	142350	99.994	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	210493	101.523	ug/l	97
10) 1,1-Dichloroethene	4.342	96	212572	100.169	ug/l	96
11) Methyl Iodide	4.589	142	254830	102.630	ug/l	97
12) Methyl Acetate	5.018	43	303813	101.006	ug/l	99
13) Acrolein	4.177	56	59777	526.461	ug/l	100
14) Acrylonitrile	5.712	53	562850	502.781	ug/l	99
15) Acetone	4.418	58	155944	505.531	ug/l	97
16) Carbon Disulfide	4.706	76	535511	95.765	ug/l	99
17) Allyl chloride	5.018	41	343007	101.086	ug/l	97
18) Methylene Chloride	5.271	84	240773	99.629	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	225835	99.843	ug/l	95
20) Diisopropyl ether	6.665	45	827730	102.594	ug/l	97
21) 1,1-Dichloroethane	6.565	63	442858	100.277	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	285798	101.049	ug/l	98
23) tert-Butyl Alcohol	5.512	59	203036	468.185	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	786920	100.365	ug/l	99
25) Chloroform	7.959	83	444712	99.497	ug/l	98
26) Cyclohexane	8.253	56	388134	99.536	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	323903	105.170	ug/l	99
30) 2-Butanone	7.477	43	777621	520.201	ug/l	100
31) 2,2-Dichloropropane	7.489	77	407332	102.887	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	378868	102.945	ug/l	99
33) Carbon Tetrachloride	8.359	117	315313	104.076	ug/l	98
34) Benzene	8.600	78	1017889	103.912	ug/l	98
35) Methacrylonitrile	7.777	41	176285	103.381	ug/l	97
36) 1,2-Dichloroethane	8.665	62	330021	103.769	ug/l	99
37) Trichloroethene	9.347	130	256115	104.441	ug/l	94
38) Methylcyclohexane	9.594	83	374627	105.322	ug/l	99
39) 1,2-Dichloropropane	9.618	63	248413	102.652	ug/l	97
40) Dibromomethane	9.706	93	165831	102.469	ug/l	98
41) Bromodichloromethane	9.883	83	356275	104.030	ug/l	100
42) Vinyl Acetate	6.600	43	2634471	508.753	ug/l	100

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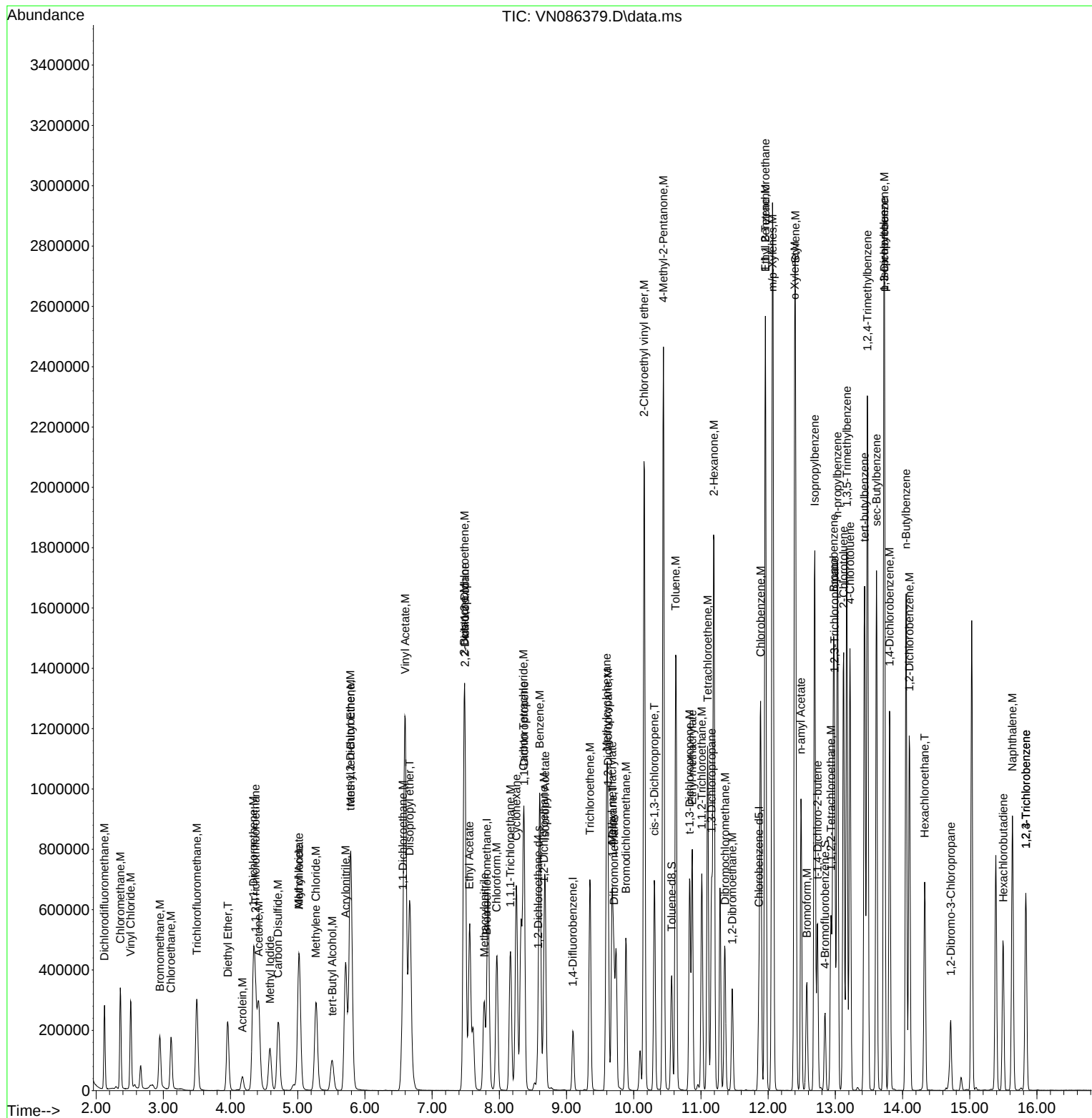
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	296729	100.306	ug/l	98
44) Isopropyl Acetate	8.683	43	563189	100.309	ug/l	99
45) 1,4-Dioxane	9.688	88	89081	2033.531	ug/l	97
46) Methyl methacrylate	9.677	41	266838	103.033	ug/l	99
47) n-amyl Acetate	12.488	43	504826	105.493	ug/l	99
48) t-1,3-Dichloropropene	10.830	75	406922	106.279	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	426255	105.570	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	235538	104.198	ug/l	97
51) Ethyl methacrylate	10.871	69	418356	106.266	ug/l	98
52) 1,3-Dichloropropane	11.159	76	415656	104.040	ug/l	100
53) Dibromochloromethane	11.359	129	266681	105.065	ug/l	99
54) 1,2-Dibromoethane	11.465	107	239438	104.177	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	956039	516.516	ug/l	100
56) Bromoform	12.576	173	175855	106.763	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	1605575	505.519	ug/l	100
59) 2-Hexanone	11.194	43	1186815	507.067	ug/l	99
61) Tetrachloroethene	11.100	164	256056	102.288	ug/l	96
62) Toluene	10.624	91	1133294	103.158	ug/l	99
64) Chlorobenzene	11.888	112	706237	103.170	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	236307	103.242	ug/l	99
66) Ethyl Benzene	11.959	91	1290476	104.357	ug/l	100
67) m/p-Xylenes	12.065	106	977944	208.429	ug/l	97
68) o-Xylene	12.394	106	479032	104.273	ug/l	98
69) Styrene	12.406	104	833303	107.015	ug/l	99
70) Isopropylbenzene	12.694	105	1206389	105.197	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	302296	100.113	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	472727	180.669	ug/l	43
73) Bromobenzene	12.976	156	273523	103.746	ug/l	98
74) n-propylbenzene	13.029	91	1448668	106.306	ug/l	100
75) 2-Chlorotoluene	13.124	91	881066	103.571	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	989559	105.165	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	143204	107.186	ug/l	95
78) 4-Chlorotoluene	13.218	91	902138	106.061	ug/l	100
79) tert-butylbenzene	13.435	119	838738	104.079	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	1000736	104.137	ug/l	97
81) sec-Butylbenzene	13.612	105	1210897	105.264	ug/l	99
82) p-Isopropyltoluene	13.723	119	1030447	107.051	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	525798	105.501	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	520155	105.635	ug/l	99
85) n-Butylbenzene	14.053	91	933101	108.639	ug/l	99
86) Hexachloroethane	14.329	117	169652	107.787	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	495563	104.502	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.718	75	63382	103.269	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	235238	108.839	ug/l	98
90) Hexachlorobutadiene	15.500	225	91753	105.391	ug/l	99
91) Naphthalene	15.635	128	843461	109.005	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	235238	108.839	ug/l	98

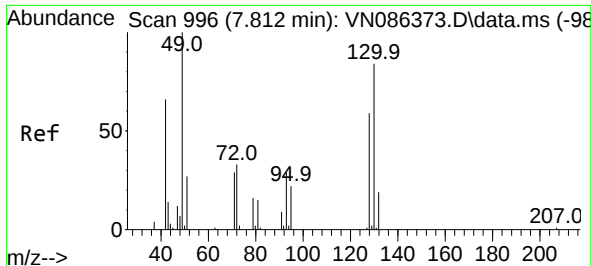
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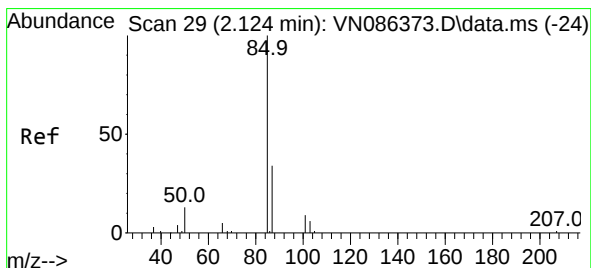
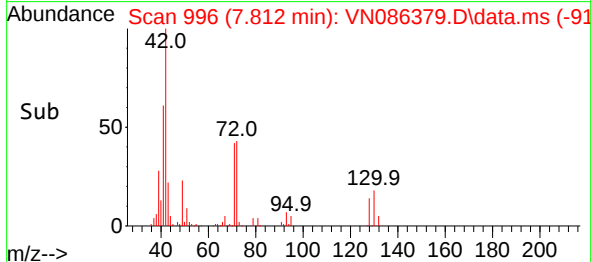
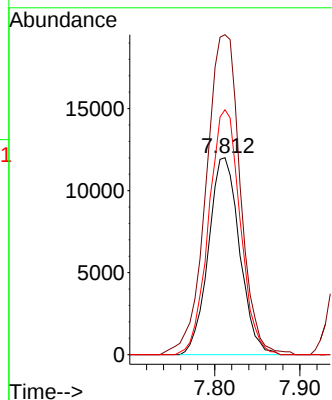
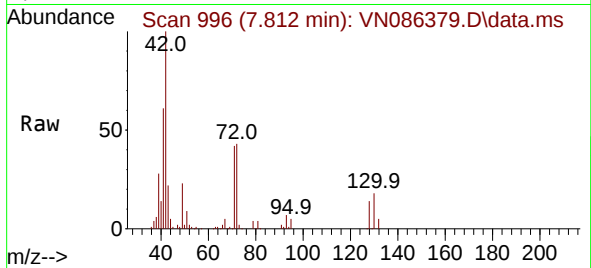




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
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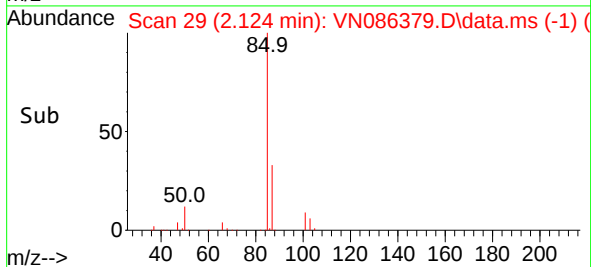
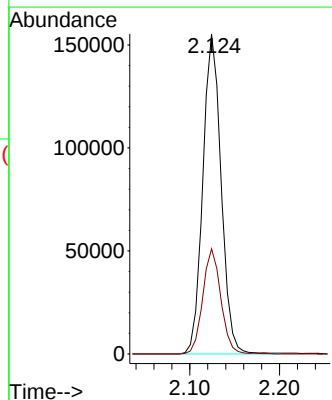
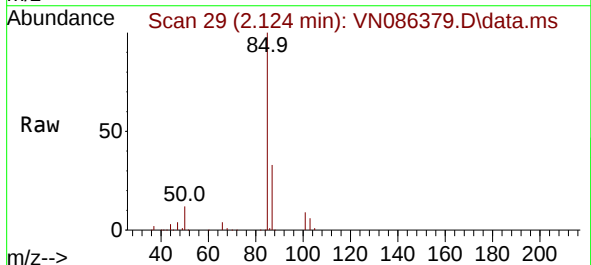
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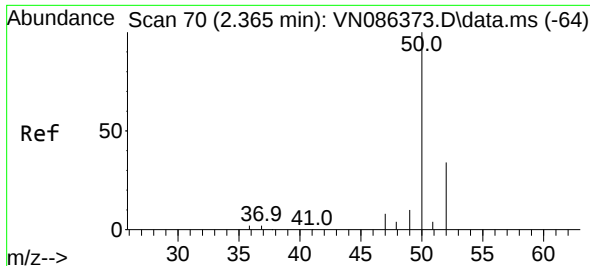
Tgt Ion:128 Resp: 30419
Ion Ratio Lower Upper
128 100
49 178.3 0.0 433.8
130 126.1 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 104.629 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 85 Resp: 219730
Ion Ratio Lower Upper
85 100
87 32.8 17.0 50.9

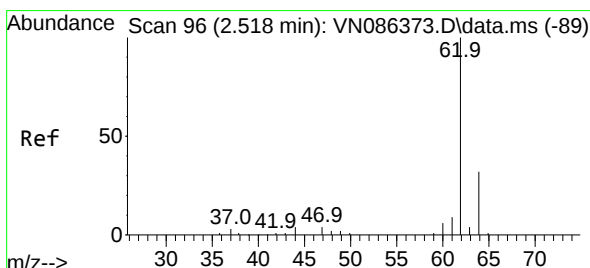
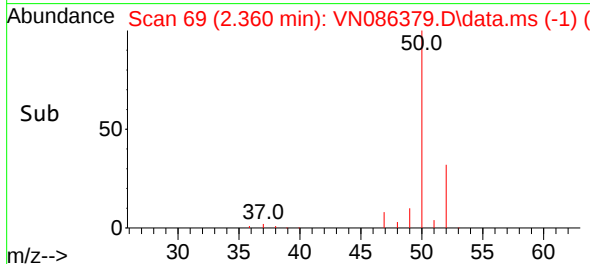
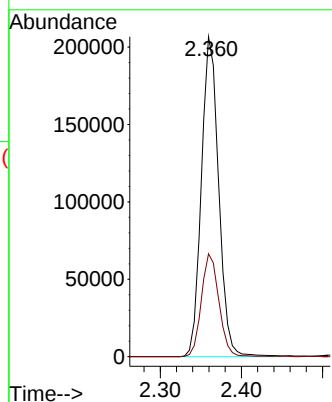
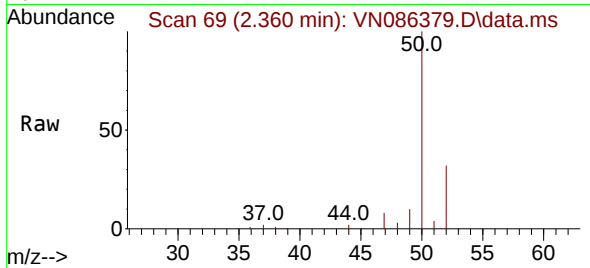




#3
Chloromethane
Concen: 102.601 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

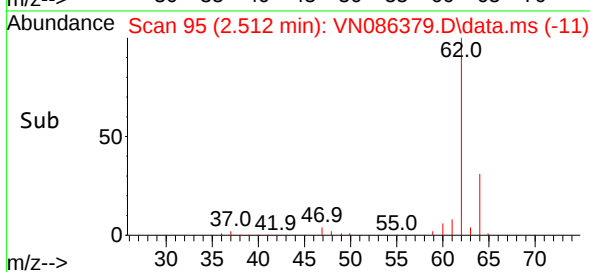
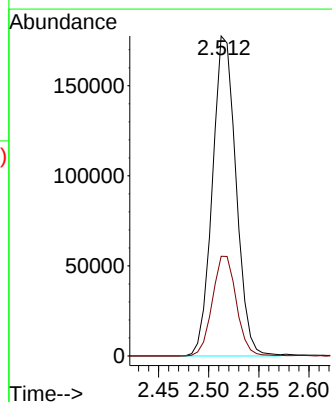
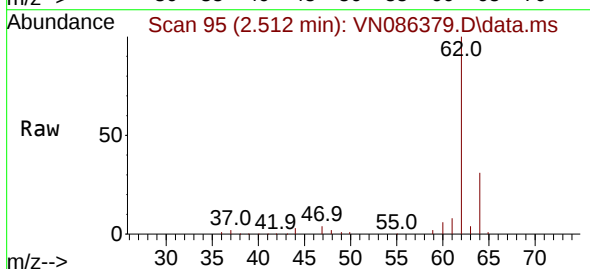
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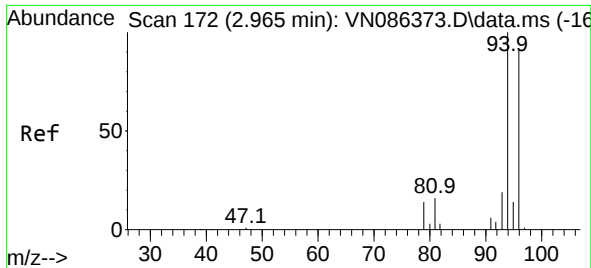
Tgt Ion: 50 Resp: 306073
Ion Ratio Lower Upper
50 100
52 32.2 27.3 40.9



#4
Vinyl Chloride
Concen: 102.063 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 62 Resp: 291612
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8

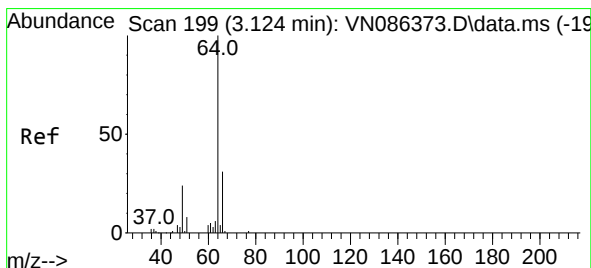
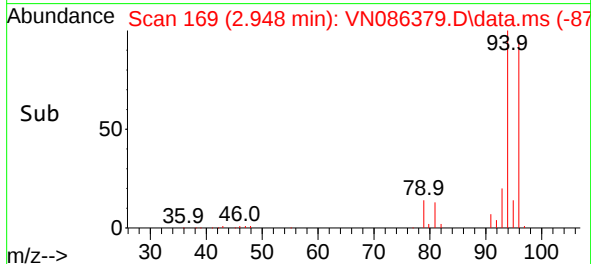
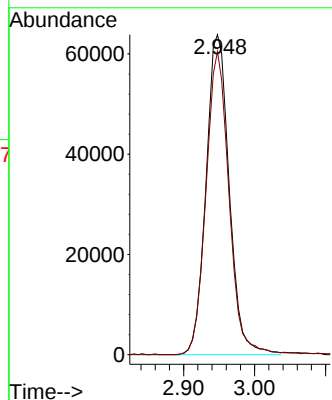
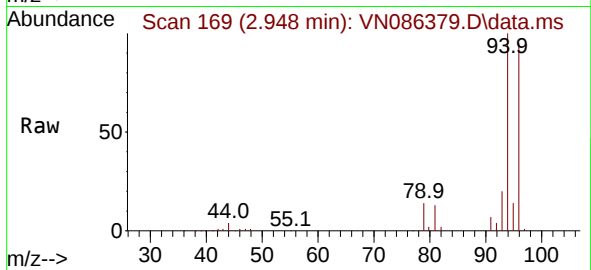




#5
Bromomethane
Concen: 97.222 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN086379.D
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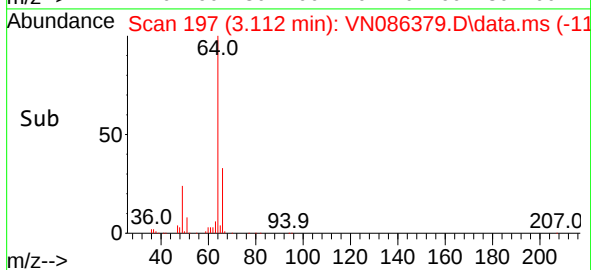
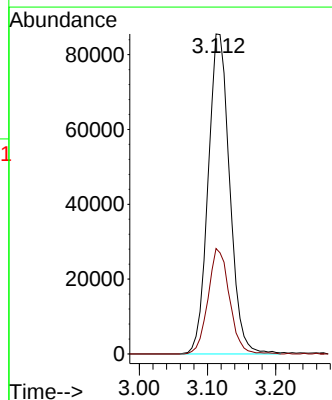
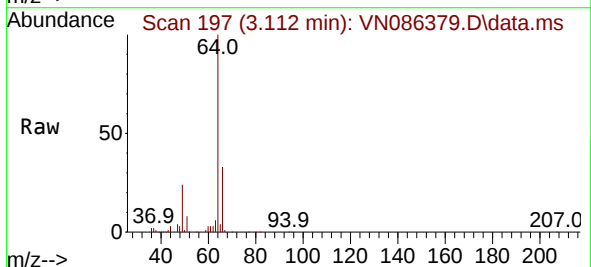
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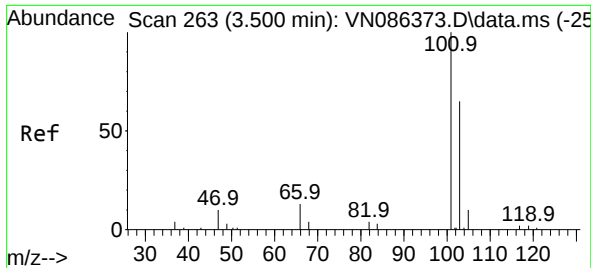
Tgt Ion: 94 Resp: 145025
Ion Ratio Lower Upper
94 100
96 94.5 72.4 108.6



#6
Chloroethane
Concen: 98.855 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN086379.D
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Tgt Ion: 64 Resp: 188295
Ion Ratio Lower Upper
64 100
66 32.9 24.5 36.7

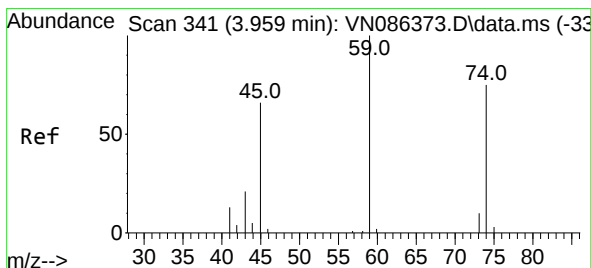
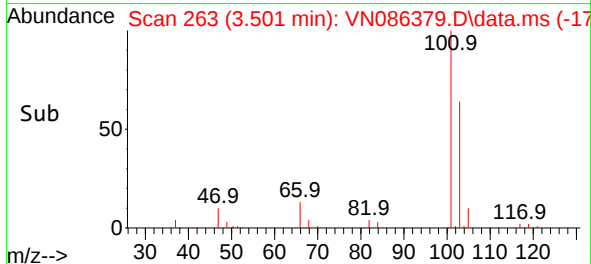
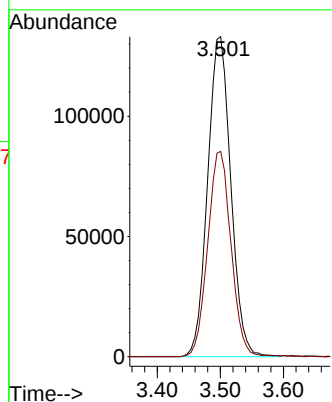
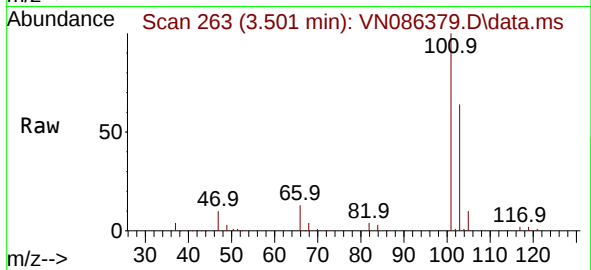




#7
 Trichlorofluoromethane
 Concen: 100.661 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
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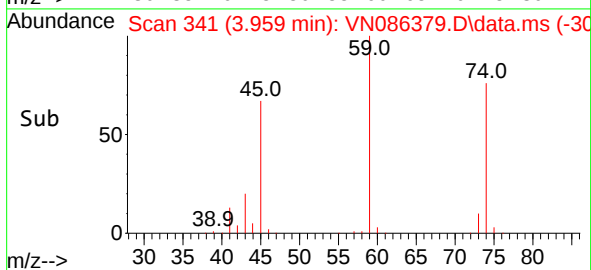
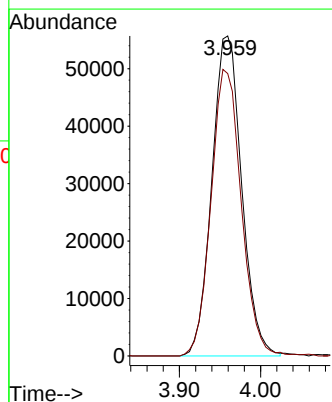
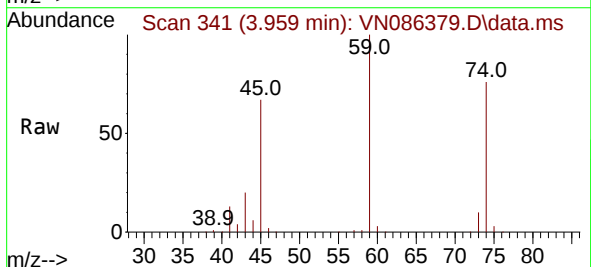
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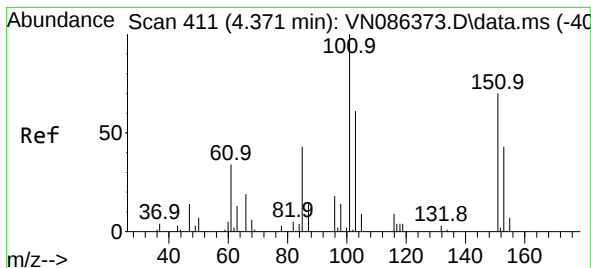
Tgt Ion:101 Resp: 339483
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6



