

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086526.D
 Acq On : 06 May 2025 19:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 07 02:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	376290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154226	44.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.980%
35) Dibromofluoromethane	8.165	113	107756	55.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.200%
50) Toluene-d8	10.565	98	497998	47.649	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.847	95	182984	48.002	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	122867	43.355	ug/l	99
3) Chloromethane	2.359	50	154900	37.609	ug/l	96
4) Vinyl Chloride	2.512	62	154354	39.272	ug/l	97
5) Bromomethane	2.948	94	87588	49.543	ug/l	96
6) Chloroethane	3.118	64	102367	38.915	ug/l	99
7) Trichlorofluoromethane	3.501	101	207723	47.713	ug/l	97
8) Diethyl Ether	3.959	74	84541	44.481	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	120078	45.593	ug/l	96
10) Methyl Iodide	4.589	142	161072	55.628	ug/l	99
11) Tert butyl alcohol	5.518	59	130719	206.663	ug/l	100
12) 1,1-Dichloroethene	4.342	96	124290	44.172	ug/l	99
13) Acrolein	4.177	56	79840	272.023	ug/l	97
14) Allyl chloride	5.024	41	180975	36.180	ug/l	96
15) Acrylonitrile	5.712	53	330018	211.060	ug/l	99
16) Acetone	4.424	43	267053	222.173	ug/l	99
17) Carbon Disulfide	4.712	76	307438	36.491	ug/l	98
