

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086201.D
 Acq On : 02 Apr 2025 11:46
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 03 01:33:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	144621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	219576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	90834	45.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.740%
35) Dibromofluoromethane	8.159	113	66106	43.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.260%
50) Toluene-d8	10.565	98	255215	45.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.847	95	104281	52.569	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107760	56.242	ug/l	97
3) Chloromethane	2.359	50	81831	48.718	ug/l	99
4) Vinyl Chloride	2.512	62	91736	53.414	ug/l	94
5) Bromomethane	2.948	94	48673	41.606	ug/l	98
6) Chloroethane	3.118	64	53852	49.704	ug/l	92
7) Trichlorofluoromethane	3.495	101	157550	51.031	ug/l	95
8) Diethyl Ether	3.965	74	44383	46.960	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	78665	47.942	ug/l	98
10) Methyl Iodide	4.589	142	96430	45.102	ug/l #	89
11) Tert butyl alcohol	5.518	59	70503	251.452	ug/l	97
12) 1,1-Dichloroethene	4.342	96	73828	49.829	ug/l	97
13) Acrolein	4.177	56	14838	49.617	ug/l	89
14) Allyl chloride	5.018	41	80304	43.445	ug/l	90
15) Acrylonitrile	5.712	53	159852	215.874	ug/l	98
16) Acetone	4.424	43	115744	191.307	ug/l	99
17) Carbon Disulfide	4.712	76	198987	40.837	ug/l	100
18) Methyl Acetate	5.024	43	82289	54.972	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	261289	53.817	ug/l	95
20) Methylene Chloride	5.265	84	77695	43.897	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	78254	48.329	ug/l	95
22) Diisopropyl ether	6.671	45	175769	44.623	ug/l	94
23) Vinyl Acetate	6.600	43	690715	231.319	ug/l	97
24) 1,1-Dichloroethane	6.571	63	132672	45.804	ug/l	97
25) 2-Butanone	7.477	43	185743	212.763	ug/l	96
26) 2,2-Dichloropropane	7.483	77	149943	53.769	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	91010	49.462	ug/l	98
28) Bromochloromethane	7.806	49	47262	38.512	ug/l	87
29) Tetrahydrofuran	7.836	42	119127	221.031	ug/l	90
30) Chloroform	7.965	83	156456	48.868	ug/l	97
31) Cyclohexane	8.253	56	112656	45.655	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	159793	52.726	ug/l	98
36) 1,1-Dichloropropene	8.365	75	106928	52.985	ug/l	100
37) Ethyl Acetate	7.553	43	74186	43.574	ug/l	97
38) Carbon Tetrachloride	8.359	117	146655	55.270	ug/l	98
39) Methylcyclohexane	9.600	83	117789	58.830	ug/l	97
40) Benzene	8.600	78	319676	50.460	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086201.D
 Acq On : 02 Apr 2025 11:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 01:33:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	40875	50.279	ug/l	97
42) 1,2-Dichloroethane	8.671	62	120735	54.694	ug/l	98
43) Isopropyl Acetate	8.683	43	142790	38.704	ug/l	98
44) Trichloroethene	9.347	130	89604	54.572	ug/l	90
45) 1,2-Dichloropropane	9.618	63	68985	47.876	ug/l	94
46) Dibromomethane	9.706	93	59028	52.091	ug/l	99
47) Bromodichloromethane	9.882	83	123918	52.324	ug/l	98
48) Methyl methacrylate	9.677	41	63104	51.834	ug/l	92
49) 1,4-Dioxane	9.688	88	32967	1145.504	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	414837	254.961	ug/l	99
52) Toluene	10.624	92	218177	56.112	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	134487	58.473	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	134684	55.502	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	77439	52.181	ug/l	94
56) Ethyl methacrylate	10.871	69	122936	52.561	ug/l	97
57) 1,3-Dichloropropane	11.159	76	130844	51.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	313595	331.447	ug/l	95
59) 2-Hexanone	11.194	43	311432	262.745	ug/l	99
60) Dibromochloromethane	11.359	129	101587	53.048	ug/l	96
61) 1,2-Dibromoethane	11.465	107	81558	53.532	ug/l	97
64) Tetrachloroethene	11.100	164	98156	60.431	ug/l	98
65) Chlorobenzene	11.888	112	240954	51.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	90186	52.070	ug/l	97
67) Ethyl Benzene	11.959	91	424561	56.964	ug/l	99
68) m/p-Xylenes	12.071	106	338625	115.594	ug/l	99
69) o-Xylene	12.394	106	158721	59.034	ug/l	97
70) Styrene	12.406	104	274781	59.835	ug/l	98
71) Bromoform	12.576	173	74838	51.687	ug/l #	100
73) Isopropylbenzene	12.694	105	412584	53.509	ug/l	100
74) N-amyl acetate	12.494	43	125029	48.467	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	102553	39.314	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	159710	63.180	ug/l	76
77) Bromobenzene	12.976	156	104871	48.777	ug/l	98
78) n-propylbenzene	13.035	91	470338	53.869	ug/l	98
79) 2-Chlorotoluene	13.123	91	304265	52.466	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	370447	56.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44943	47.005	ug/l #	84
82) 4-Chlorotoluene	13.218	91	317438	53.228	ug/l	99
83) tert-Butylbenzene	13.435	119	316336	56.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	378751	57.684	ug/l	99
85) sec-Butylbenzene	13.612	105	410436	56.509	ug/l	99
86) p-Isopropyltoluene	13.723	119	371810	60.473	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	203750	52.575	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	199065	48.890	ug/l	98
89) n-Butylbenzene	14.053	91	298523	59.623	ug/l	98
90) Hexachloroethane	14.329	117	60870	42.906	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	192770	50.037	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28342	54.429	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	114913	59.322	ug/l	98
94) Hexachlorobutadiene	15.500	225	59817	53.225	ug/l	99
95) Naphthalene	15.635	128	357971	63.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	109372	59.503	ug/l	98

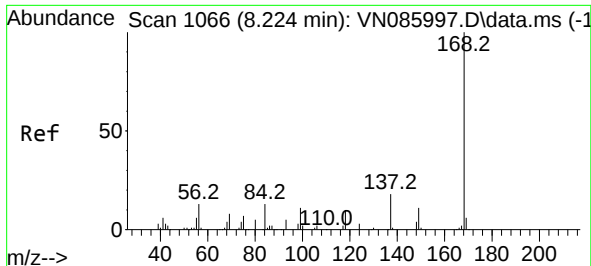
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
Data File : VN086201.D
Acq On : 02 Apr 2025 11:46
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Apr 03 01:33:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

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

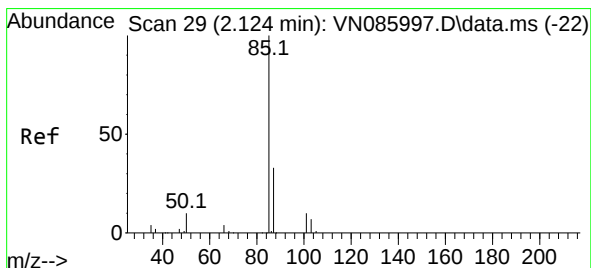
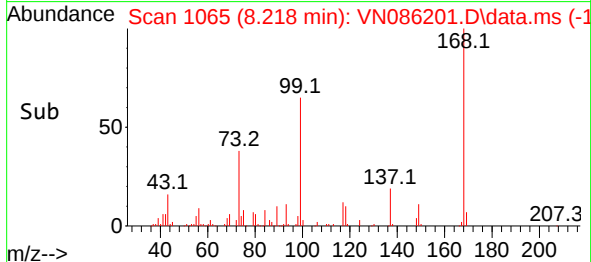
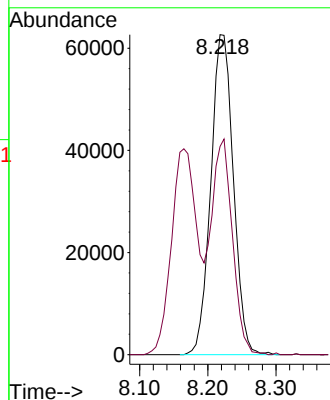
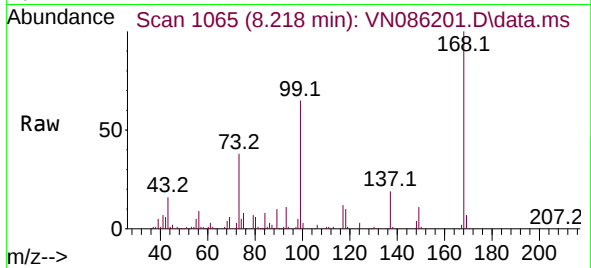
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

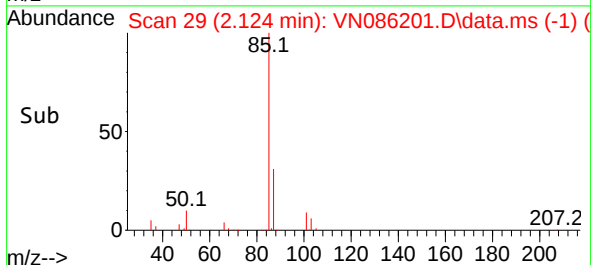
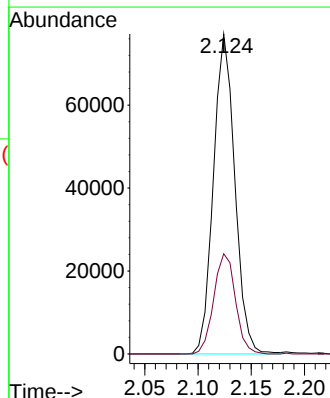
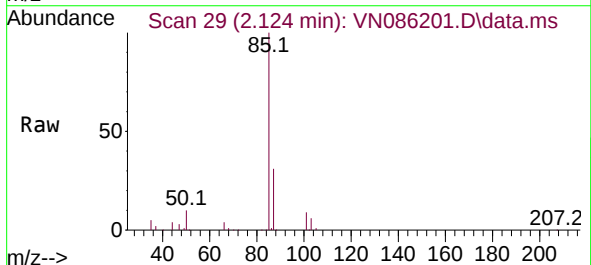
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

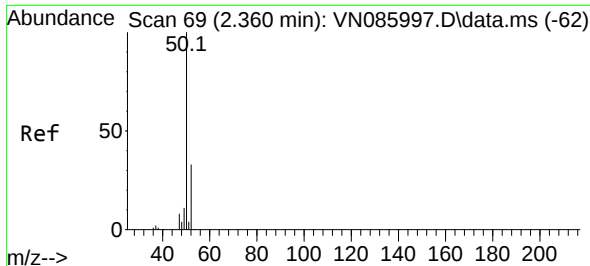
Tgt Ion:168 Resp: 144621
Ion Ratio Lower Upper
168 100
99 65.1 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 56.242 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 85 Resp: 107760
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5

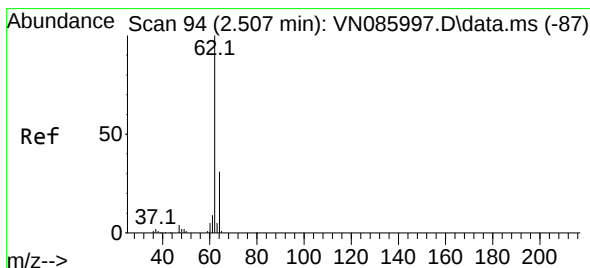
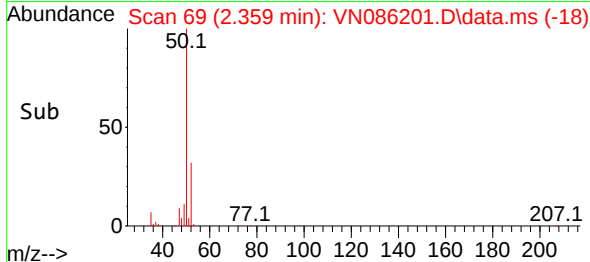
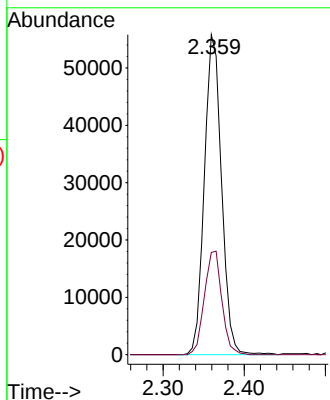
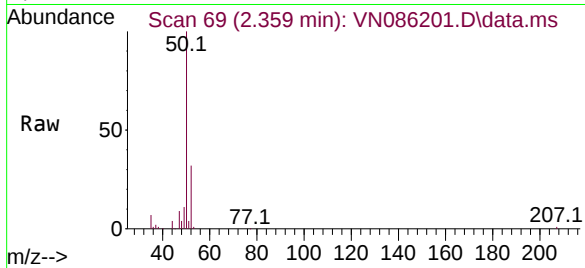




#3
Chloromethane
Concen: 48.718 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

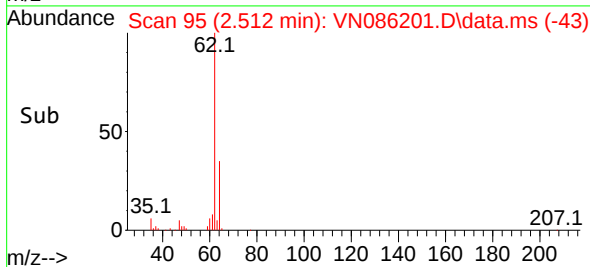
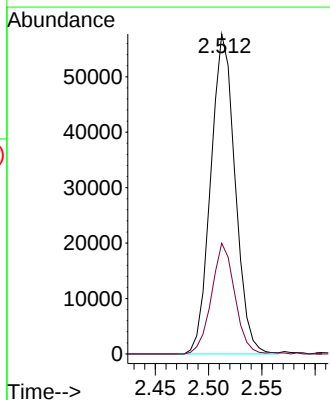
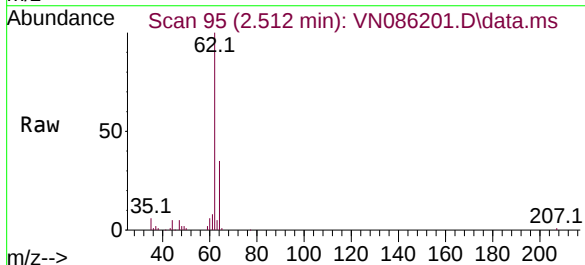
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

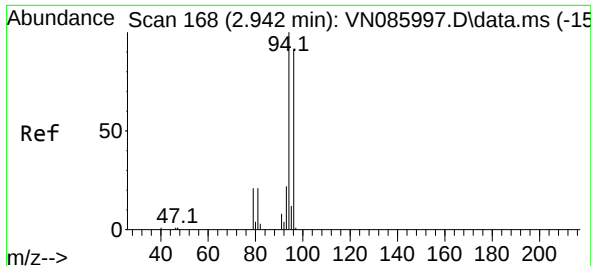
Tgt Ion: 50 Resp: 81831
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 53.414 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 62 Resp: 91736
Ion Ratio Lower Upper
62 100
64 34.6 25.2 37.8

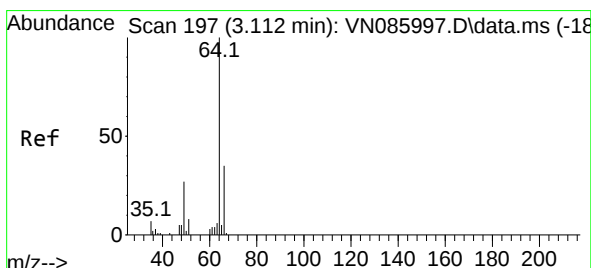
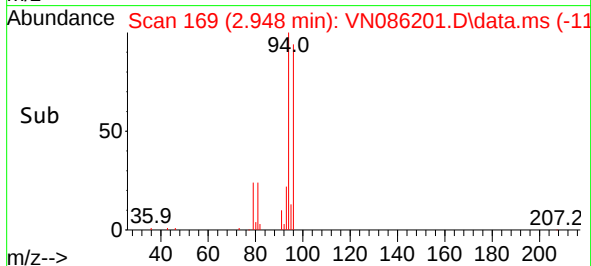
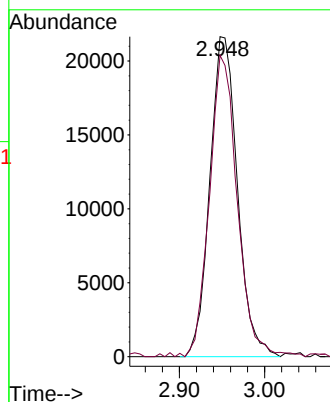
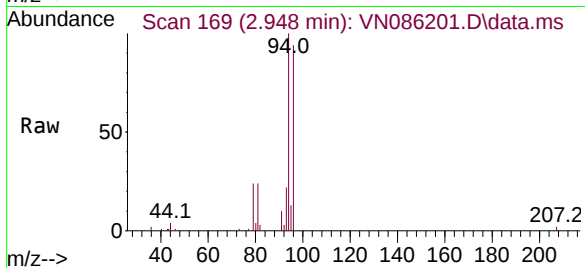




#5
Bromomethane
Concen: 41.606 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

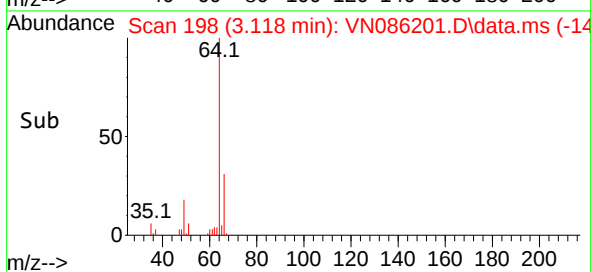
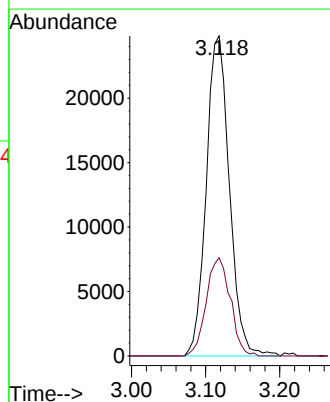
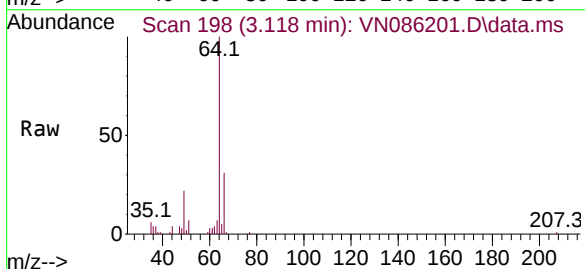
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

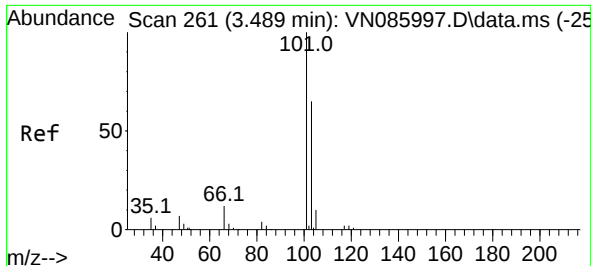
Tgt Ion: 94 Resp: 48673
Ion Ratio Lower Upper
94 100
96 93.1 72.8 109.2



#6
Chloroethane
Concen: 49.704 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 64 Resp: 53852
Ion Ratio Lower Upper
64 100
66 30.7 28.3 42.5

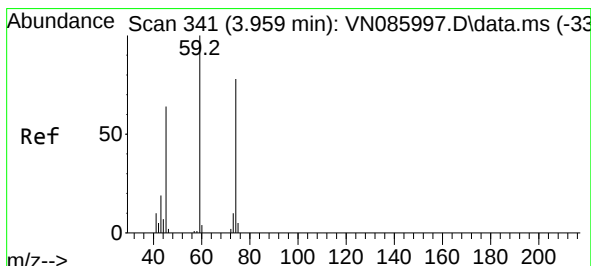
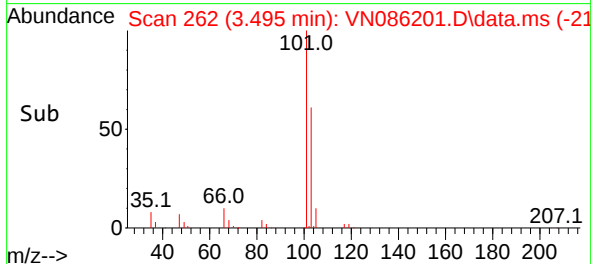
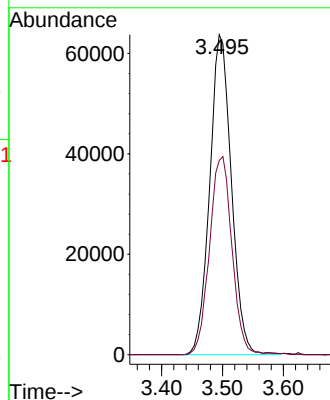
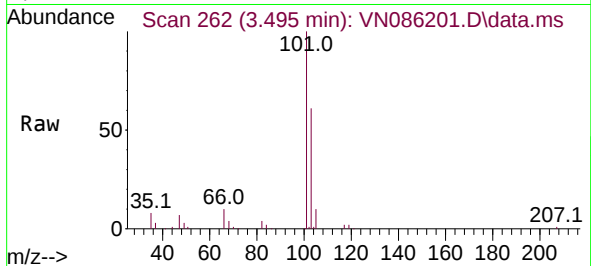




#7
Trichlorofluoromethane
Concen: 51.031 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

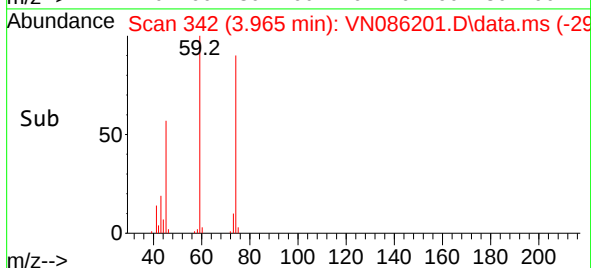
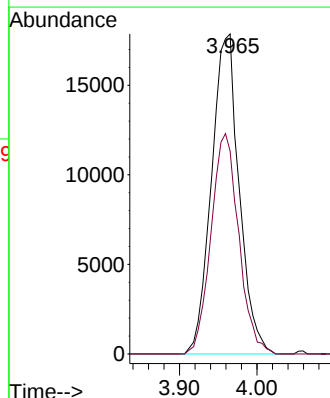
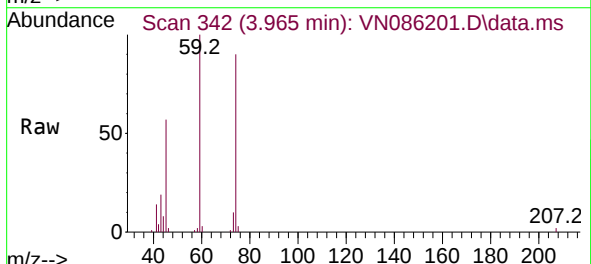
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

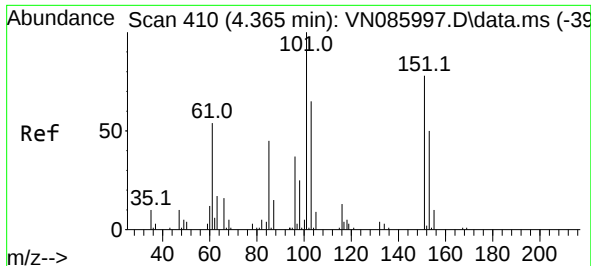
Tgt Ion:101 Resp: 157550
Ion Ratio Lower Upper
101 100
103 60.7 51.7 77.5



#8
Diethyl Ether
Concen: 46.960 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 74 Resp: 44383
Ion Ratio Lower Upper
74 100
45 68.8 38.0 113.9

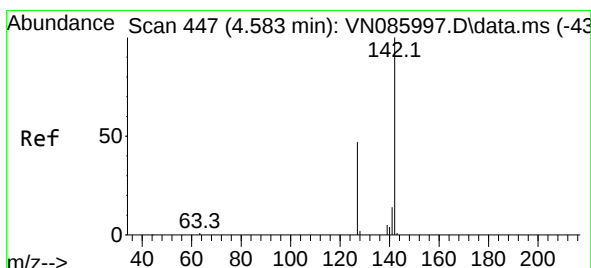
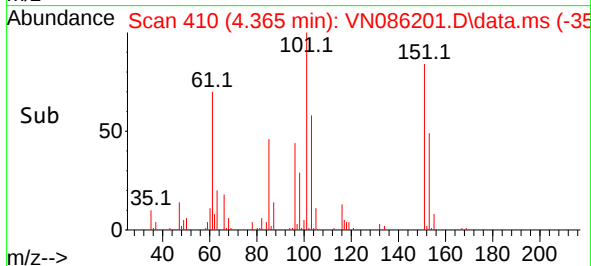
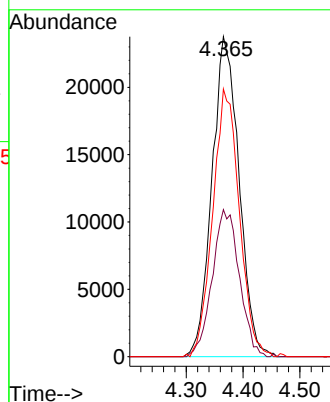
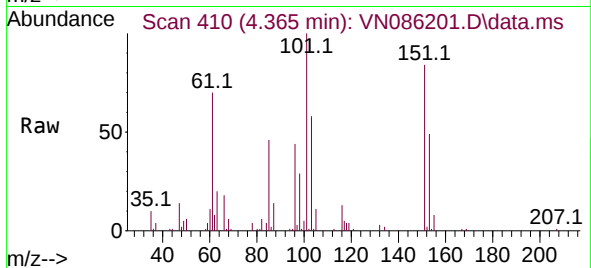




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.942 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

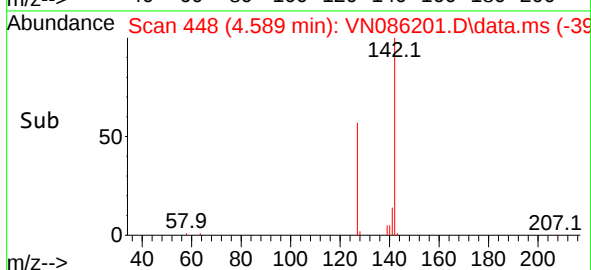
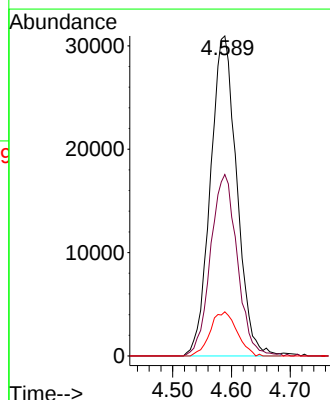
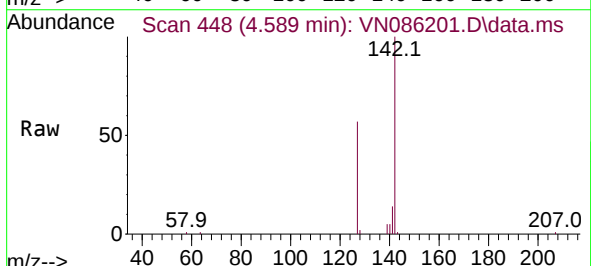
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