#8
 Diethyl Ether
 Concen: 99.994 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 23 Apr 2025 12:37

Tgt Ion: 74 Resp: 142350
 Ion Ratio Lower Upper
 74 100
 45 90.5 18.5 166.3

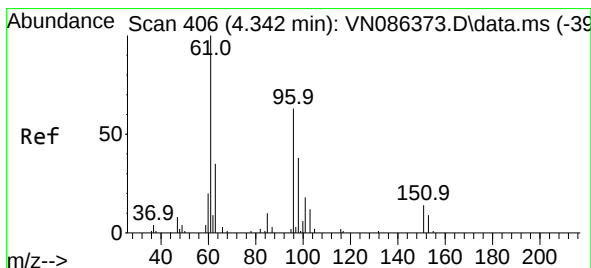
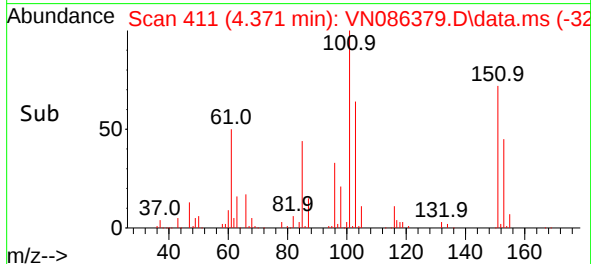
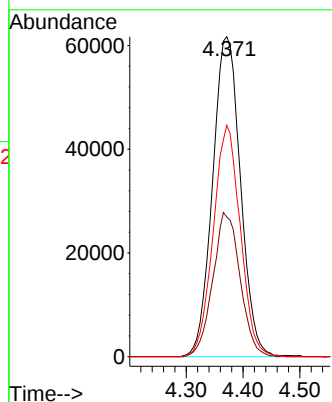
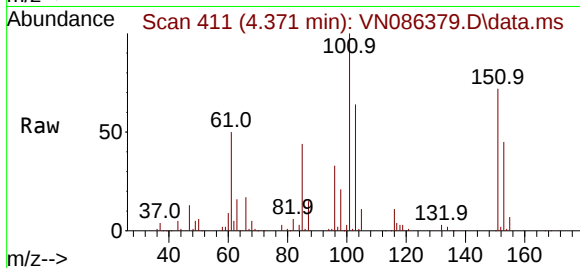




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 101.523 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
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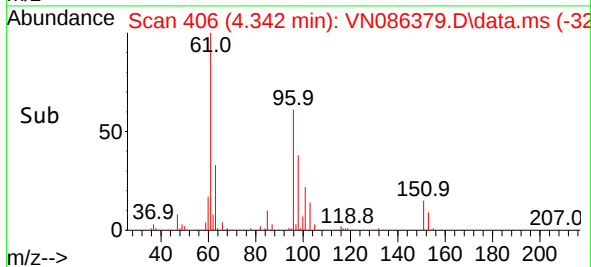
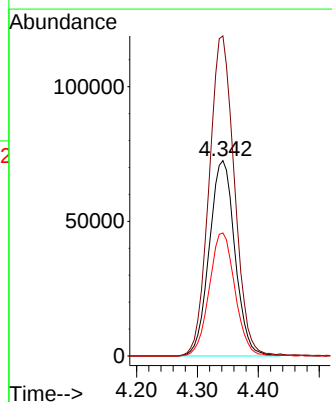
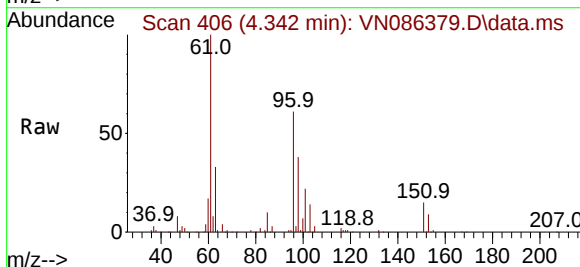
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 ClientSampleId :
 VSTDIC100

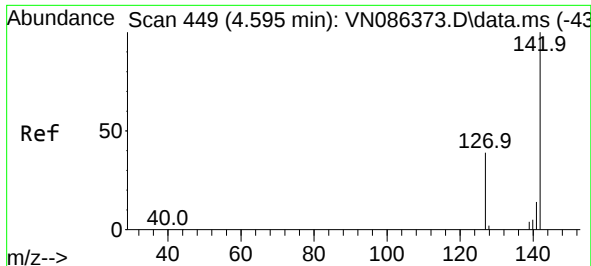
Tgt Ion:101 Resp: 210493
 Ion Ratio Lower Upper
 101 100
 85 44.0 0.0 84.4
 151 70.0 0.0 145.8



#10
 1,1-Dichloroethene
 Concen: 100.169 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

Tgt Ion: 96 Resp: 212572
 Ion Ratio Lower Upper
 96 100
 61 163.5 126.2 189.4
 98 62.9 48.5 72.7

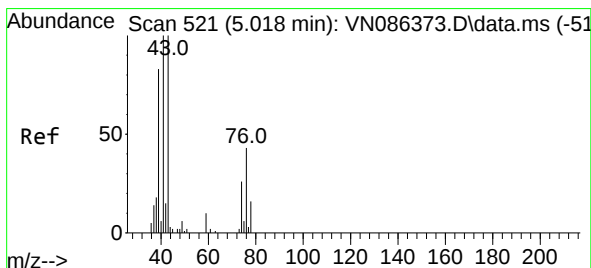
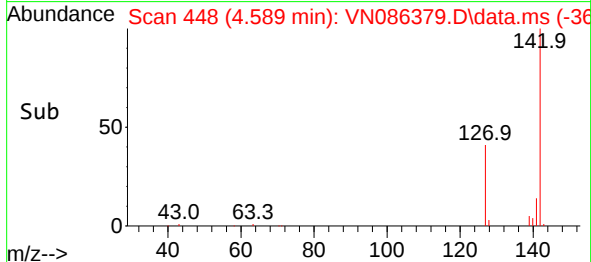
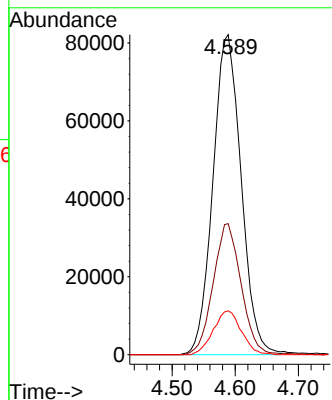
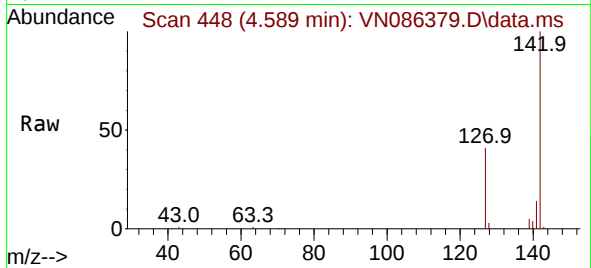




#11
Methyl Iodide
Concen: 102.630 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

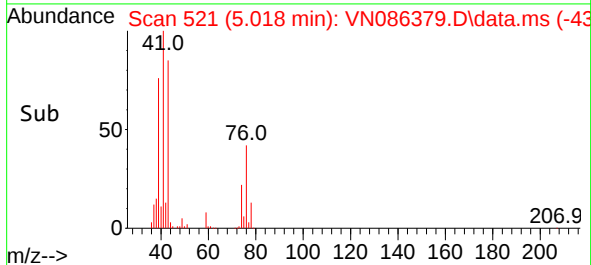
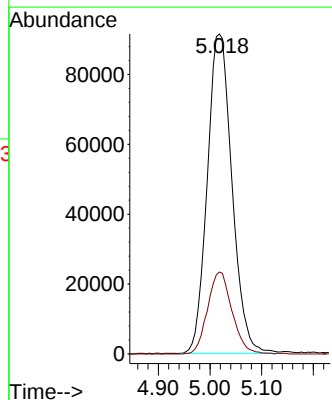
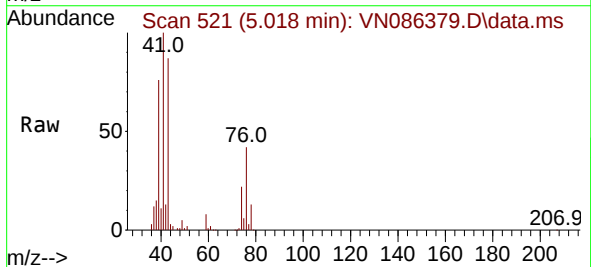
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

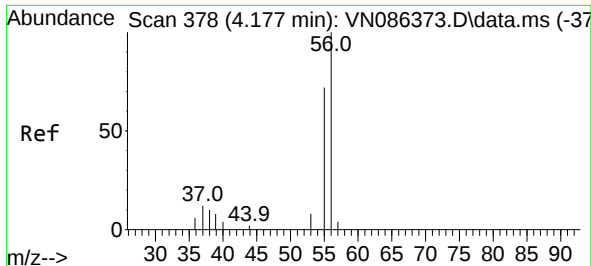
Tgt Ion:142 Resp: 254830
Ion Ratio Lower Upper
142 100
127 41.0 19.3 57.9
141 13.7 7.1 21.3



#12
Methyl Acetate
Concen: 101.006 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 43 Resp: 303813
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2

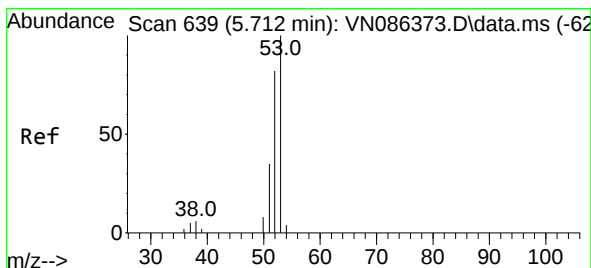
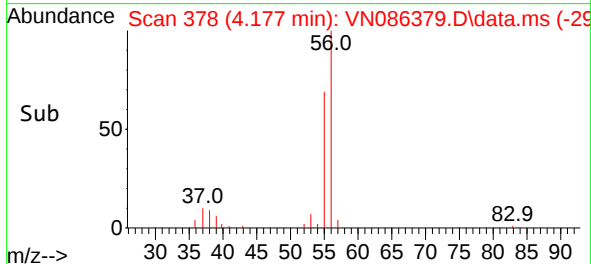
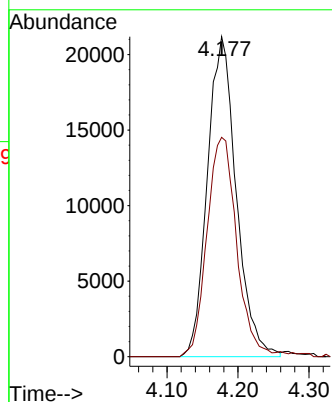
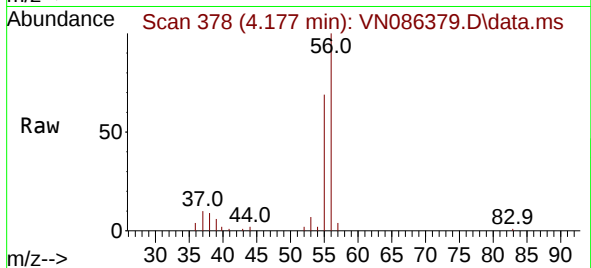




#13
Acrolein
Concen: 526.461 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

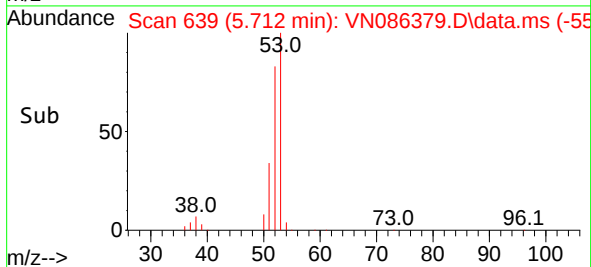
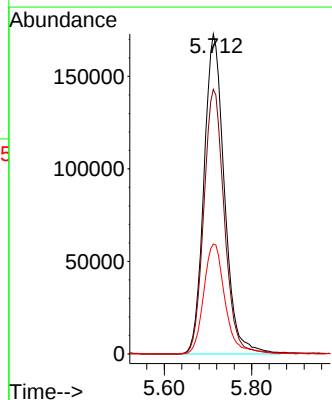
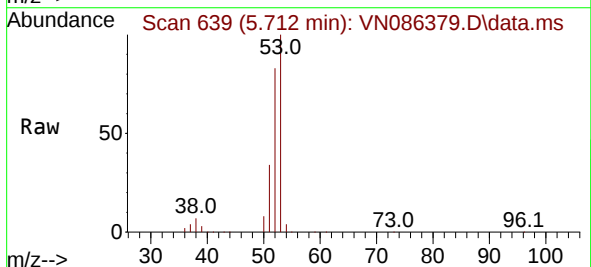
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

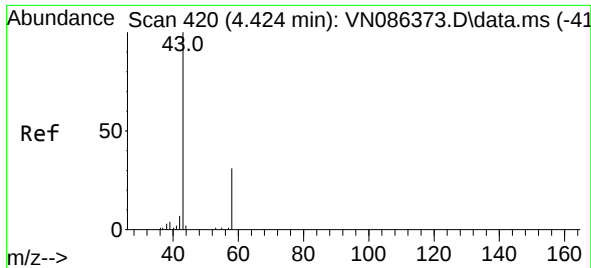
Tgt Ion: 56 Resp: 59777
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Acrylonitrile
Concen: 502.781 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 53 Resp: 562850
Ion Ratio Lower Upper
53 100
52 82.7 41.2 123.6
51 35.9 17.6 52.8

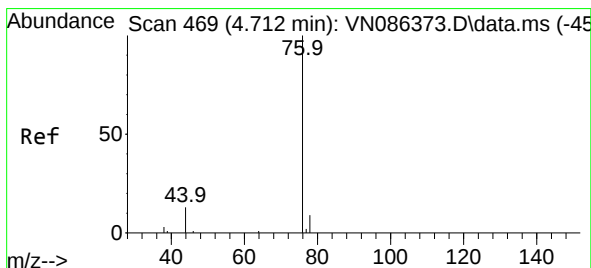
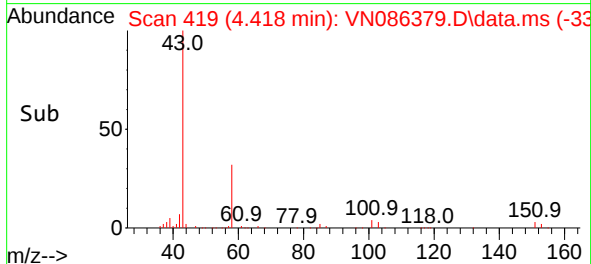
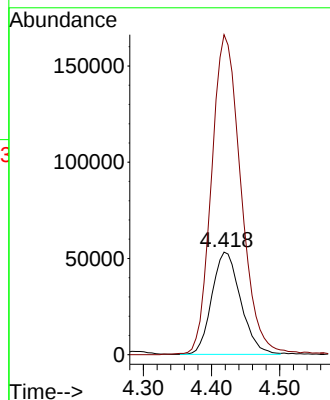
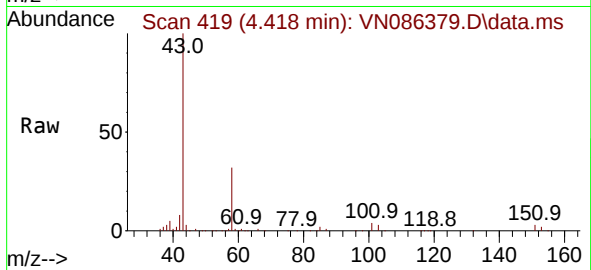




#15
Acetone
Concen: 505.531 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

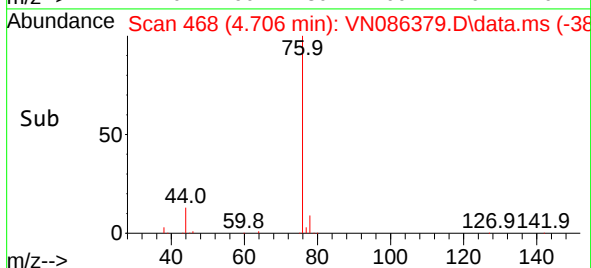
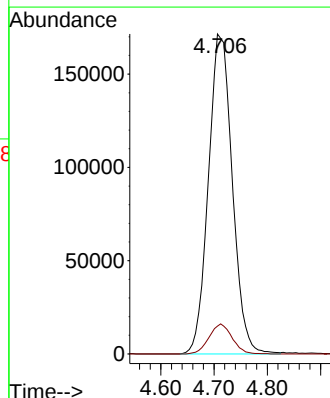
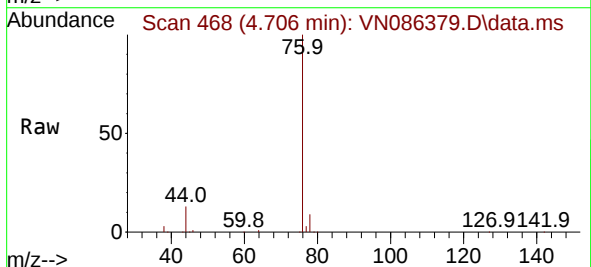
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

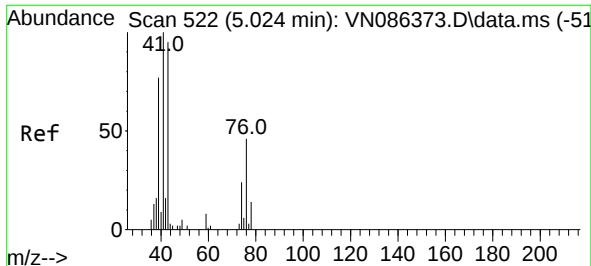
Tgt Ion: 58 Resp: 155944
Ion Ratio Lower Upper
58 100
43 311.9 255.1 382.7



#16
Carbon Disulfide
Concen: 95.765 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 76 Resp: 535511
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

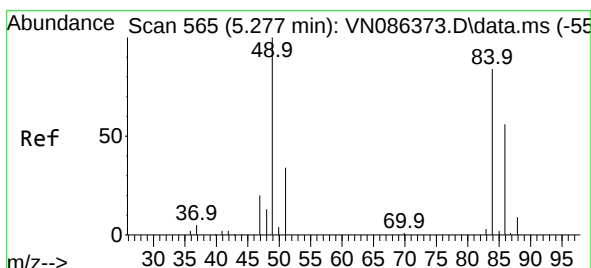
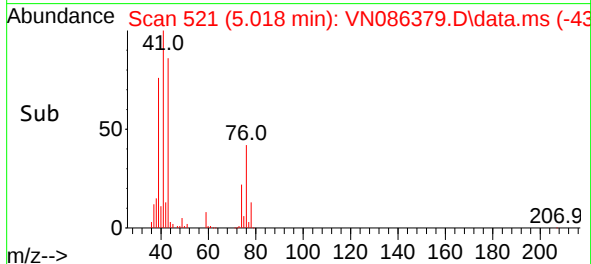
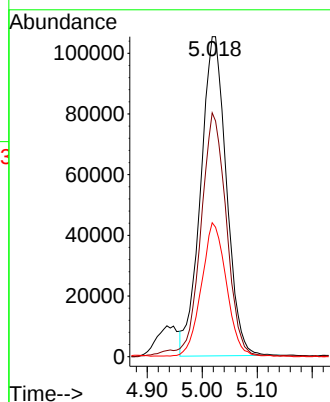
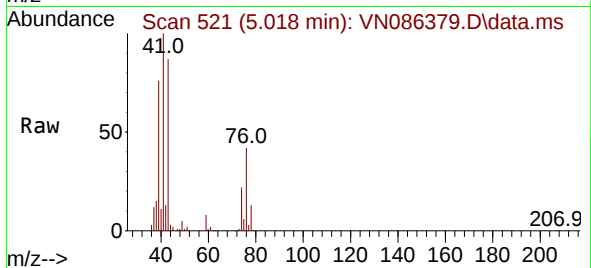




#17
 Allyl chloride
 Concen: 101.086 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

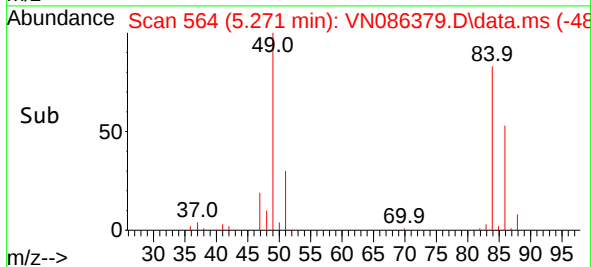
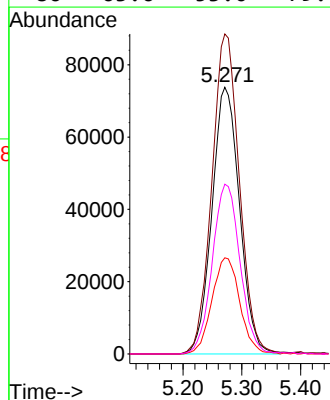
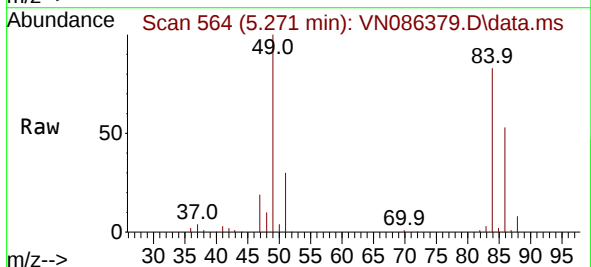
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

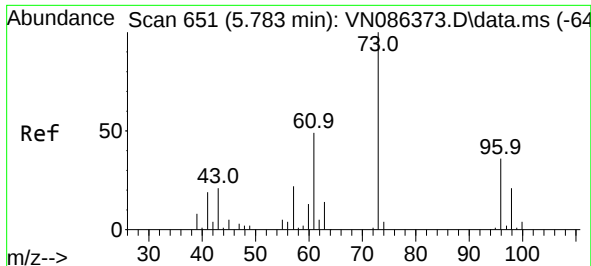
Tgt Ion:	41	Resp:	343007
Ion	Ratio	Lower	Upper
41	100		
39	76.3	36.7	110.1
76	41.8	21.8	65.4



#18
 Methylene Chloride
 Concen: 99.629 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

Tgt Ion:	84	Resp:	240773
Ion	Ratio	Lower	Upper
84	100		
49	120.0	95.4	143.0
51	36.1	32.8	49.2
86	63.6	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 99.843 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

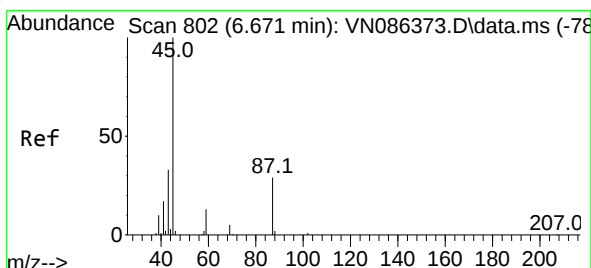
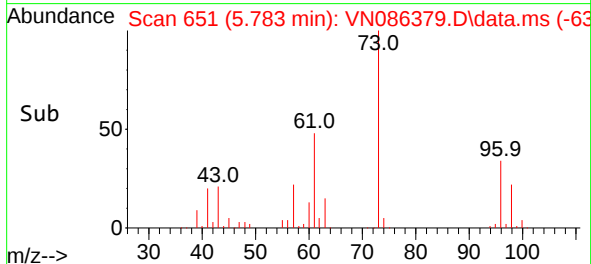
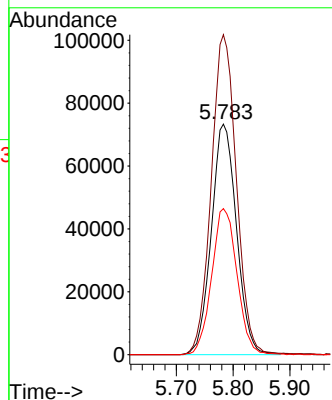
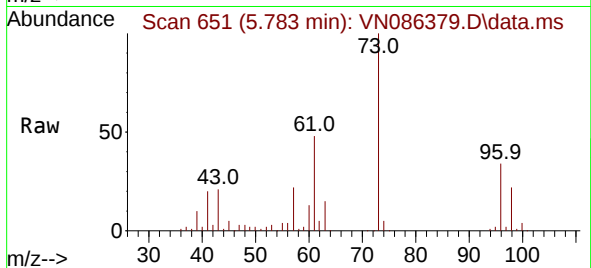
Tgt Ion: 96 Resp: 225835

Ion Ratio Lower Upper

96 100

61 138.8 107.3 160.9

98 63.3 46.7 70.1



#20

Diisopropyl ether

Concen: 102.594 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Tgt Ion: 45 Resp: 827730

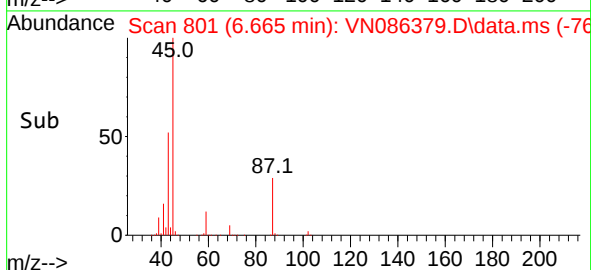
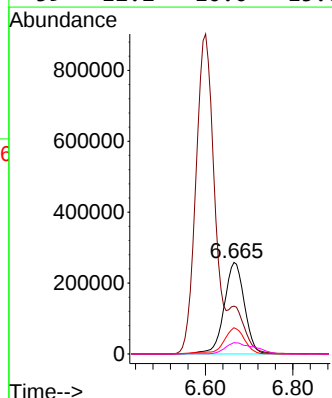
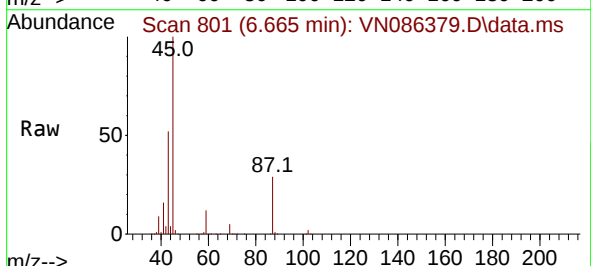
Ion Ratio Lower Upper