18) Methyl Acetate	5.018	43	158732	38.145	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	463773	44.838	ug/l	98
20) Methylene Chloride	5.277	84	145614	45.435	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	132715	45.114	ug/l	93
22) Diisopropyl ether	6.665	45	433340	39.824	ug/l #	96
23) Vinyl Acetate	6.600	43	1533418	201.592	ug/l	96
24) 1,1-Dichloroethane	6.565	63	250367	43.608	ug/l	97
25) 2-Butanone	7.477	43	431556	199.996	ug/l	94
26) 2,2-Dichloropropane	7.489	77	204894	39.859	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	169231	46.350	ug/l	92
28) Bromochloromethane	7.812	49	96193	39.515	ug/l #	82
29) Tetrahydrofuran	7.836	42	278093	192.725	ug/l	93
30) Chloroform	7.965	83	258141	45.771	ug/l	98
31) Cyclohexane	8.253	56	206773	36.805	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	225623	46.764	ug/l	98
36) 1,1-Dichloropropene	8.371	75	180196	46.135	ug/l	97
37) Ethyl Acetate	7.553	43	170823	41.542	ug/l	99
38) Carbon Tetrachloride	8.359	117	188360	50.640	ug/l	99
39) Methylcyclohexane	9.600	83	195012	42.006	ug/l	95
40) Benzene	8.606	78	582216	46.525	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	97482	40.903	ug/l	94
42) 1,2-Dichloroethane	8.665	62	192076	48.131	ug/l	99
43) Isopropyl Acetate	8.683	43	322135	43.383	ug/l	97
44) Trichloroethene	9.347	130	153142	51.631	ug/l	94
45) 1,2-Dichloropropane	9.618	63	136998	44.723	ug/l	99
46) Dibromomethane	9.706	93	99950	51.211	ug/l	95
47) Bromodichloromethane	9.888	83	207344	49.187	ug/l	95