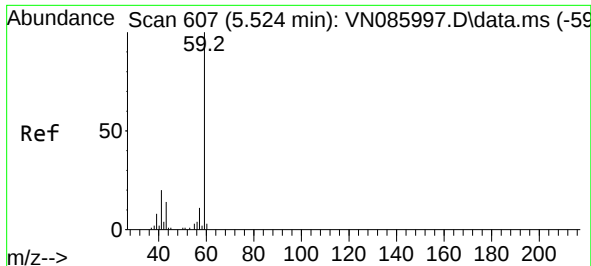
Tgt Ion:	101	Resp:	78665
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.5	54.7
151	81.9	63.4	95.0



#10
Methyl Iodide
Concen: 45.102 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:	142	Resp:	96430
Ion Ratio	Lower	Upper	
142	100		
127	56.7	37.5	56.3#
141	13.8	11.0	16.6

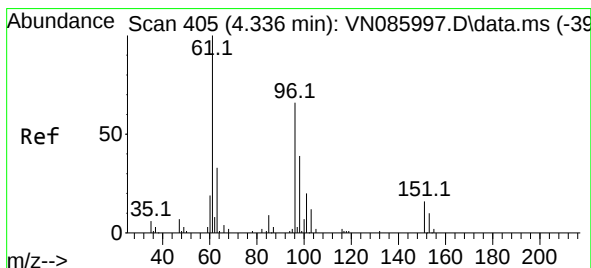
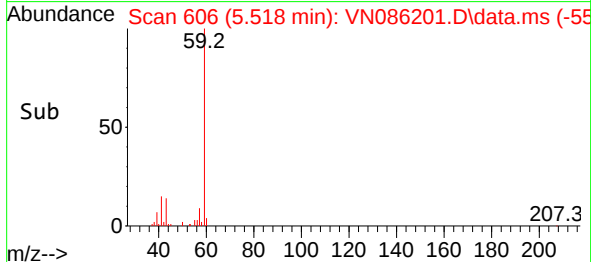
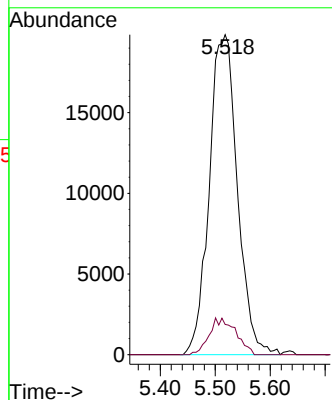
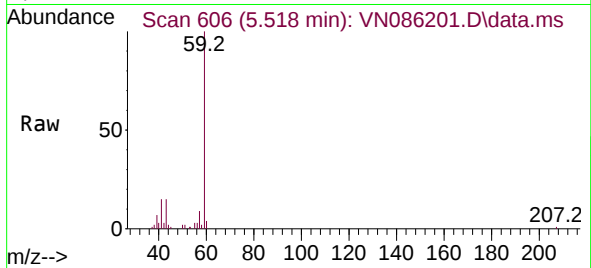




#11
Tert butyl alcohol
Concen: 251.452 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

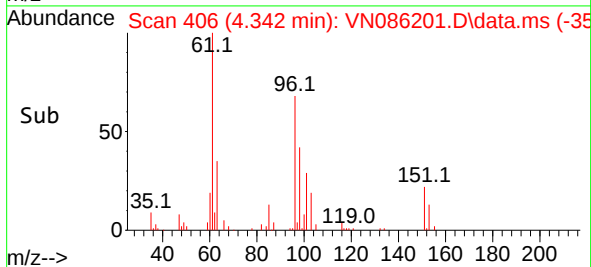
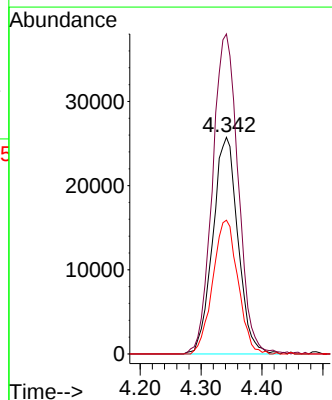
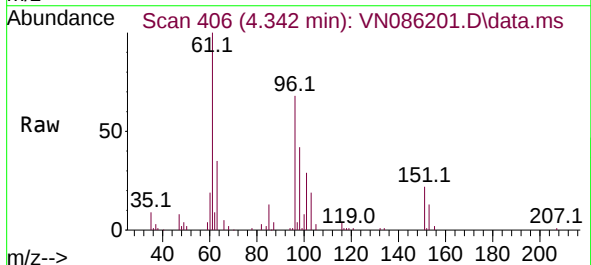
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

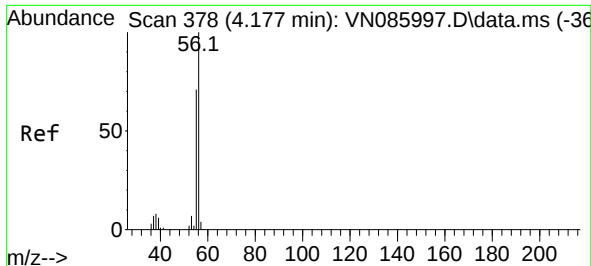
Tgt Ion: 59 Resp: 70503
Ion Ratio Lower Upper
59 100
57 10.8 7.9 11.9



#12
1,1-Dichloroethene
Concen: 49.829 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 96 Resp: 73828
Ion Ratio Lower Upper
96 100
61 147.7 120.5 180.7
98 61.8 47.4 71.0

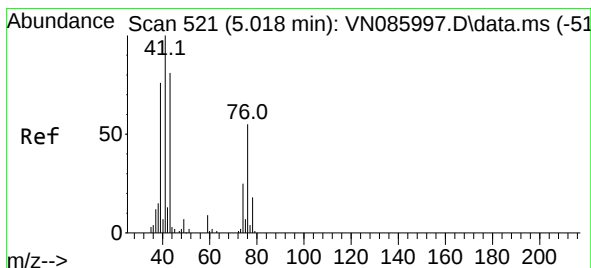
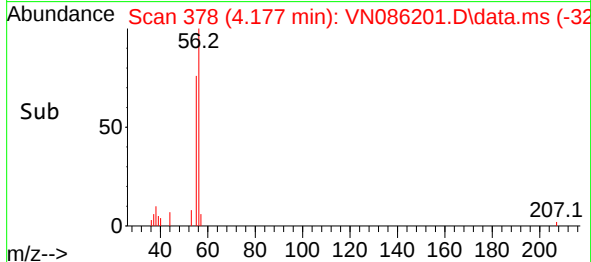
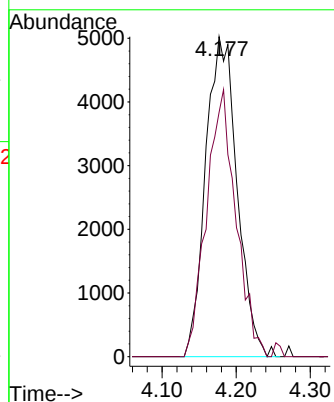
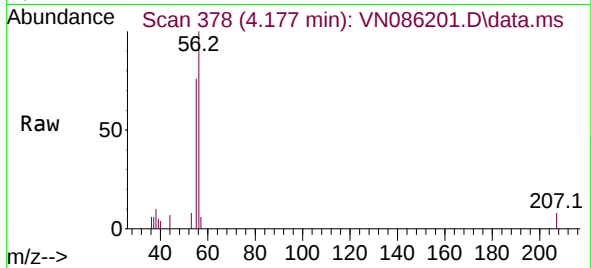




#13
Acrolein
Concen: 49.617 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

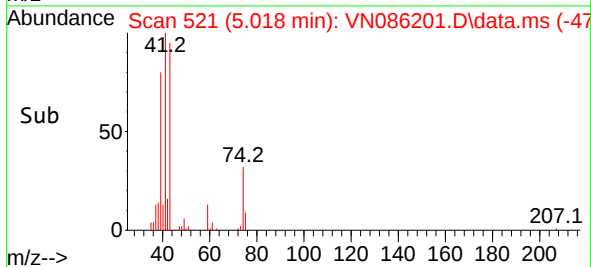
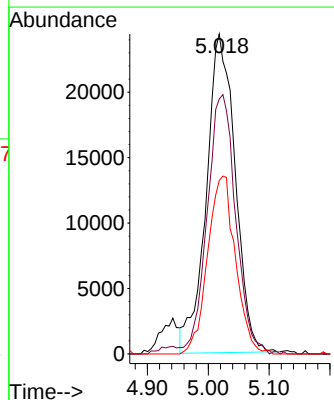
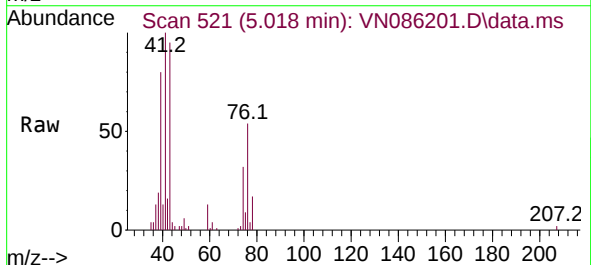
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

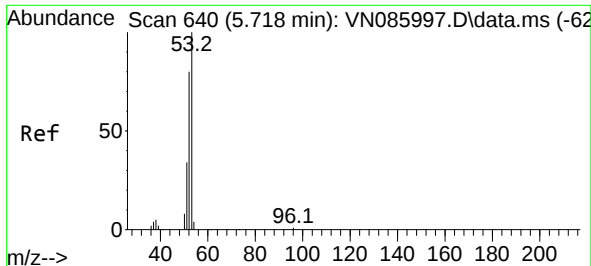
Tgt Ion: 56 Resp: 14838
Ion Ratio Lower Upper
56 100
55 77.7 55.1 82.7



#14
Allyl chloride
Concen: 43.445 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 41 Resp: 80304
Ion Ratio Lower Upper
41 100
39 79.1 55.5 83.3
76 53.9 39.1 58.7

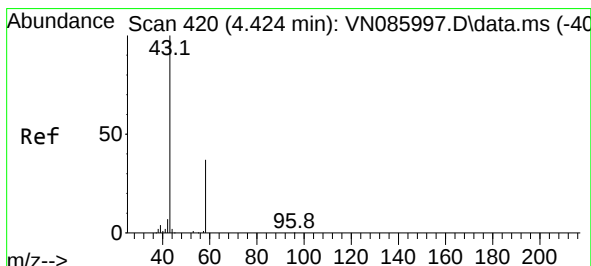
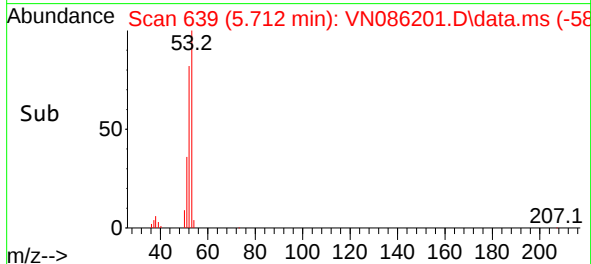
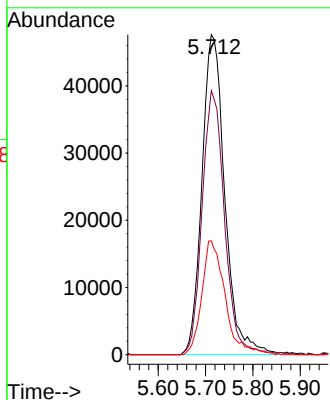
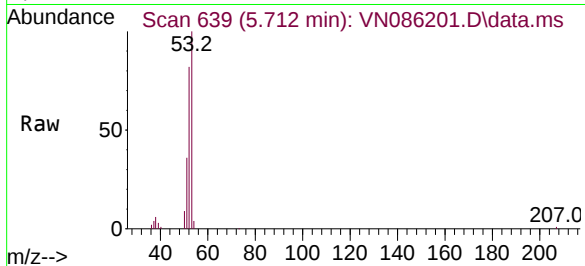




#15
Acrylonitrile
Concen: 215.874 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

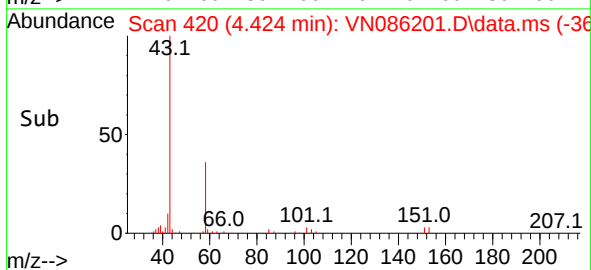
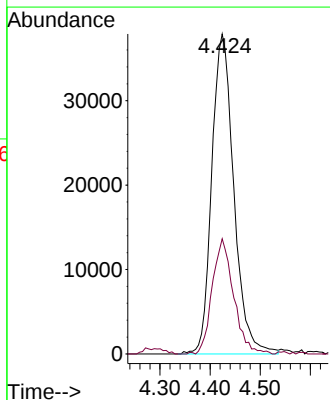
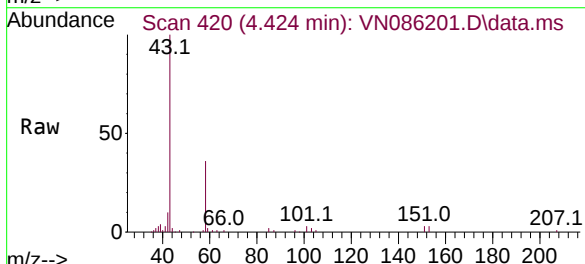
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

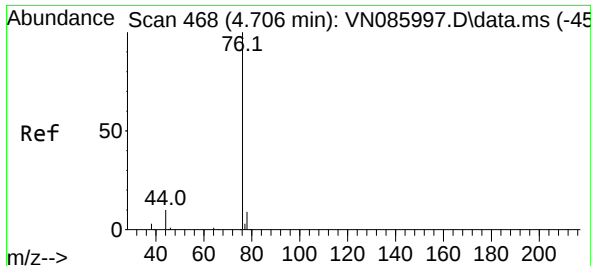
Tgt Ion: 53 Resp: 159852
Ion Ratio Lower Upper
53 100
52 80.7 63.9 95.9
51 36.3 27.1 40.7



#16
Acetone
Concen: 191.307 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 43 Resp: 115744
Ion Ratio Lower Upper
43 100
58 36.0 29.4 44.2

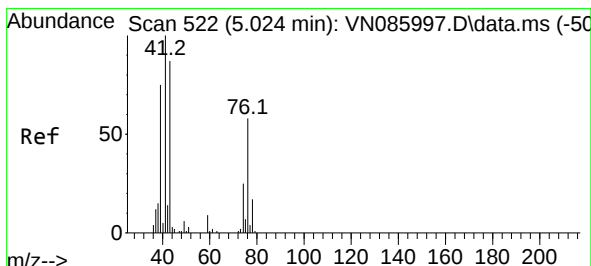
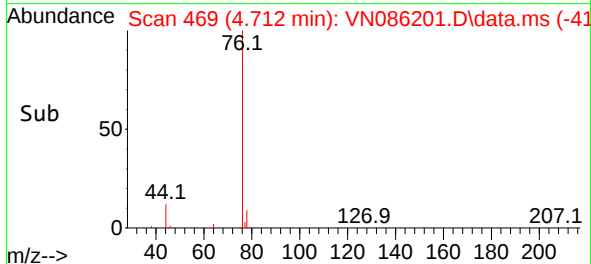
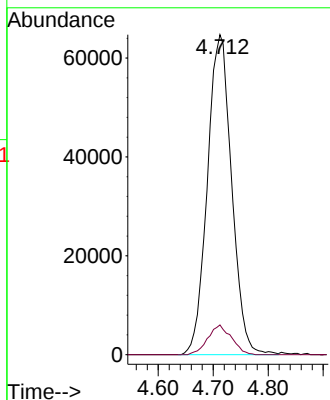
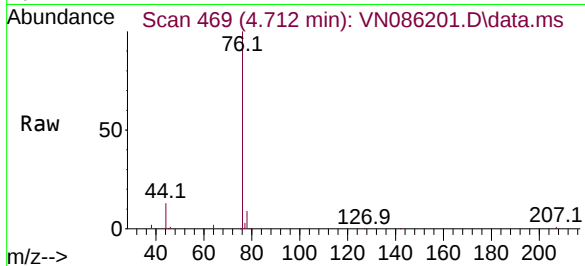




#17
Carbon Disulfide
Concen: 40.837 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

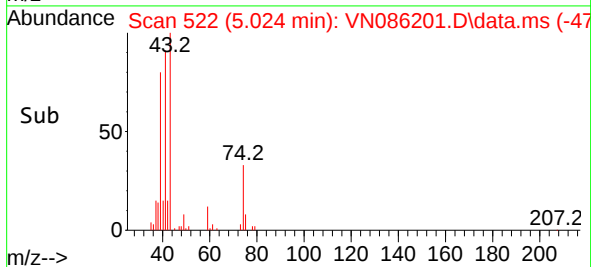
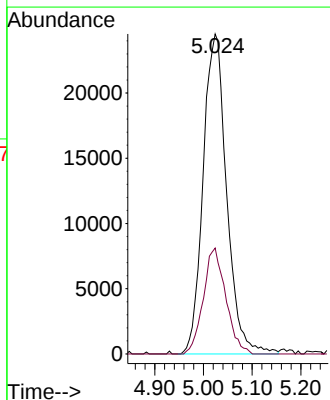
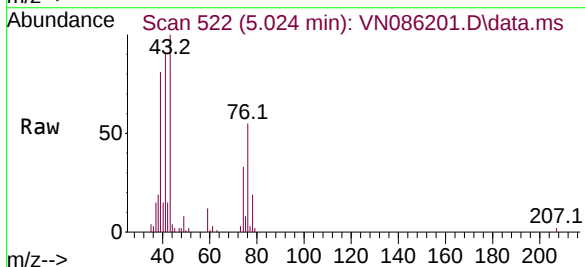
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

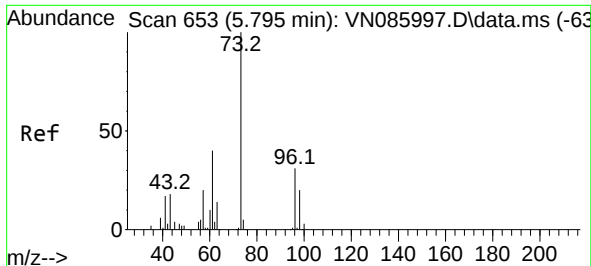
Tgt Ion: 76 Resp: 198987
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 54.972 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 43 Resp: 82289
Ion Ratio Lower Upper
43 100
74 31.6 23.9 35.9

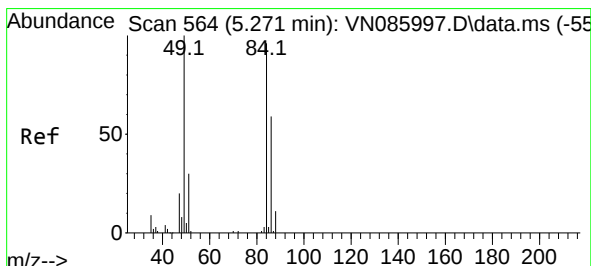
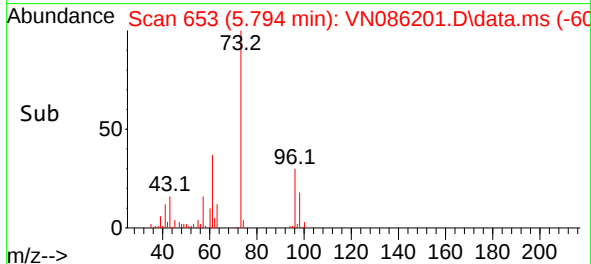
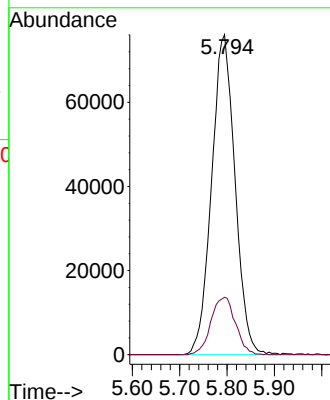
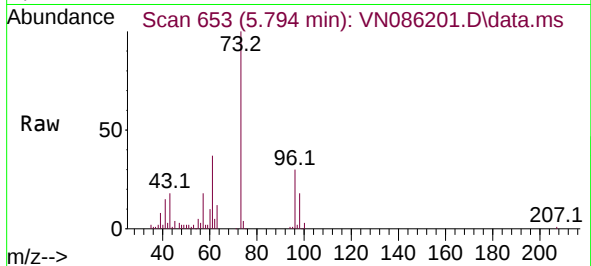




#19
Methyl tert-butyl Ether
Concen: 53.817 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

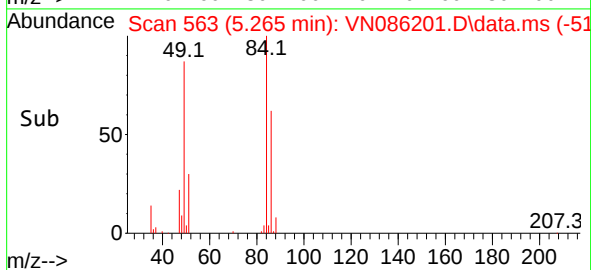
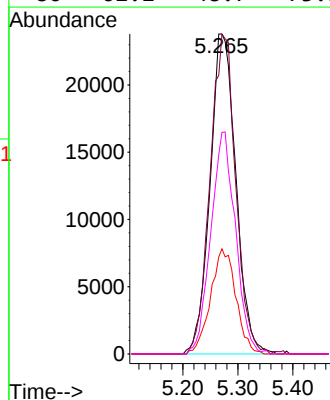
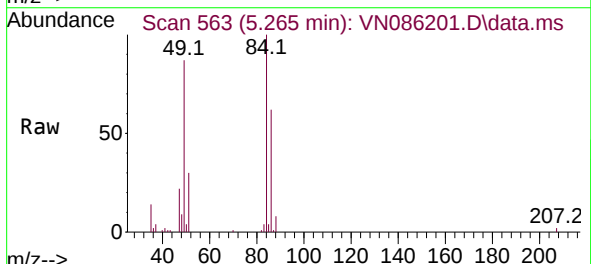
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

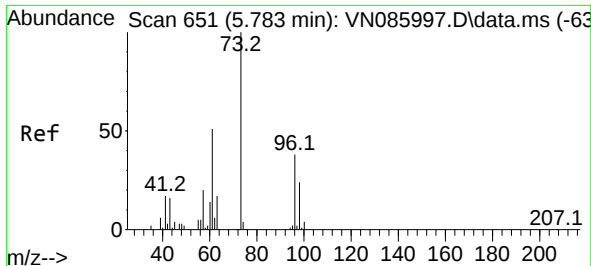
Tgt Ion: 73 Resp: 261289
Ion Ratio Lower Upper
73 100
57 18.0 16.1 24.1



#20
Methylene Chloride
Concen: 43.897 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 84 Resp: 77695
Ion Ratio Lower Upper
84 100
49 87.1 83.3 124.9
51 30.4 24.8 37.2
86 62.2 48.7 73.1

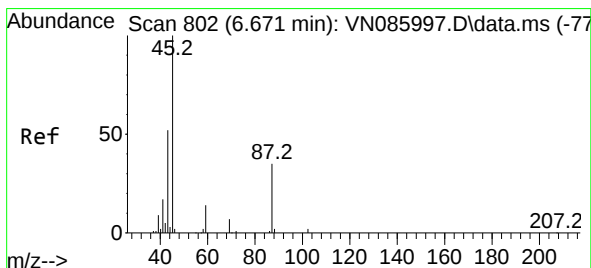
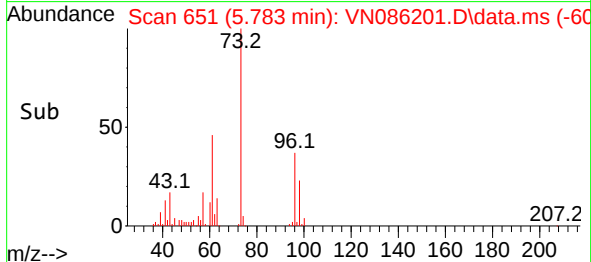
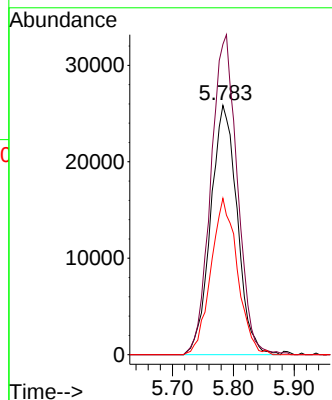
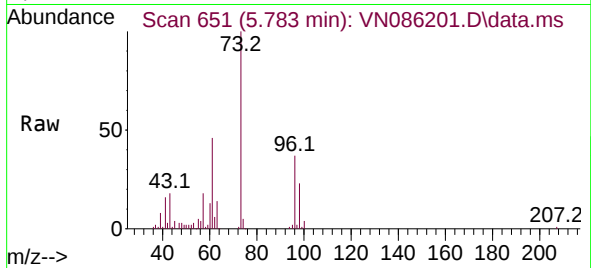




#21
trans-1,2-Dichloroethene
Concen: 48.329 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

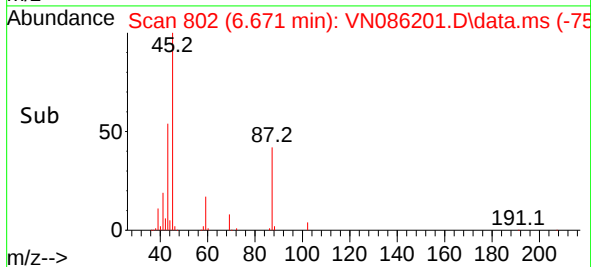
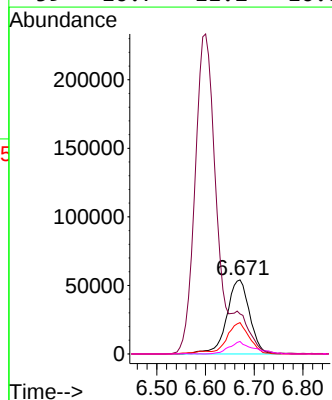
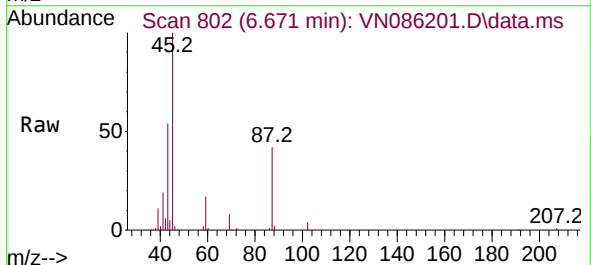
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