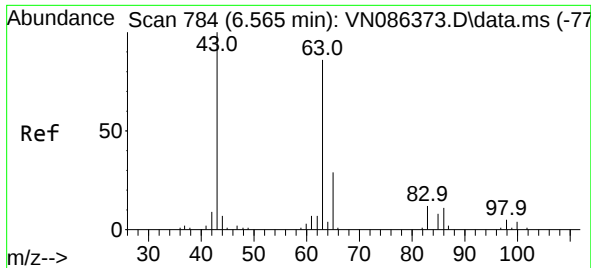
45 100

43 51.6 38.8 58.2

87 28.6 23.5 35.3

59 12.2 10.0 15.0

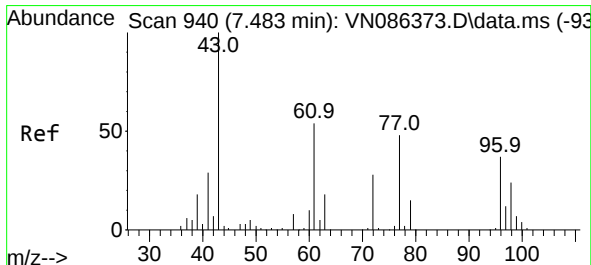
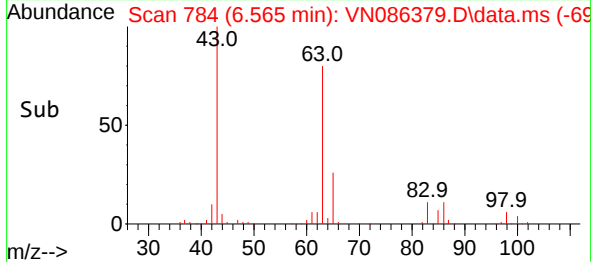
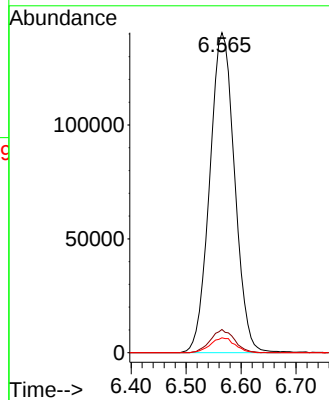
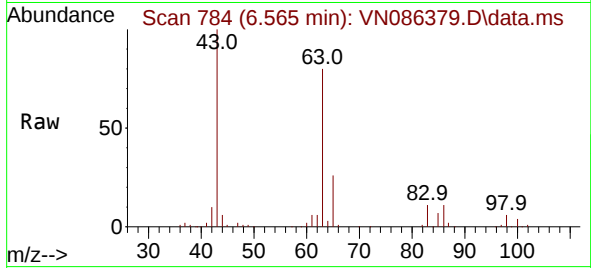




#21
1,1-Dichloroethane
Concen: 100.277 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

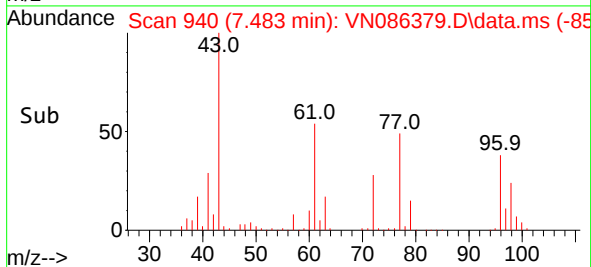
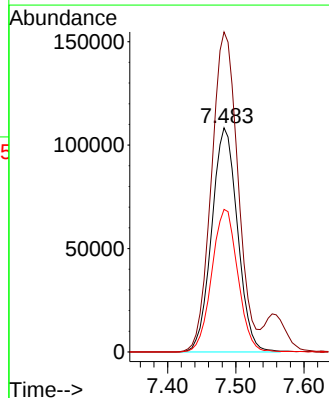
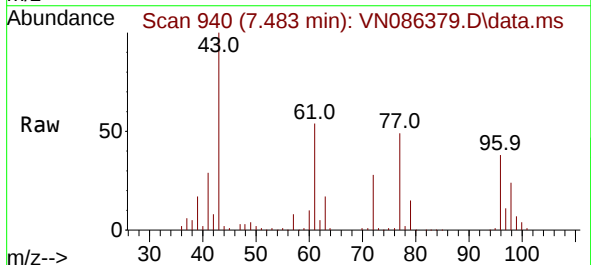
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

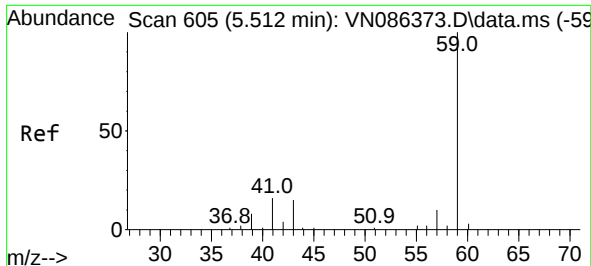
Tgt Ion: 63 Resp: 442858
Ion Ratio Lower Upper
63 100
98 7.3 3.0 9.2
100 4.7 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 101.049 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 96 Resp: 285798
Ion Ratio Lower Upper
96 100
61 147.2 120.6 181.0
98 64.2 51.8 77.6

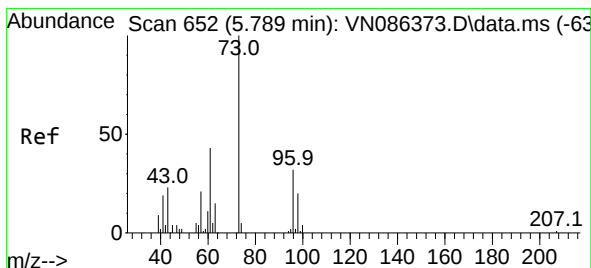
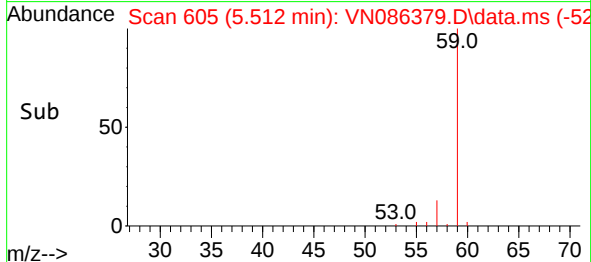
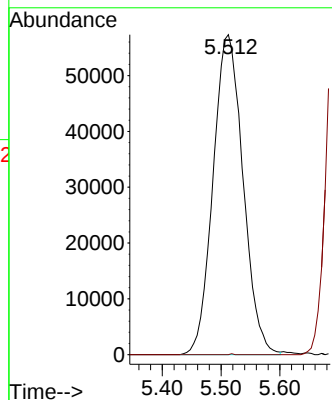
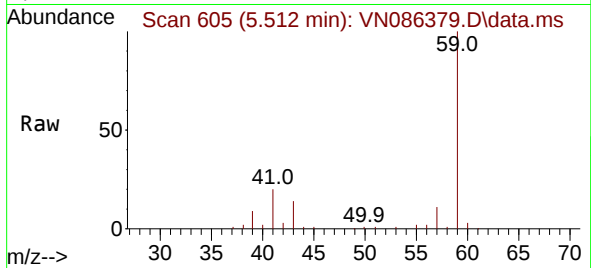




#23
tert-Butyl Alcohol
Concen: 468.185 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

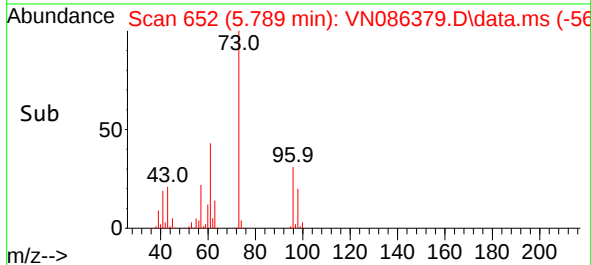
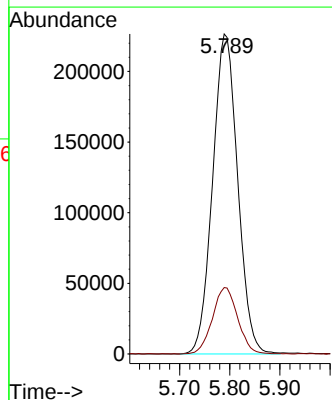
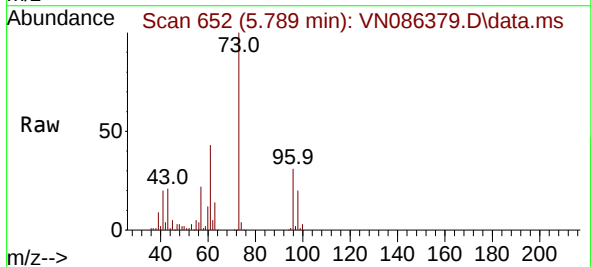
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

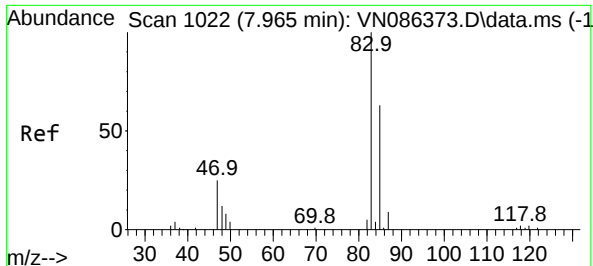
Tgt Ion: 59 Resp: 203036
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 100.365 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 73 Resp: 786920
Ion Ratio Lower Upper
73 100
43 20.9 17.1 25.7





#25

Chloroform

Concen: 99.497 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

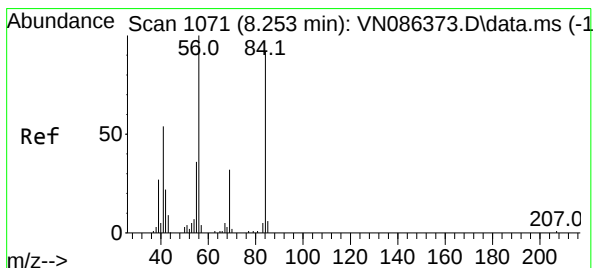
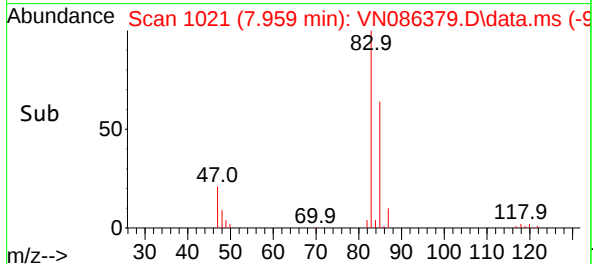
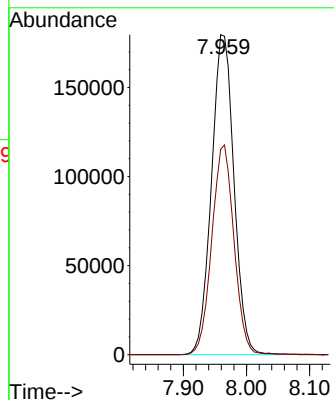
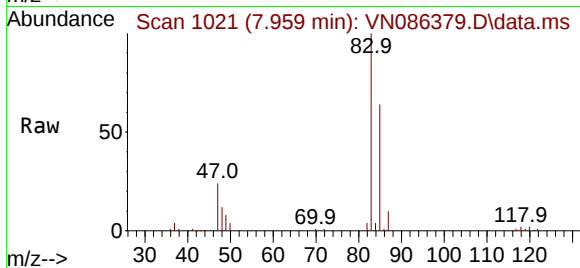
VSTDICC100

Tgt Ion: 83 Resp: 444712

Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.2



#26

Cyclohexane

Concen: 99.536 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

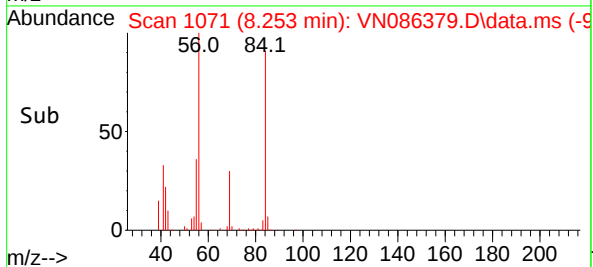
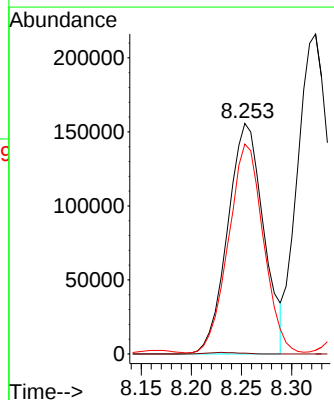
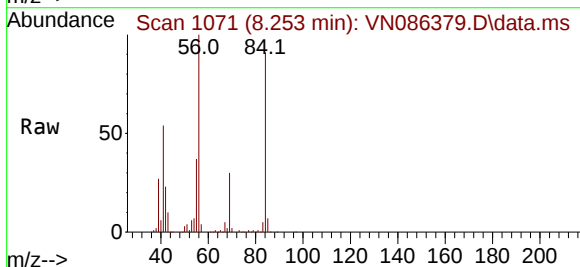
Tgt Ion: 56 Resp: 388134

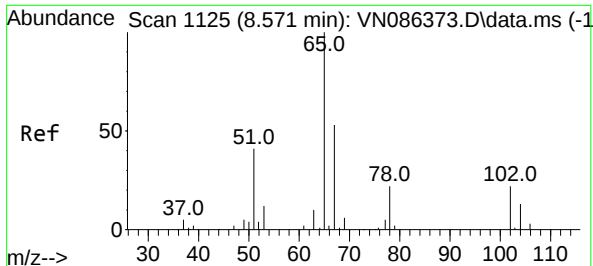
Ion Ratio Lower Upper

56 100

89 0.6 0.0 0.0#

84 89.1 71.5 107.3

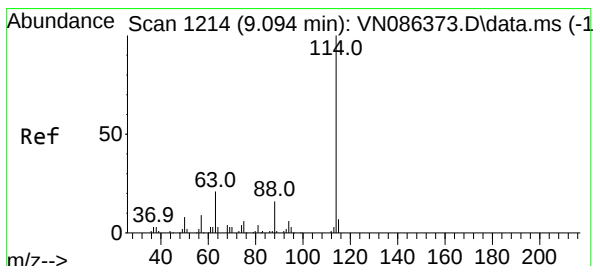
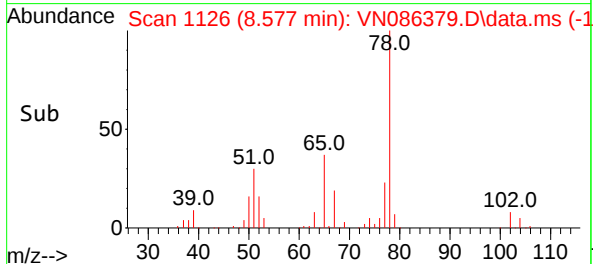
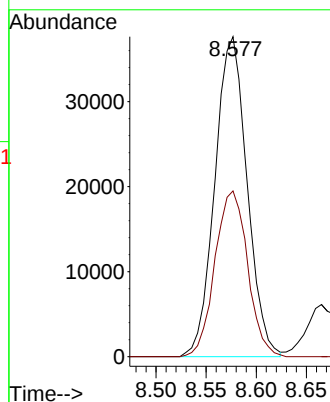
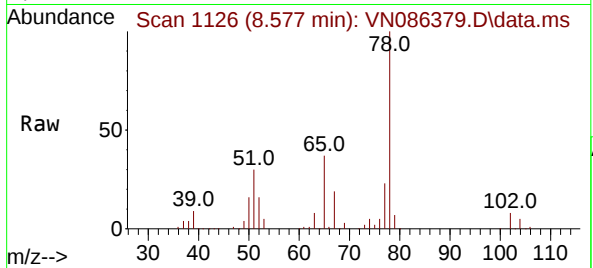




#27
 1,2-Dichloroethane-d4
 Concen: 28.668 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

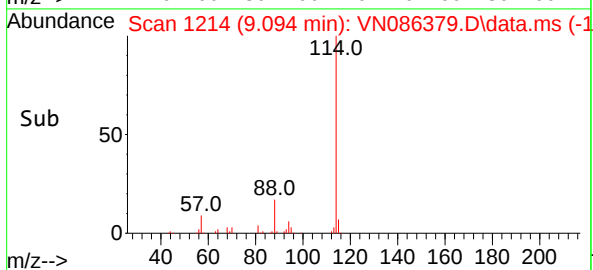
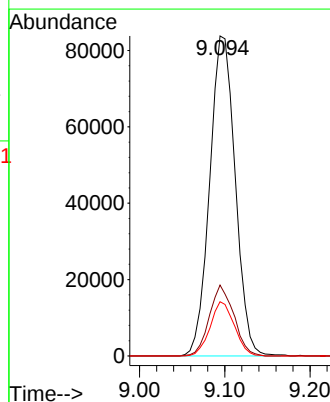
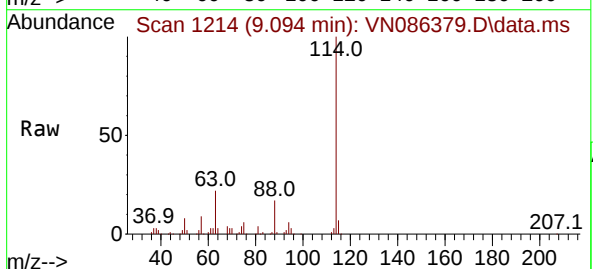
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

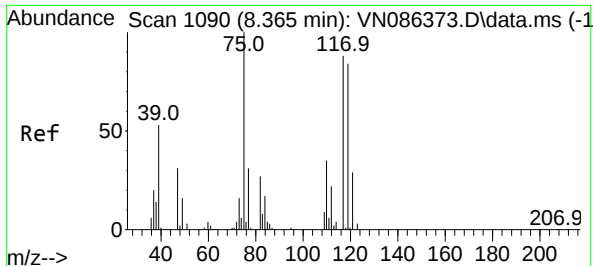
Tgt Ion: 65 Resp: 84076
 Ion Ratio Lower Upper
 65 100
 67 52.4 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

Tgt Ion: 114 Resp: 174699
 Ion Ratio Lower Upper
 114 100
 63 21.2 16.7 25.1
 88 16.0 12.6 19.0

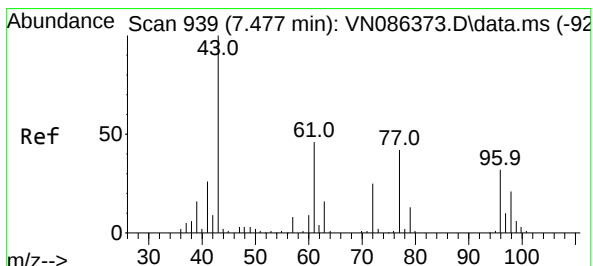
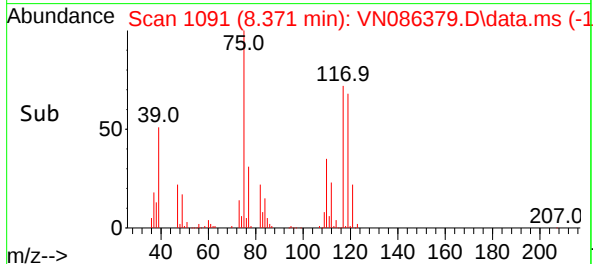
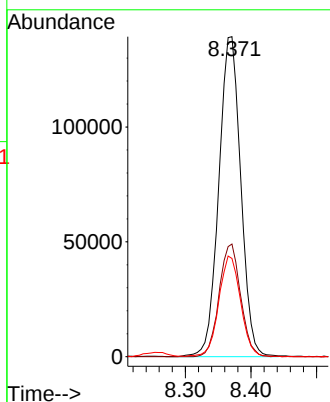
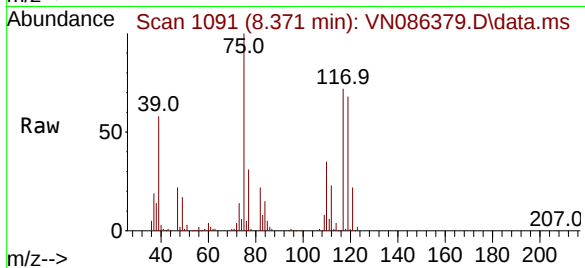




#29
1,1-Dichloropropene
Concen: 105.170 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

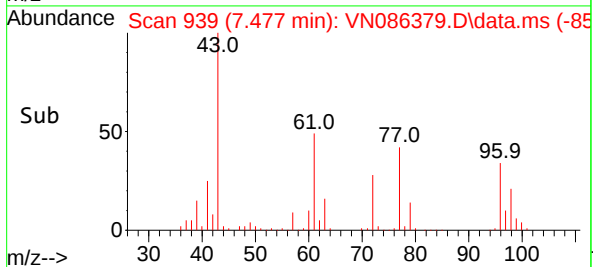
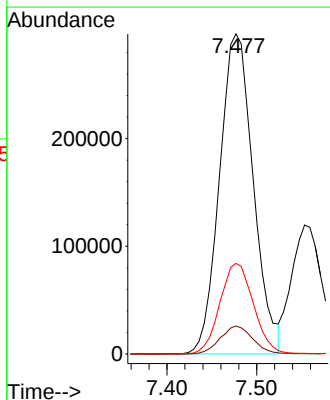
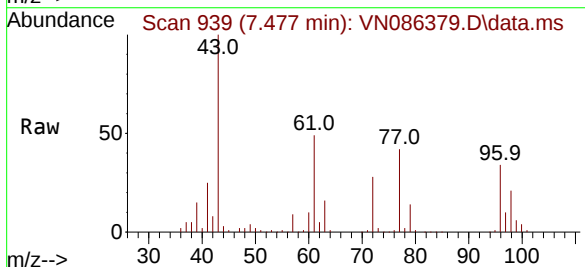
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

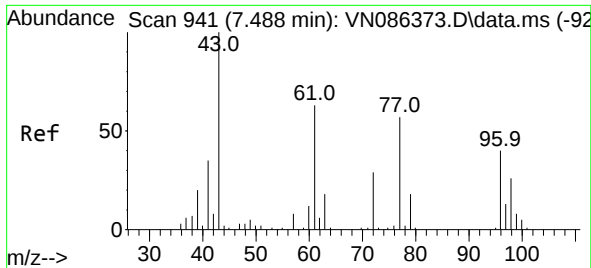
Tgt Ion: 75 Resp: 323903
Ion Ratio Lower Upper
75 100
110 34.4 0.0 68.0
77 31.1 0.0 61.4



#30
2-Butanone
Concen: 520.201 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 43 Resp: 777621
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 28.0 22.2 33.4

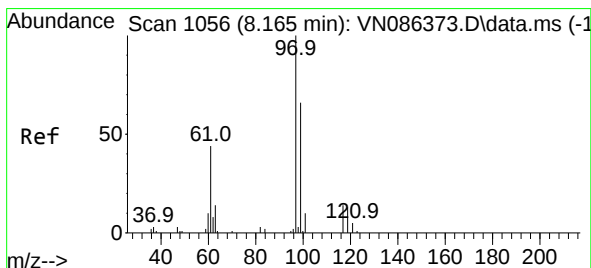
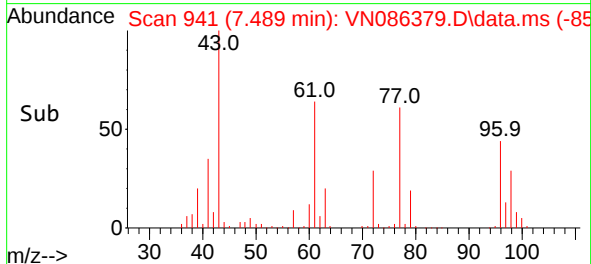
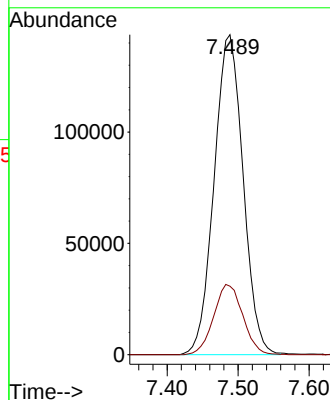
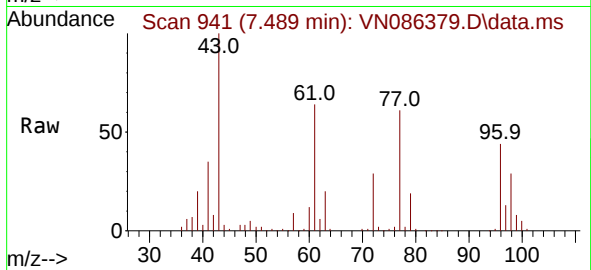




#31
2,2-Dichloropropane
Concen: 102.887 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

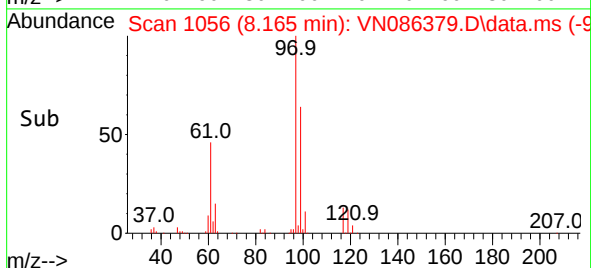
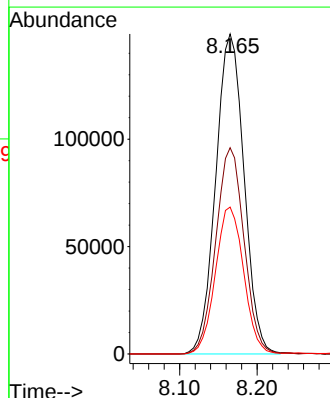
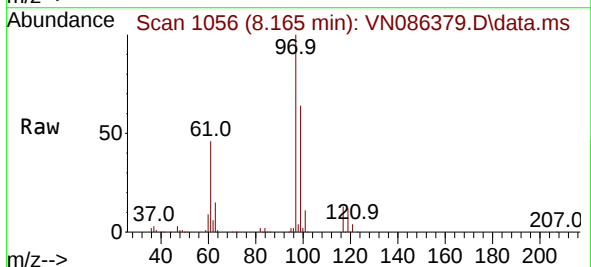
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