48) Methyl methacrylate	9.677	41	146685	40.621	ug/l	93
49) 1,4-Dioxane	9.688	88	57703	939.423	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	901171	214.016	ug/l	96
52) Toluene	10.629	92	375704	48.115	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	221619	47.097	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	234297	45.333	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	139573	49.681	ug/l	98
56) Ethyl methacrylate	10.871	69	237587	46.007	ug/l	96
57) 1,3-Dichloropropane	11.159	76	238519	47.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	466157	190.185	ug/l	94
59) 2-Hexanone	11.194	43	658985	210.992	ug/l	97
60) Dibromochloromethane	11.353	129	162050	52.528	ug/l	100
61) 1,2-Dibromoethane	11.465	107	144749	51.062	ug/l	100
64) Tetrachloroethene	11.100	164	150653	52.049	ug/l	98
65) Chlorobenzene	11.888	112	418713	49.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	141917	51.228	ug/l	98
67) Ethyl Benzene	11.959	91	723221	47.726	ug/l	100
68) m/p-Xylenes	12.065	106	563213	99.193	ug/l	94
69) o-Xylene	12.394	106	277195	49.365	ug/l	97
70) Styrene	12.406	104	467561	49.974	ug/l	99
71) Bromoform	12.576	173	109072	52.294	ug/l #	98
73) Isopropylbenzene	12.694	105	670926	44.653	ug/l	99
74) N-amyl acetate	12.488	43	279014	37.301	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	191438	44.313	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	266122	61.396	ug/l	59
77) Bromobenzene	12.976	156	168305	50.554	ug/l	88