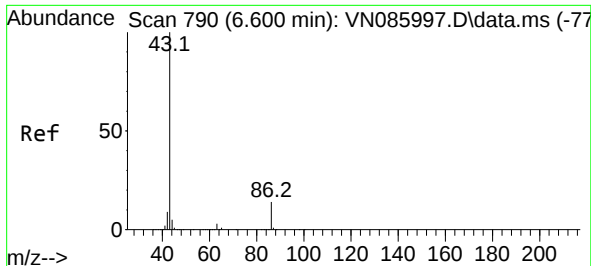
Tgt Ion: 96 Resp: 78254
Ion Ratio Lower Upper
96 100
61 124.5 106.6 160.0
98 62.7 50.0 75.0



#22
Diisopropyl ether
Concen: 44.623 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 45 Resp: 175769
Ion Ratio Lower Upper
45 100
43 52.8 41.2 61.8
87 42.2 28.5 42.7
59 16.7 11.2 16.8

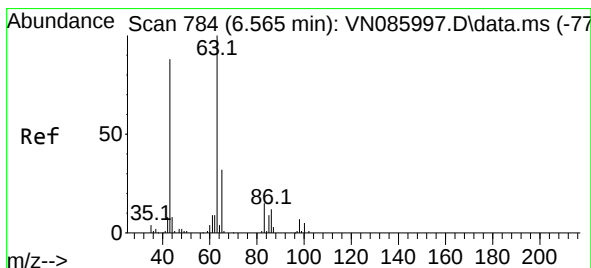
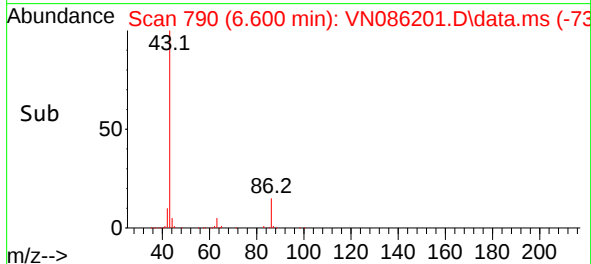
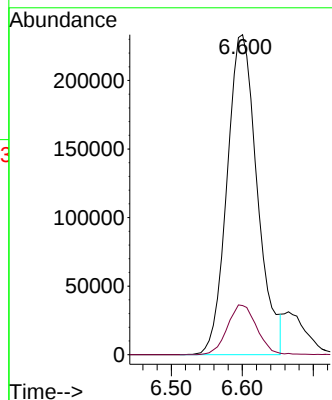
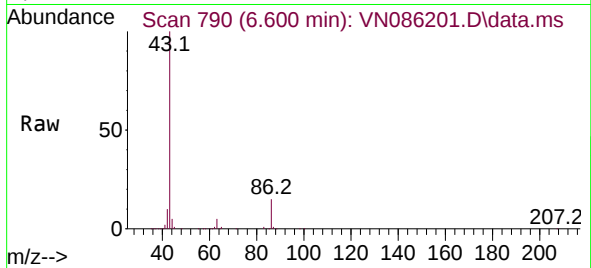




#23
 Vinyl Acetate
 Concen: 231.319 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

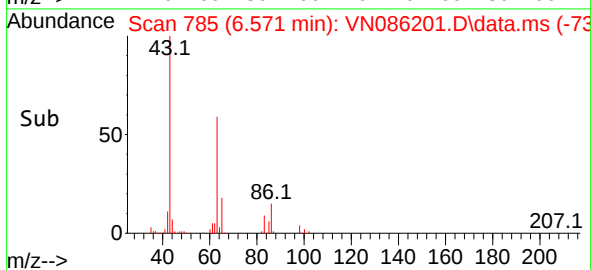
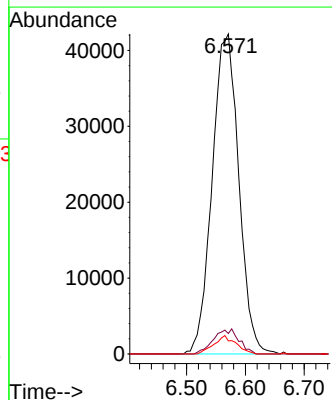
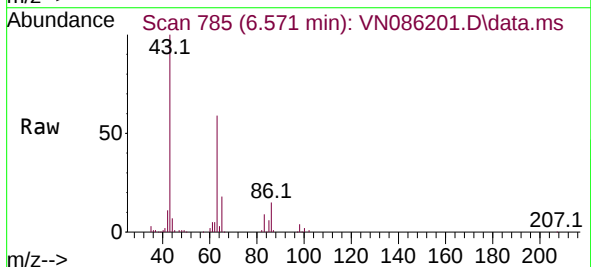
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

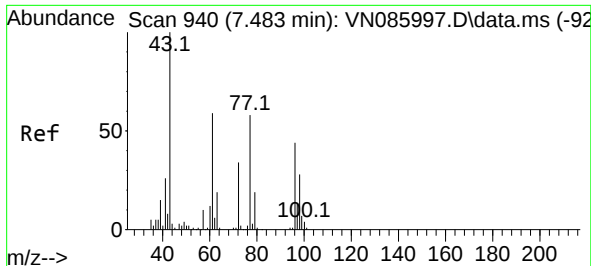
Tgt Ion: 43 Resp: 690715
 Ion Ratio Lower Upper
 43 100
 86 15.4 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 45.804 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Tgt Ion: 63 Resp: 132672
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.1 2.5 7.5

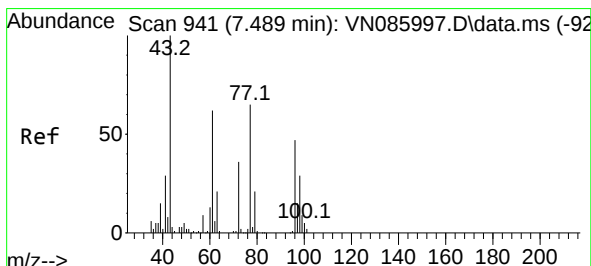
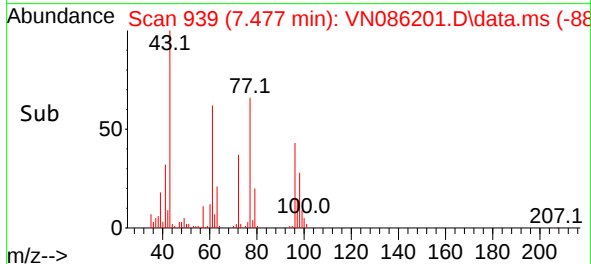
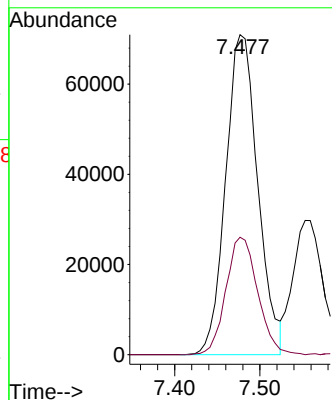
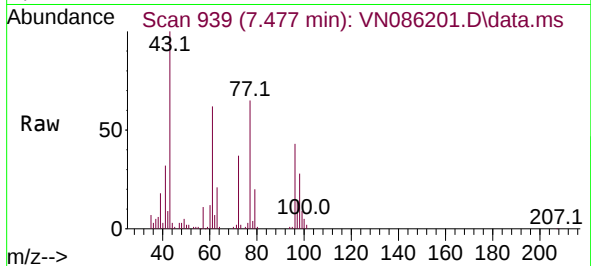




#25
2-Butanone
Concen: 212.763 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

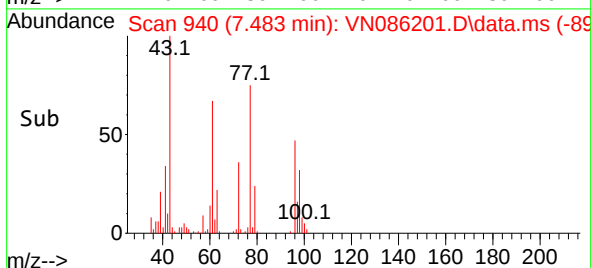
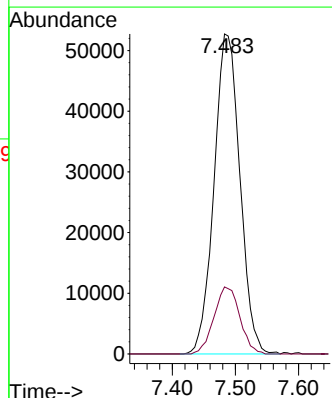
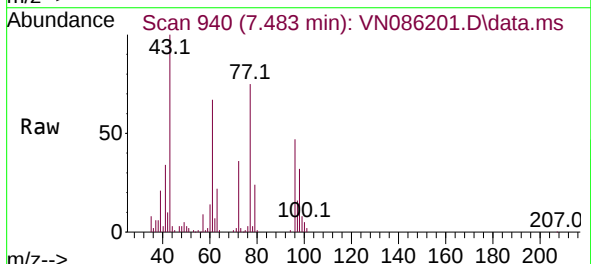
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

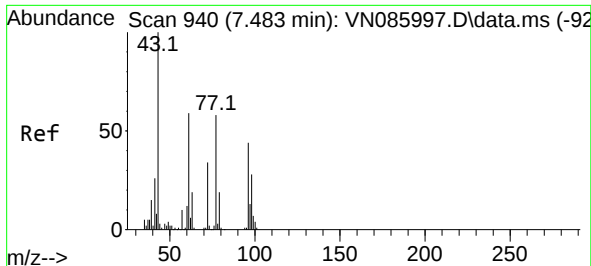
Tgt Ion: 43 Resp: 185743
Ion Ratio Lower Upper
43 100
72 36.7 27.4 41.0



#26
2,2-Dichloropropane
Concen: 53.769 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 77 Resp: 149943
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.5



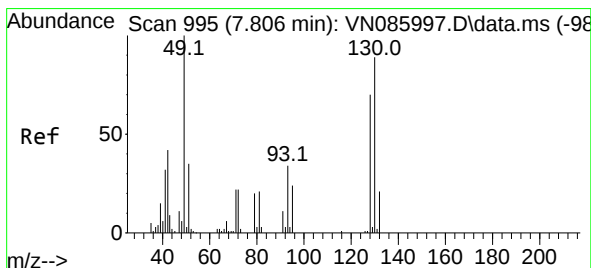
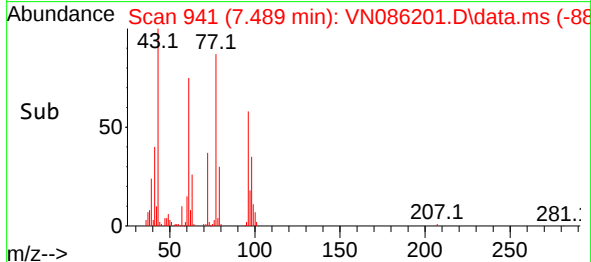
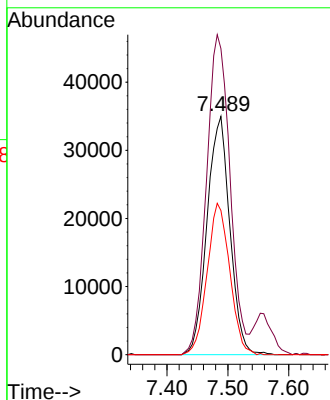
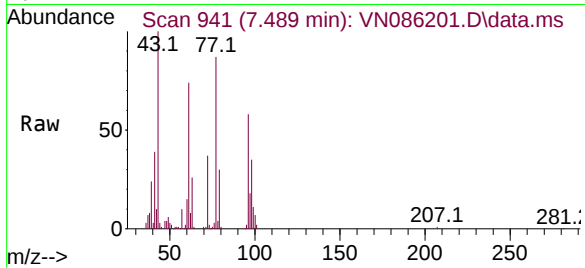


#27
 cis-1,2-Dichloroethene
 Concen: 49.462 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 91010

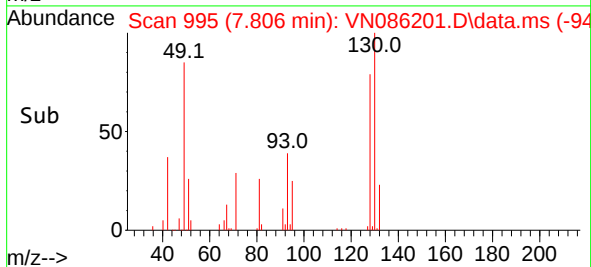
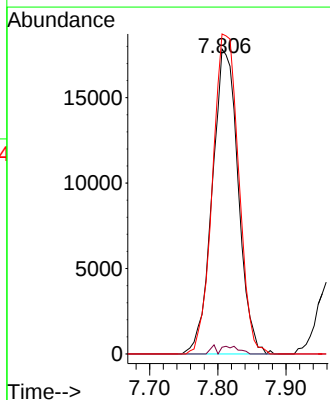
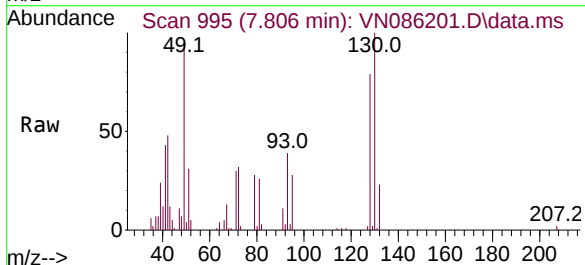
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	272.8
98	63.2	0.0	124.8

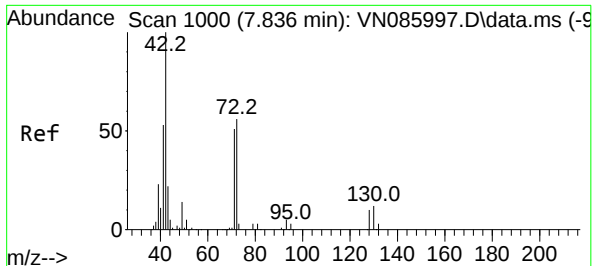


#28
 Bromochloromethane
 Concen: 38.512 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Tgt Ion: 49 Resp: 47262

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	105.3	74.2	111.4





#29

Tetrahydrofuran

Concen: 221.031 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

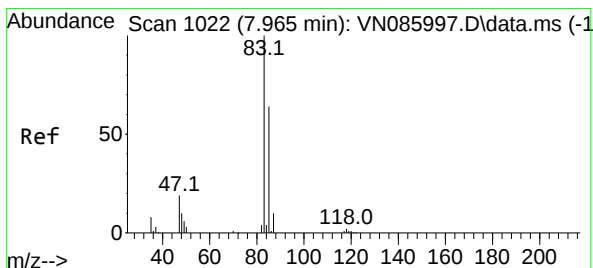
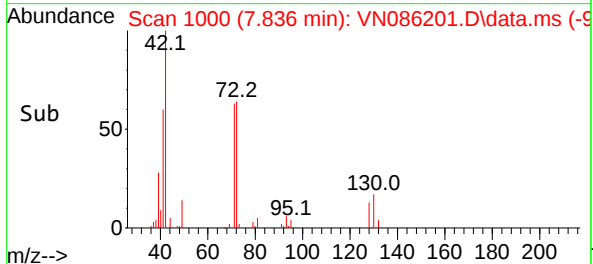
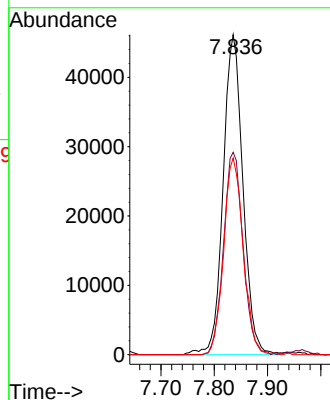
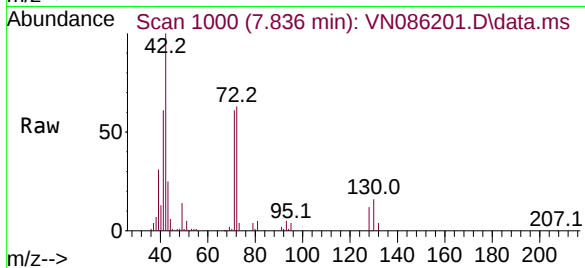
Tgt Ion: 42 Resp: 119127

Ion Ratio Lower Upper

42 100

72 62.3 45.0 67.4

71 60.7 41.9 62.9



#30

Chloroform

Concen: 48.868 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086201.D

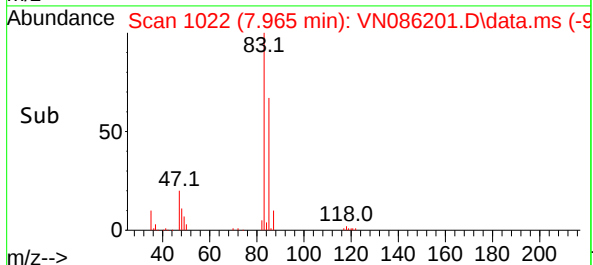
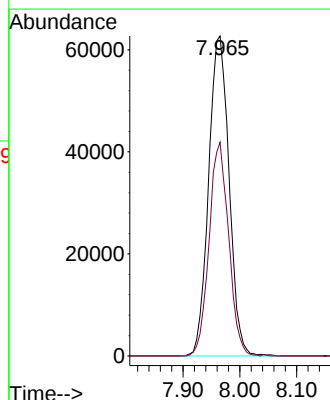
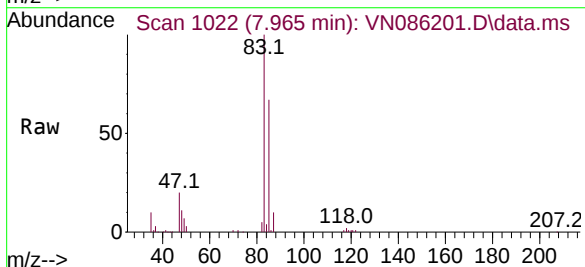
Acq: 02 Apr 2025 11:46

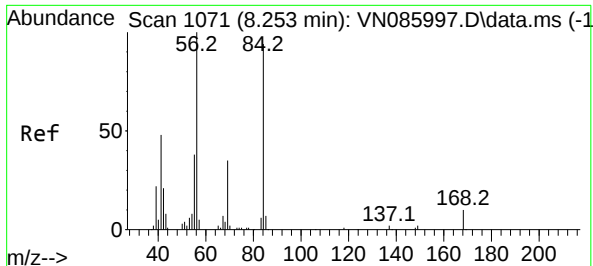
Tgt Ion: 83 Resp: 156456

Ion Ratio Lower Upper

83 100

85 66.8 51.5 77.3

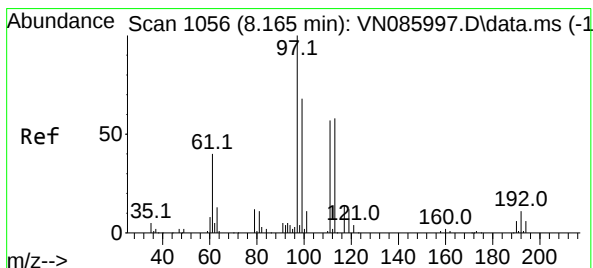
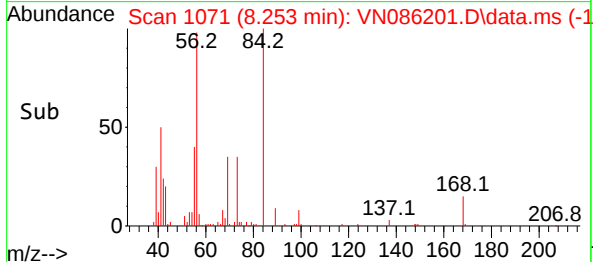
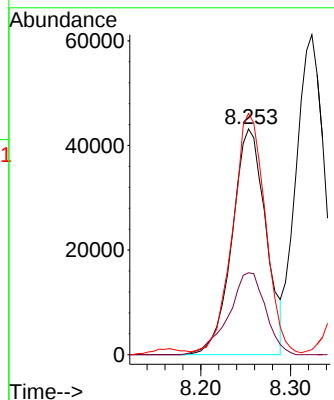
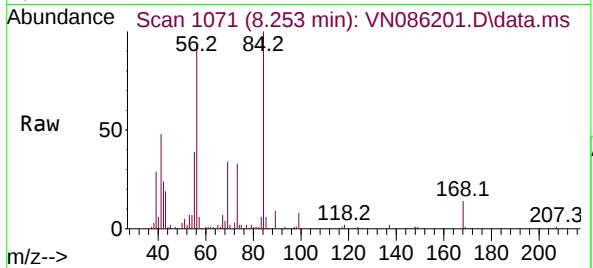




#31
Cyclohexane
Concen: 45.655 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

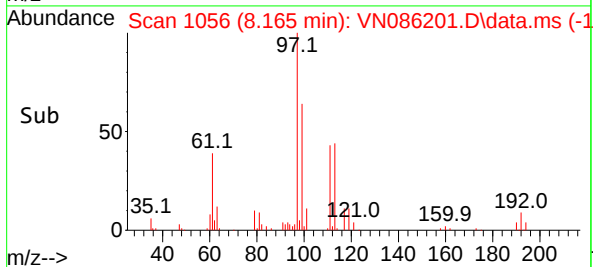
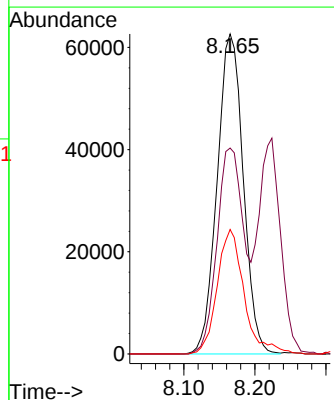
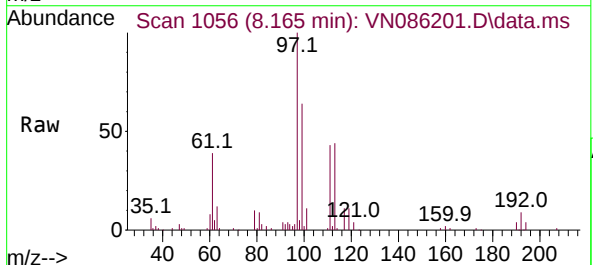
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

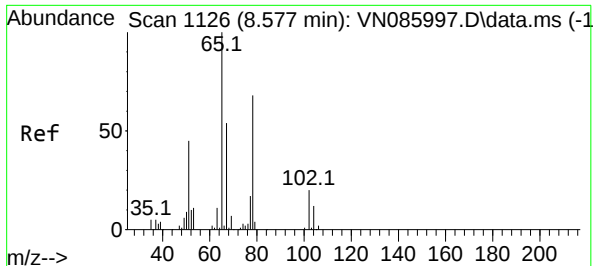
Tgt Ion: 56 Resp: 112656
Ion Ratio Lower Upper
56 100
69 36.3 28.0 42.0
84 105.1 75.0 112.6



#32
1,1,1-Trichloroethane
Concen: 52.726 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 97 Resp: 159793
Ion Ratio Lower Upper
97 100
99 66.5 52.8 79.2
61 40.1 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 45.868 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

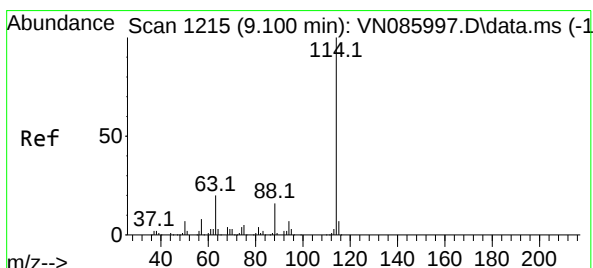
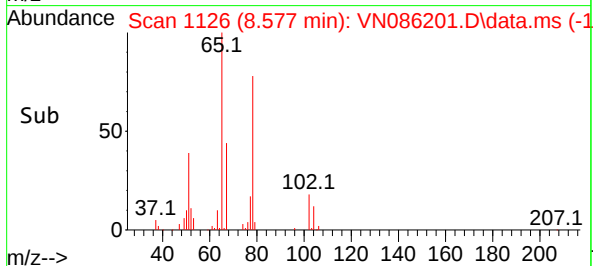
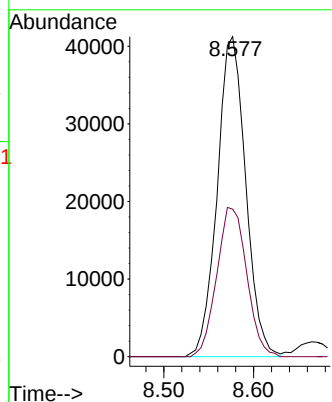
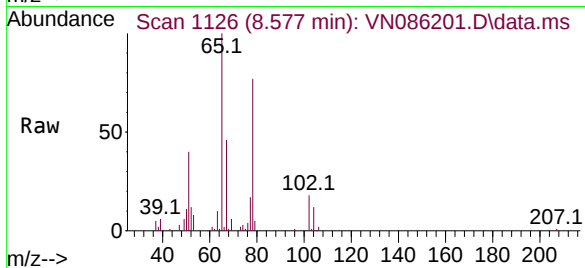
VSTDCCC050

Tgt Ion: 65 Resp: 90834

Ion Ratio Lower Upper

65 100

67 49.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

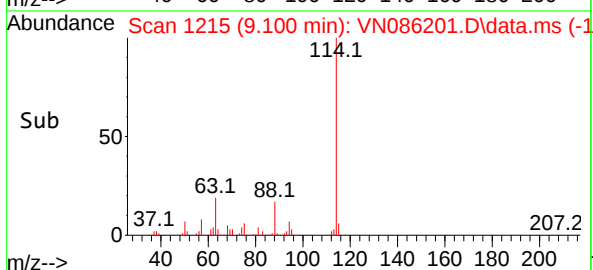
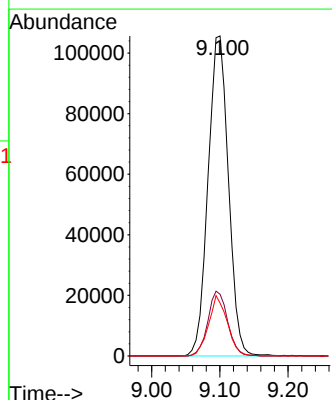
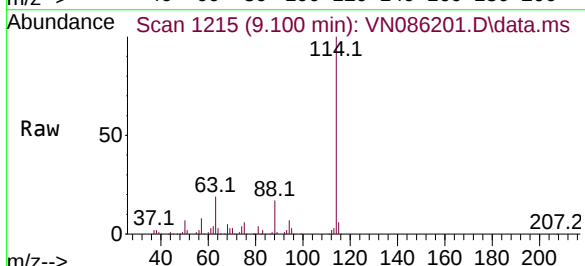
Tgt Ion: 114 Resp: 219576