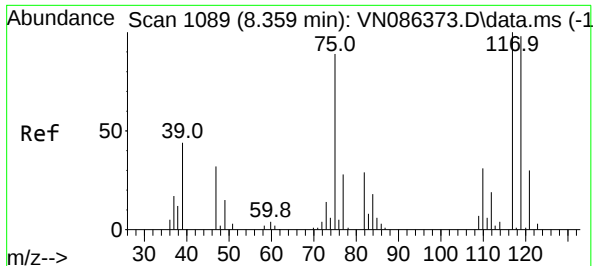
Tgt Ion: 77 Resp: 407332
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 102.945 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 97 Resp: 378868
Ion Ratio Lower Upper
97 100
99 64.3 52.6 79.0
61 45.8 36.4 54.6

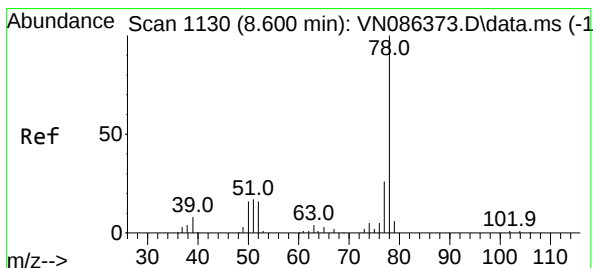
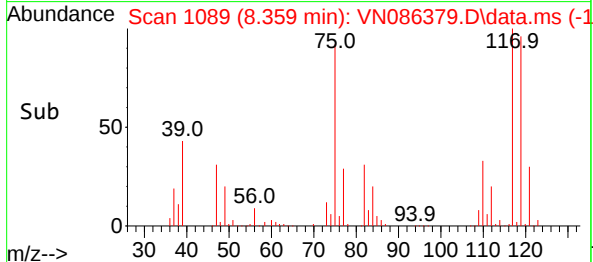
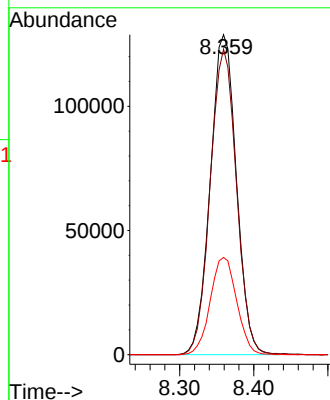
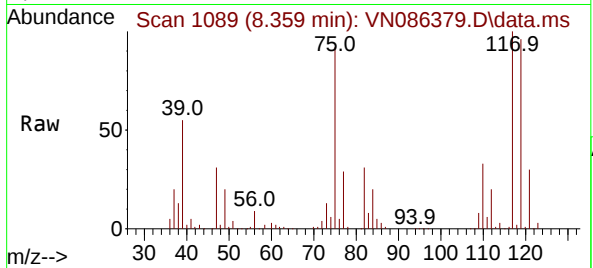




#33
Carbon Tetrachloride
Concen: 104.076 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

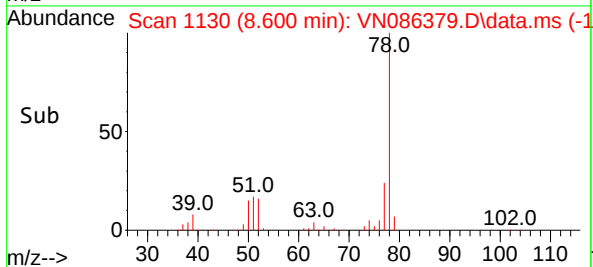
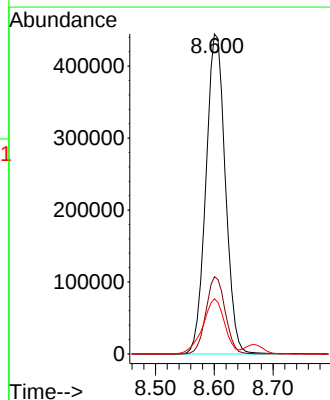
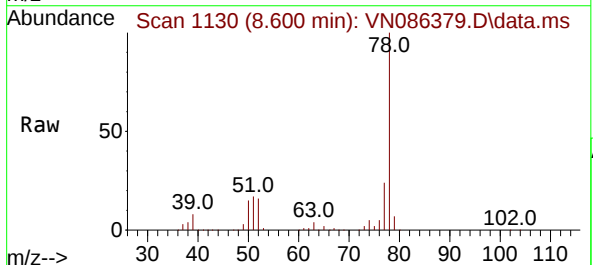
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

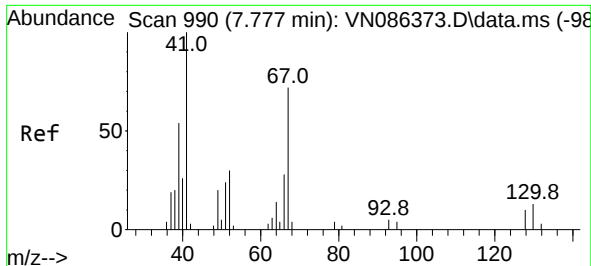
Tgt Ion:117 Resp: 315313
Ion Ratio Lower Upper
117 100
119 95.3 78.6 117.8
121 30.4 24.0 36.0



#34
Benzene
Concen: 103.912 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 78 Resp: 1017889
Ion Ratio Lower Upper
78 100
77 24.1 20.8 31.2
51 17.2 14.0 21.0



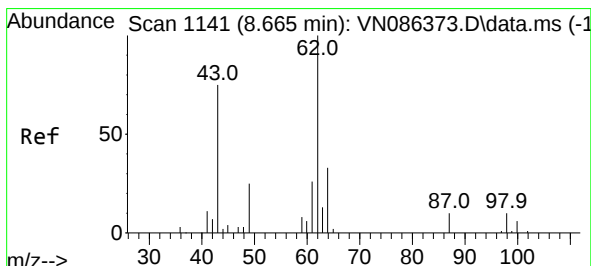
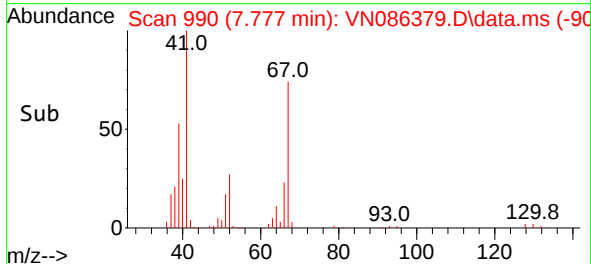
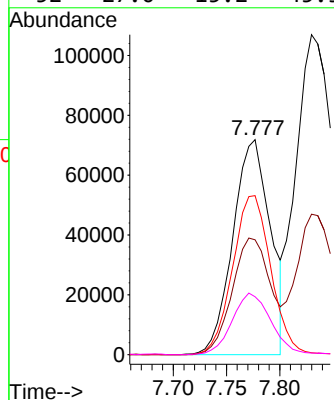
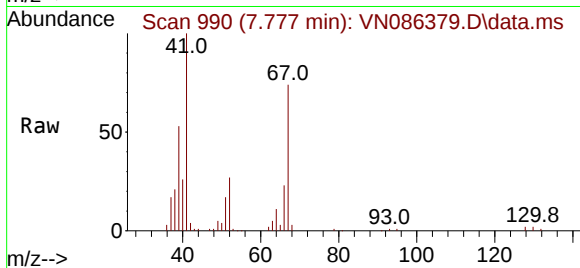


#35
Methacrylonitrile
Concen: 103.381 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 176285

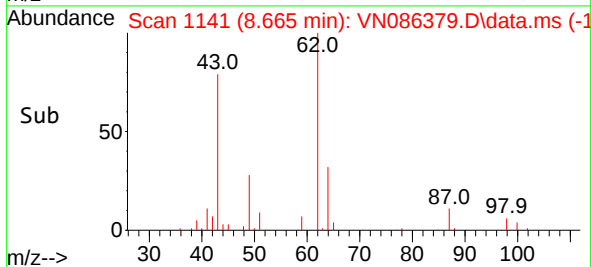
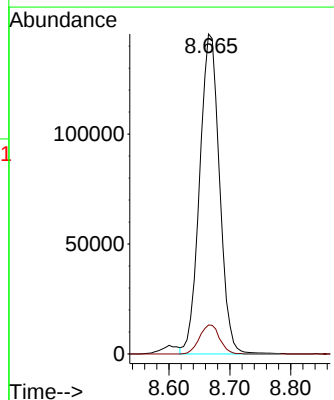
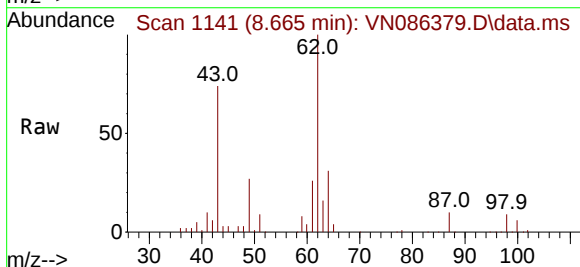
Ion	Ratio	Lower	Upper
41	100		
39	53.5	27.0	80.8
67	73.9	35.8	107.3
52	27.0	15.2	45.5

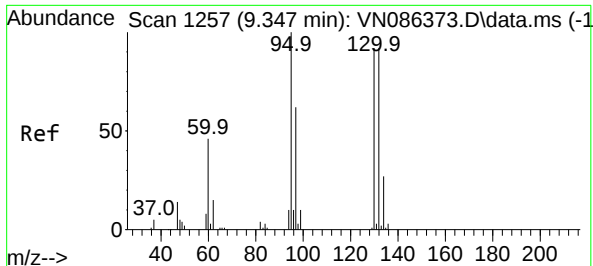


#36
1,2-Dichloroethane
Concen: 103.769 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 62 Resp: 330021

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.6	11.4





#37

Trichloroethene

Concen: 104.441 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

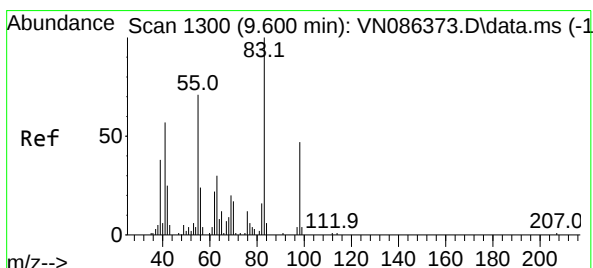
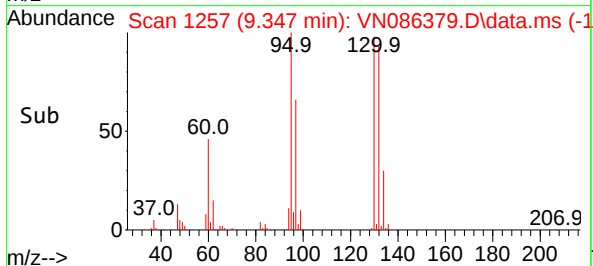
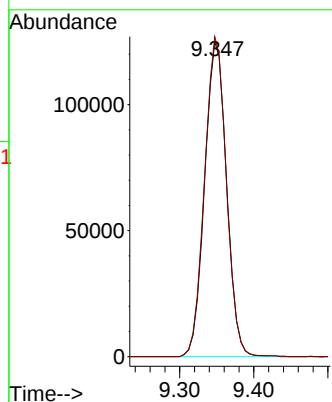
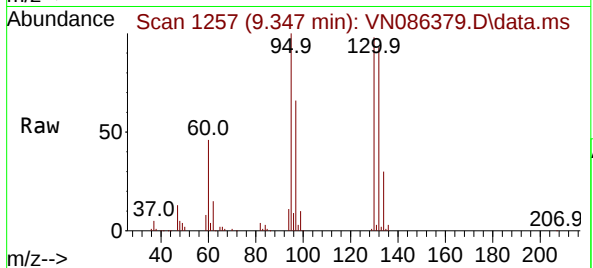
VSTDIC100

Tgt Ion:130 Resp: 256115

Ion Ratio Lower Upper

130 100

95 101.7 86.6 130.0



#38

Methylcyclohexane

Concen: 105.322 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

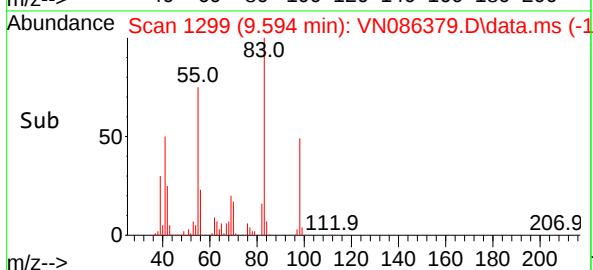
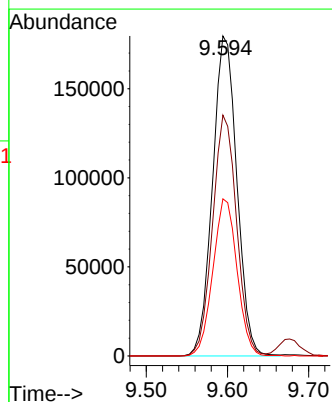
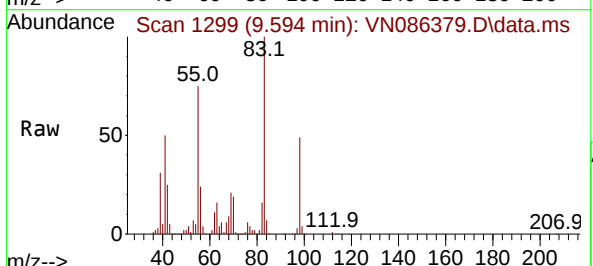
Tgt Ion: 83 Resp: 374627

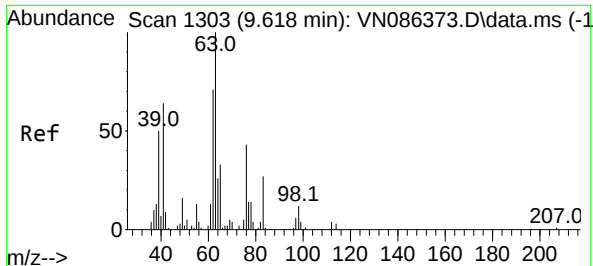
Ion Ratio Lower Upper

83 100

55 74.4 37.3 111.9

98 48.7 23.8 71.5





#39

1,2-Dichloropropane

Concen: 102.652 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

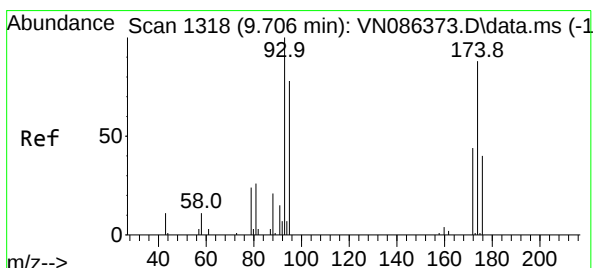
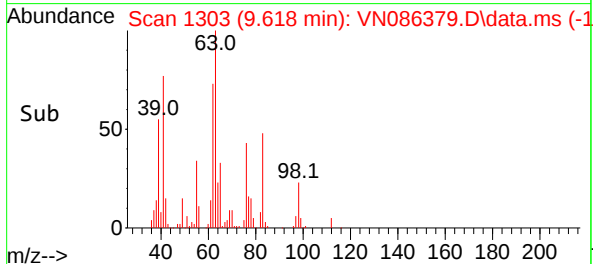
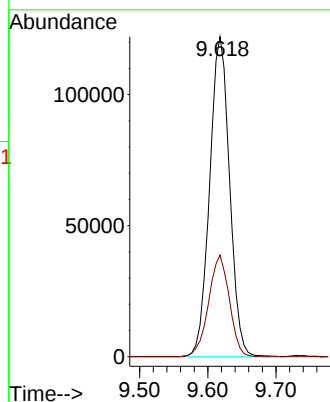
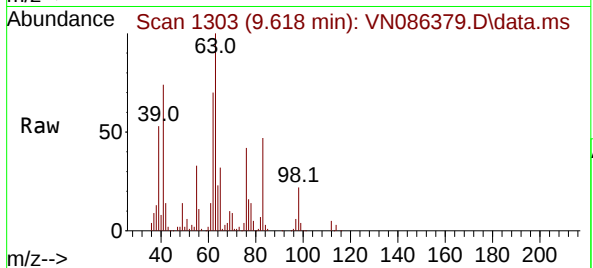
VSTDIC100

Tgt Ion: 63 Resp: 248413

Ion Ratio Lower Upper

63 100

65 31.7 26.7 40.1



#40

Dibromomethane

Concen: 102.469 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

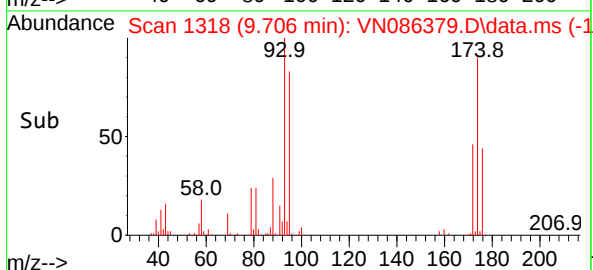
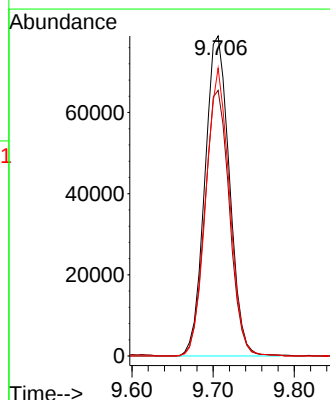
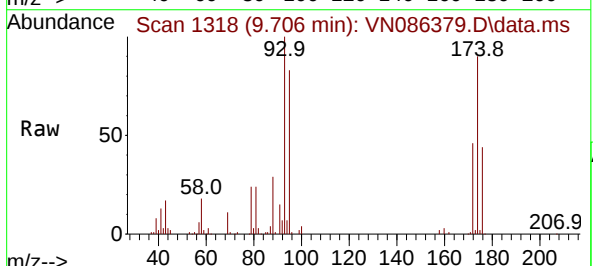
Tgt Ion: 93 Resp: 165831

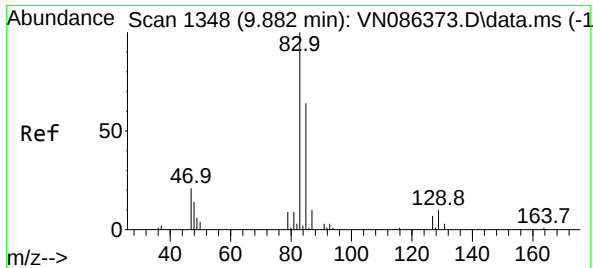
Ion Ratio Lower Upper

93 100

95 83.2 0.0 159.2

174 86.5 0.0 171.4

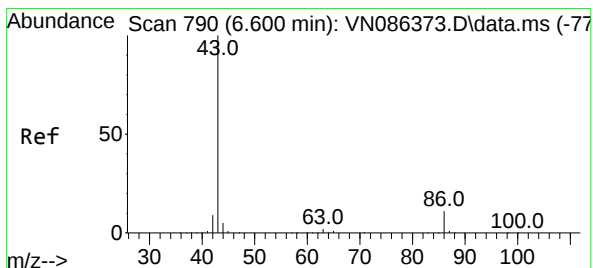
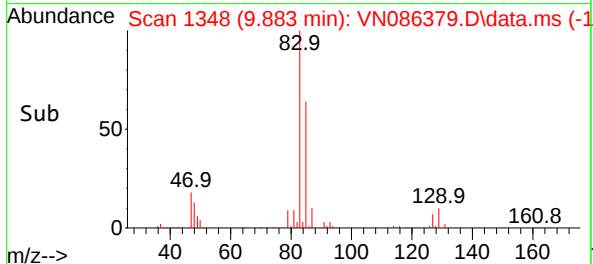
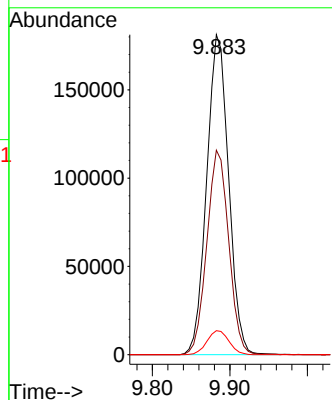
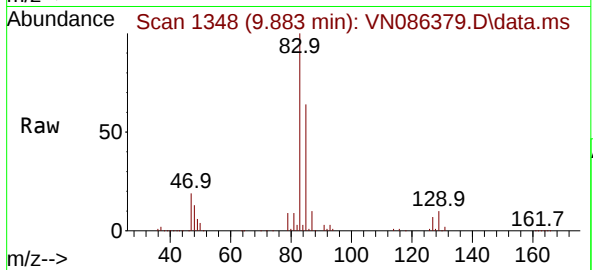




#41
Bromodichloromethane
Concen: 104.030 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

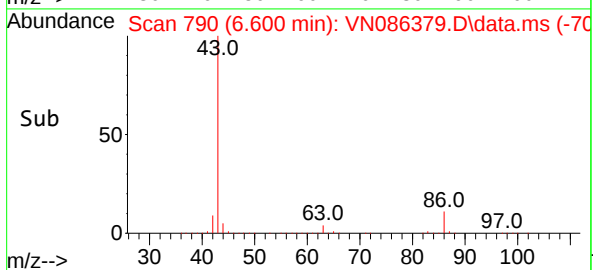
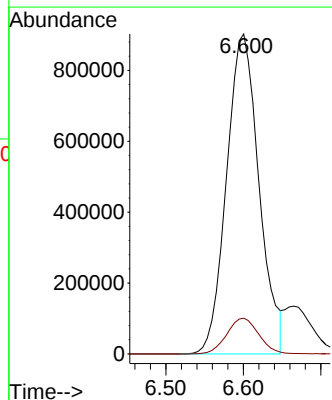
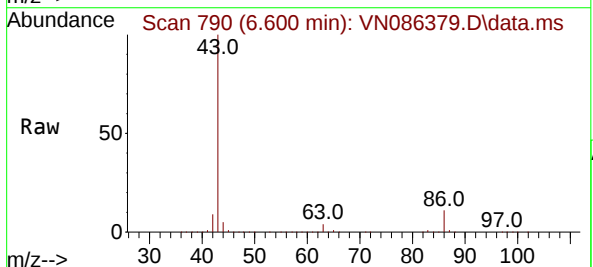
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

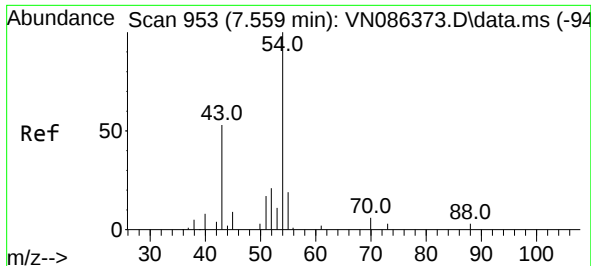
Tgt Ion: 83 Resp: 356275
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 7.5 5.9 8.9



#42
Vinyl Acetate
Concen: 508.753 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 43 Resp: 2634471
Ion Ratio Lower Upper
43 100
86 11.1 8.9 13.3

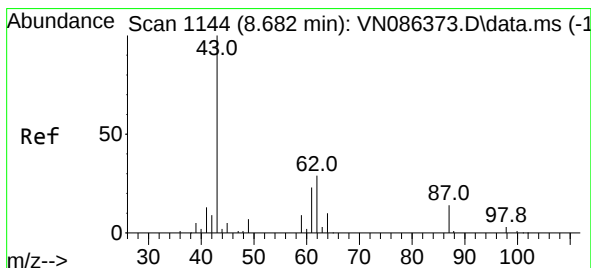
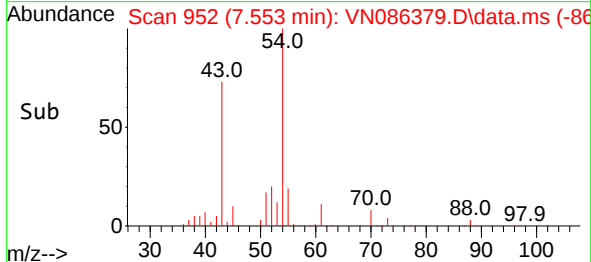
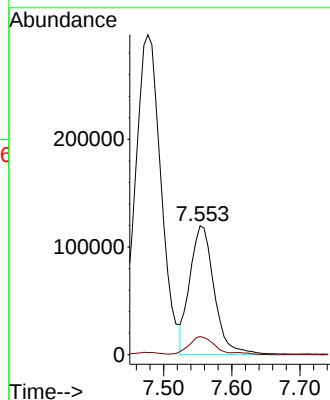
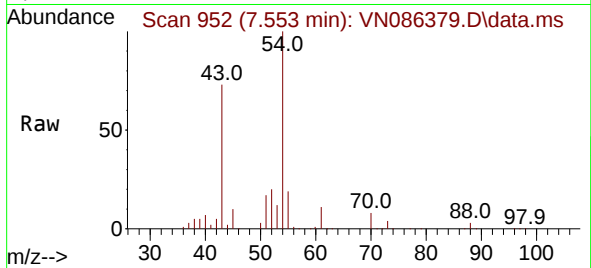




#43
Ethyl Acetate
Concen: 100.306 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