78) n-propylbenzene	13.029	91	777013	43.886	ug/l	98
79) 2-Chlorotoluene	13.123	91	497495	44.905	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	554491	45.089	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	72613	40.233	ug/l	92
82) 4-Chlorotoluene	13.218	91	489378	44.467	ug/l	97
83) tert-Butylbenzene	13.435	119	477887	44.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	564890	45.127	ug/l	98
85) sec-Butylbenzene	13.612	105	649581	43.950	ug/l	98
86) p-Isopropyltoluene	13.723	119	554270	45.497	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	301592	48.190	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	304234	48.264	ug/l	98
89) n-Butylbenzene	14.053	91	456323	42.259	ug/l	98
90) Hexachloroethane	14.329	117	91215	44.513	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	293589	48.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36890	42.349	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	137661	47.380	ug/l	99
94) Hexachlorobutadiene	15.500	225	50854	46.367	ug/l	97
95) Naphthalene	15.635	128	468689	45.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	129429	47.053	ug/l	99

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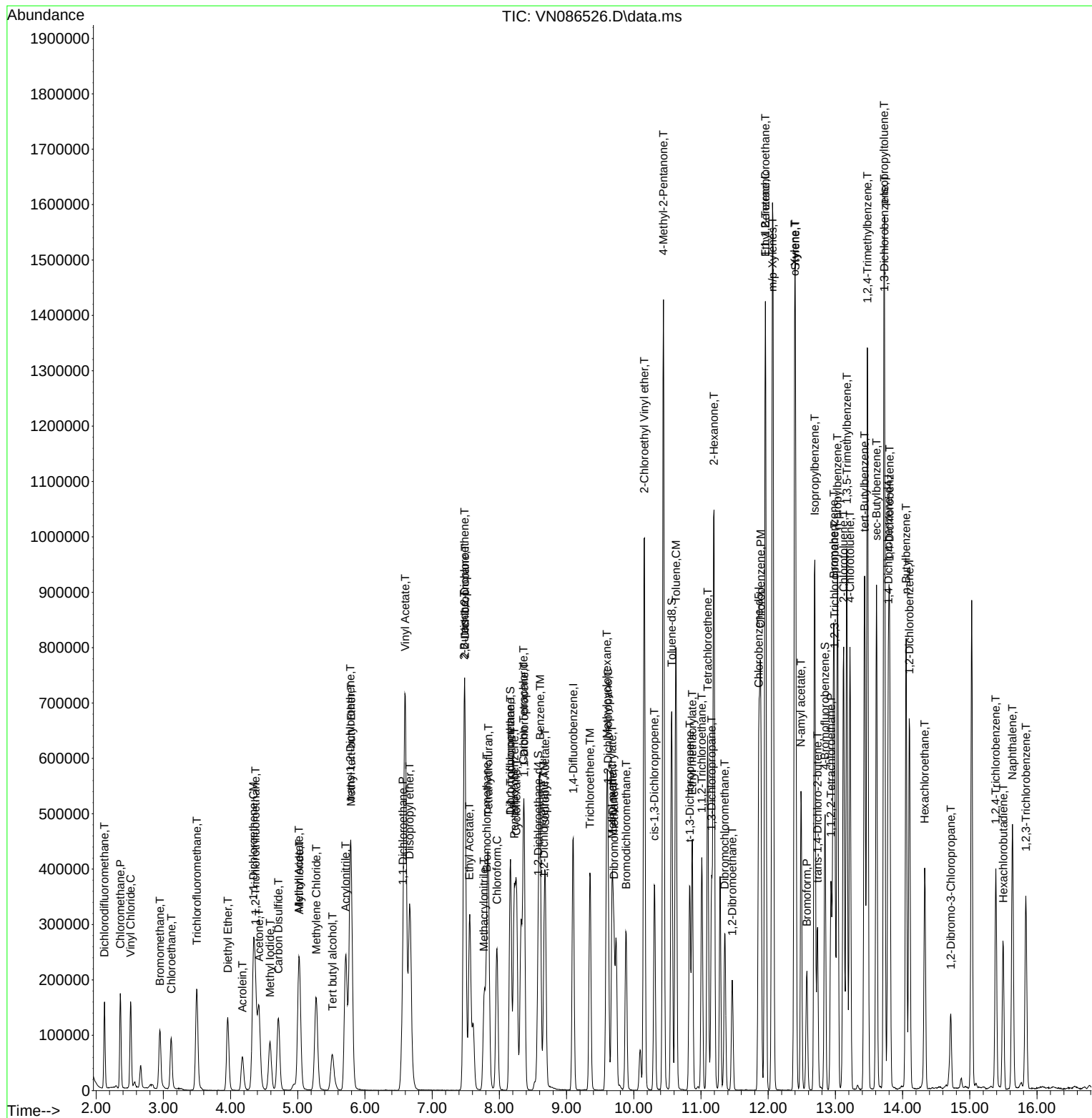
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QLast Update : Wed Apr 16 04:19:23 2025
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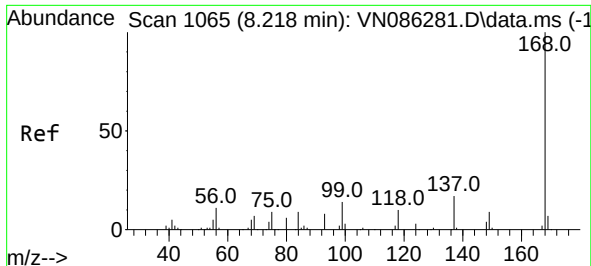