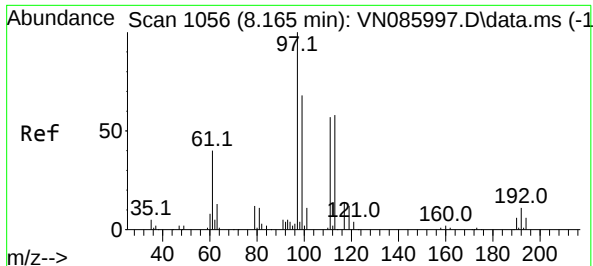
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.6 0.0 32.6

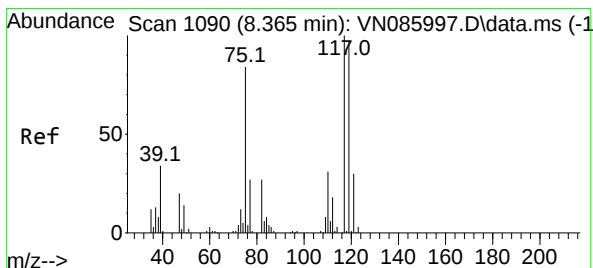
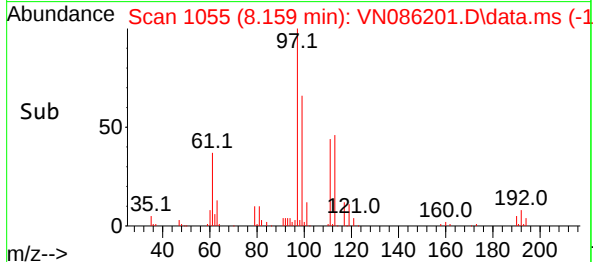
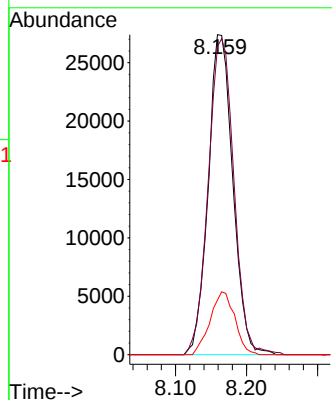
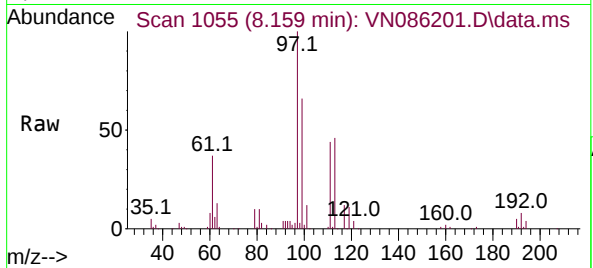




#35
Dibromofluoromethane
Concen: 43.133 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

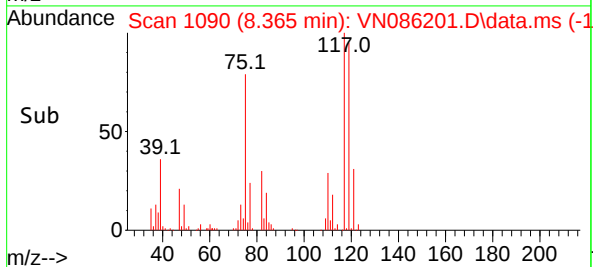
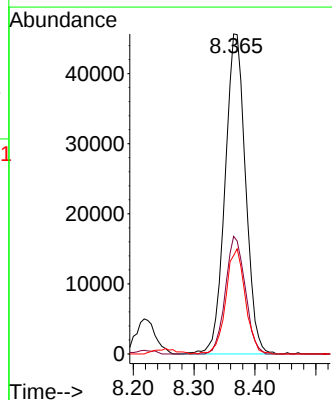
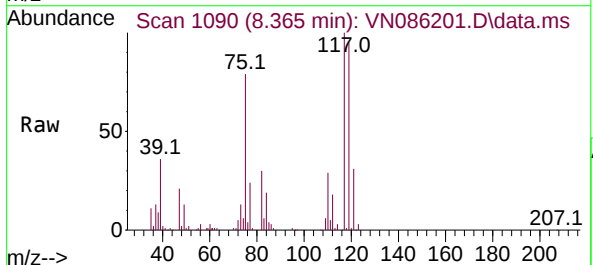
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

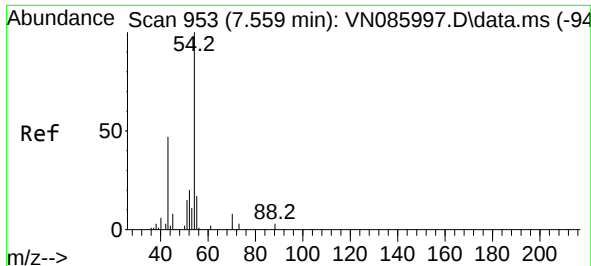
Tgt Ion:113 Resp: 66106
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.985 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 75 Resp: 106928
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 31.3 25.0 37.4

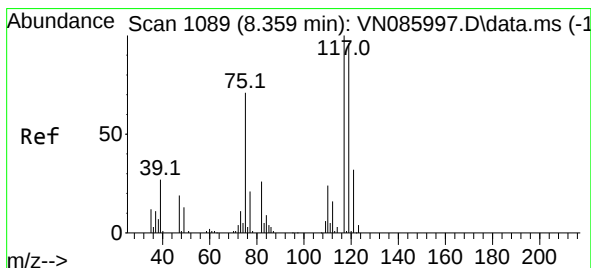
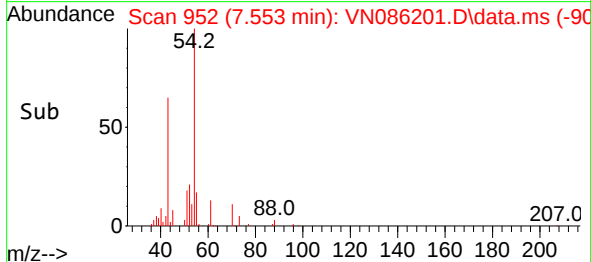
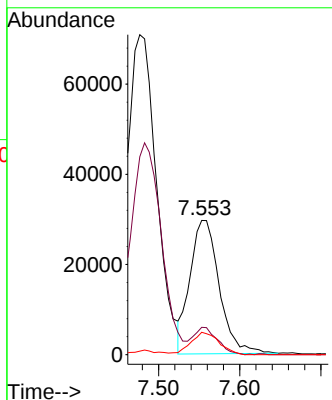
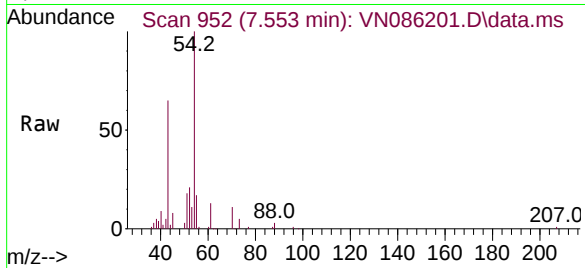




#37
Ethyl Acetate
Concen: 43.574 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

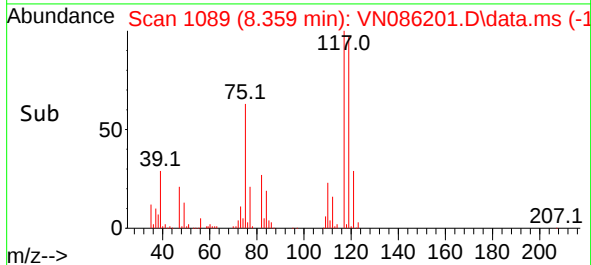
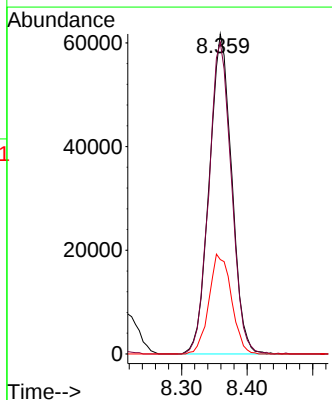
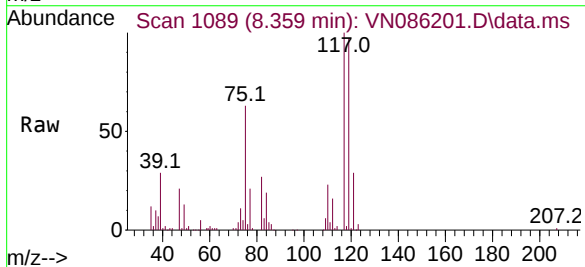
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

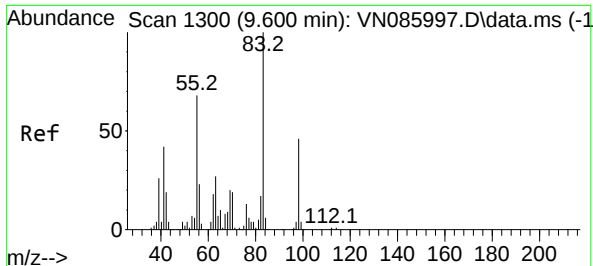
Tgt Ion: 43 Resp: 74186
Ion Ratio Lower Upper
43 100
61 16.5 13.0 19.4
70 16.2 11.0 16.6



#38
Carbon Tetrachloride
Concen: 55.270 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 117 Resp: 146655
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4
121 29.5 25.6 38.4





#39

Methylcyclohexane

Concen: 58.830 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

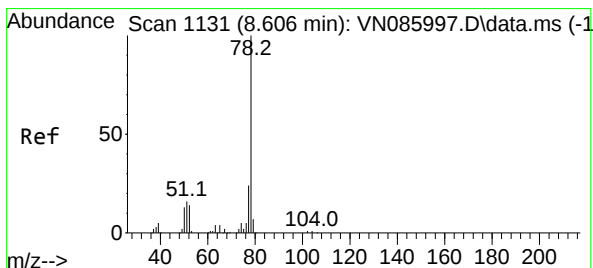
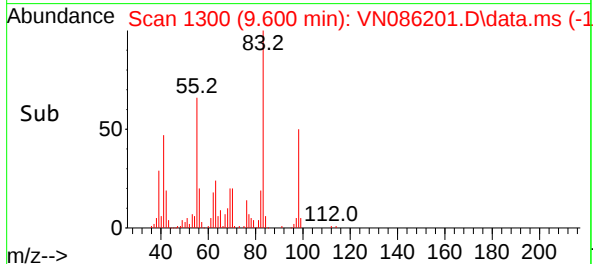
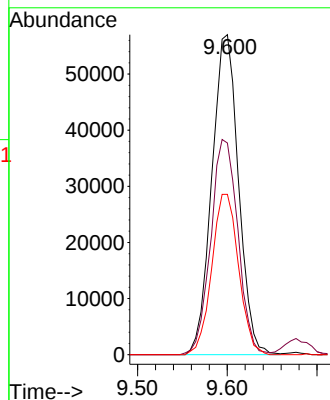
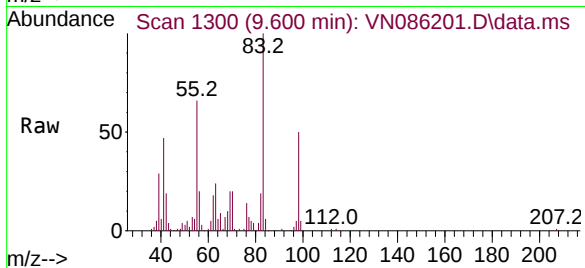
Tgt Ion: 83 Resp: 117789

Ion Ratio Lower Upper

83 100

55 66.1 54.2 81.2

98 50.1 37.1 55.7



#40

Benzene

Concen: 50.460 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086201.D

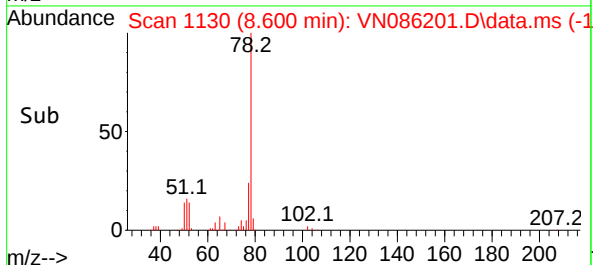
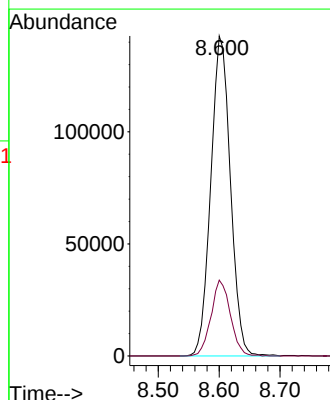
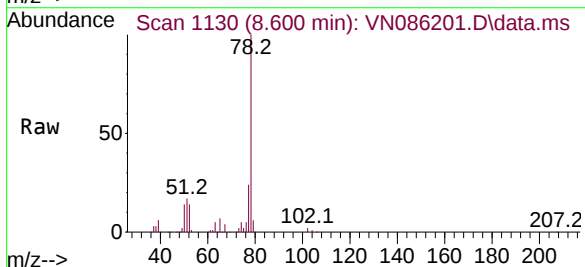
Acq: 02 Apr 2025 11:46

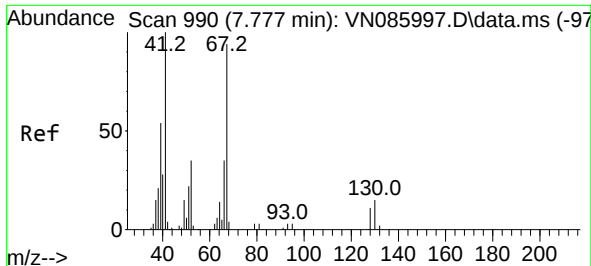
Tgt Ion: 78 Resp: 319676

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3

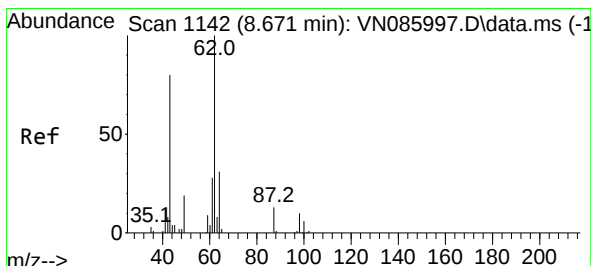
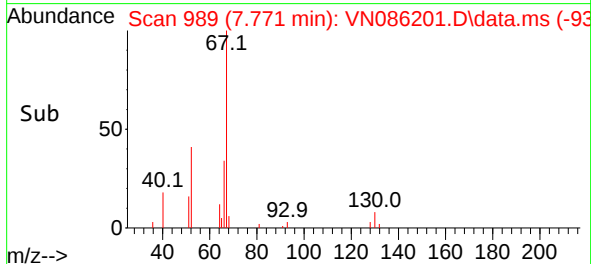
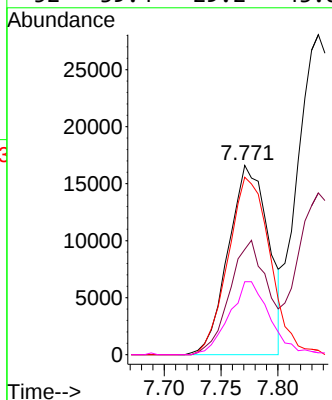
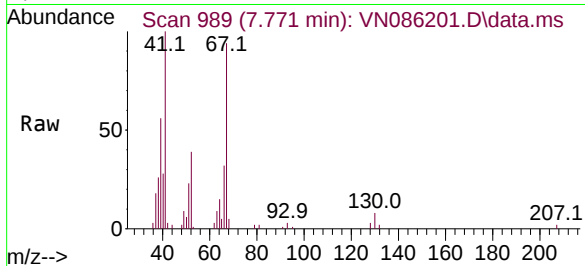




#41
Methacrylonitrile
Concen: 50.279 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

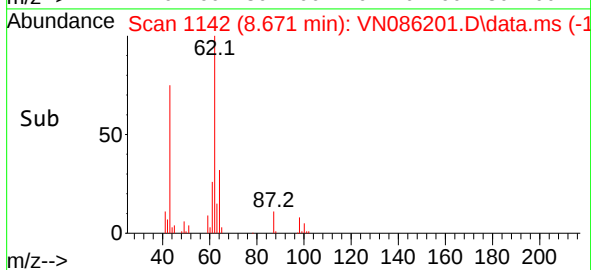
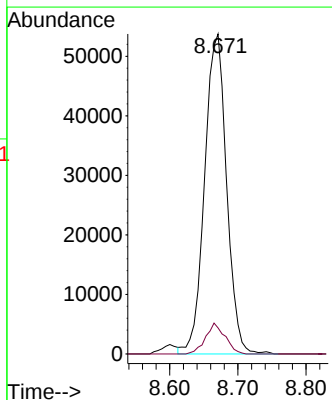
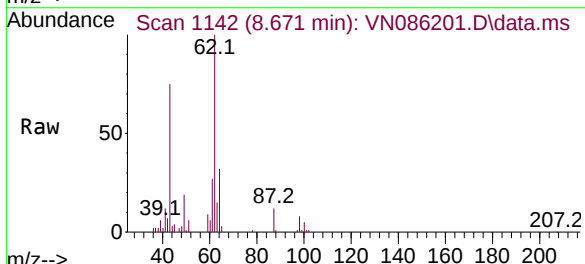
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

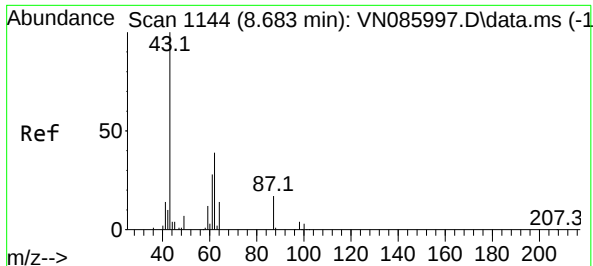
Tgt Ion:	41	Resp:	40875
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.2	69.2
67	98.2	75.9	113.9
52	39.4	29.2	43.8



#42
1,2-Dichloroethane
Concen: 54.694 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:	62	Resp:	120735
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.6

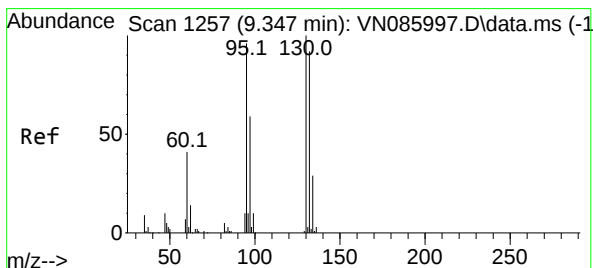
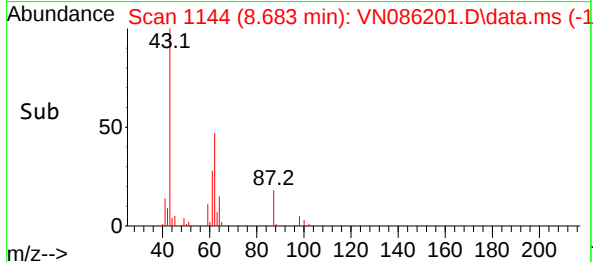
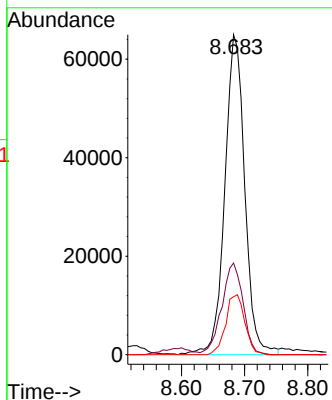
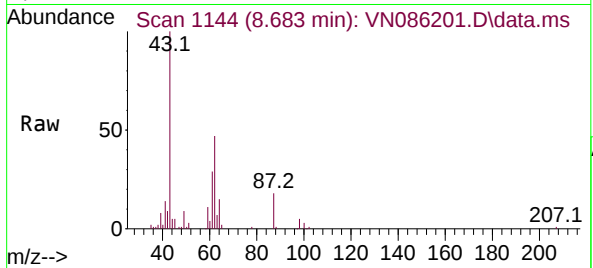




#43
Isopropyl Acetate
Concen: 38.704 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

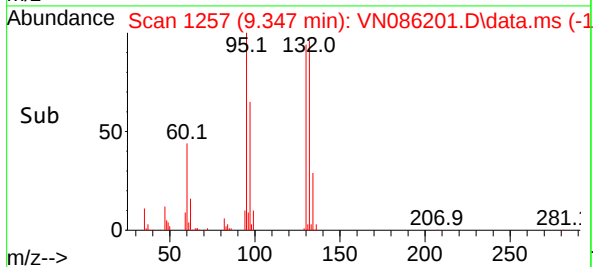
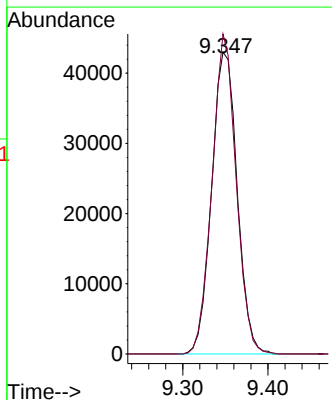
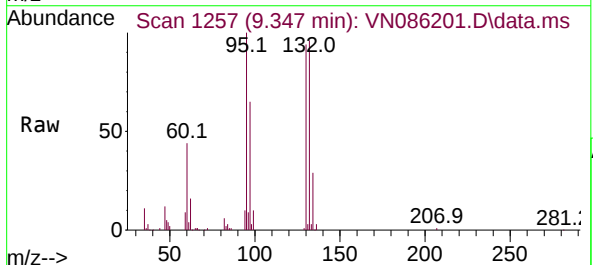
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

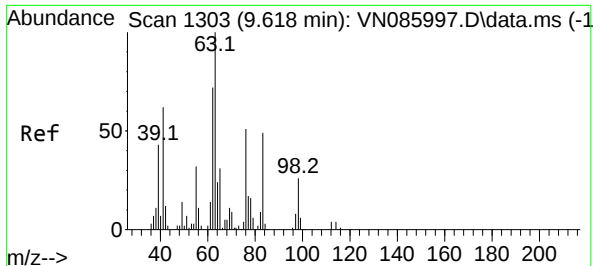
Tgt Ion: 43 Resp: 142790
Ion Ratio Lower Upper
43 100
61 30.5 25.0 37.6
87 18.0 13.0 19.4



#44
Trichloroethene
Concen: 54.572 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:130 Resp: 89604
Ion Ratio Lower Upper
130 100
95 106.0 0.0 191.6





#45

1,2-Dichloropropane

Concen: 47.876 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

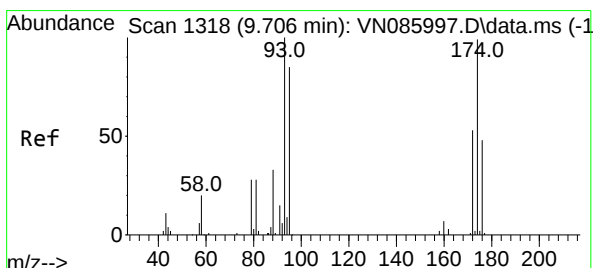
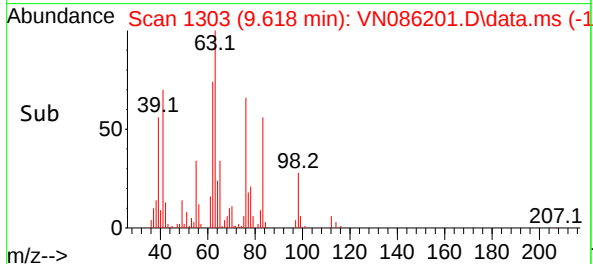
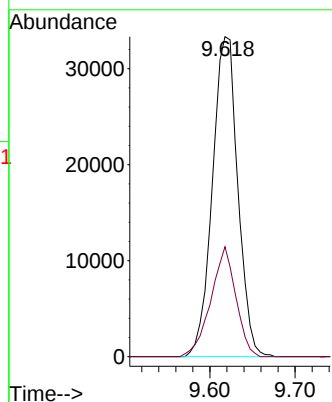
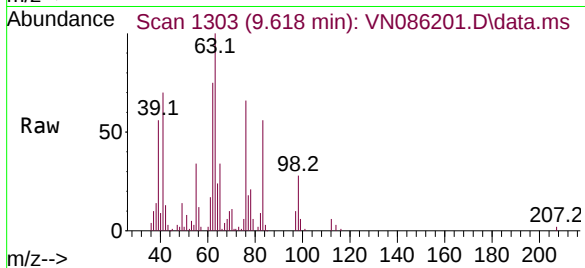
VSTDCCC050

Tgt Ion: 63 Resp: 68985

Ion Ratio Lower Upper

63 100

65 34.3 24.7 37.1



#46

Dibromomethane

Concen: 52.091 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

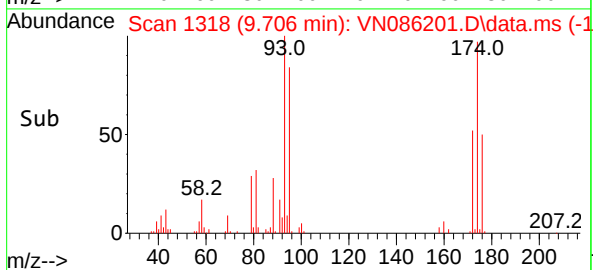
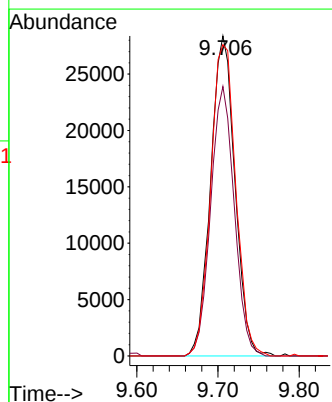
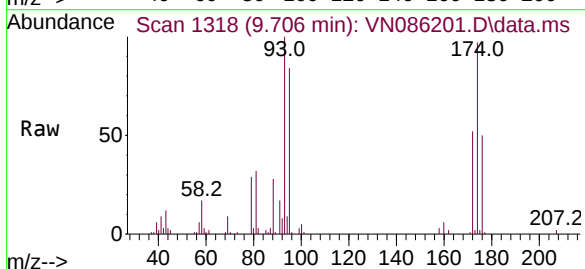
Tgt Ion: 93 Resp: 59028

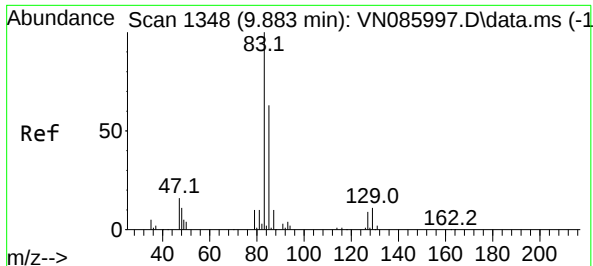
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 100.5 80.1 120.1