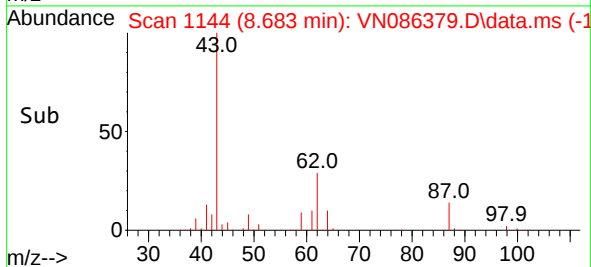
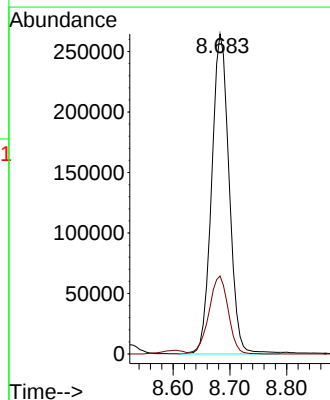
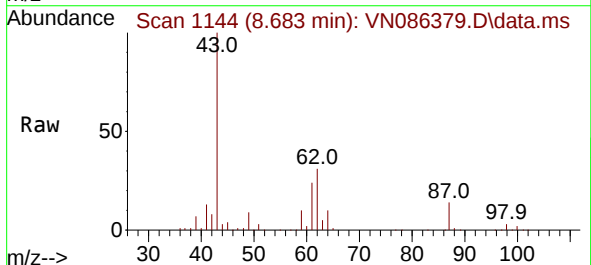
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

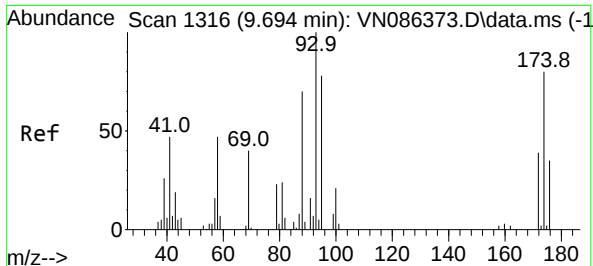
Tgt Ion: 43 Resp: 296729
Ion Ratio Lower Upper
43 100
45 13.5 11.4 17.2



#44
Isopropyl Acetate
Concen: 100.309 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 43 Resp: 563189
Ion Ratio Lower Upper
43 100
61 26.9 21.0 31.4

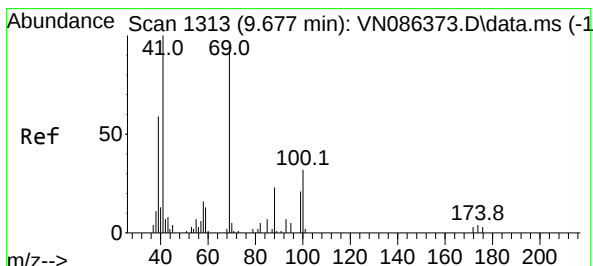
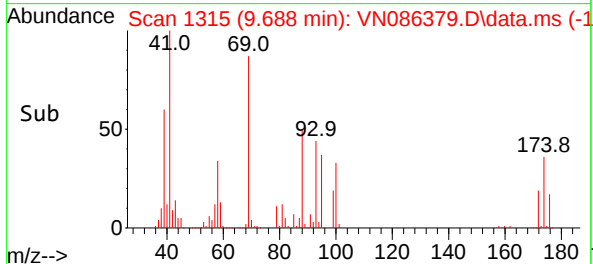
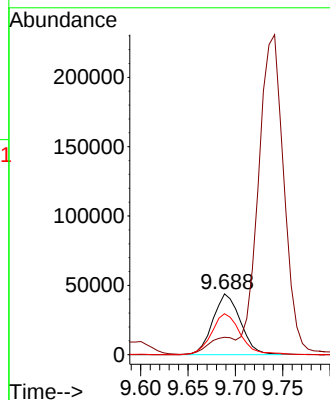
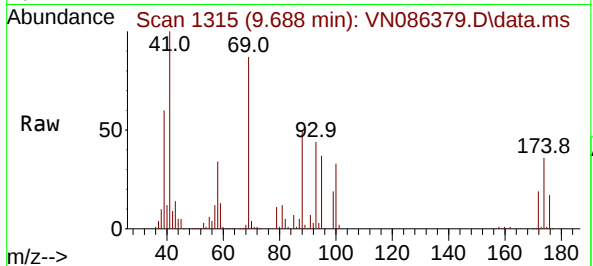




#45
 1,4-Dioxane
 Concen: 2033.531 ug/l
 RT: 9.688 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

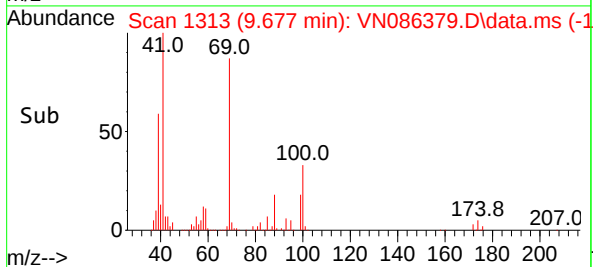
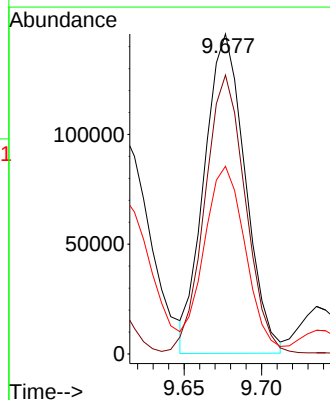
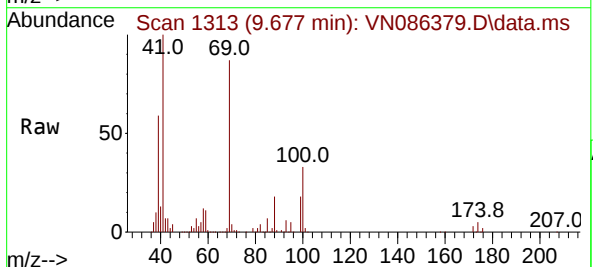
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

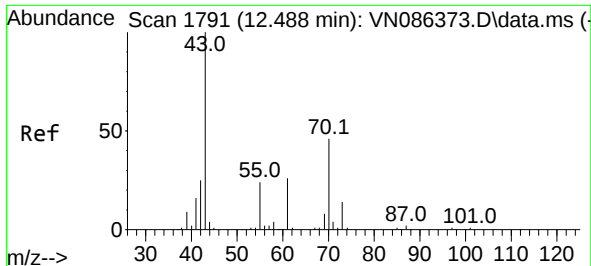
Tgt Ion: 88 Resp: 89081
 Ion Ratio Lower Upper
 88 100
 43 27.6 24.9 37.3
 58 70.6 57.8 86.8



#46
 Methyl methacrylate
 Concen: 103.033 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

Tgt Ion: 41 Resp: 266838
 Ion Ratio Lower Upper
 41 100
 69 88.6 44.1 132.3
 39 58.5 30.0 90.1

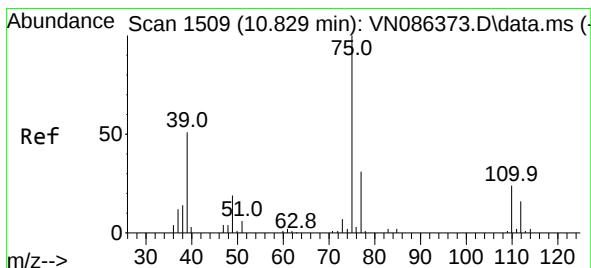
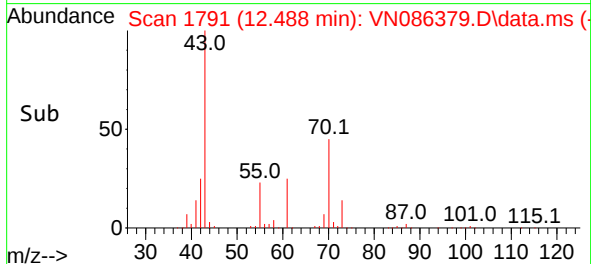
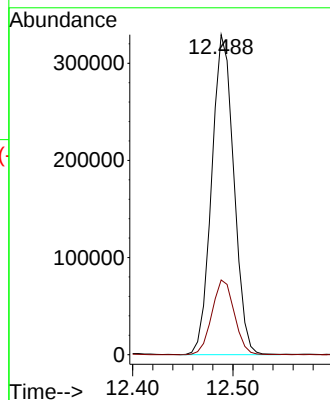
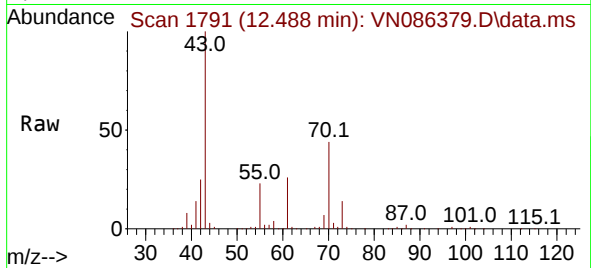




#47
n-amyl acetate
Concen: 105.493 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

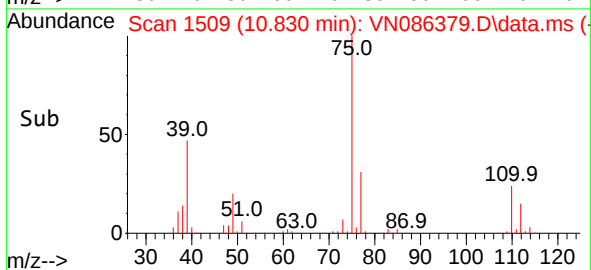
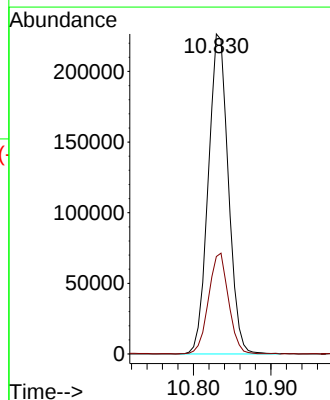
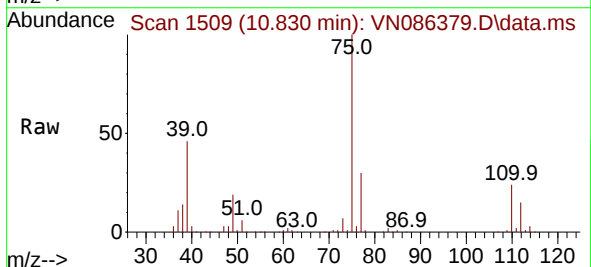
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

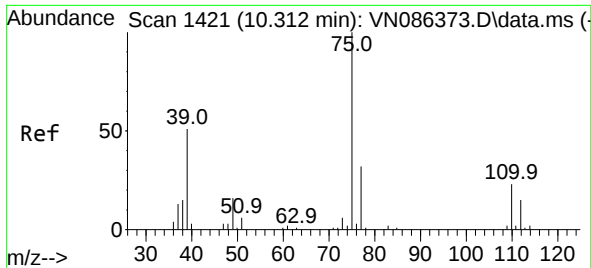
Tgt Ion: 43 Resp: 504826
Ion Ratio Lower Upper
43 100
55 23.7 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 106.279 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 75 Resp: 406922
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6

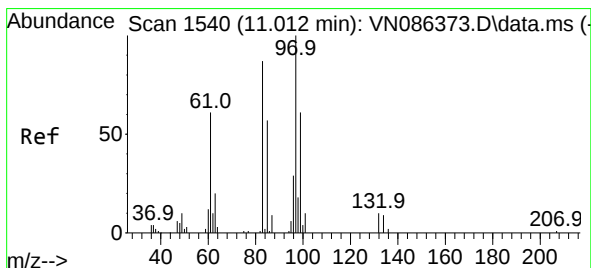
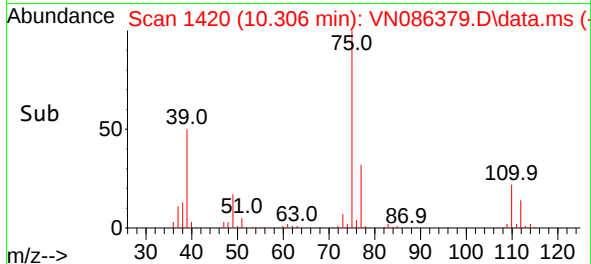
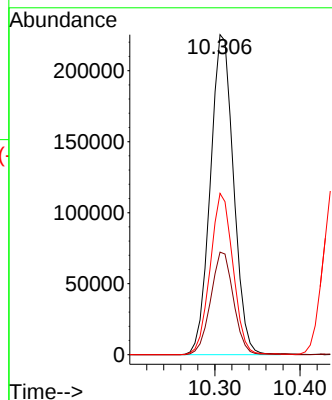
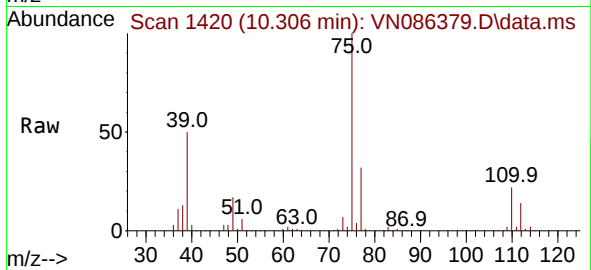




#49
cis-1,3-Dichloropropene
Concen: 105.570 ug/l
RT: 10.306 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

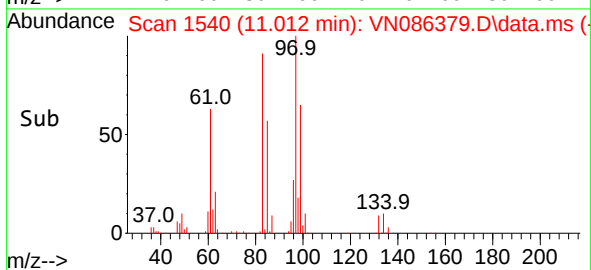
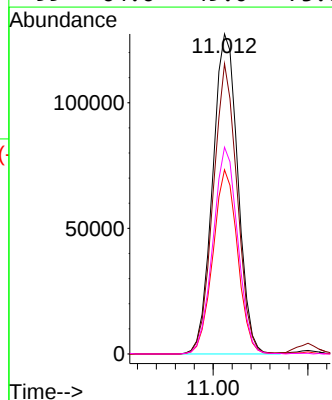
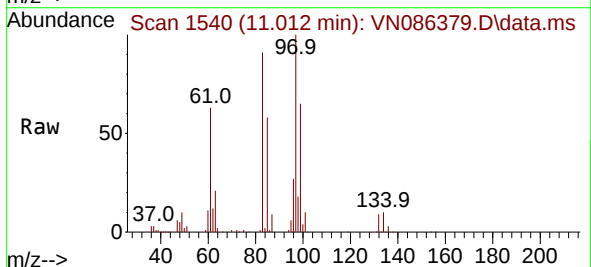
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

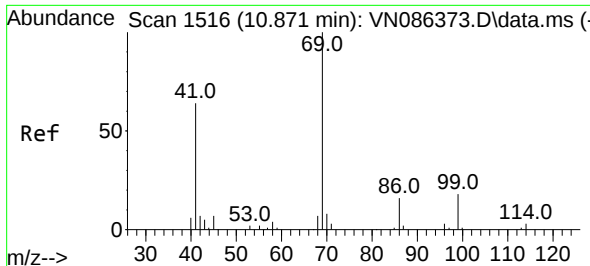
Tgt Ion:	75	Resp:	426255
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.6	38.4
39	50.4	40.6	60.8



#50
1,1,2-Trichloroethane
Concen: 104.198 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion:	97	Resp:	235538
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.3	103.9
85	57.5	45.5	68.3
99	64.6	49.0	73.6

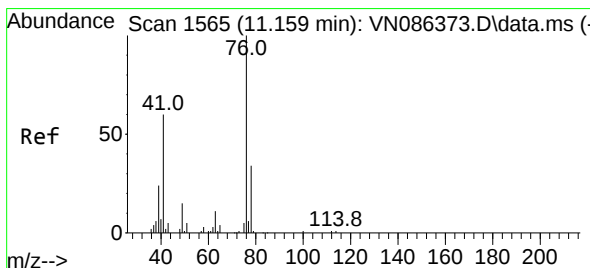
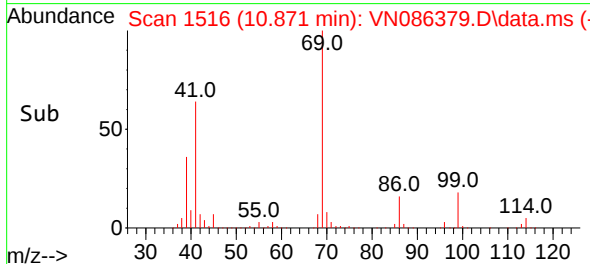
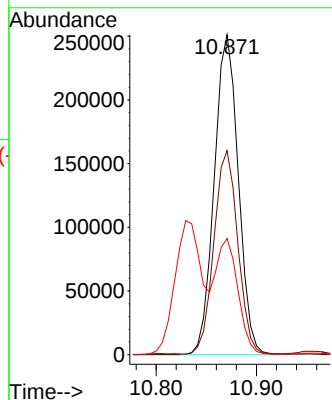
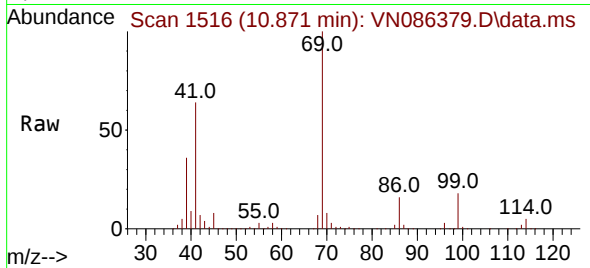




#51
Ethyl methacrylate
Concen: 106.266 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

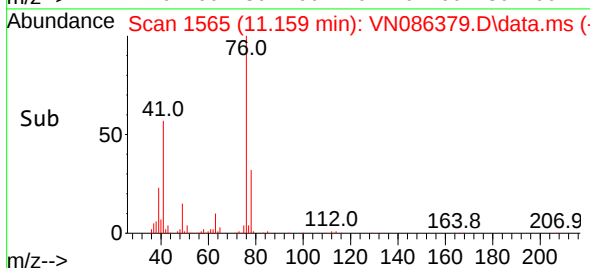
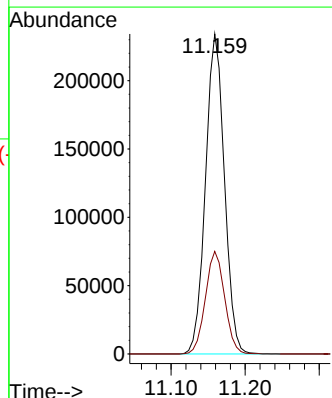
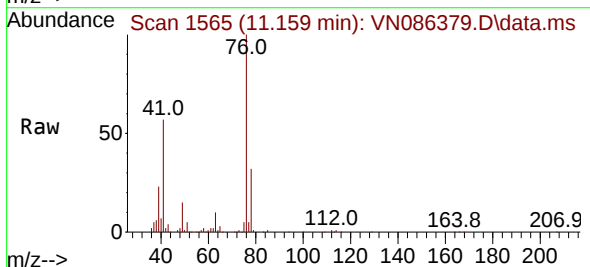
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

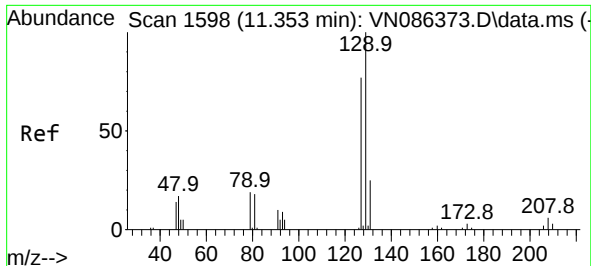
Tgt Ion: 69 Resp: 418356
Ion Ratio Lower Upper
69 100
41 63.6 32.3 96.8
39 36.1 19.1 57.1



#52
1,3-Dichloropropane
Concen: 104.040 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 76 Resp: 415656
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.6

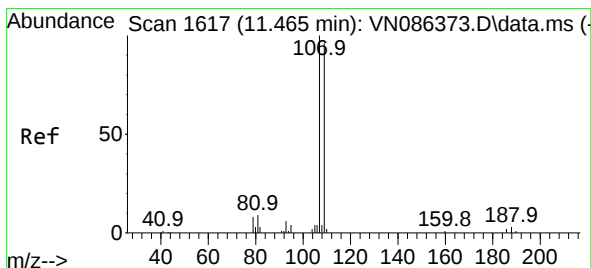
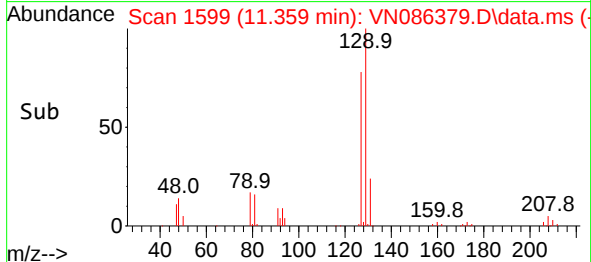
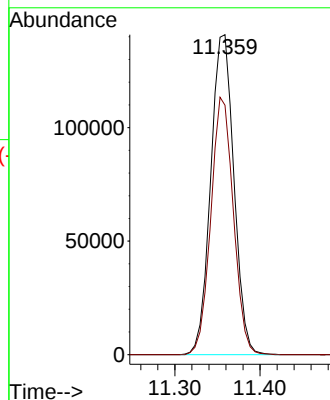
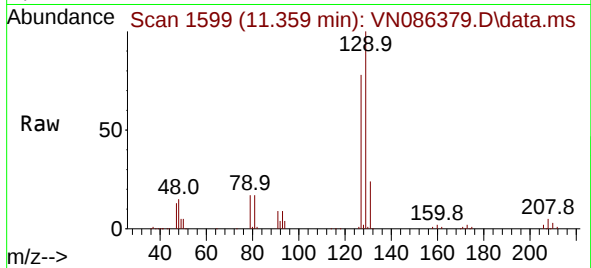




#53
Dibromochloromethane
Concen: 105.065 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

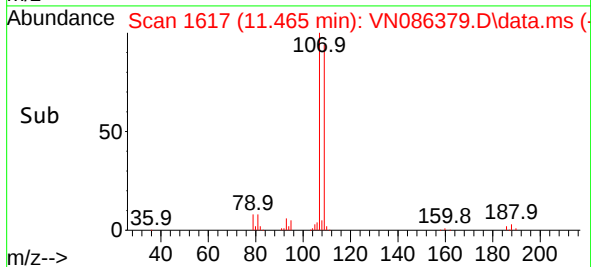
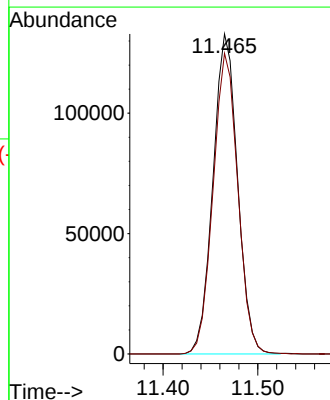
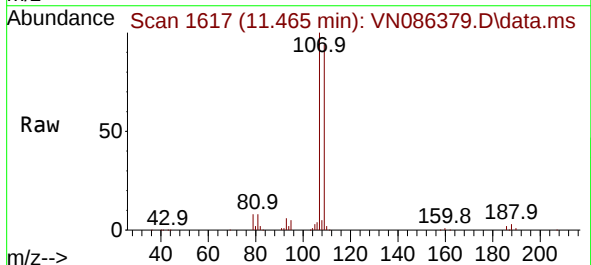
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

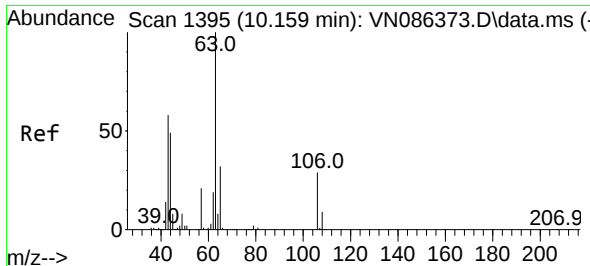
Tgt Ion:129 Resp: 266681
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3



#54
1,2-Dibromoethane
Concen: 104.177 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion:107 Resp: 239438
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

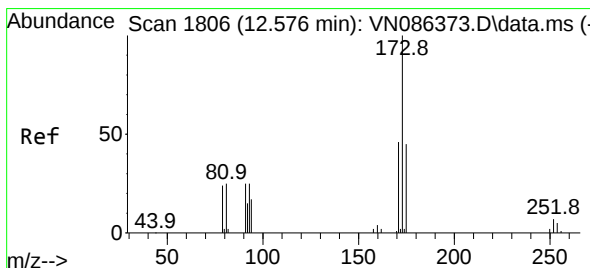
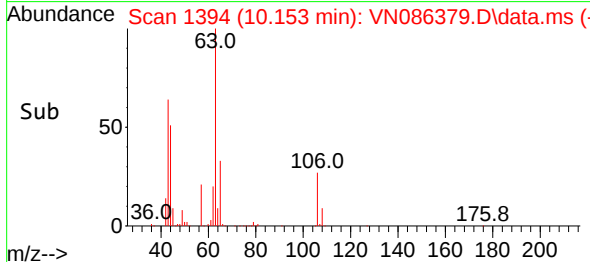
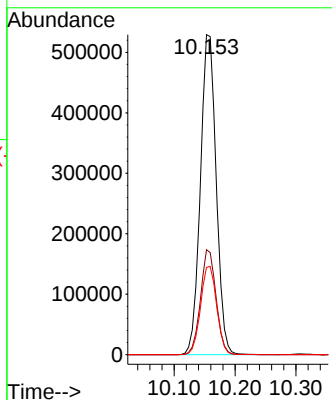
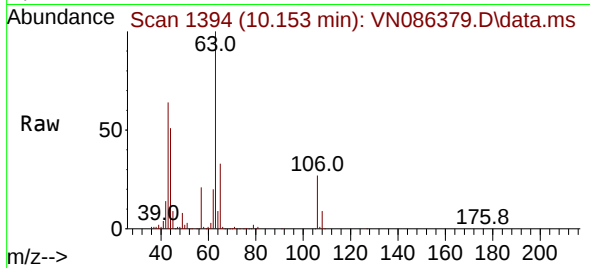




#55
 2-Chloroethyl vinyl ether
 Concen: 516.516 ug/l
 RT: 10.153 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