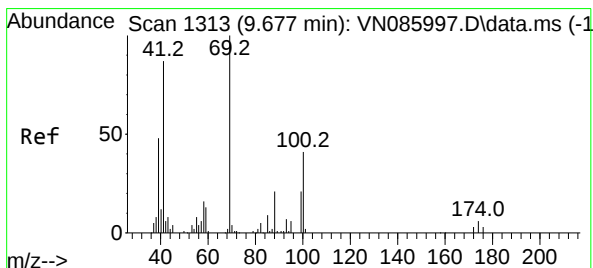
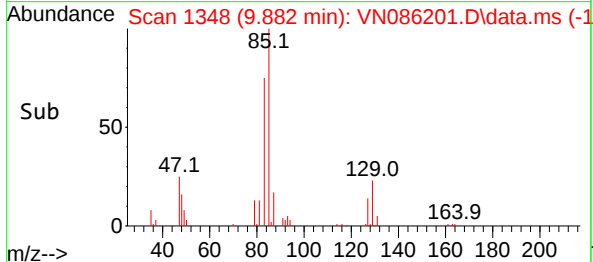
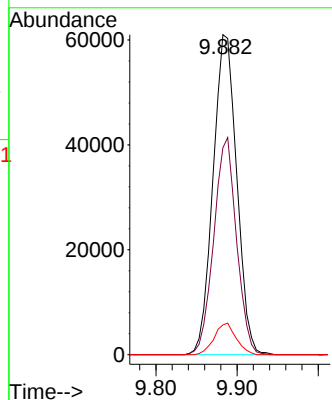
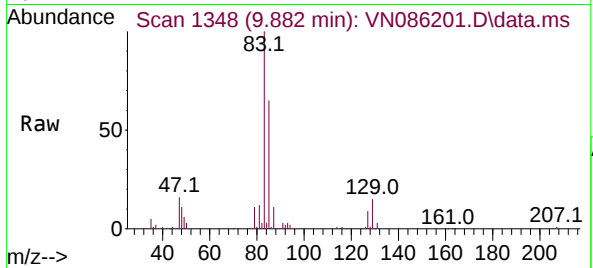




#47
Bromodichloromethane
Concen: 52.324 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

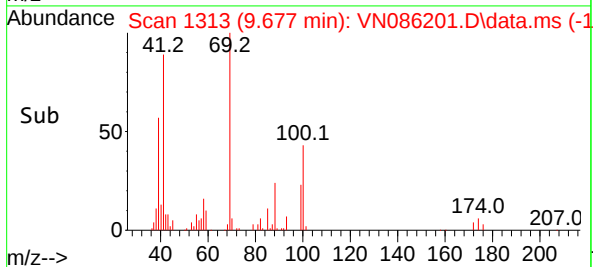
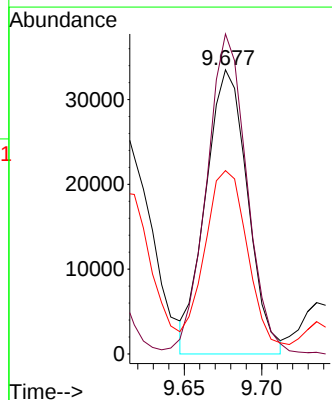
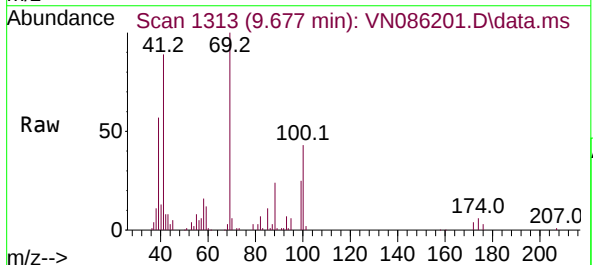
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

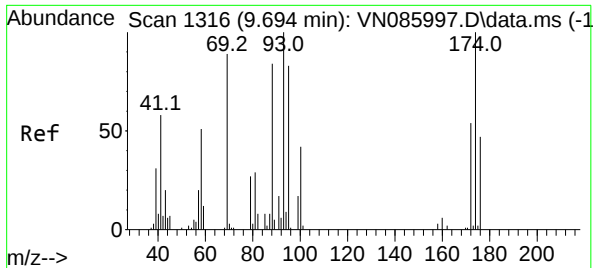
Tgt Ion: 83 Resp: 123918
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.2
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 51.834 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 41 Resp: 63104
Ion Ratio Lower Upper
41 100
69 108.8 83.1 124.7
39 67.8 45.6 68.4





#49

1,4-Dioxane

Concen: 1145.504 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

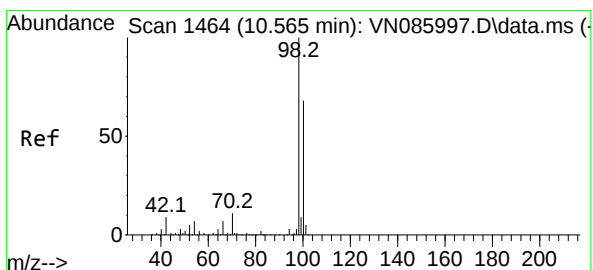
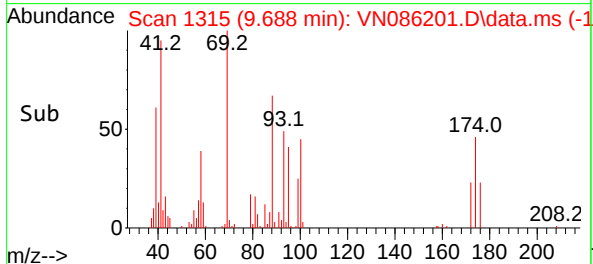
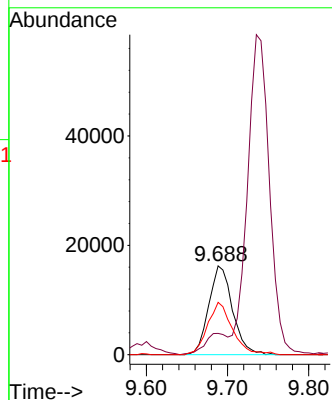
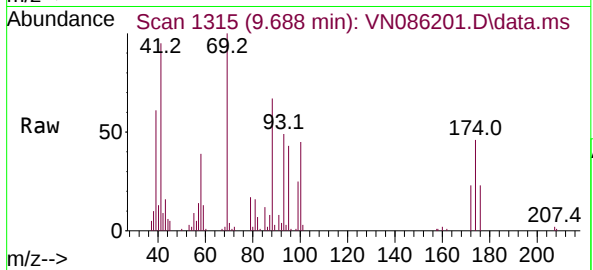
Tgt Ion: 88 Resp: 32967

Ion Ratio Lower Upper

88 100

43 22.8 21.7 32.5

58 62.1 50.4 75.6



#50

Toluene-d8

Concen: 45.883 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086201.D

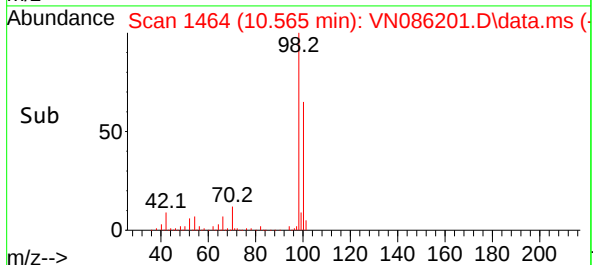
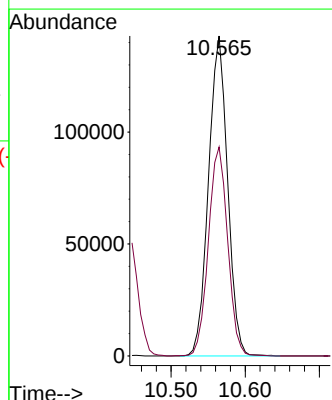
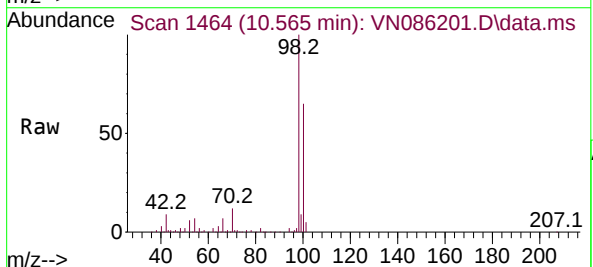
Acq: 02 Apr 2025 11:46

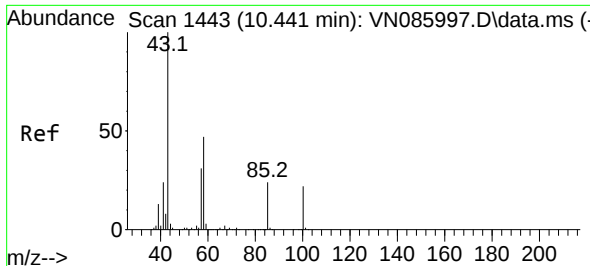
Tgt Ion: 98 Resp: 255215

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

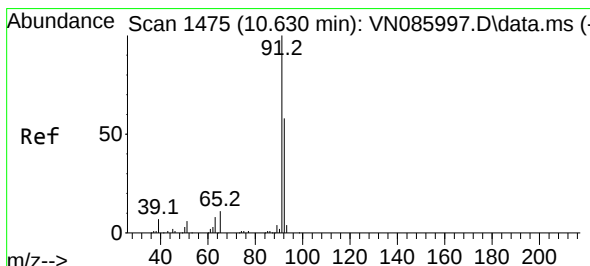
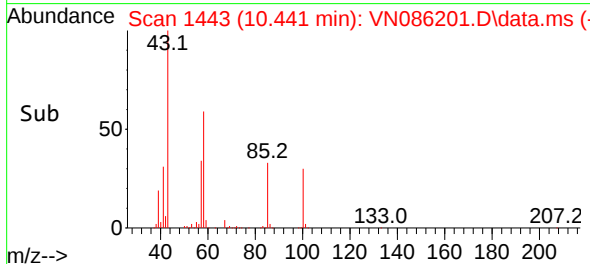
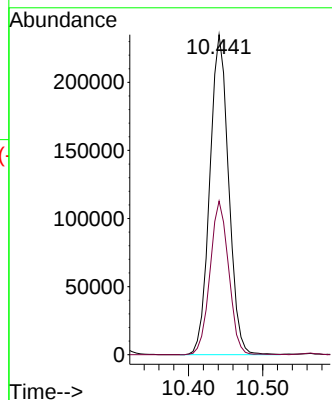
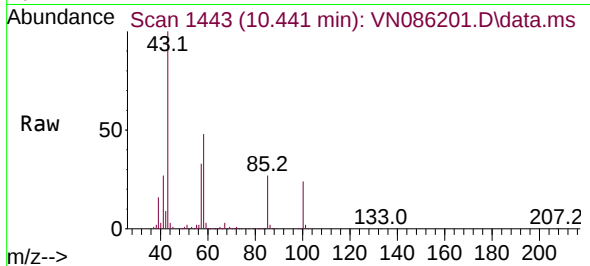




#51
4-Methyl-2-Pentanone
Concen: 254.961 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

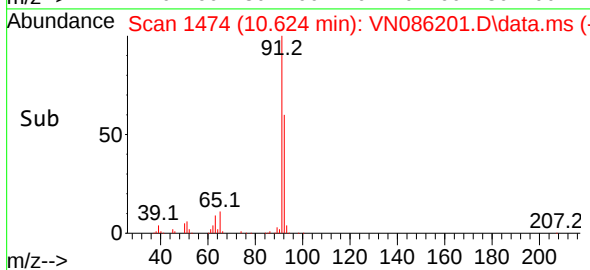
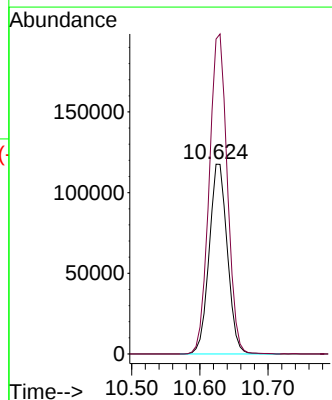
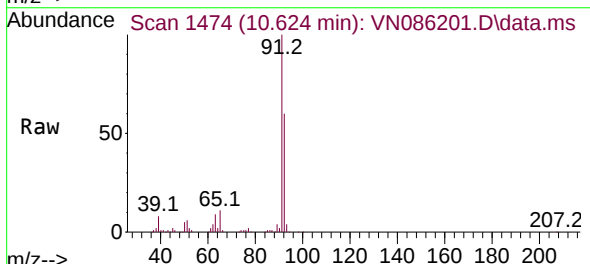
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

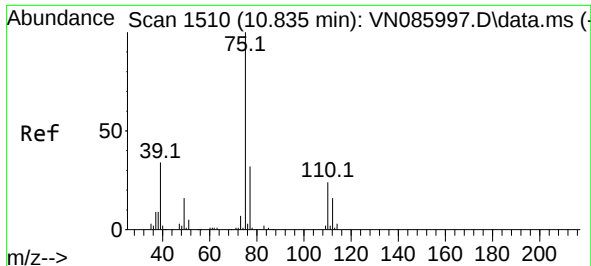
Tgt Ion: 43 Resp: 414837
Ion Ratio Lower Upper
43 100
58 47.5 37.4 56.0



#52
Toluene
Concen: 56.112 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 92 Resp: 218177
Ion Ratio Lower Upper
92 100
91 168.1 136.2 204.4

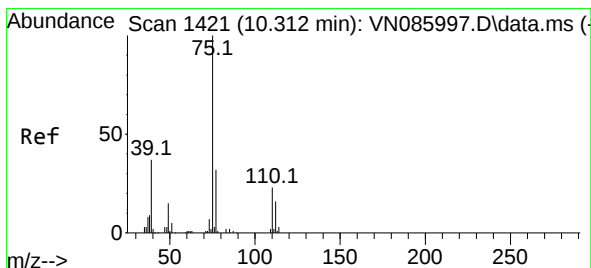
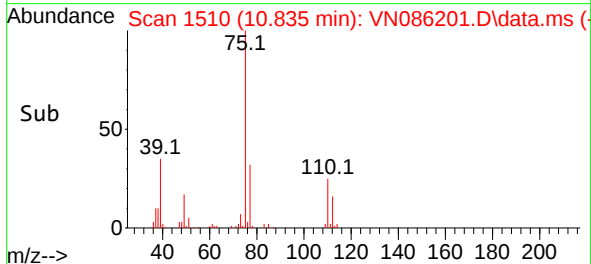
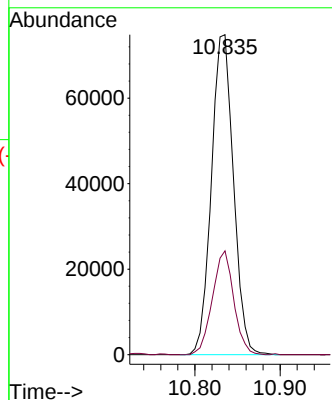
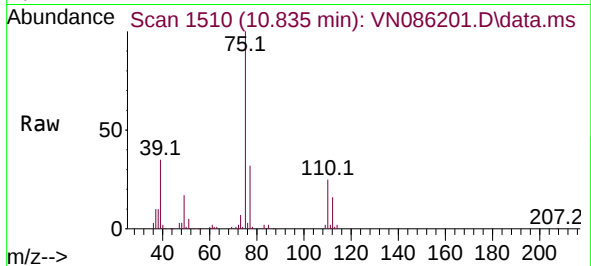




#53
 t-1,3-Dichloropropene
 Concen: 58.473 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

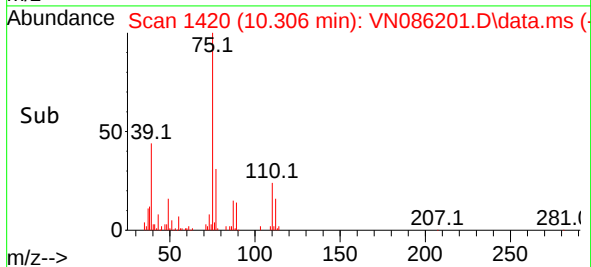
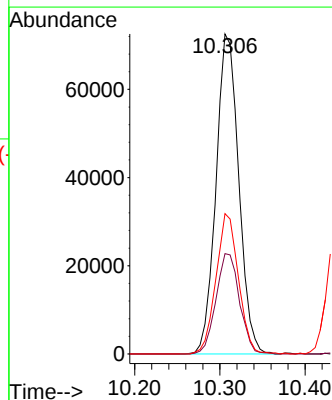
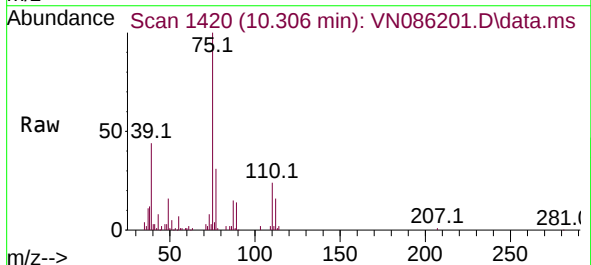
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

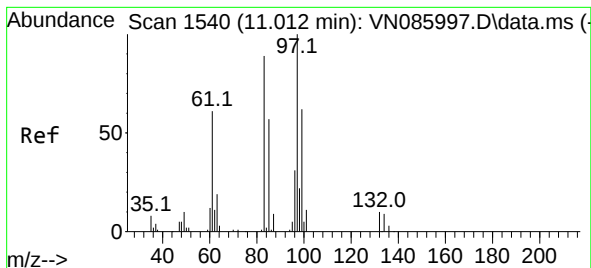
Tgt Ion: 75 Resp: 134487
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 55.502 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Tgt Ion: 75 Resp: 134684
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 43.8 29.6 44.4

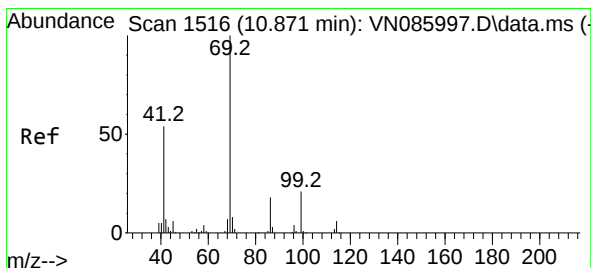
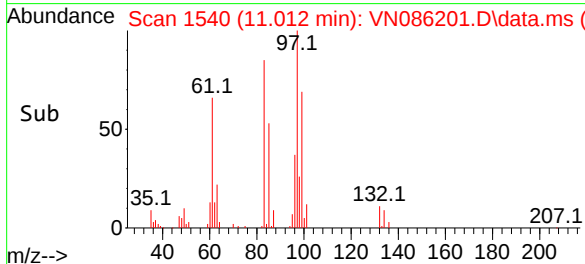
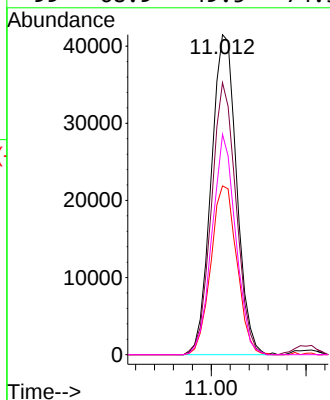
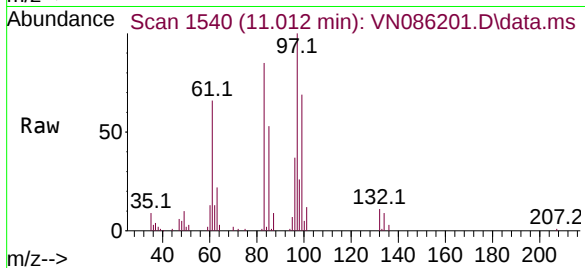




#55
1,1,2-Trichloroethane
Concen: 52.181 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

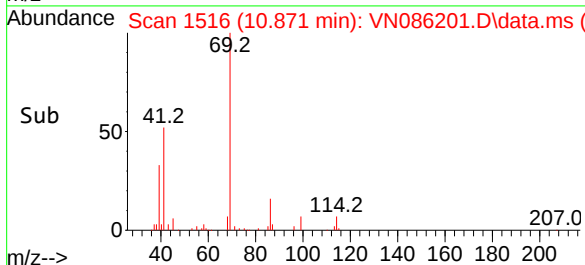
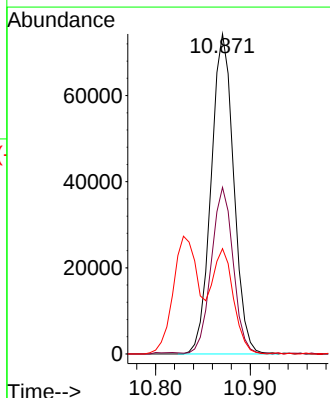
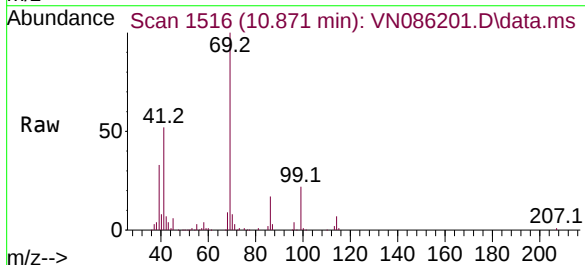
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

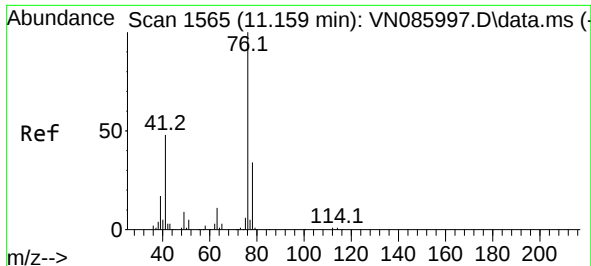
Tgt Ion: 97	Resp: 77439
Ion Ratio	Lower Upper
97 100	
83 85.0	71.2 106.8
85 52.8	45.4 68.0
99 68.9	49.5 74.3



#56
Ethyl methacrylate
Concen: 52.561 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 69	Resp: 122936
Ion Ratio	Lower Upper
69 100	
41 50.7	41.6 62.4
39 30.6	21.8 32.8





#57

1,3-Dichloropropane

Concen: 51.909 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

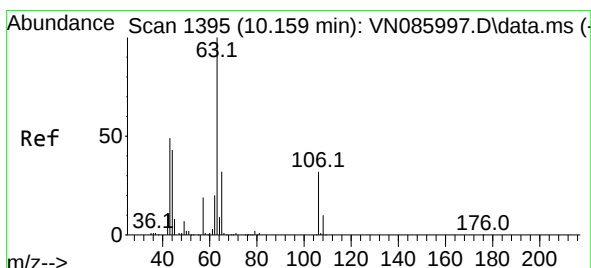
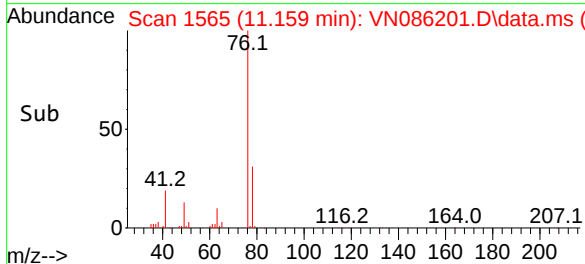
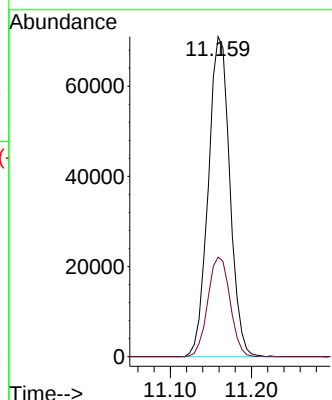
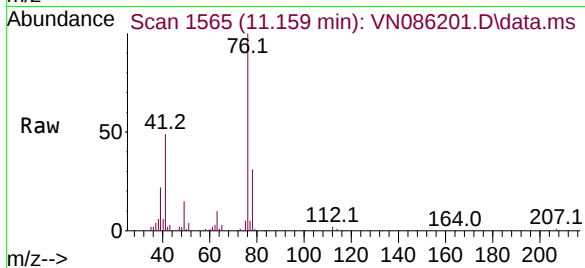
VSTDCCC050

Tgt Ion: 76 Resp: 130844

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 331.447 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086201.D

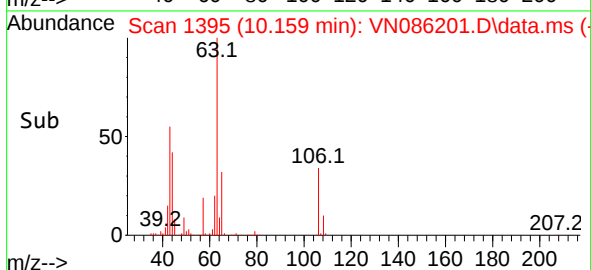
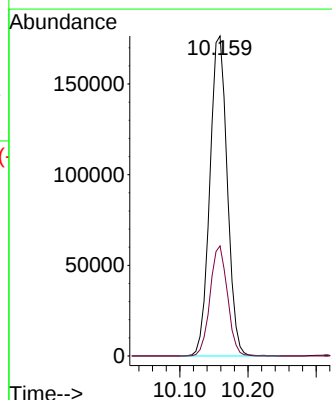
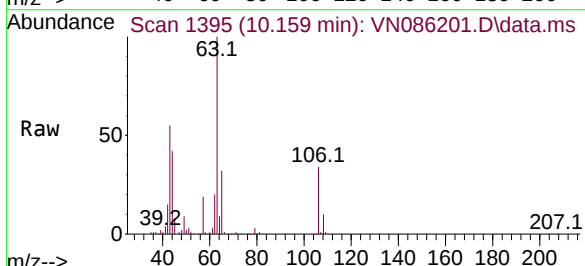
Acq: 02 Apr 2025 11:46

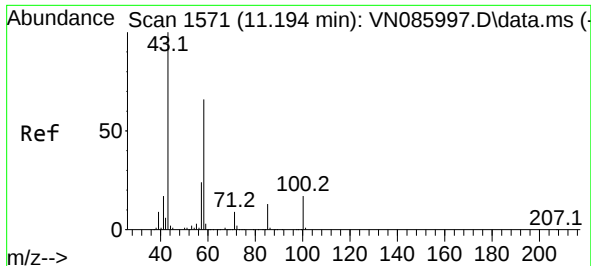
Tgt Ion: 63 Resp: 313595

Ion Ratio Lower Upper

63 100

106 34.2 25.0 37.6

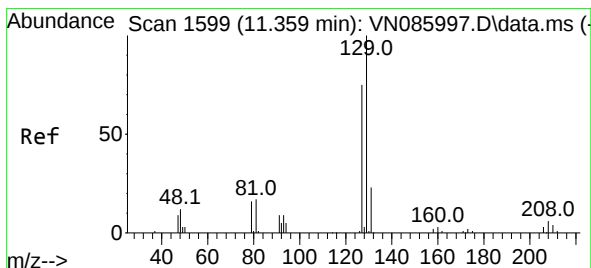
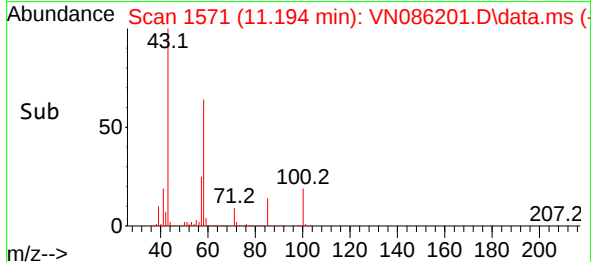
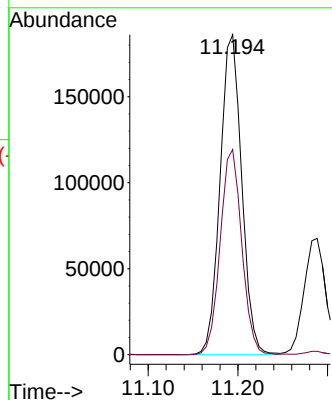
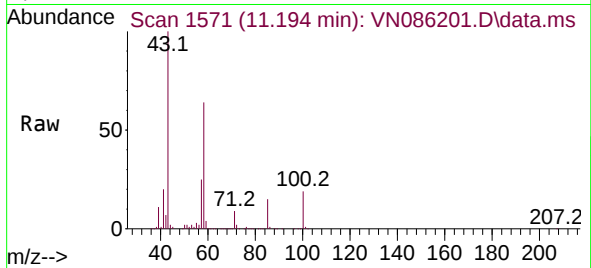




#59
2-Hexanone
Concen: 262.745 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

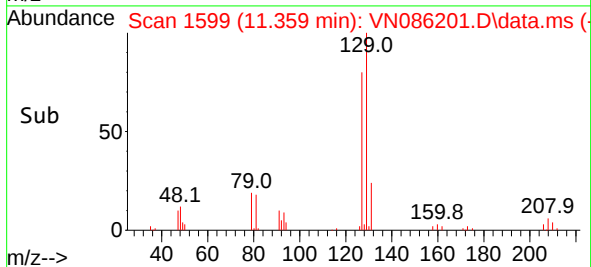
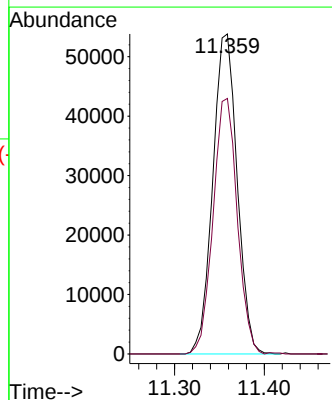
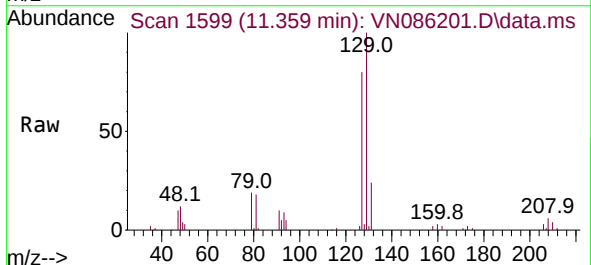
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

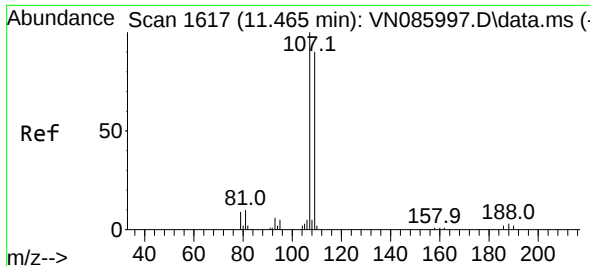
Tgt Ion: 43 Resp: 311432
Ion Ratio Lower Upper
43 100
58 63.9 32.4 97.2



#60
Dibromochloromethane
Concen: 53.048 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 129 Resp: 101587
Ion Ratio Lower Upper
129 100
127 79.2 37.8 113.4

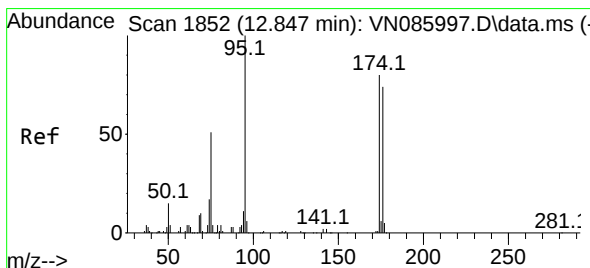
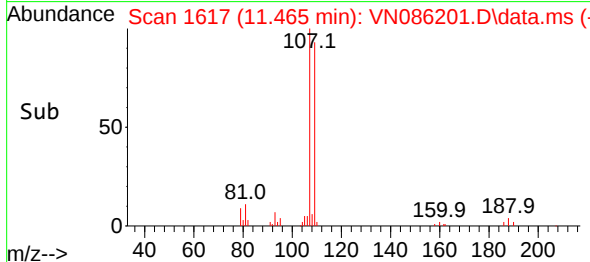
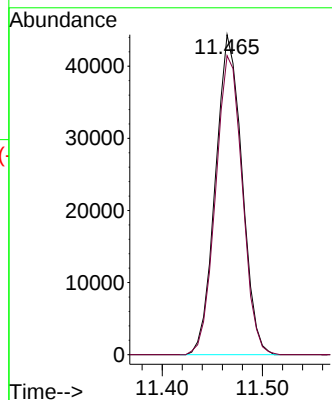
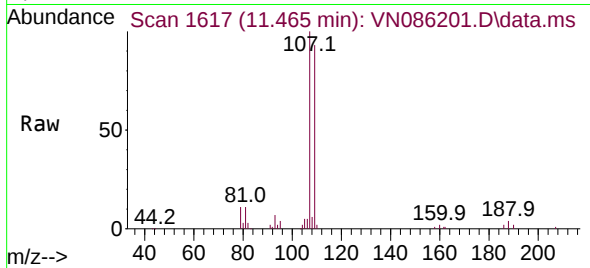




#61
1,2-Dibromoethane
Concen: 53.532 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

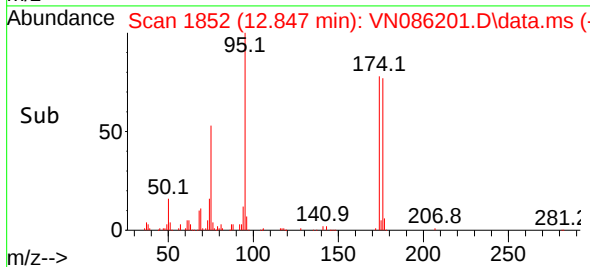
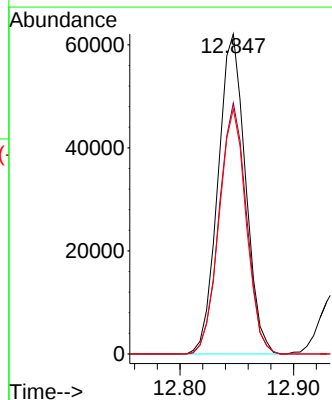
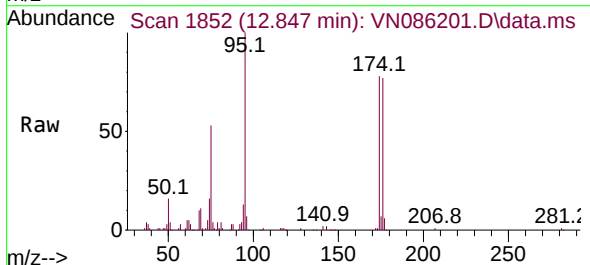
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

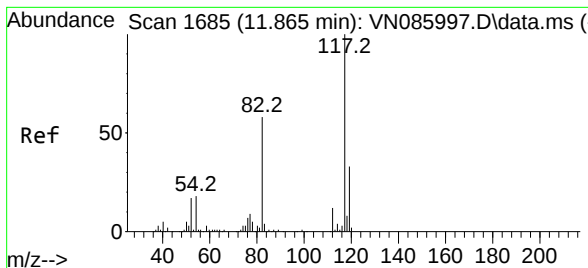
Tgt Ion:107 Resp: 81558
Ion Ratio Lower Upper
107 100
109 94.0 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 52.569 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 95 Resp: 104281
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.8
176 75.7 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

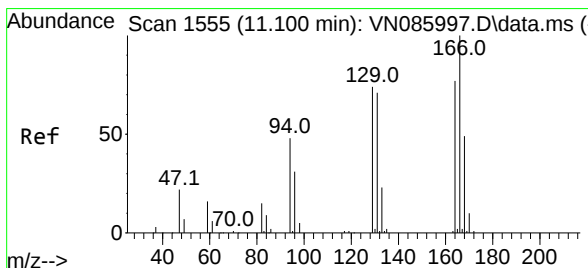
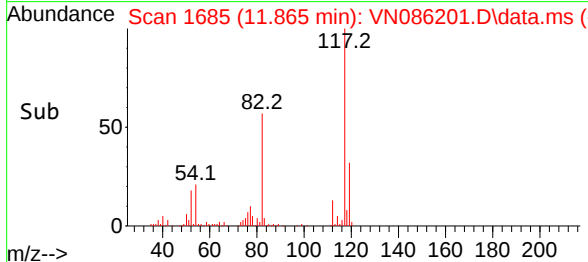
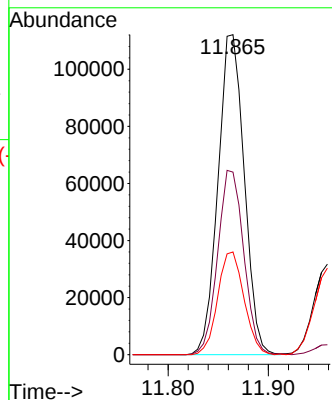
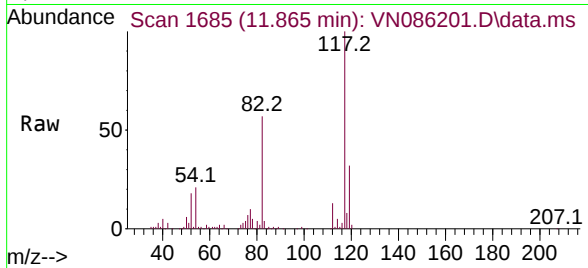
Tgt Ion:117 Resp: 203617

Ion Ratio Lower Upper

117 100

82 57.0 46.7 70.1

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 60.431 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Tgt Ion:164 Resp: 98156

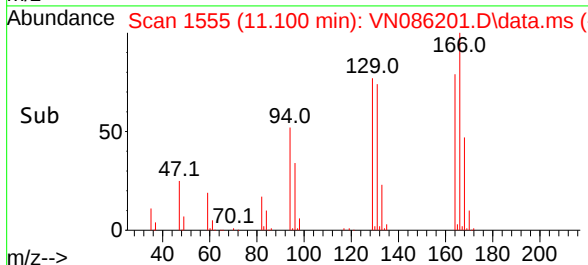
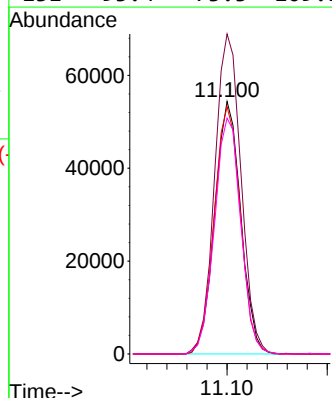
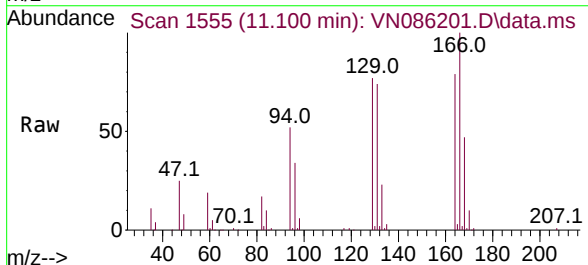
Ion Ratio Lower Upper

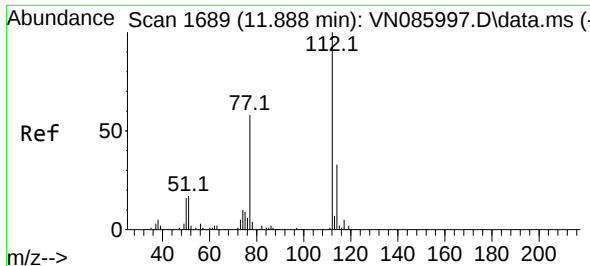
164 100

166 126.7 103.7 155.5

129 97.9 77.1 115.7

131 93.4 73.3 109.9

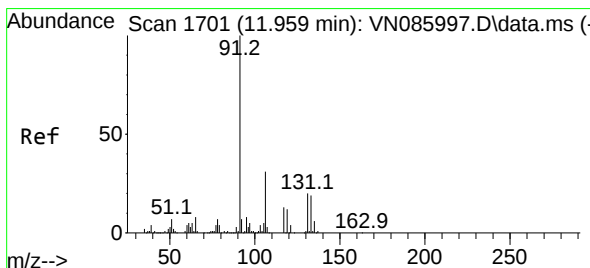
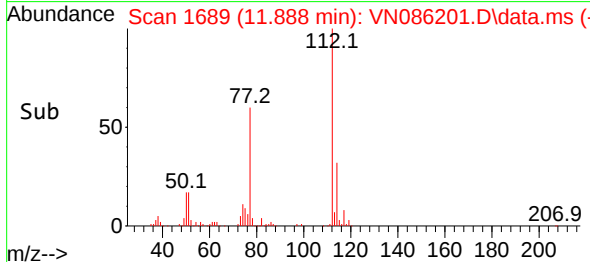
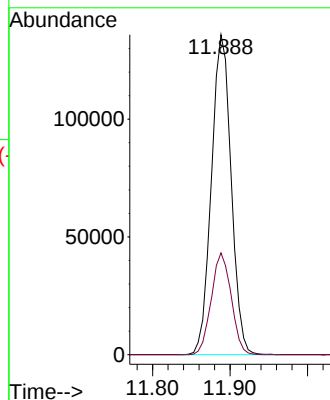
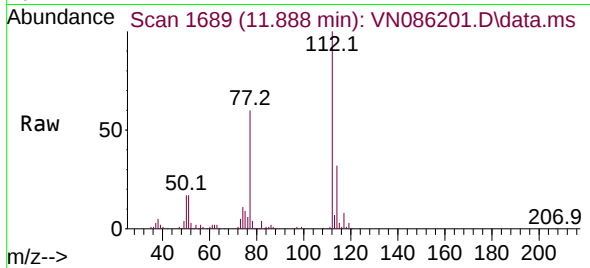




#65
Chlorobenzene
Concen: 51.714 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

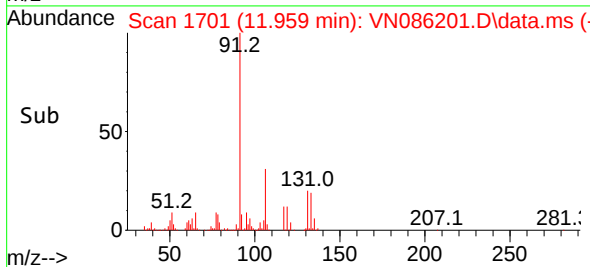
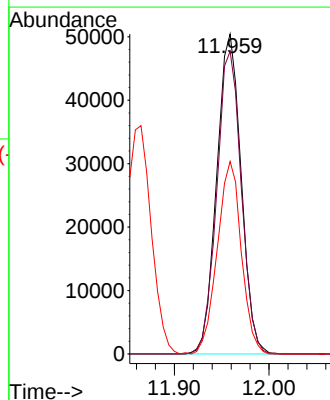
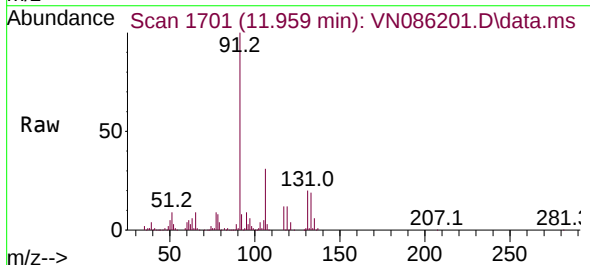
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

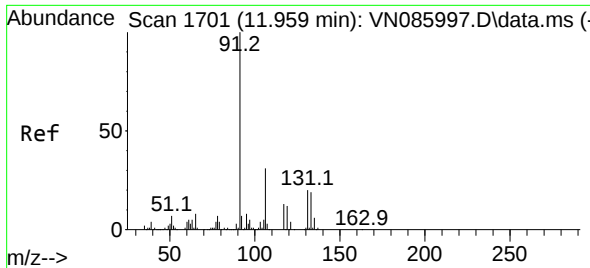
Tgt Ion:112 Resp: 240954
Ion Ratio Lower Upper
112 100
114 31.8 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.070 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:131 Resp: 90186
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 59.4 31.4 94.0

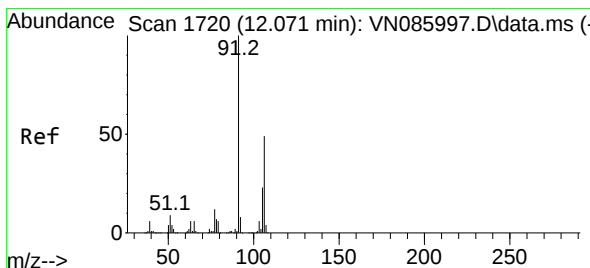
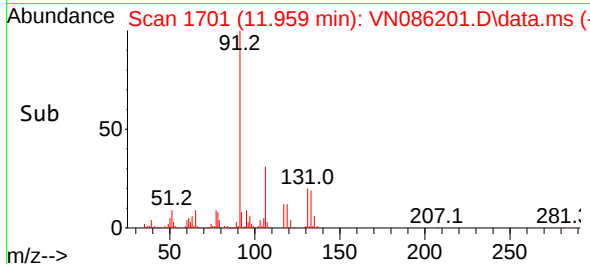
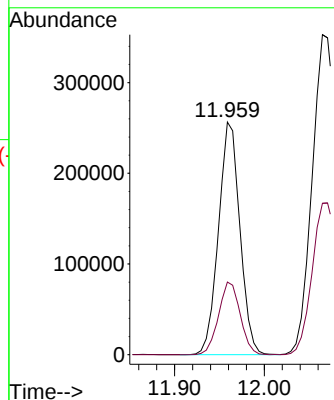
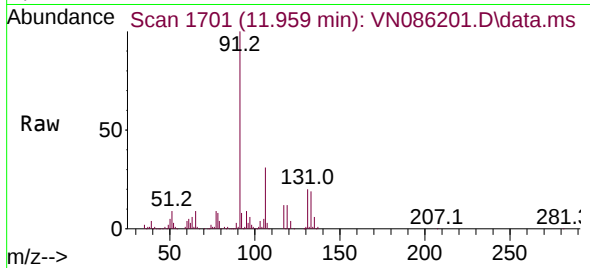




#67
Ethyl Benzene
Concen: 56.964 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

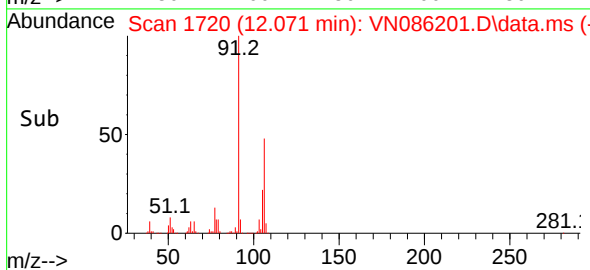
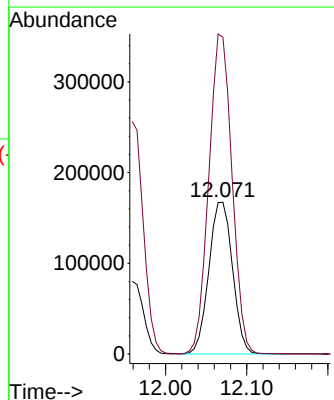
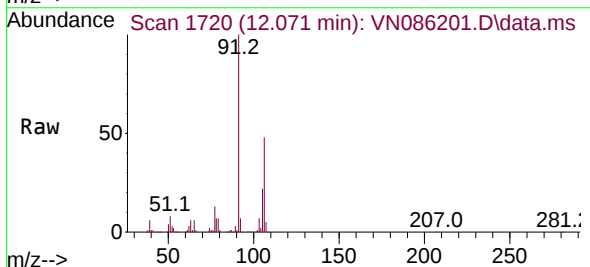
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

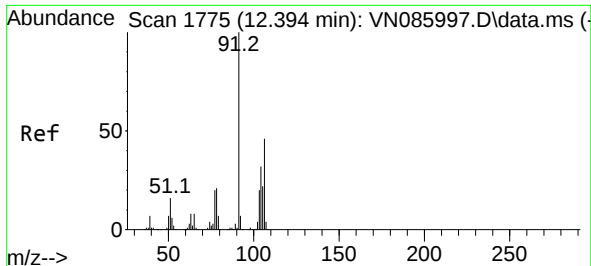
Tgt Ion: 91 Resp: 424561
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 115.594 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:106 Resp: 338625
Ion Ratio Lower Upper
106 100
91 206.9 163.9 245.9

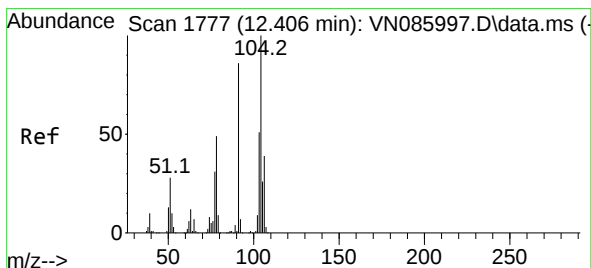
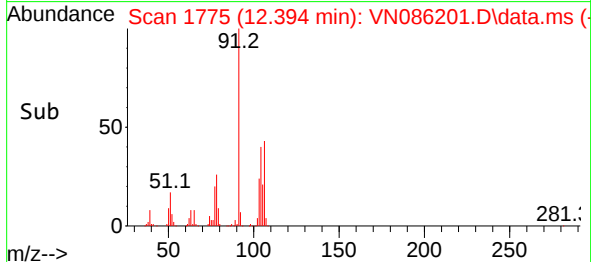
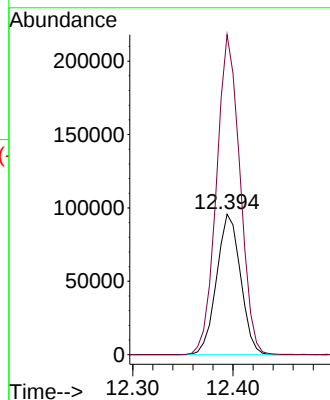
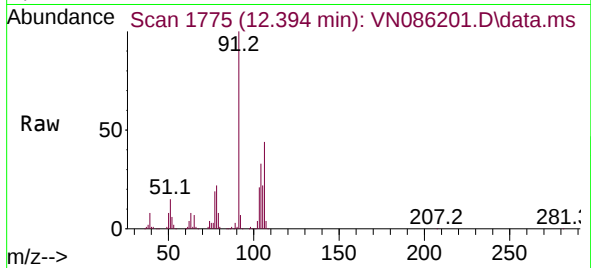




#69
o-Xylene
Concen: 59.034 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

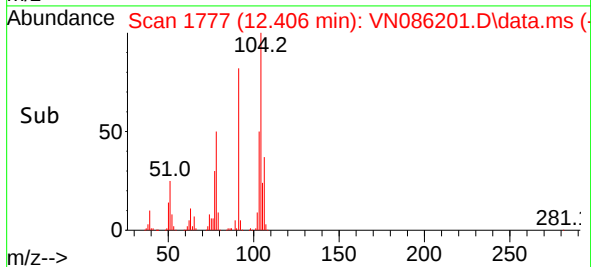
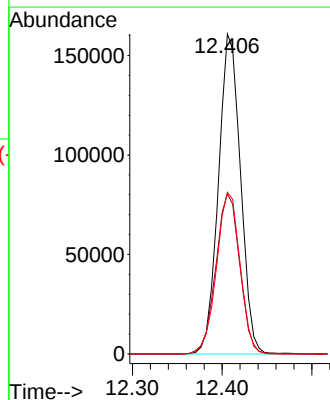
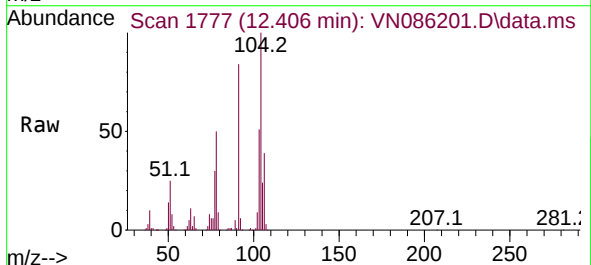
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

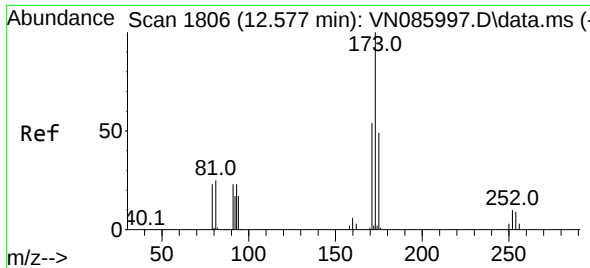
Tgt Ion:106 Resp: 158721
Ion Ratio Lower Upper
106 100
91 223.7 109.1 327.2



#70
Styrene
Concen: 59.835 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:104 Resp: 274781
Ion Ratio Lower Upper
104 100
78 54.1 41.4 62.2
103 53.7 42.9 64.3