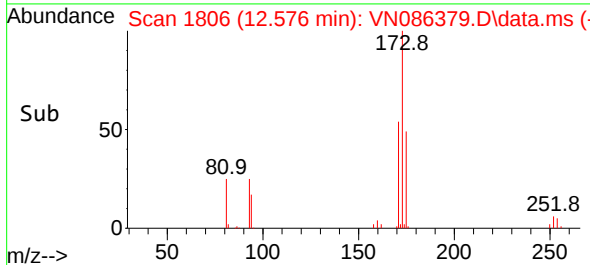
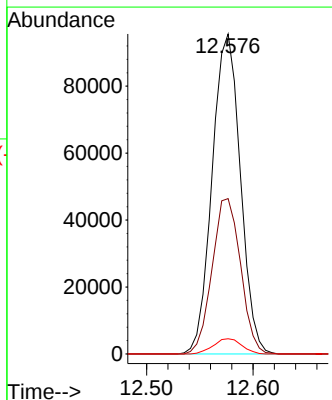
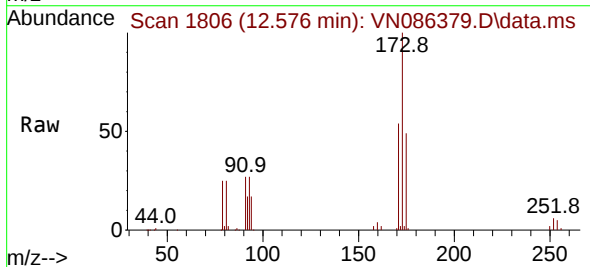
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

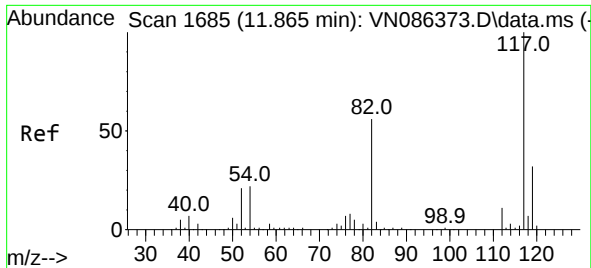
Tgt Ion: 63 Resp: 956039
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.7 38.5
 106 28.0 22.3 33.5



#56
 Bromoform
 Concen: 106.763 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

Tgt Ion: 173 Resp: 175855
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.0 58.6
 254 4.8 3.8 5.6

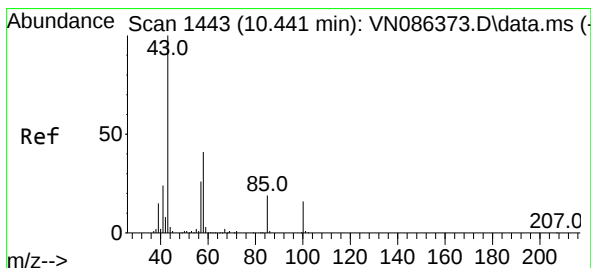
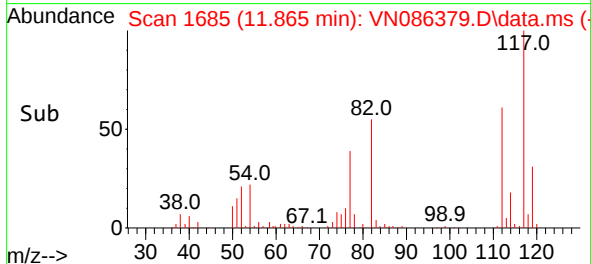
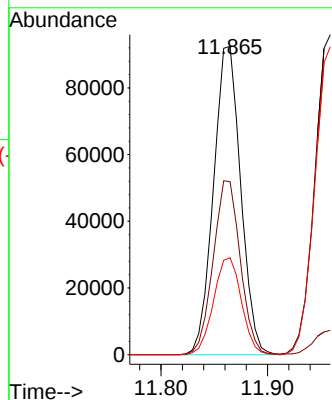
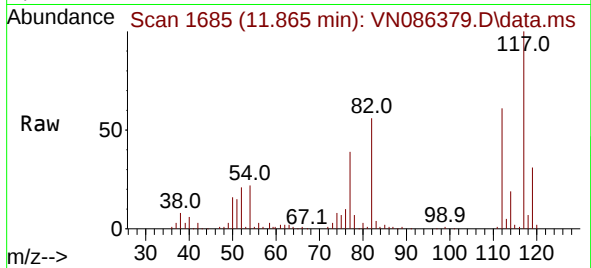




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

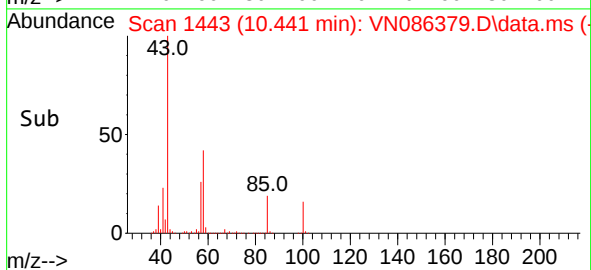
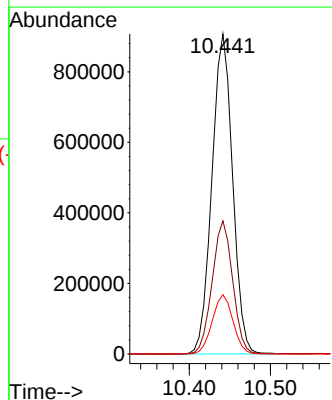
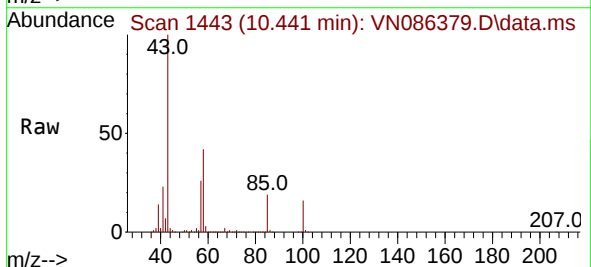
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

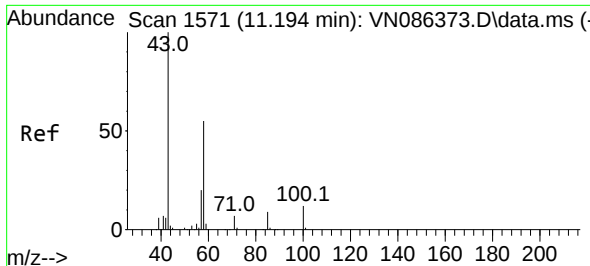
Tgt Ion:117 Resp: 164127
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 32.1 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 505.519 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 43 Resp: 1605575
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.6
85 18.6 14.9 22.3

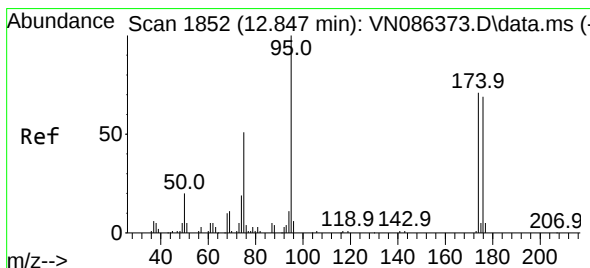
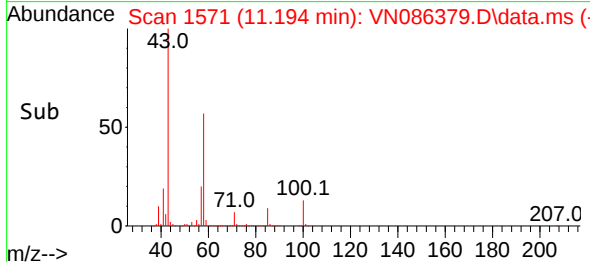
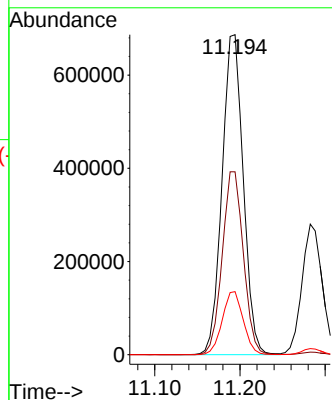
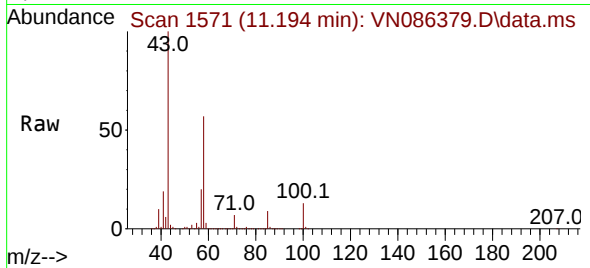




#59
2-Hexanone
Concen: 507.067 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

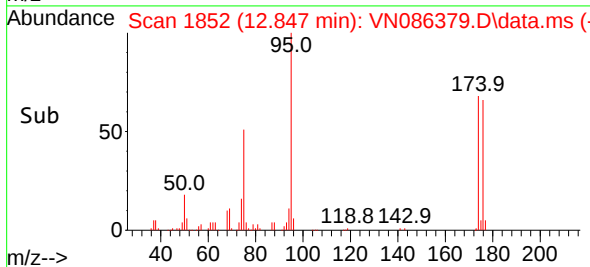
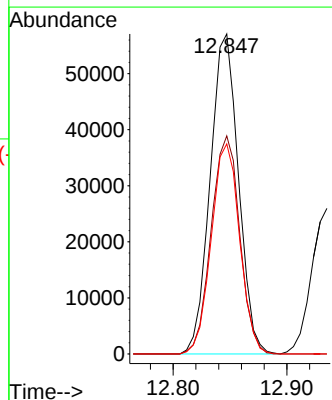
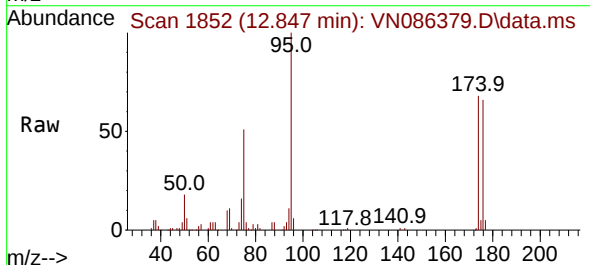
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

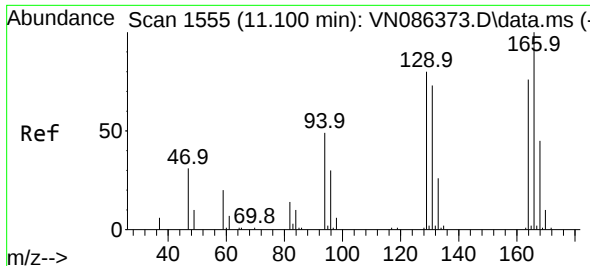
Tgt Ion: 43 Resp: 1186815
Ion Ratio Lower Upper
43 100
58 57.1 45.0 67.6
57 19.6 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 30.592 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 95 Resp: 98684
Ion Ratio Lower Upper
95 100
174 68.8 56.6 84.8
176 65.7 53.3 79.9

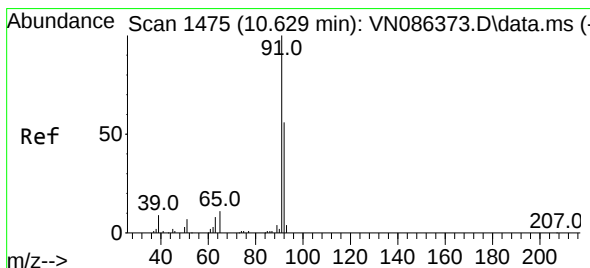
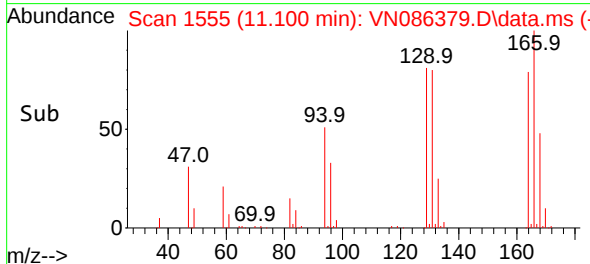
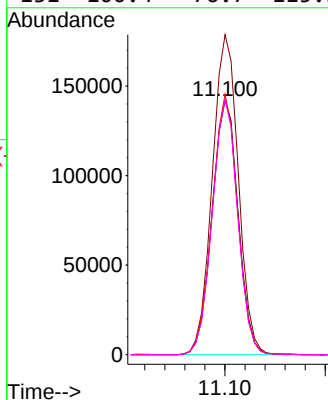
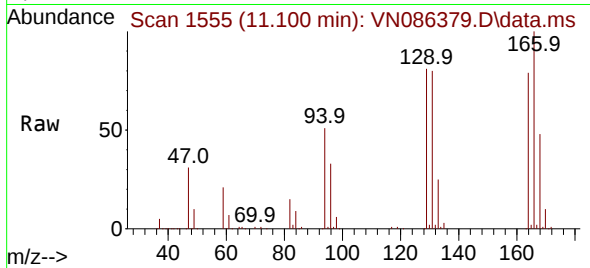




#61
Tetrachloroethene
Concen: 102.288 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

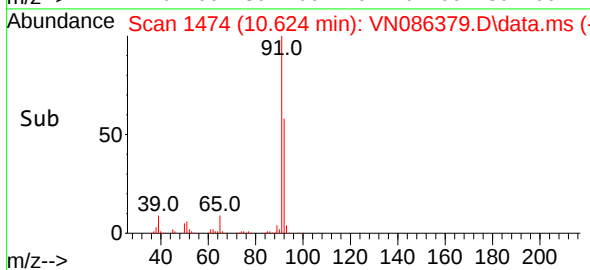
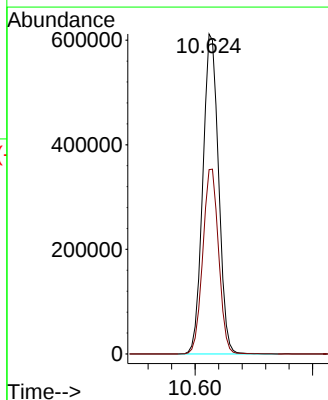
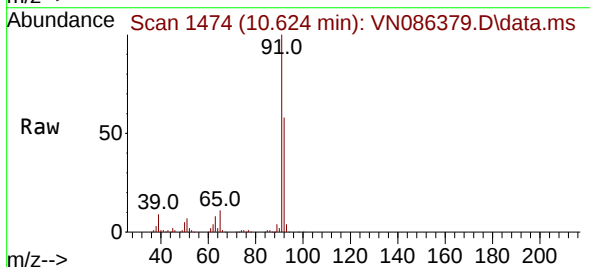
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

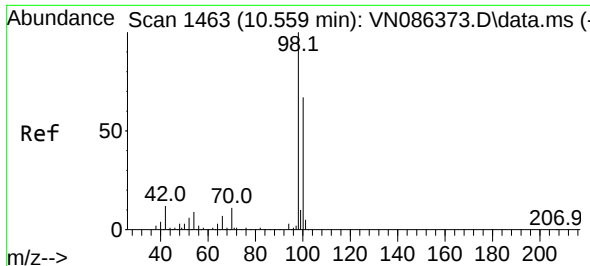
Tgt Ion:164 Resp: 256056
Ion Ratio Lower Upper
164 100
166 125.9 105.0 157.4
129 102.5 83.9 125.9
131 100.4 76.7 115.1



#62
Toluene
Concen: 103.158 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 91 Resp: 1133294
Ion Ratio Lower Upper
91 100
92 58.1 45.7 68.5

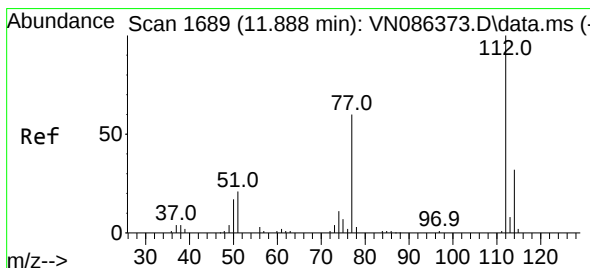
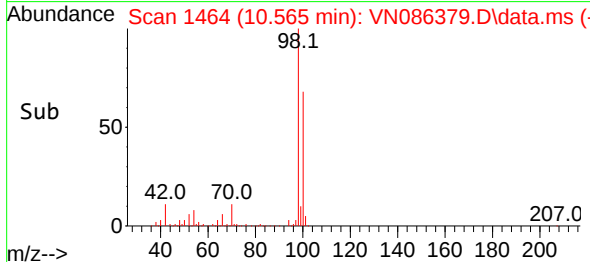
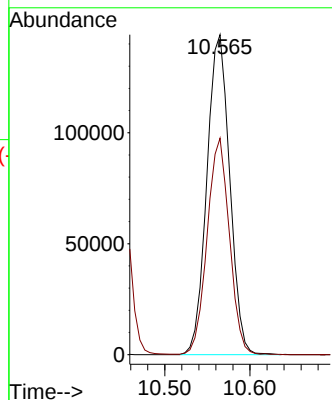
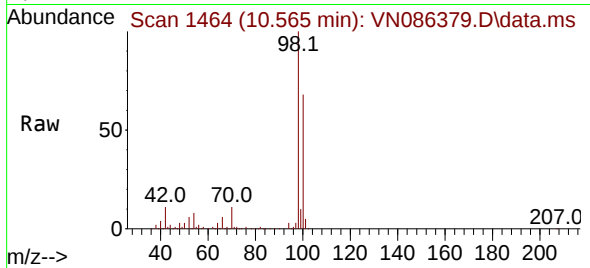




#63
Toluene-d8
Concen: 29.745 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

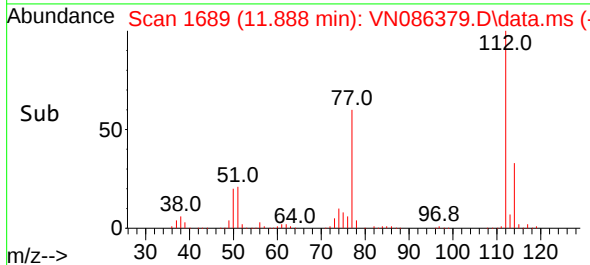
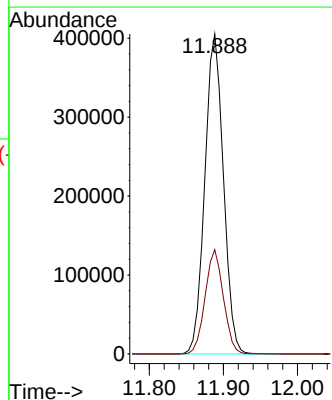
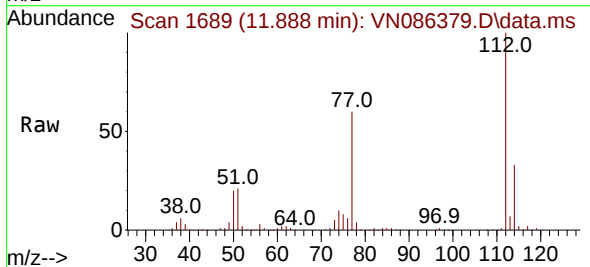
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

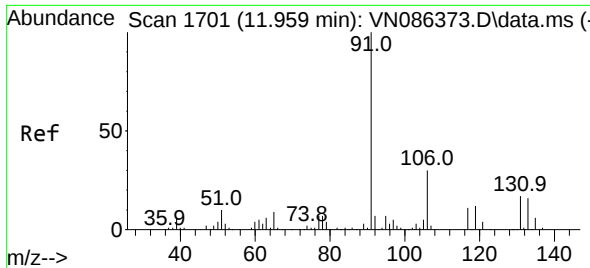
Tgt Ion: 98 Resp: 268576
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#64
Chlorobenzene
Concen: 103.170 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 112 Resp: 706237
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

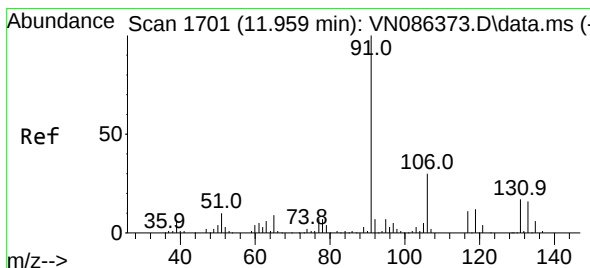
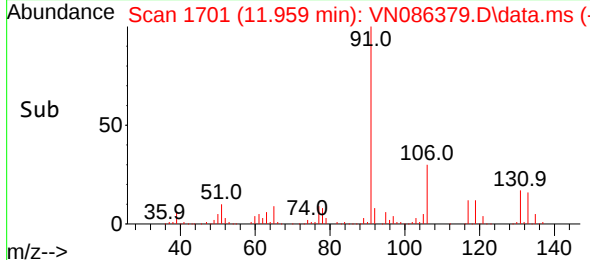
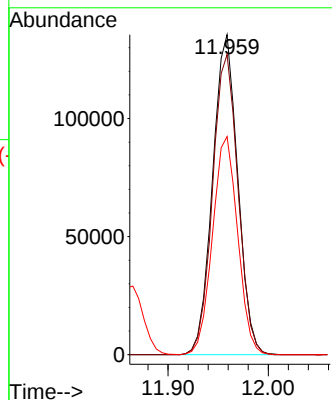
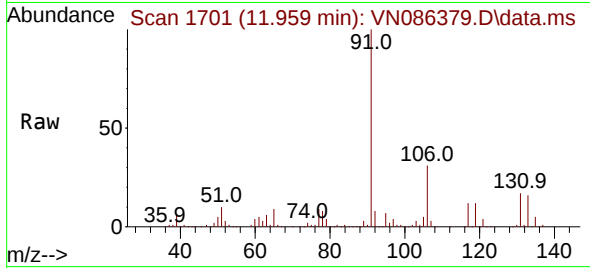




#65
1,1,1,2-Tetrachloroethane
Concen: 103.242 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

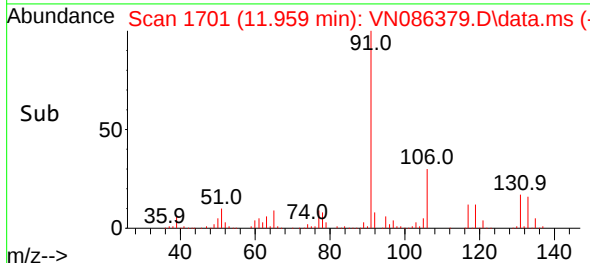
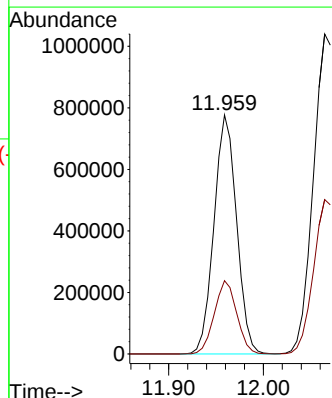
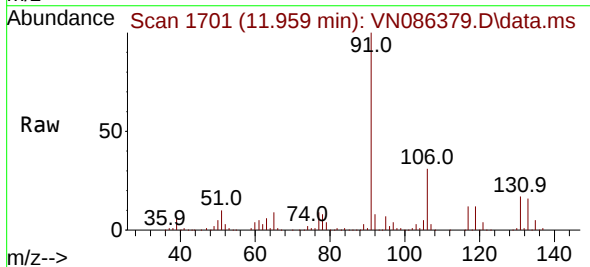
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

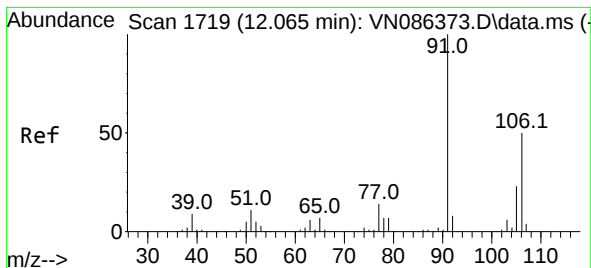
Tgt Ion:131 Resp: 236307
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.4
119 68.2 0.0 133.6



#66
Ethyl Benzene
Concen: 104.357 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 91 Resp: 1290476
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

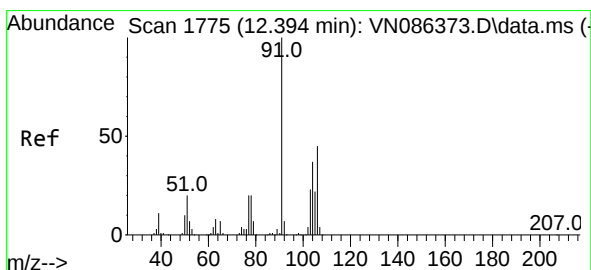
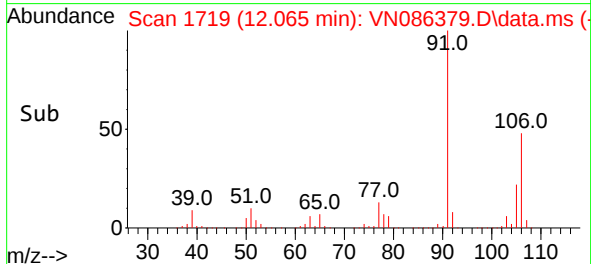
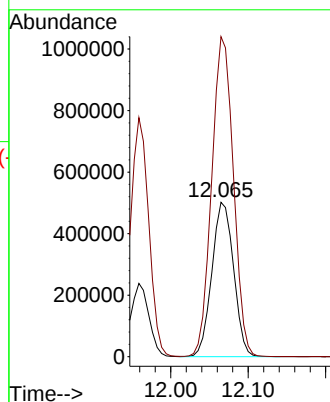
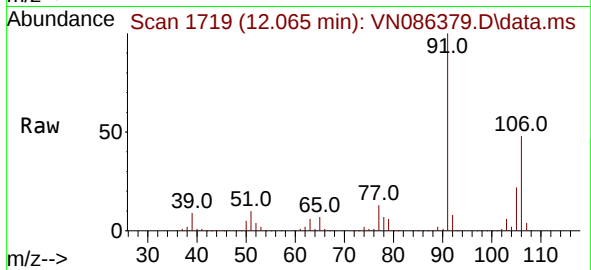