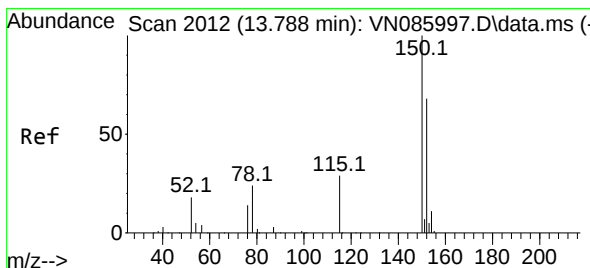
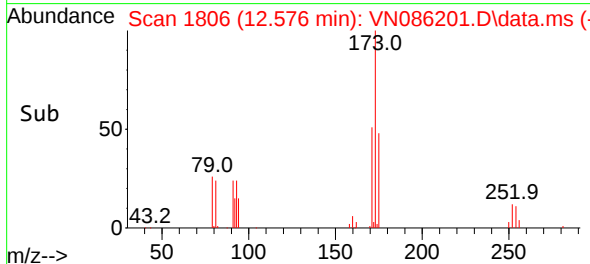
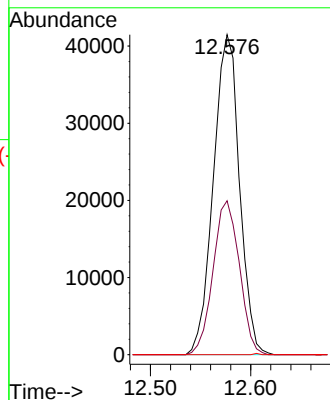
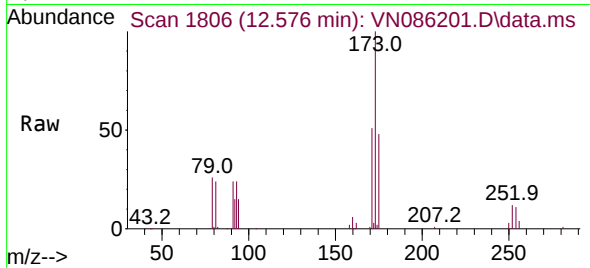




#71
Bromoform
Concen: 51.687 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

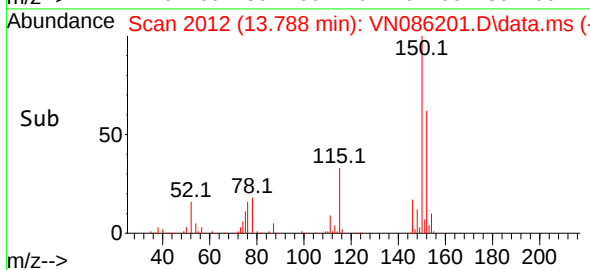
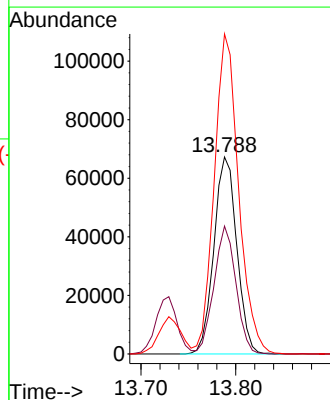
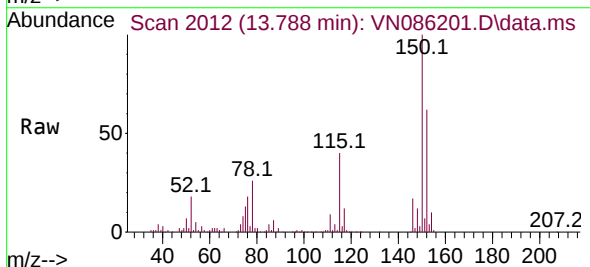
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

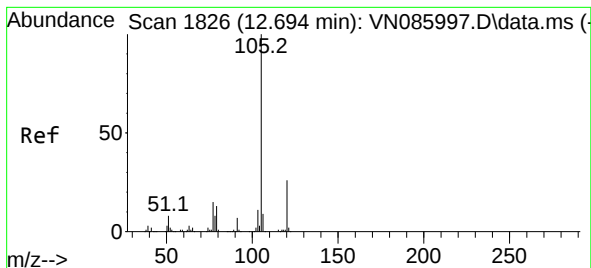
Tgt Ion:173 Resp: 74838
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:152 Resp: 112911
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.2
150 173.1 0.0 359.6





#73

Isopropylbenzene

Concen: 53.509 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

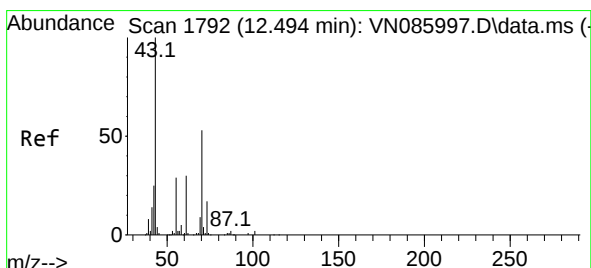
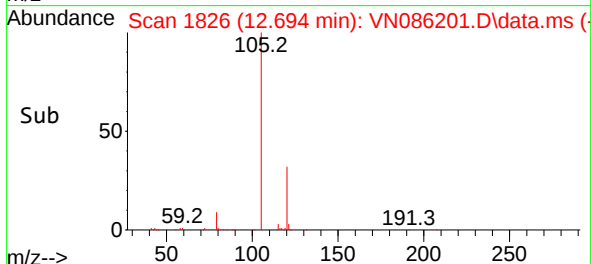
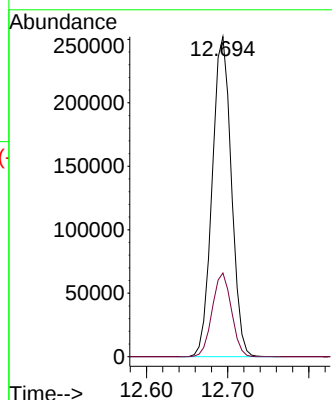
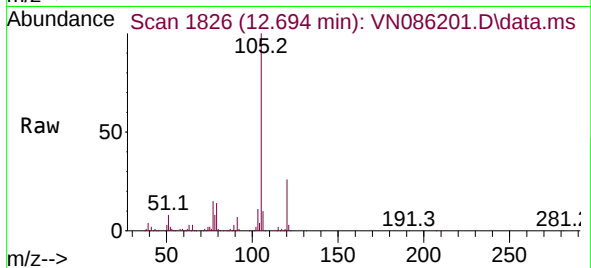
VSTDCCC050

Tgt Ion:105 Resp: 412584

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 48.467 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Tgt Ion: 43 Resp: 125029

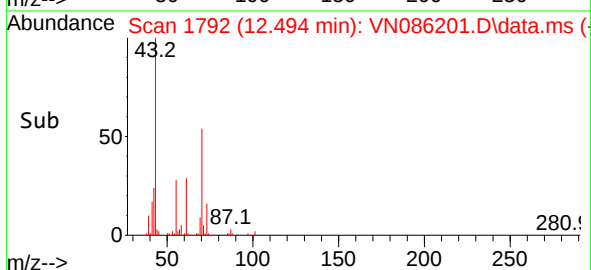
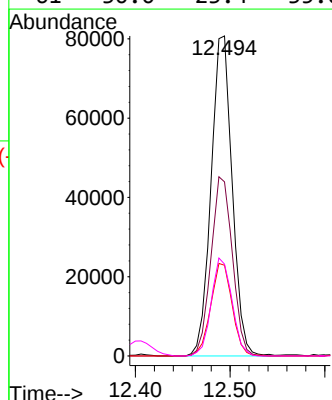
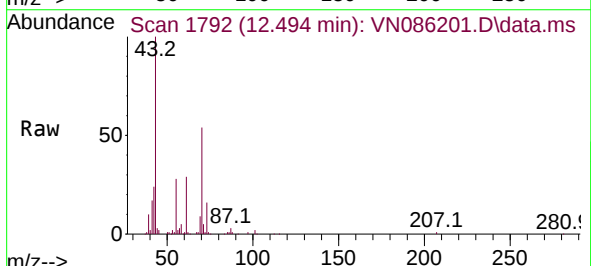
Ion Ratio Lower Upper

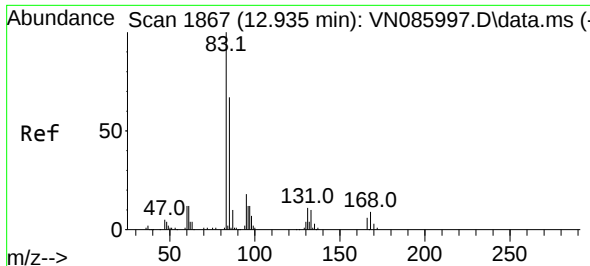
43 100

70 56.9 43.0 64.4

55 29.3 23.8 35.8

61 30.0 23.4 35.0

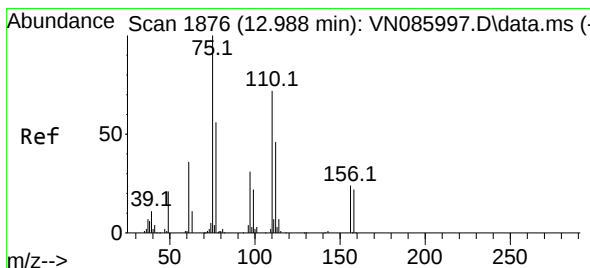
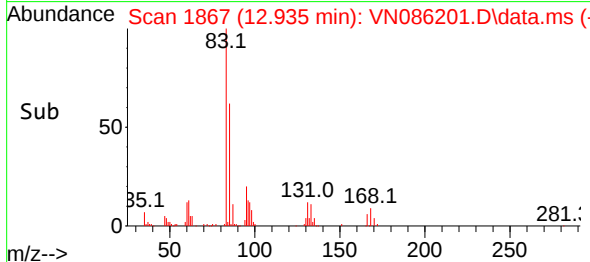
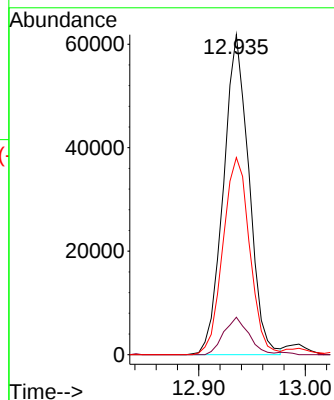
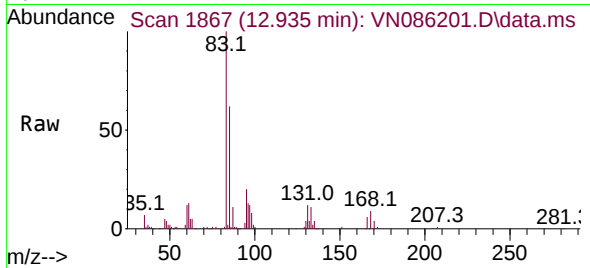




#75
1,1,2,2-Tetrachloroethane
Concen: 39.314 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

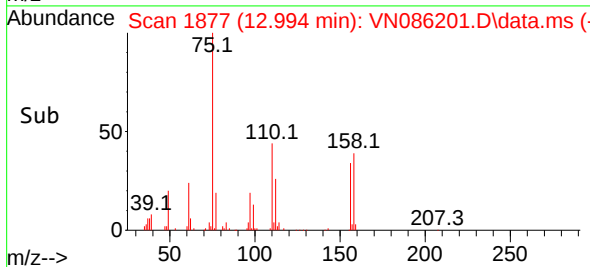
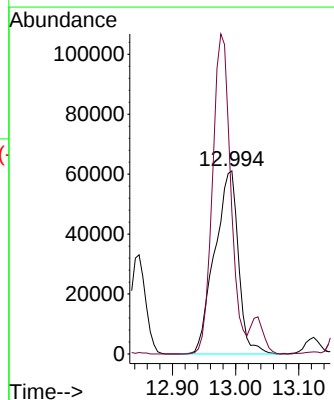
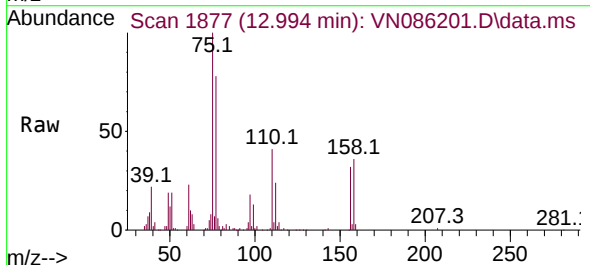
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

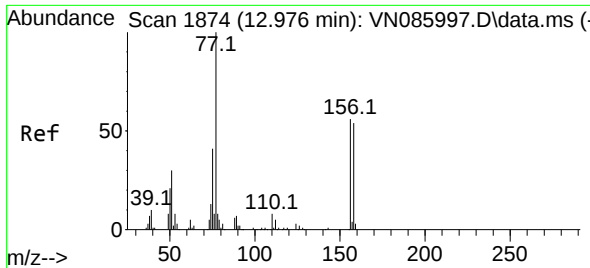
Tgt Ion: 83 Resp: 102553
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.5
85 64.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 63.180 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 75 Resp: 159710
Ion Ratio Lower Upper
75 100
77 134.3 83.7 251.0

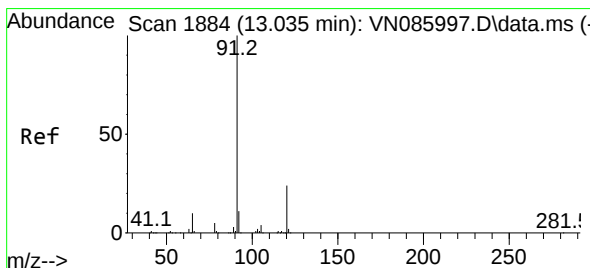
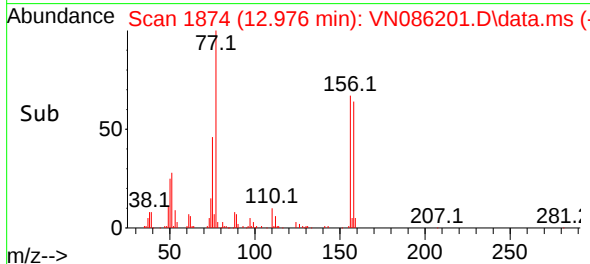
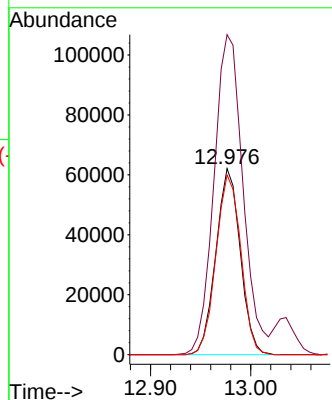
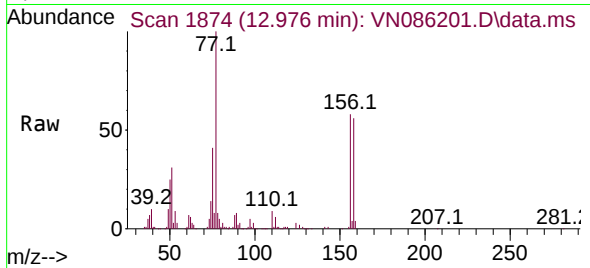




#77
Bromobenzene
Concen: 48.777 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

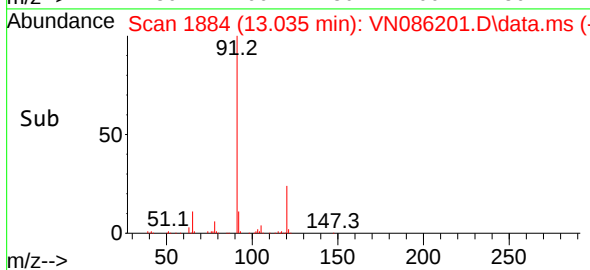
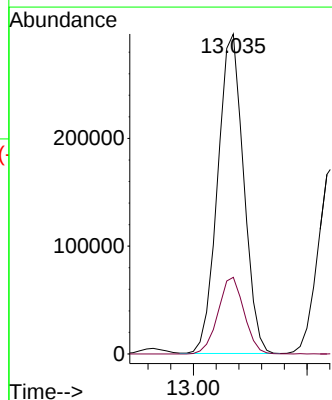
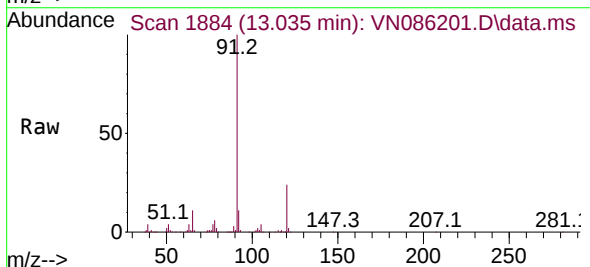
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

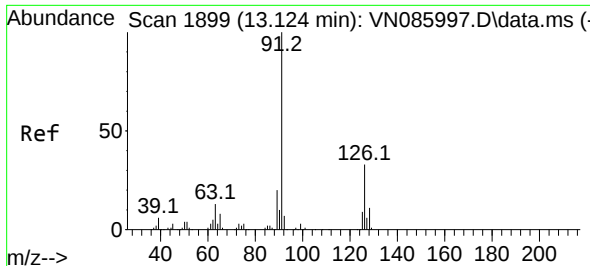
Tgt Ion:156 Resp: 104871
Ion Ratio Lower Upper
156 100
77 204.6 104.1 312.3
158 98.6 49.0 147.0



#78
n-propylbenzene
Concen: 53.869 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 91 Resp: 470338
Ion Ratio Lower Upper
91 100
120 24.0 11.7 35.0

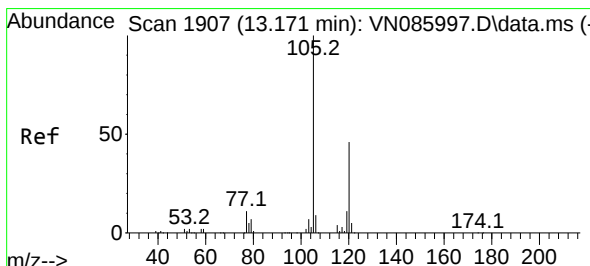
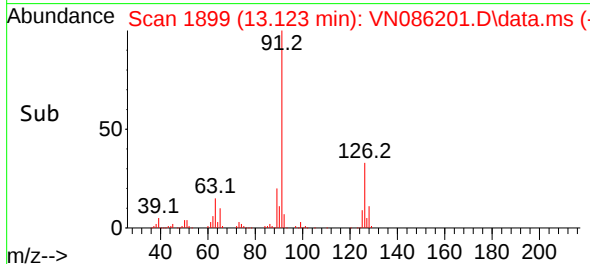
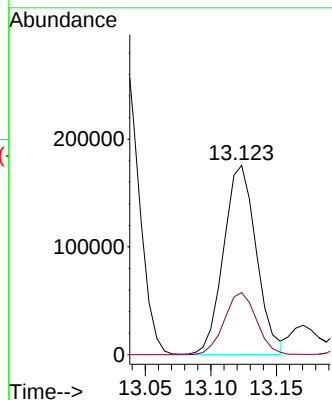
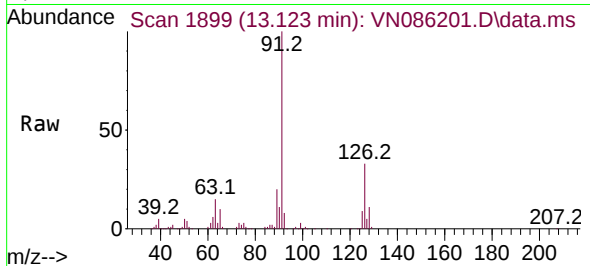




#79
2-Chlorotoluene
Concen: 52.466 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

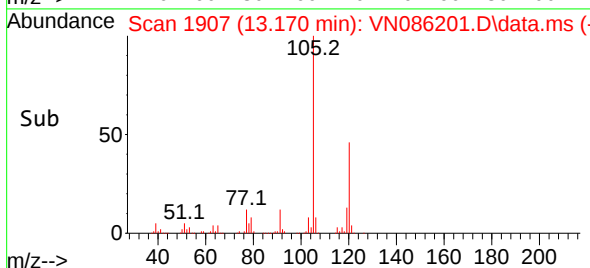
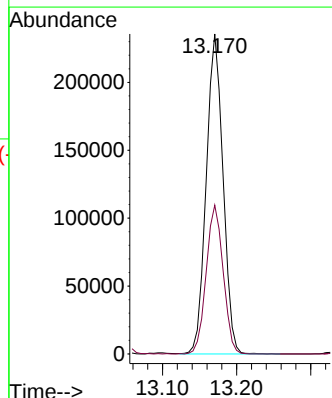
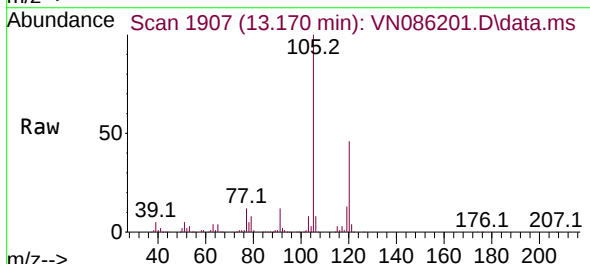
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

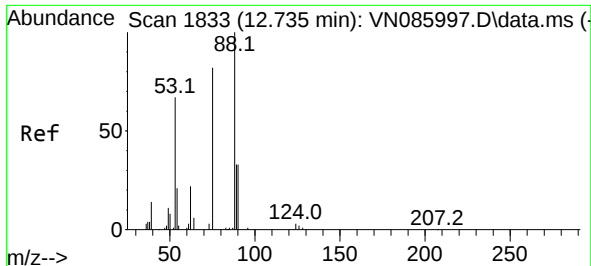
Tgt Ion: 91 Resp: 304265
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 56.905 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 105 Resp: 370447
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1

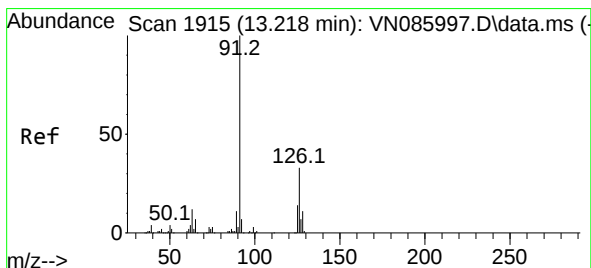
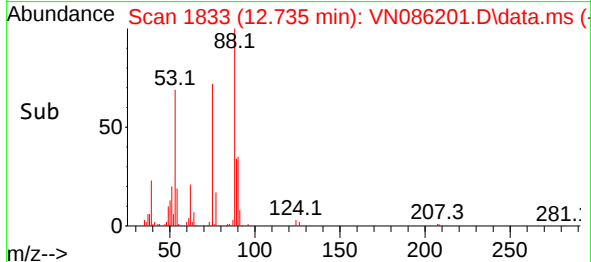
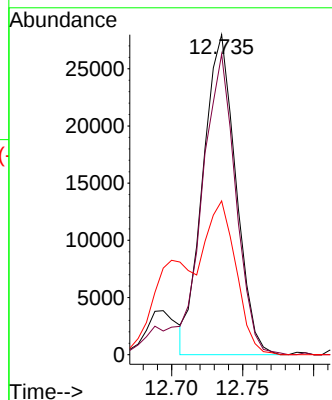
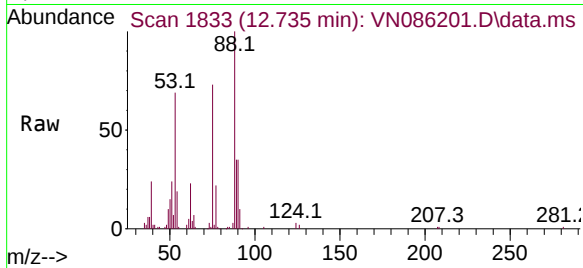




#81
trans-1,4-Dichloro-2-butene
Concen: 47.005 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

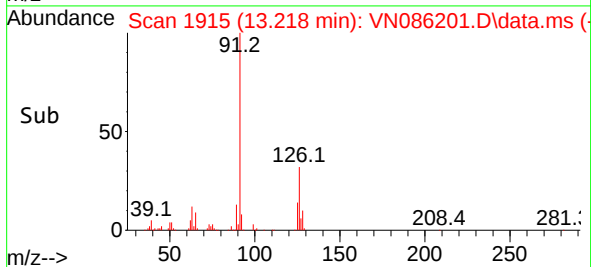
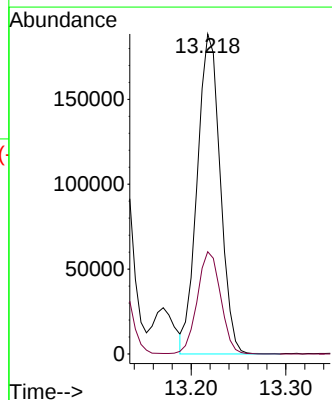
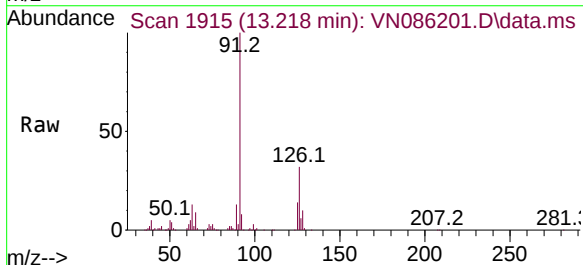
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

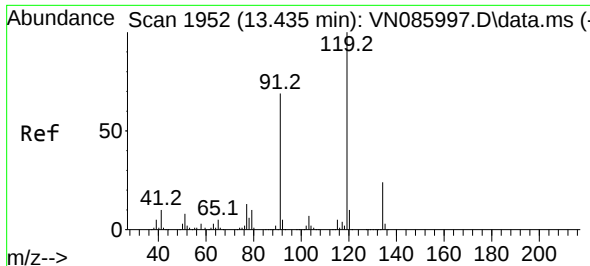
Tgt Ion: 75 Resp: 44943
Ion Ratio Lower Upper
75 100
53 103.1 66.0 99.0#
89 44.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 53.228 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 91 Resp: 317438
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2

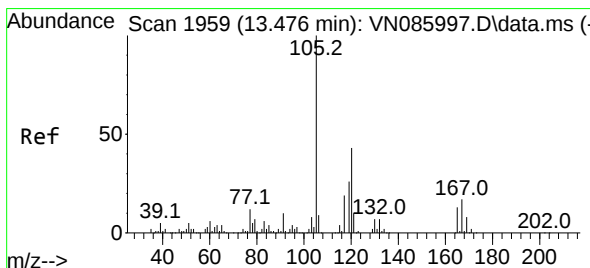
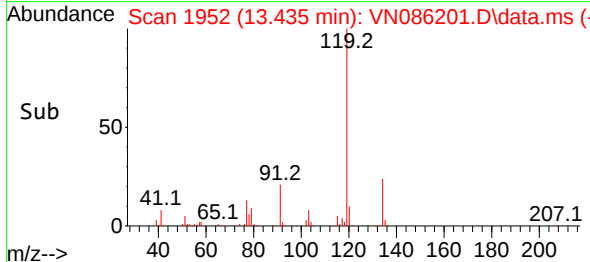
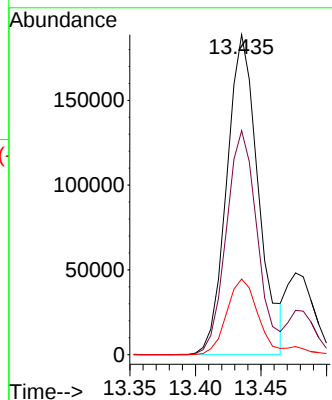
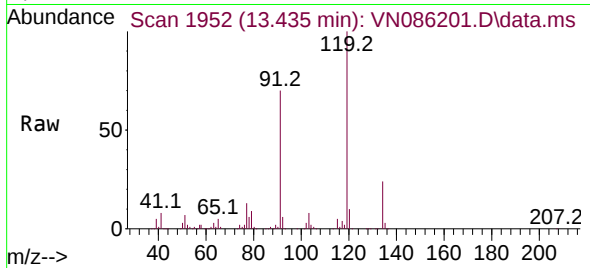