#67
m/p-Xylenes
Concen: 208.429 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

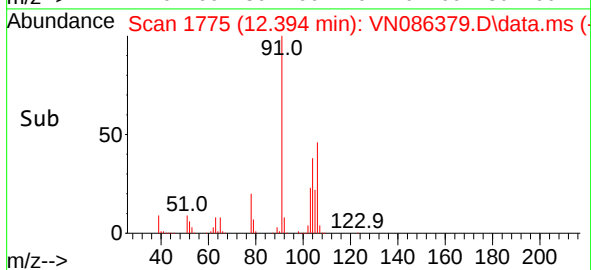
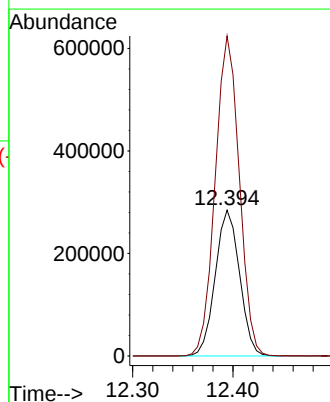
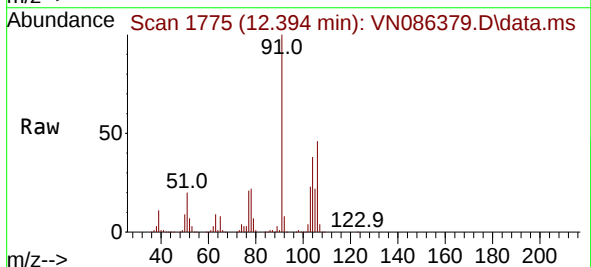
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

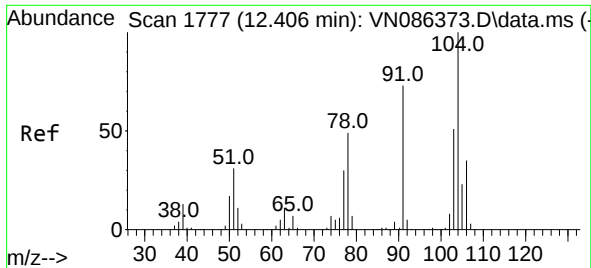
Tgt Ion:106 Resp: 977944
Ion Ratio Lower Upper
106 100
91 207.0 162.6 243.8



#68
o-Xylene
Concen: 104.273 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion:106 Resp: 479032
Ion Ratio Lower Upper
106 100
91 217.8 110.6 331.6

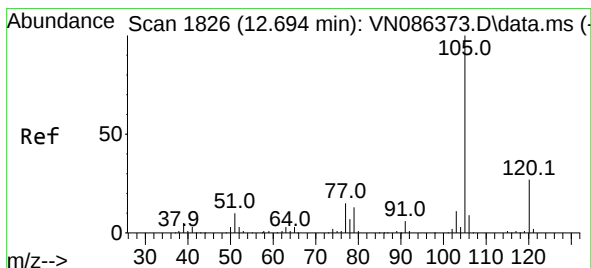
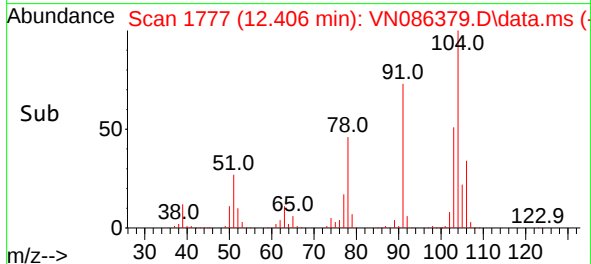
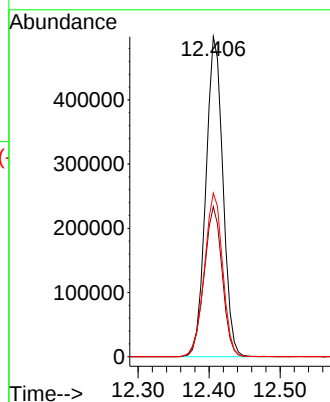
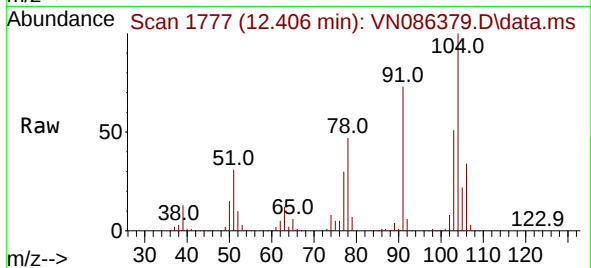




#69
Styrene
Concen: 107.015 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

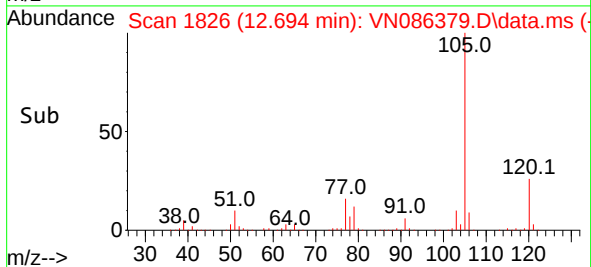
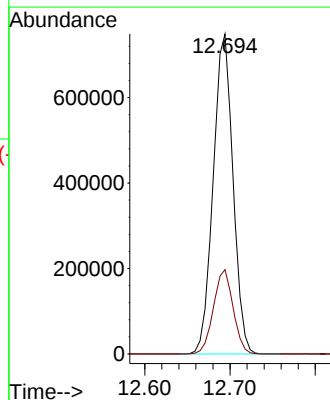
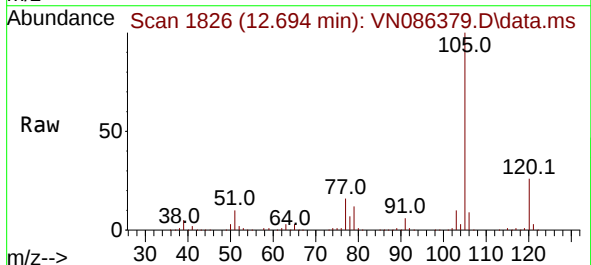
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

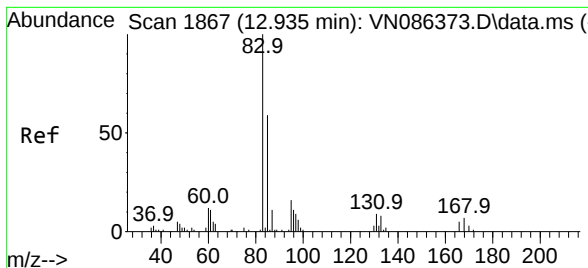
Tgt Ion:104 Resp: 833303
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.4
103 54.3 43.8 65.8



#70
Isopropylbenzene
Concen: 105.197 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion:105 Resp: 1206389
Ion Ratio Lower Upper
105 100
120 26.1 18.2 33.8

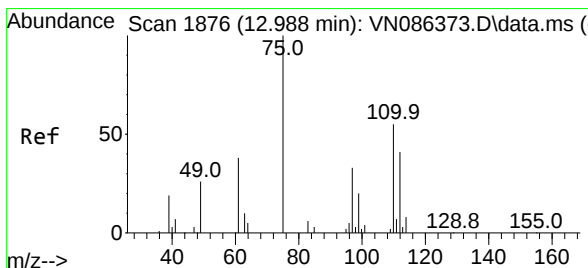
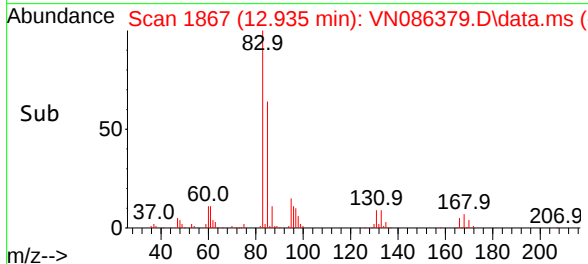
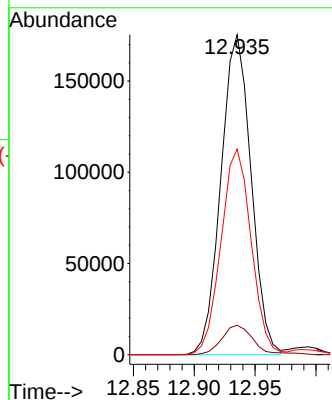
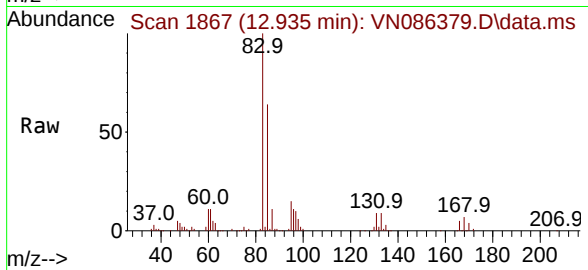




#71
1,1,2-Tetrachloroethane
Concen: 100.113 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

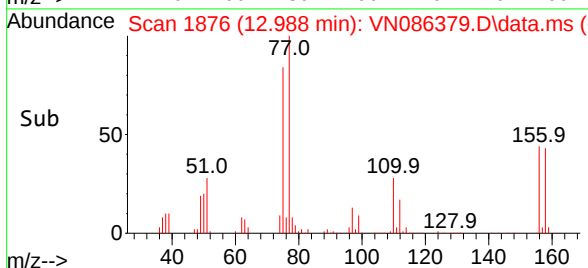
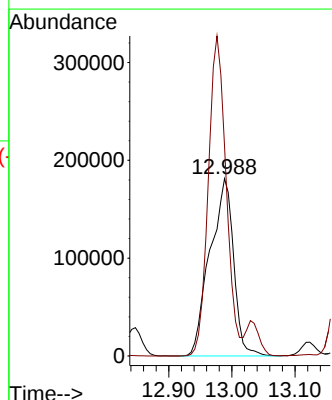
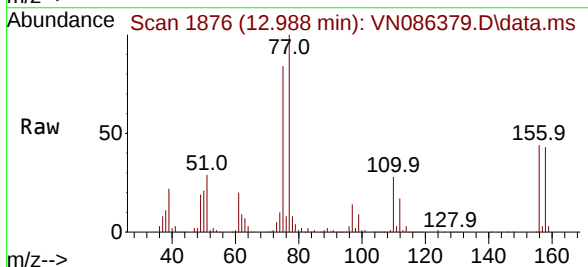
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

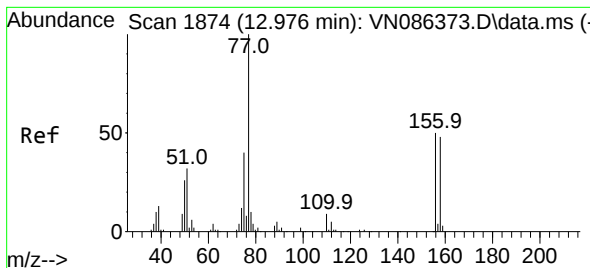
Tgt Ion: 83 Resp: 302296
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 64.4 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 180.669 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 75 Resp: 472727
Ion Ratio Lower Upper
75 100
77 136.8 0.0 464.4





#73

Bromobenzene

Concen: 103.746 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

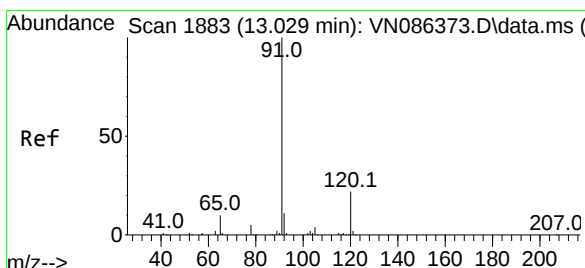
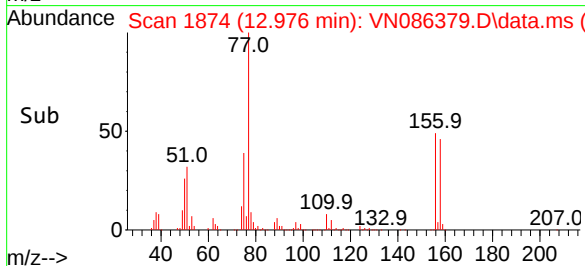
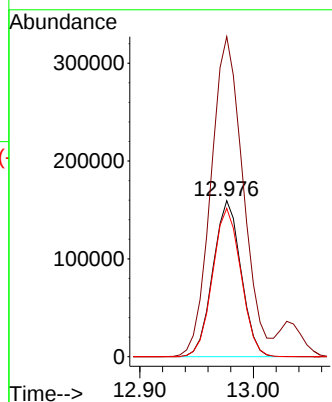
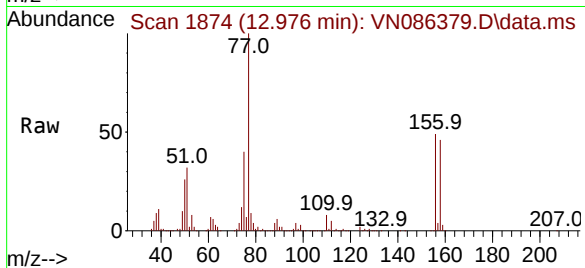
Tgt Ion:156 Resp: 273523

Ion Ratio Lower Upper

156 100

77 236.5 0.0 463.4

158 96.0 0.0 191.8



#74

n-propylbenzene

Concen: 106.306 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN086379.D

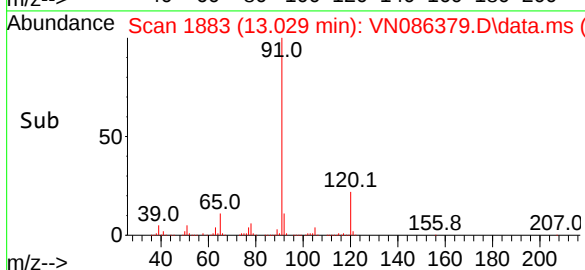
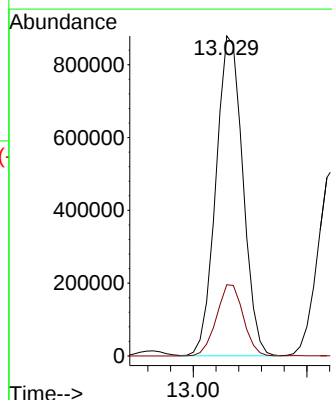
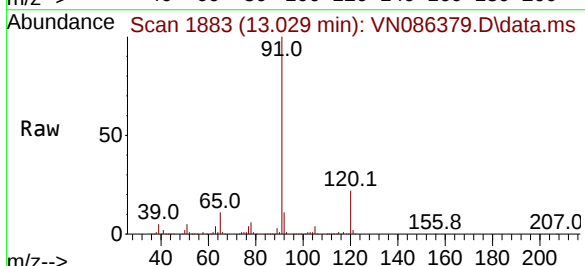
Acq: 23 Apr 2025 12:37

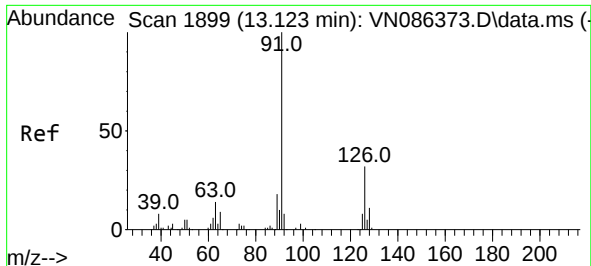
Tgt Ion: 91 Resp: 1448668

Ion Ratio Lower Upper

91 100

120 22.1 0.0 43.8

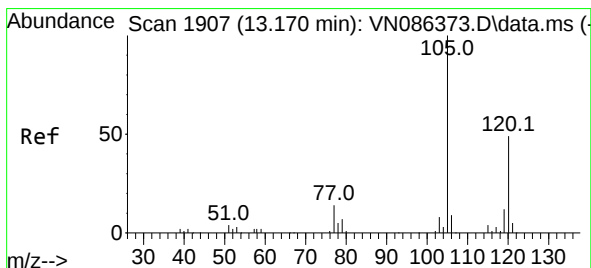
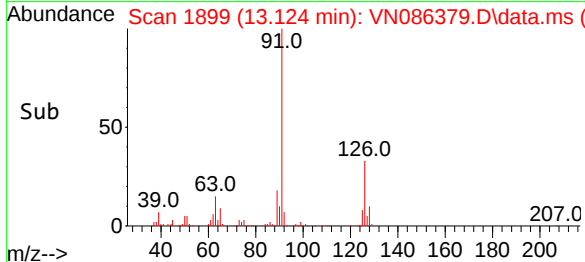
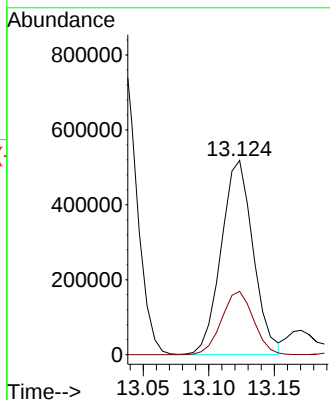
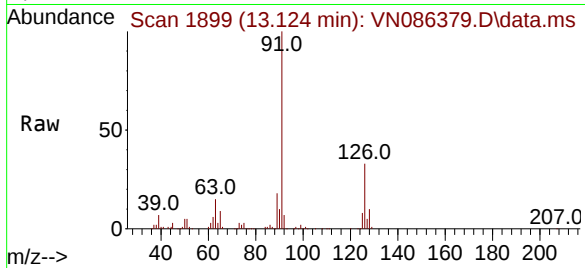




#75
2-Chlorotoluene
Concen: 103.571 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

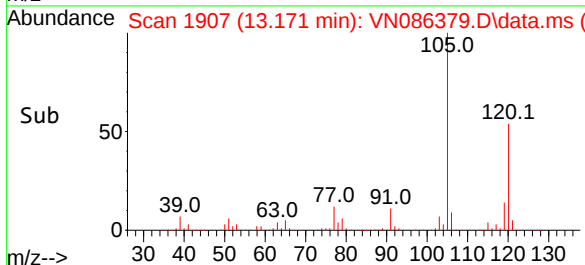
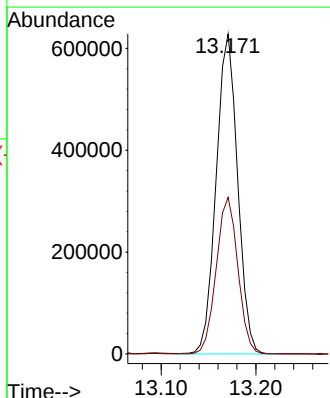
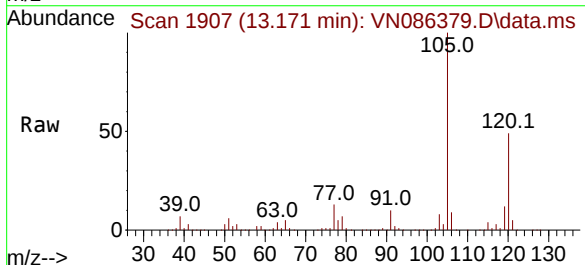
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

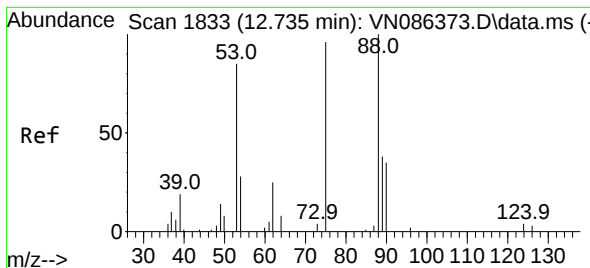
Tgt Ion: 91 Resp: 881066
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 105.165 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 105 Resp: 989559
Ion Ratio Lower Upper
105 100
120 49.3 0.0 97.6

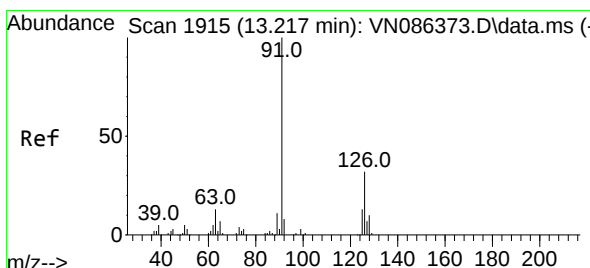
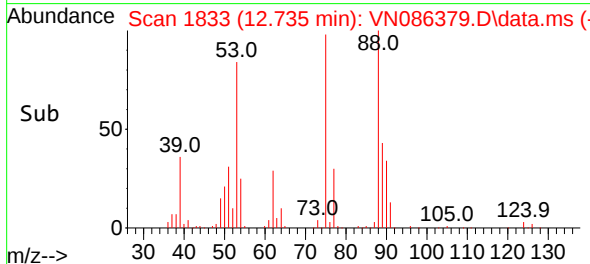
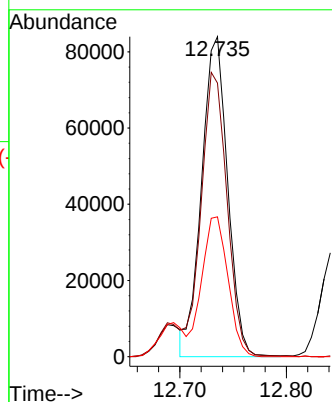
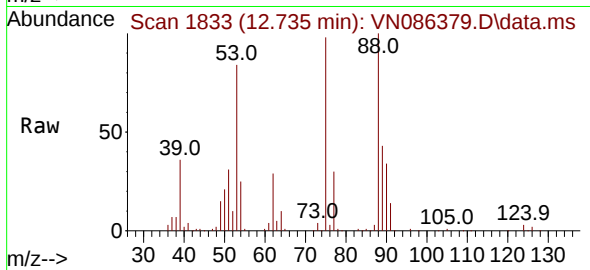




#77
t-1,4-Dichloro-2-butene
Concen: 107.186 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

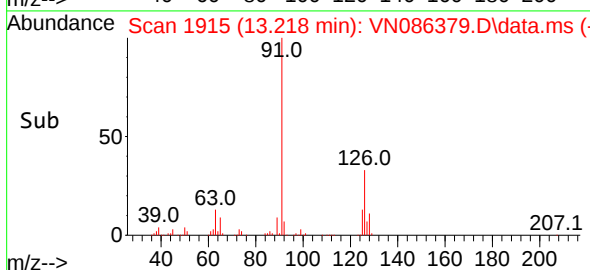
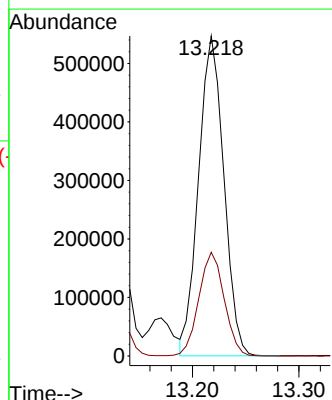
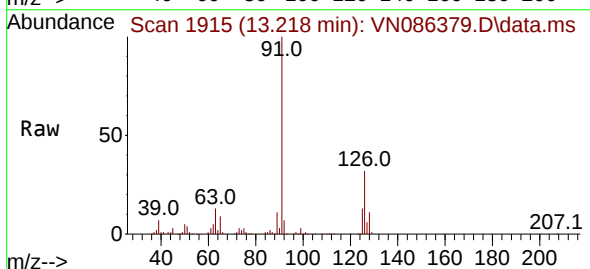
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

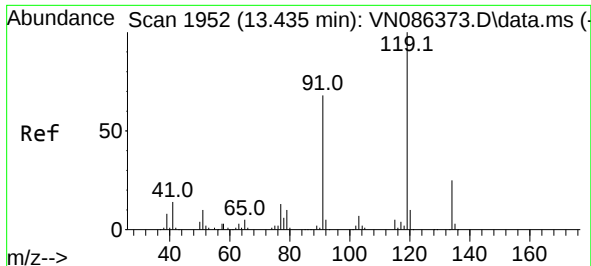
Tgt Ion: 75 Resp: 143204
Ion Ratio Lower Upper
75 100
53 85.5 46.0 138.0
89 43.8 21.6 64.6



#78
4-Chlorotoluene
Concen: 106.061 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 91 Resp: 902138
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.4

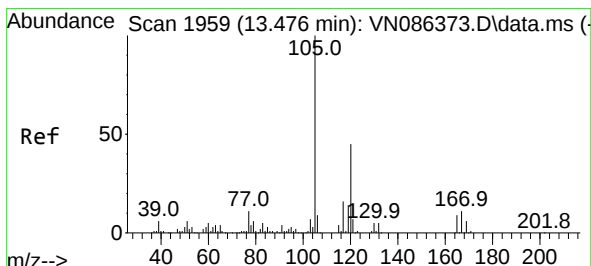
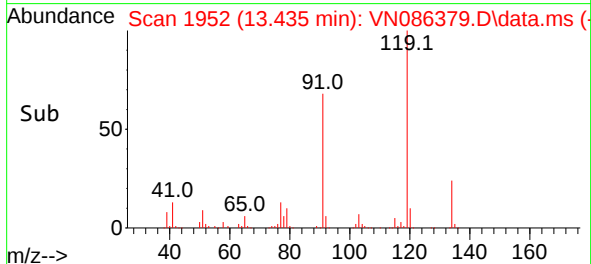
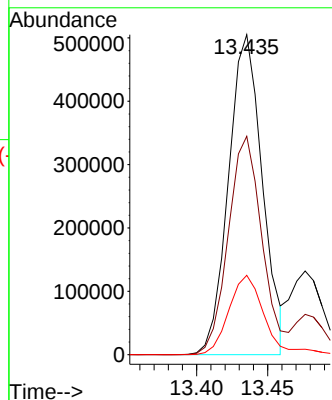
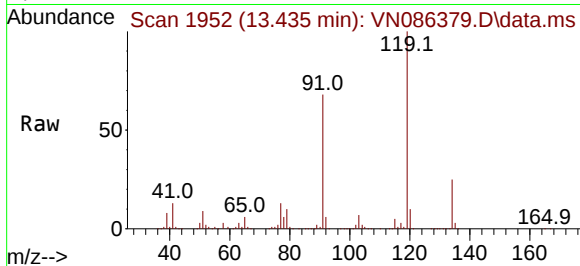




#79
tert-butylbenzene
Concen: 104.079 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