#83
tert-Butylbenzene
Concen: 56.817 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

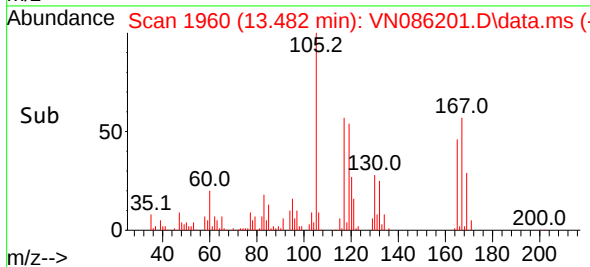
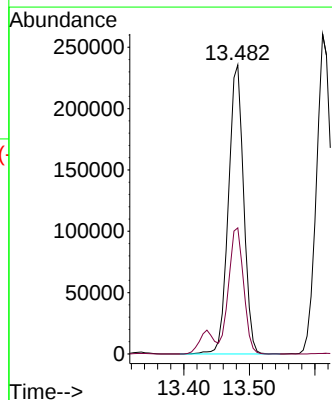
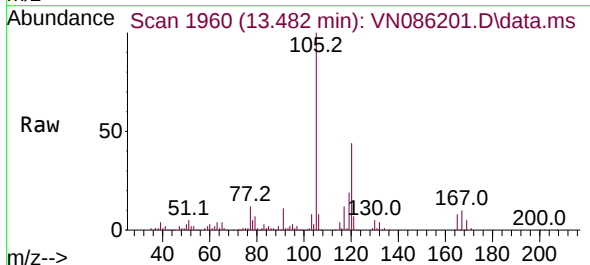
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

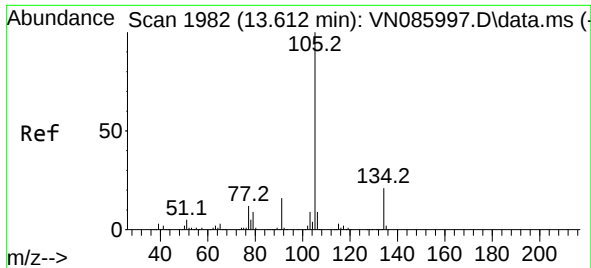
Tgt Ion:119 Resp: 316336
Ion Ratio Lower Upper
119 100
91 69.1 34.3 102.9
134 24.9 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 57.684 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion:105 Resp: 378751
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.8

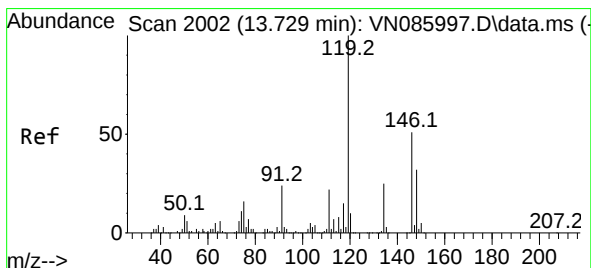
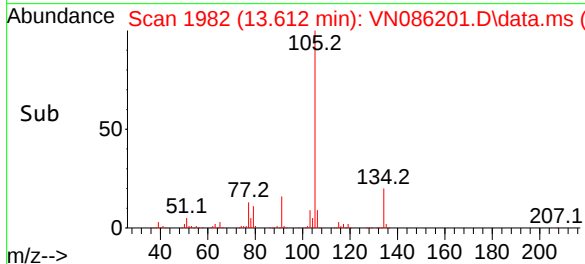
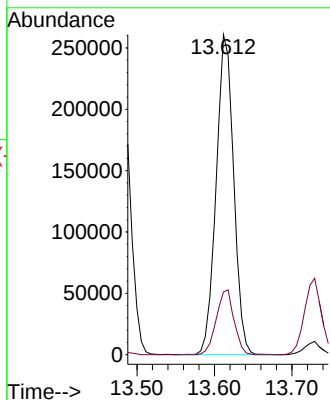
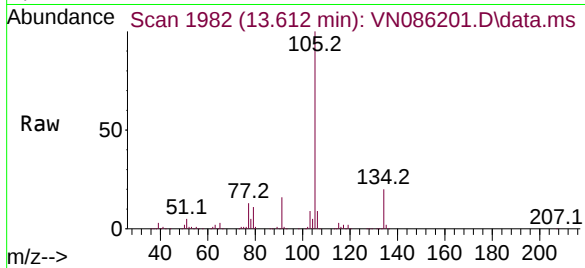




#85
 sec-Butylbenzene
 Concen: 56.509 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

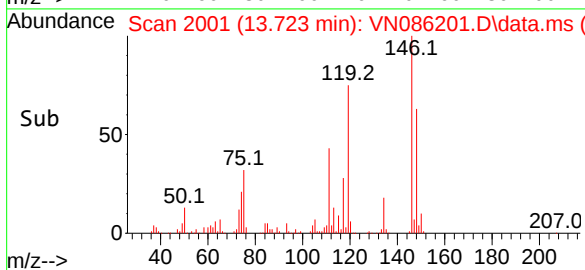
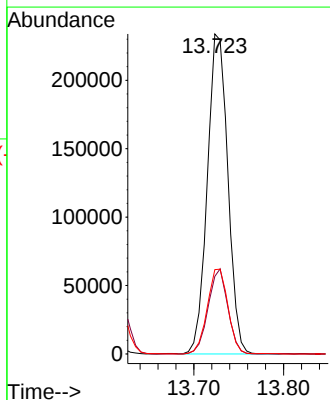
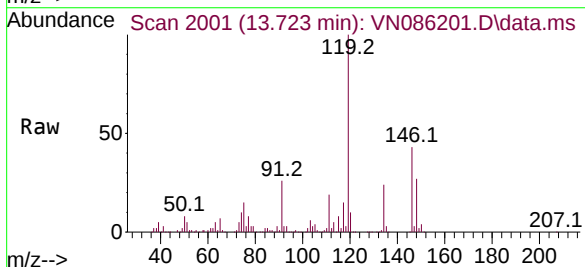
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

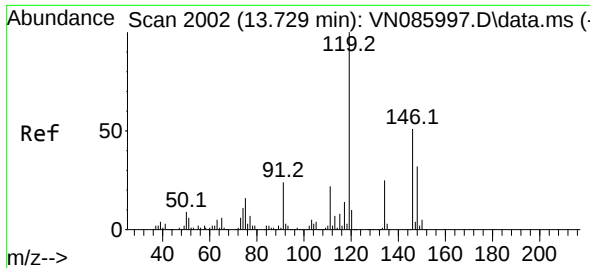
Tgt Ion:105 Resp: 410436
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 60.473 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Tgt Ion:119 Resp: 371810
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 26.7 12.3 36.8

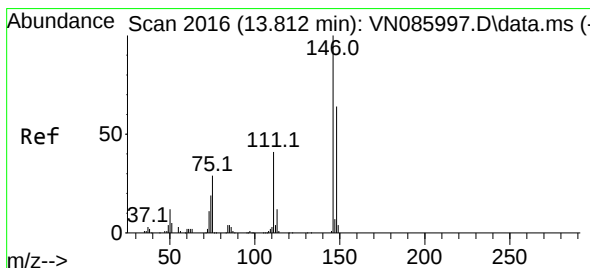
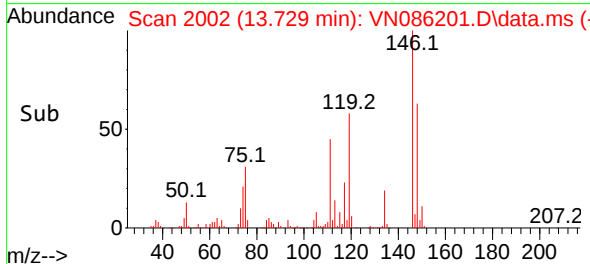
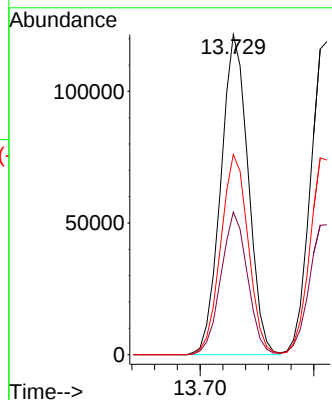
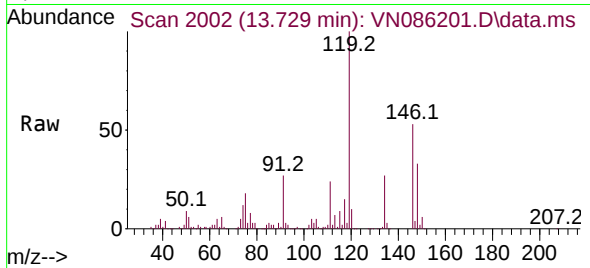




#87
 1,3-Dichlorobenzene
 Concen: 52.575 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

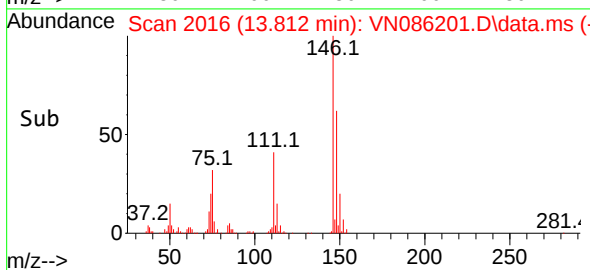
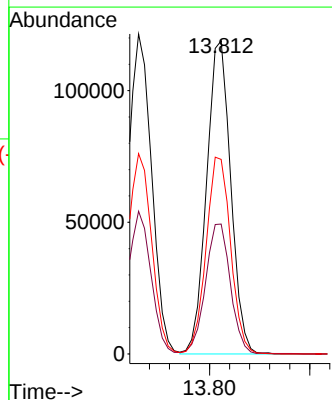
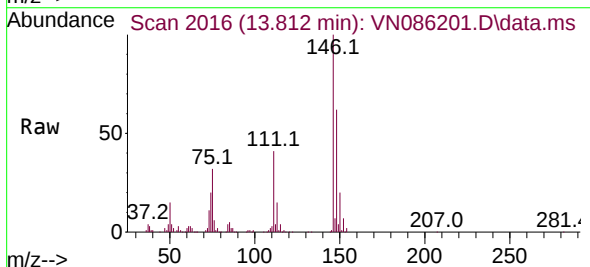
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

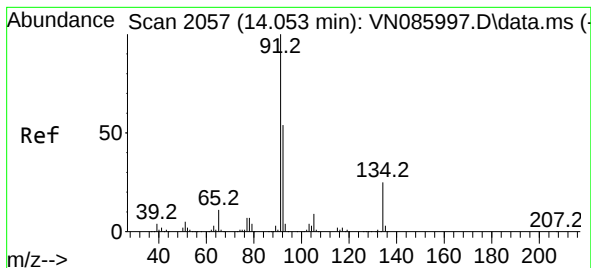
Tgt Ion:146 Resp: 203750
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.2 63.6
 148 62.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.890 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Tgt Ion:146 Resp: 199065
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.4 61.3
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 59.623 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

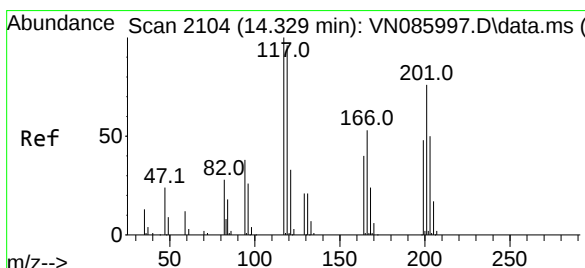
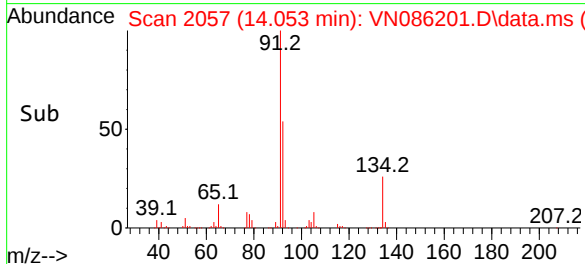
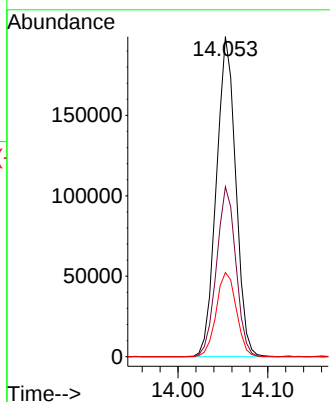
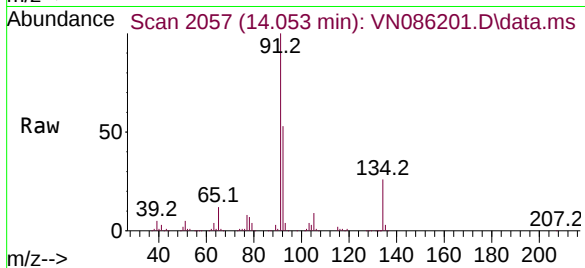
Tgt Ion: 91 Resp: 298523

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.6

134 27.3 13.0 39.0



#90

Hexachloroethane

Concen: 42.906 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086201.D

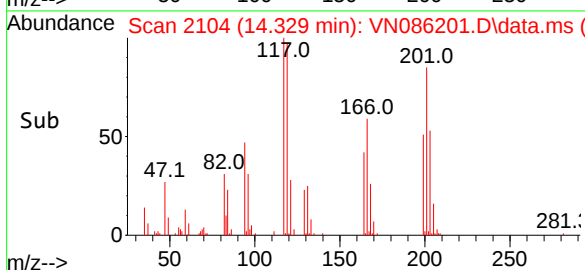
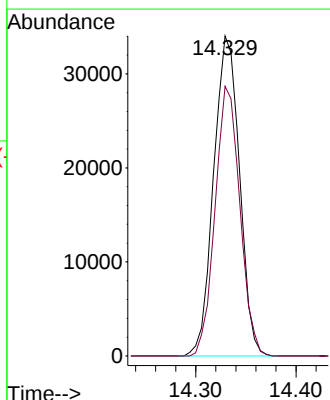
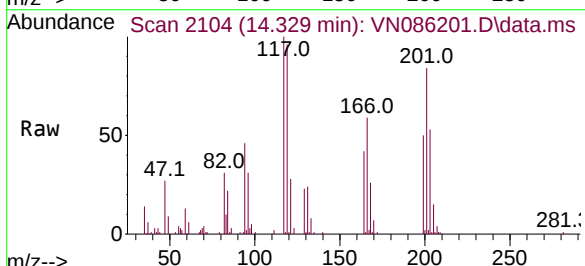
Acq: 02 Apr 2025 11:46

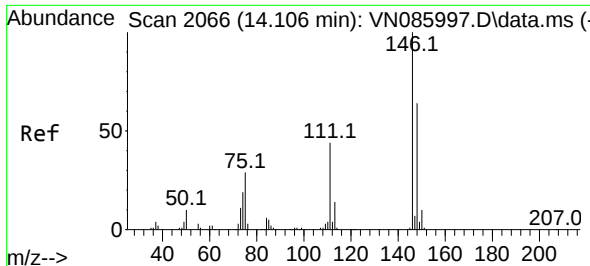
Tgt Ion: 117 Resp: 60870

Ion Ratio Lower Upper

117 100

201 81.0 39.1 117.3

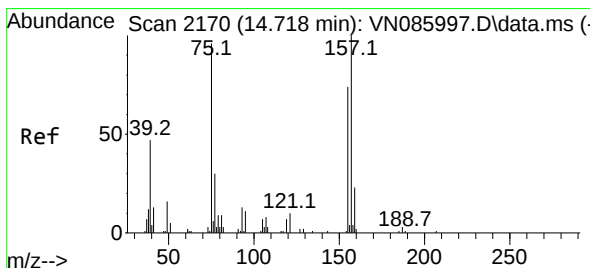
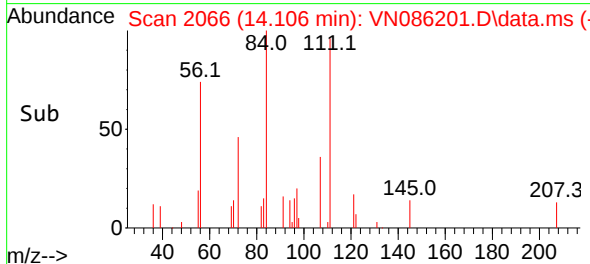
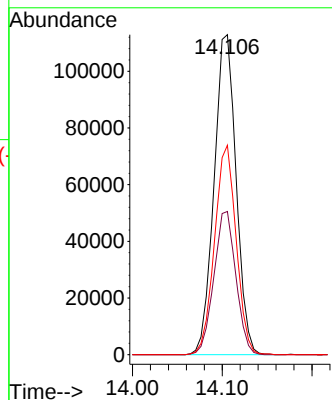
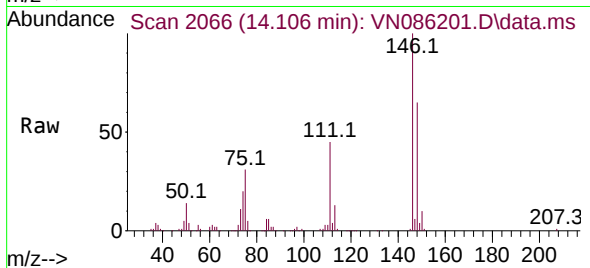




#91
1,2-Dichlorobenzene
Concen: 50.037 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

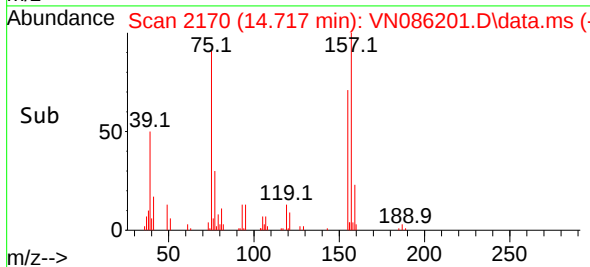
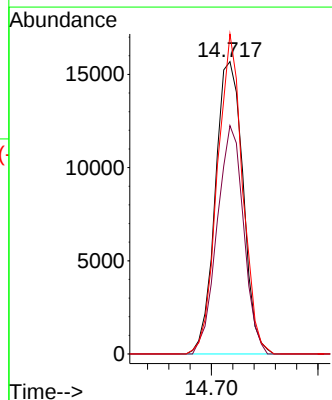
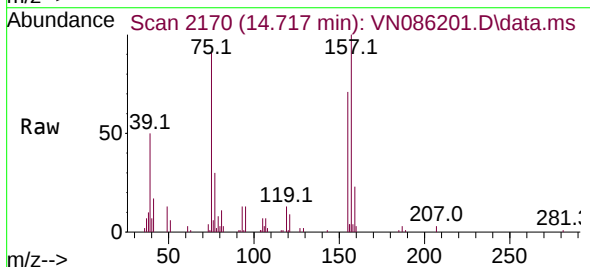
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

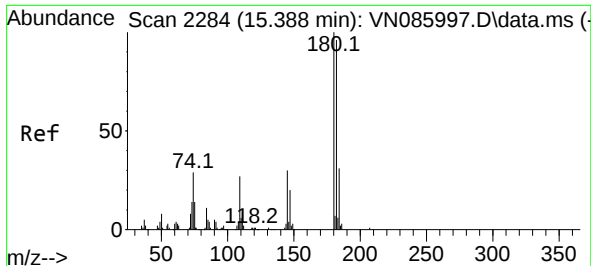
Tgt Ion:146 Resp: 192770
Ion Ratio Lower Upper
146 100
111 44.7 22.3 66.8
148 64.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.429 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086201.D
Acq: 02 Apr 2025 11:46

Tgt Ion: 75 Resp: 28342
Ion Ratio Lower Upper
75 100
155 74.7 41.0 123.0
157 99.3 53.7 161.1



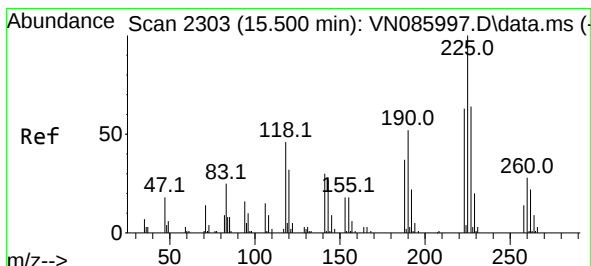
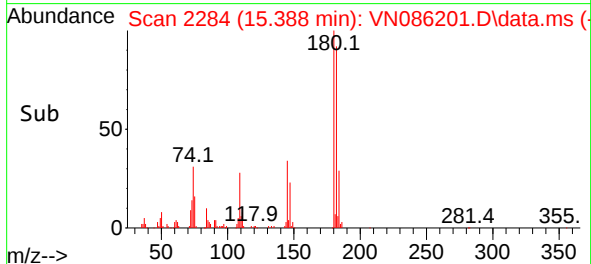
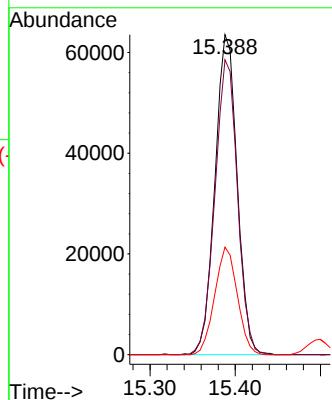
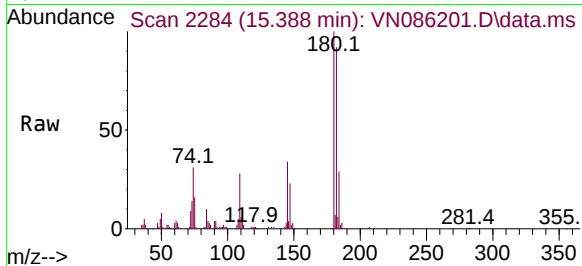


#93
 1,2,4-Trichlorobenzene
 Concen: 59.322 ug/l
 RT: 15.388 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 114913

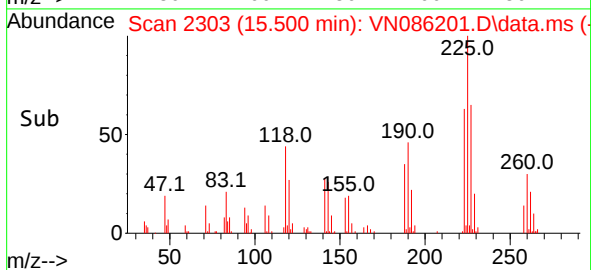
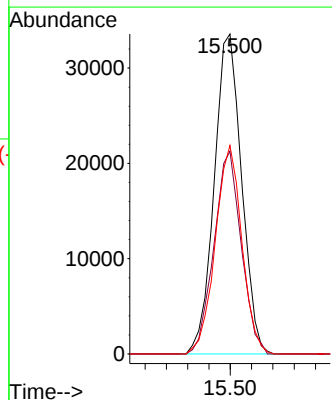
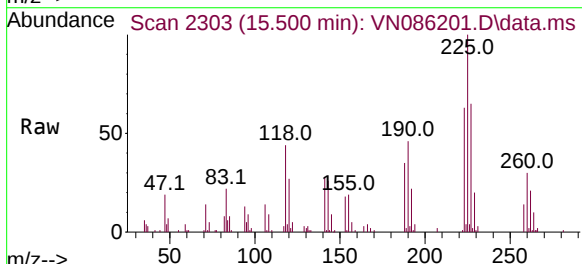
Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.0	141.0
145	34.3	15.5	46.5

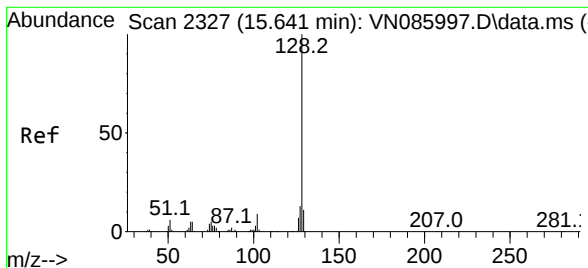


#94
 Hexachlorobutadiene
 Concen: 53.225 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086201.D
 Acq: 02 Apr 2025 11:46

Tgt Ion:225 Resp: 59817

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.9
227	63.3	32.1	96.3





#95

Naphthalene

Concen: 63.819 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

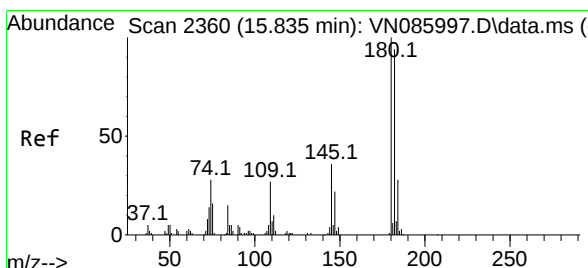
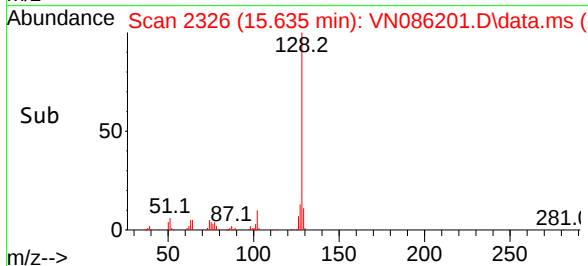
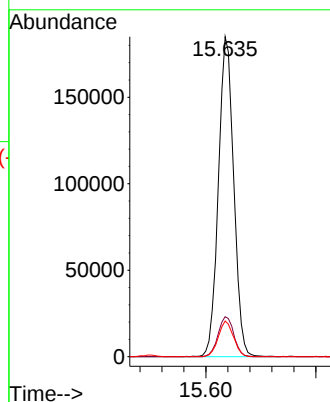
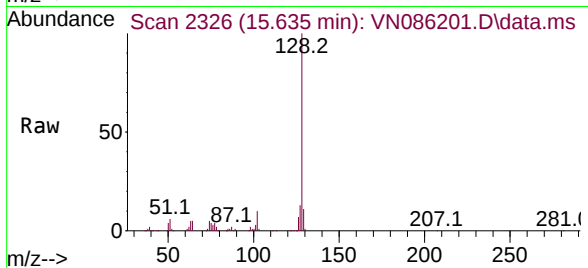
Tgt Ion:128 Resp: 357971

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 59.503 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086201.D

Acq: 02 Apr 2025 11:46

Tgt Ion:180 Resp: 109372

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 34.4 17.7 53.1