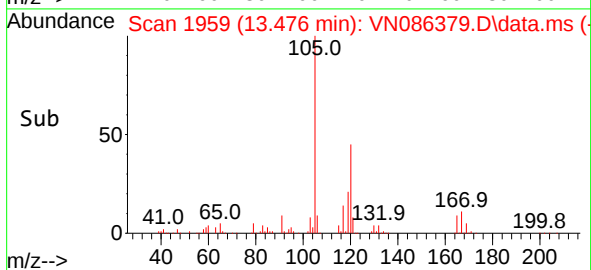
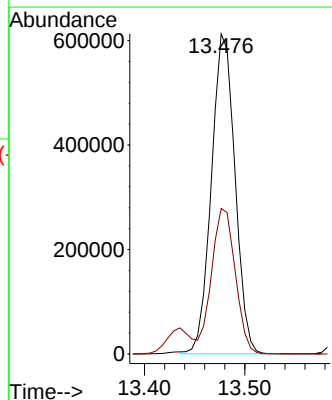
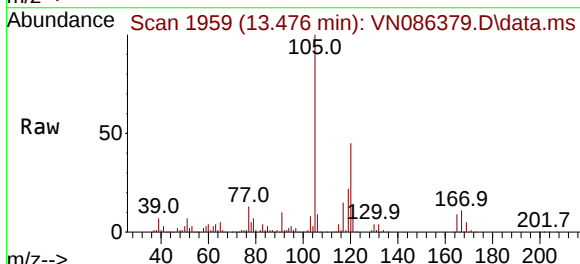
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

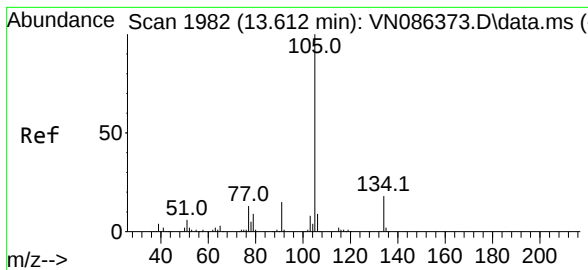
Tgt Ion:119 Resp: 838738
Ion Ratio Lower Upper
119 100
91 68.7 0.0 137.4
134 25.1 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 104.137 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion:105 Resp: 1000736
Ion Ratio Lower Upper
105 100
120 45.5 0.0 87.6

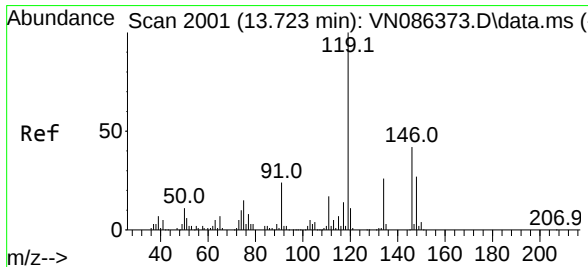
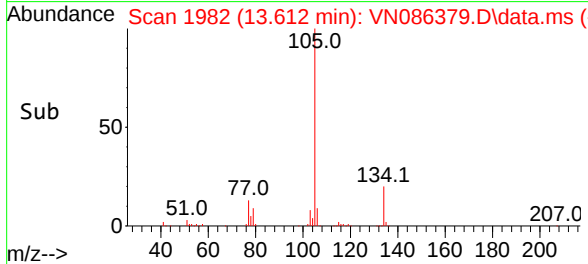
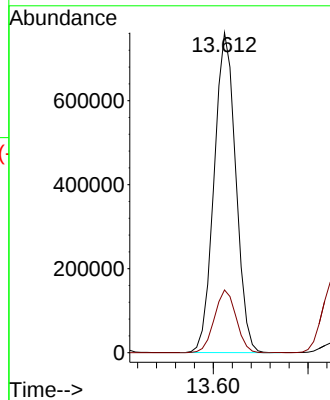
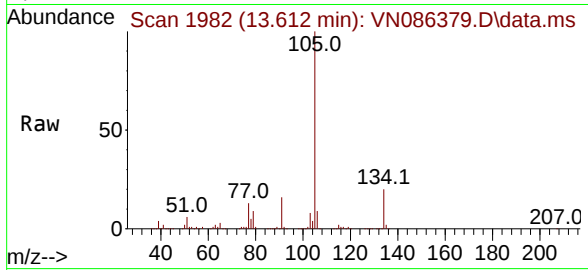




#81
 sec-Butylbenzene
 Concen: 105.264 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

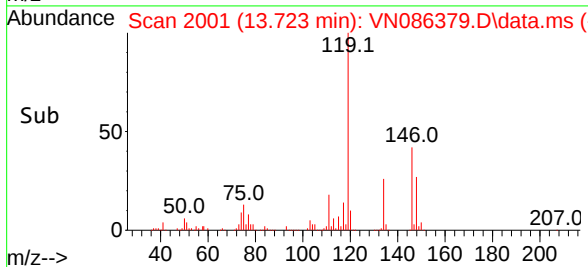
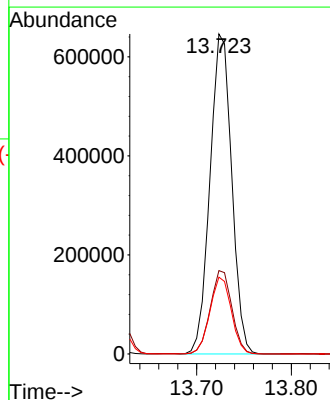
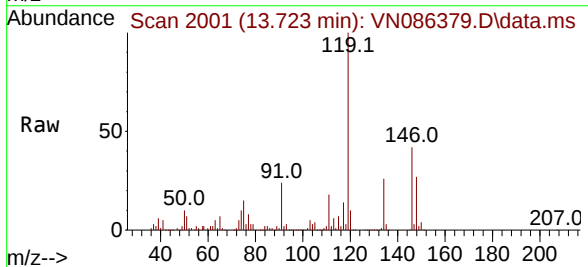
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

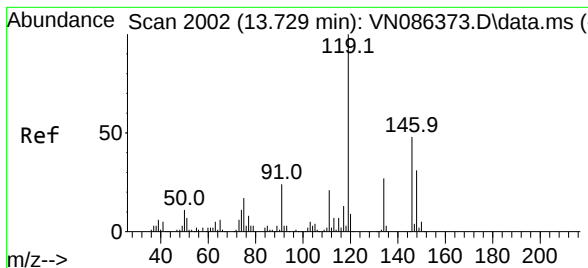
Tgt Ion:105 Resp: 1210897
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 107.051 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086379.D
 Acq: 23 Apr 2025 12:37

Tgt Ion:119 Resp: 1030447
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 23.6 0.0 47.6





#83

1,3-Dichlorobenzene

Concen: 105.501 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

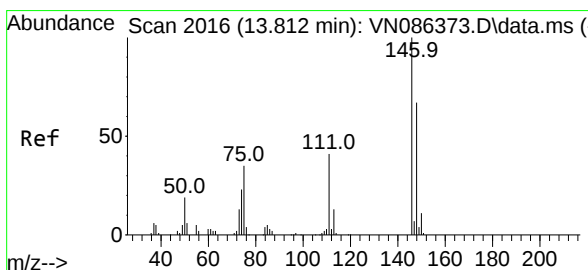
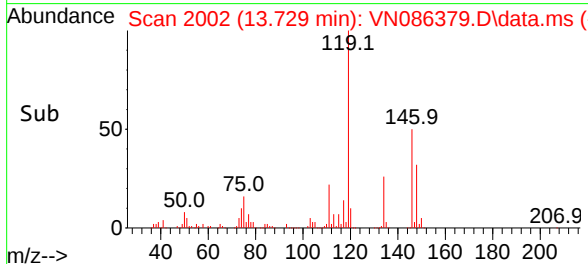
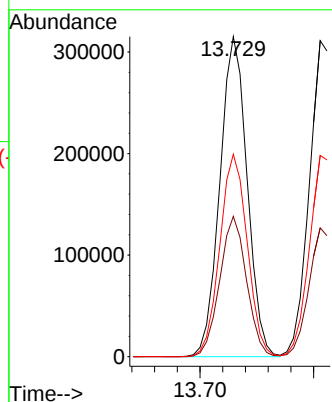
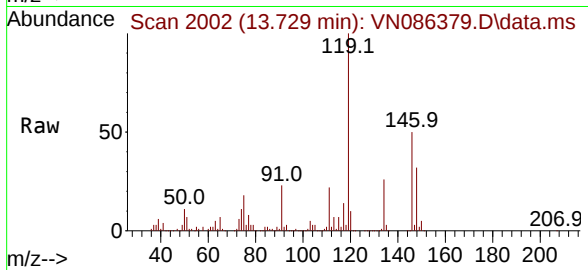
Tgt Ion:146 Resp: 525798

Ion Ratio Lower Upper

146 100

111 43.1 20.7 62.1

148 63.6 32.3 96.8



#84

1,4-Dichlorobenzene

Concen: 105.635 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

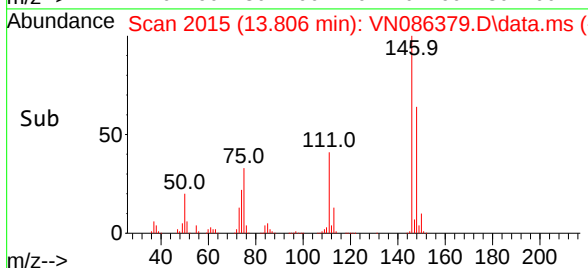
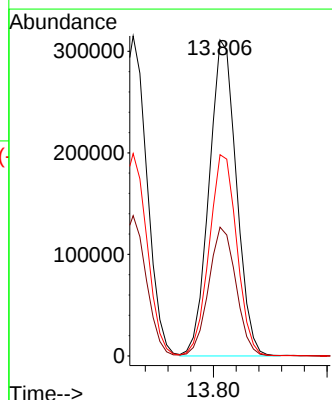
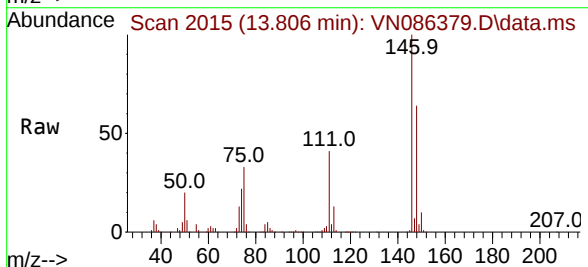
Tgt Ion:146 Resp: 520155

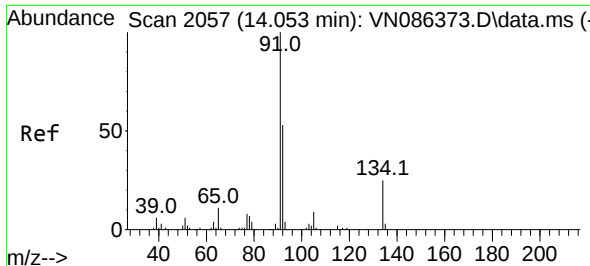
Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 64.1 32.4 97.2

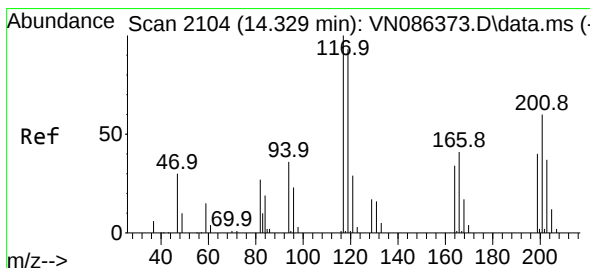
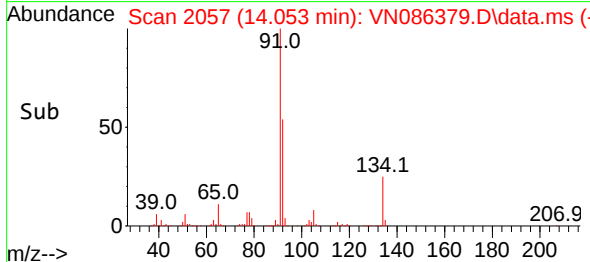
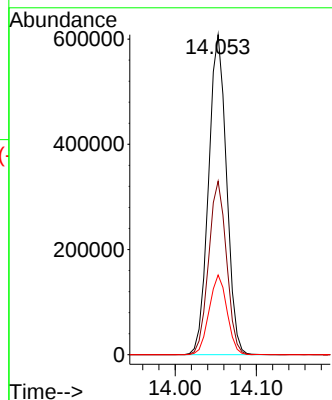
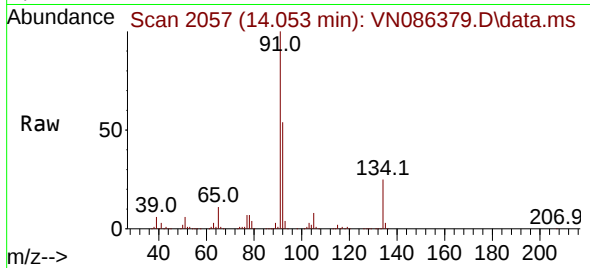




#85
n-Butylbenzene
Concen: 108.639 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

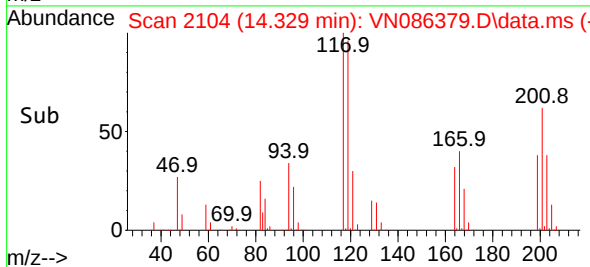
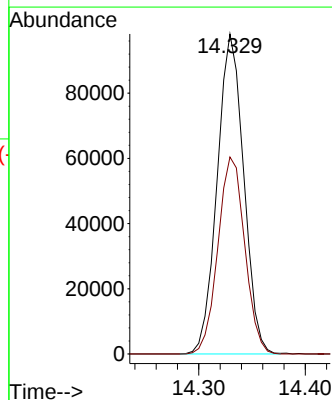
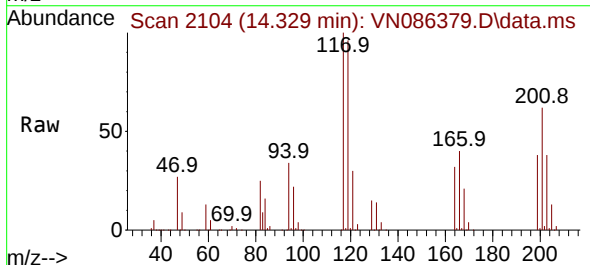
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

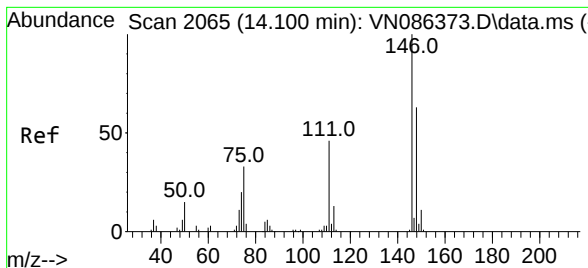
Tgt Ion: 91 Resp: 933101
Ion Ratio Lower Upper
91 100
92 54.0 0.0 107.2
134 24.8 0.0 48.2



#86
Hexachloroethane
Concen: 107.787 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion: 117 Resp: 169652
Ion Ratio Lower Upper
117 100
201 62.2 31.7 95.1





#87

1,2-Dichlorobenzene

Concen: 104.502 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

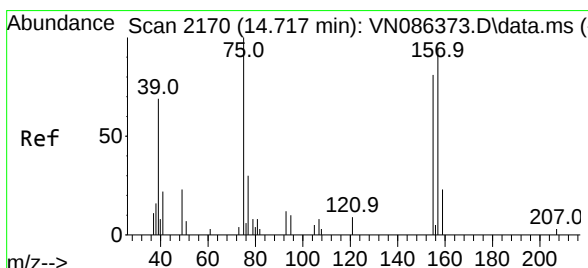
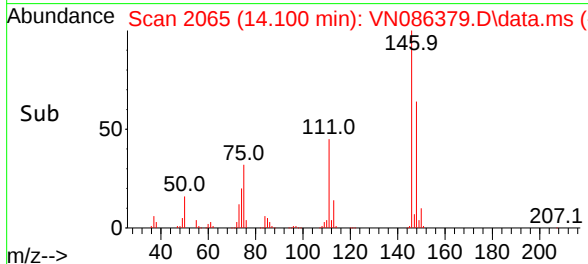
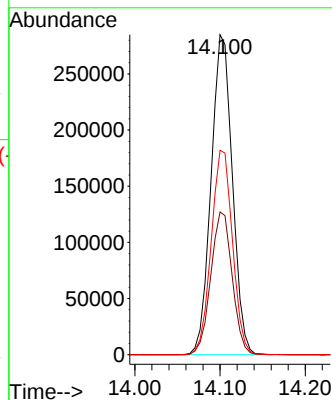
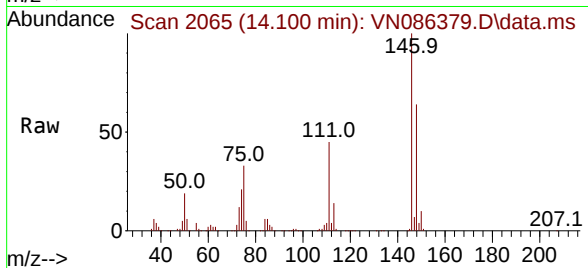
Tgt Ion:146 Resp: 495563

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.3

148 63.9 32.0 96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 103.269 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

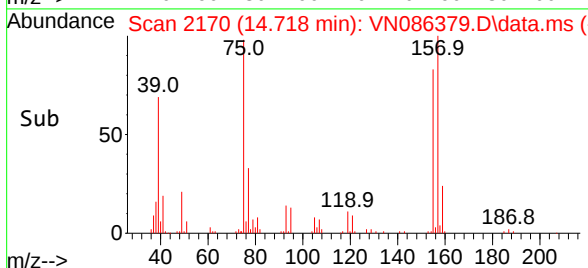
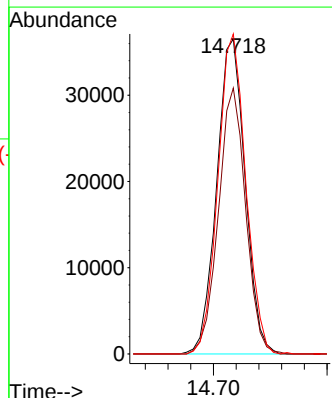
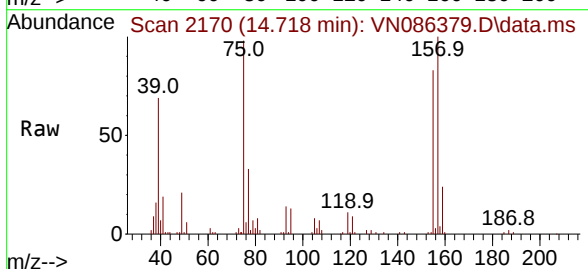
Tgt Ion: 75 Resp: 63382

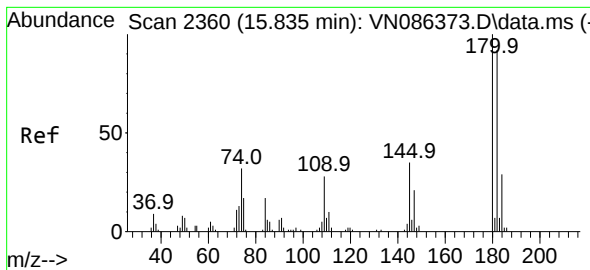
Ion Ratio Lower Upper

75 100

155 80.9 64.0 96.0

157 99.5 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 108.839 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

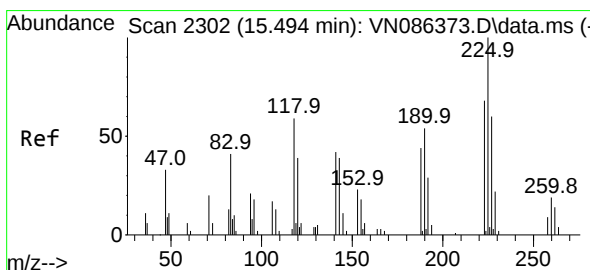
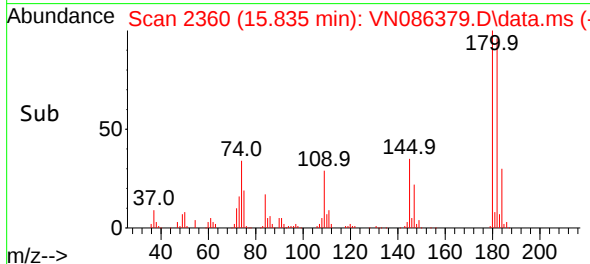
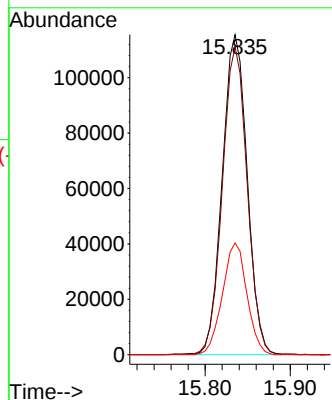
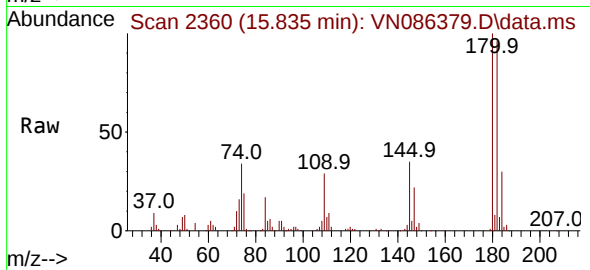
Tgt Ion:180 Resp: 235238

Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

145 34.3 26.9 40.3



#90

Hexachlorobutadiene

Concen: 105.391 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN086379.D

Acq: 23 Apr 2025 12:37

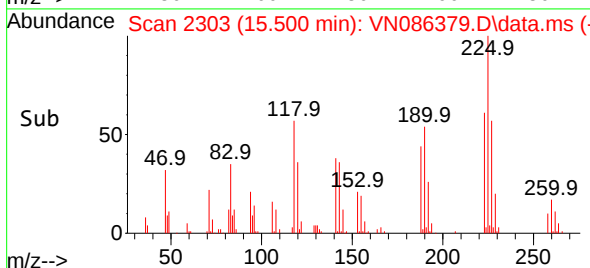
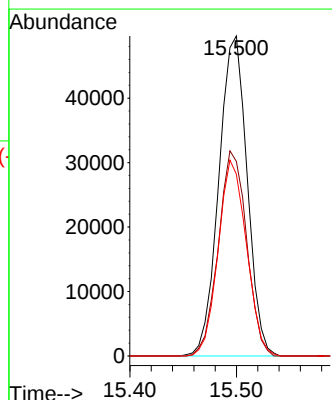
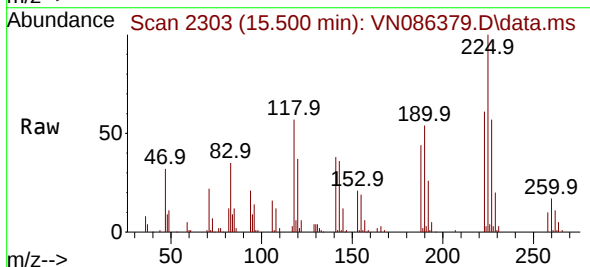
Tgt Ion:225 Resp: 91753

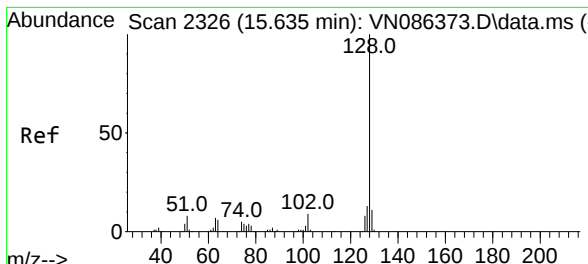
Ion Ratio Lower Upper

225 100

223 64.0 0.0 128.8

227 60.9 0.0 120.2

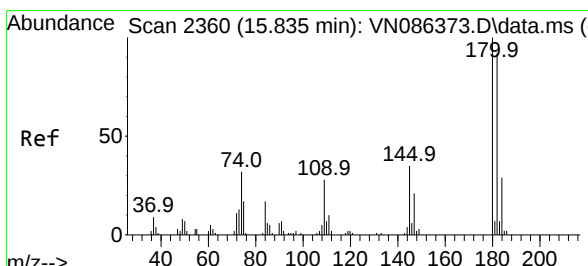
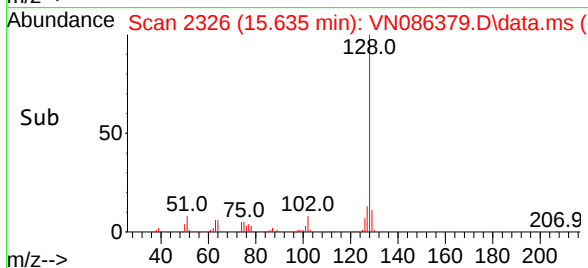
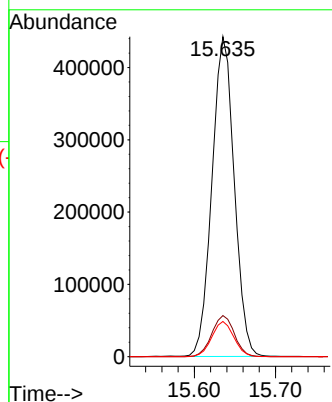
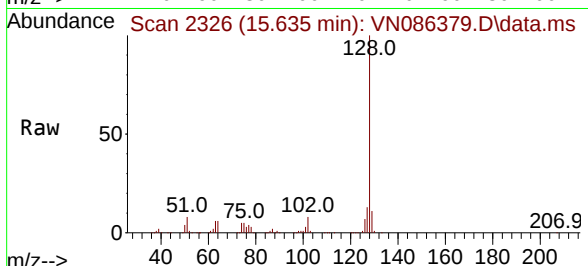




#91
Naphthalene
Concen: 109.005 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 843461
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 108.839 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086379.D
Acq: 23 Apr 2025 12:37

Tgt Ion:180 Resp: 235238
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.0
145 34.3 0.0 67.2