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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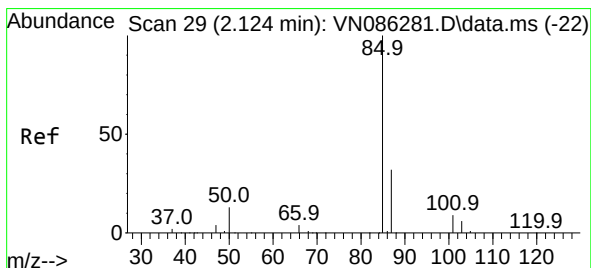
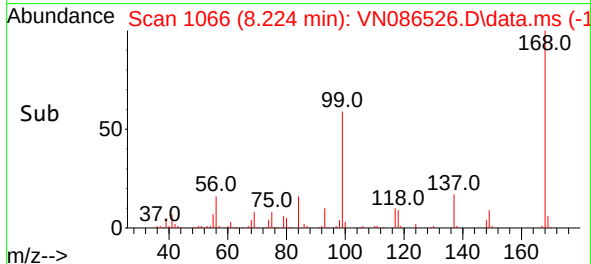
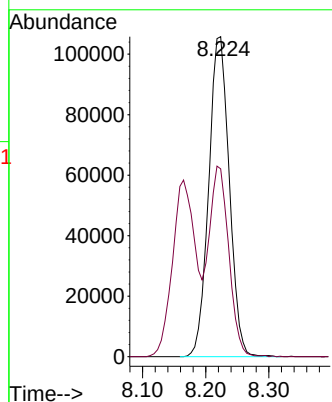
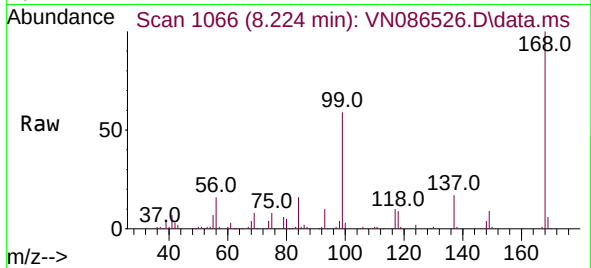




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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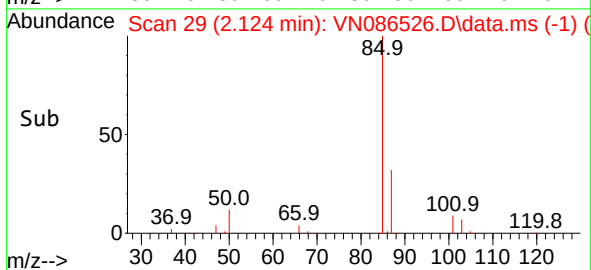
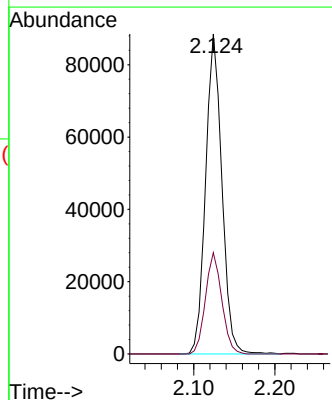
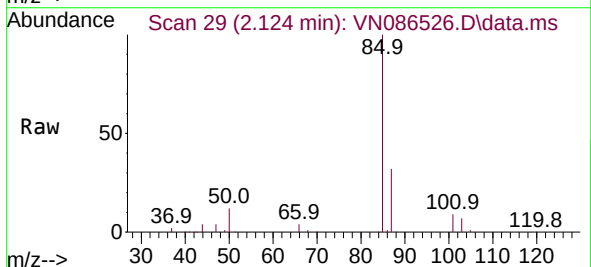
Instrument :
MSVOA_N
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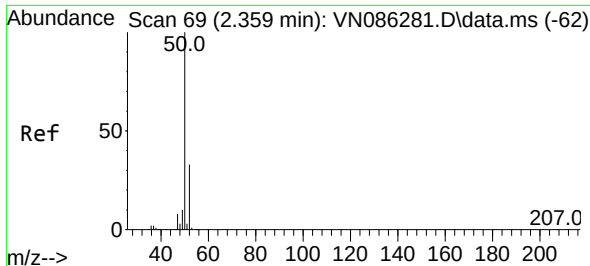
Tgt Ion:168 Resp: 239066
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 43.355 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 85 Resp: 122867
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.8

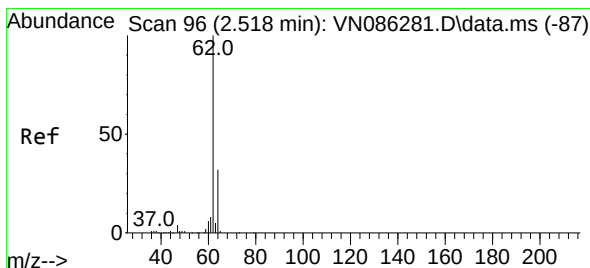
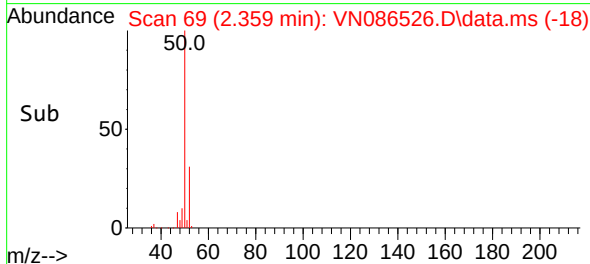
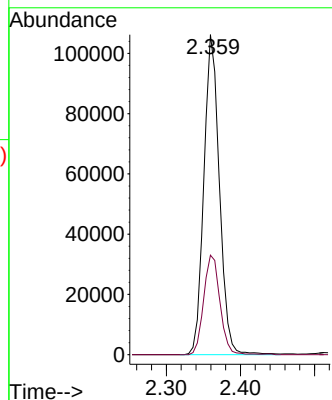
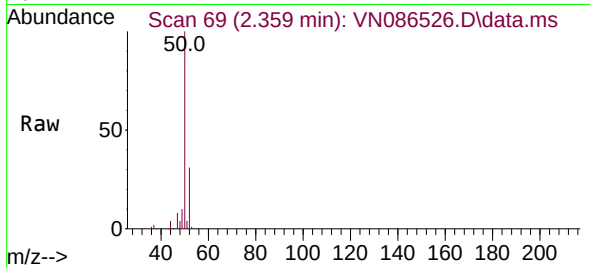




#3
Chloromethane
Concen: 37.609 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086526.D
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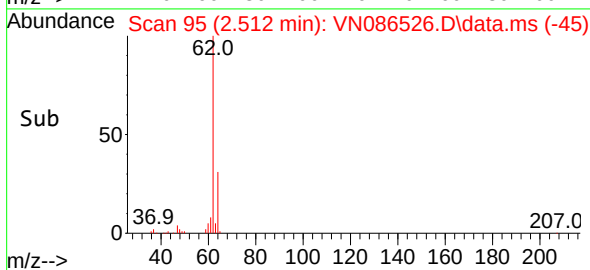
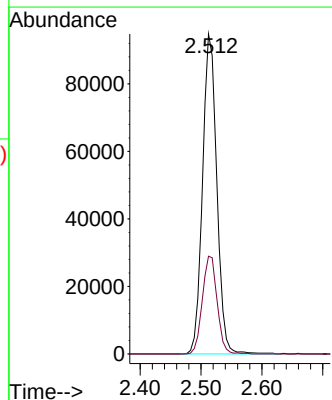
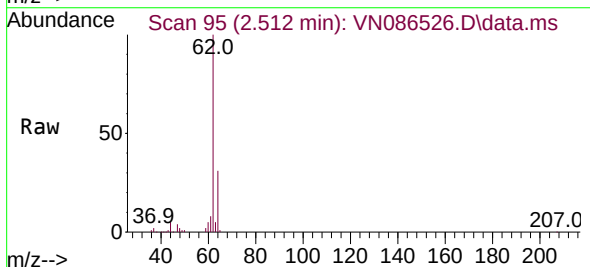
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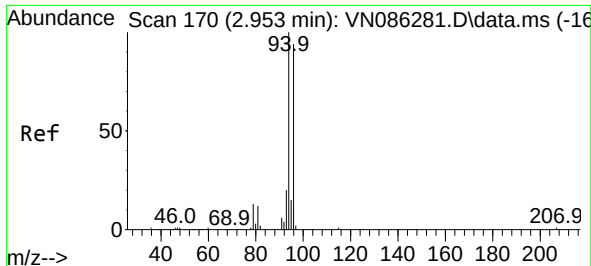
Tgt Ion: 50 Resp: 154900
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7



#4
Vinyl Chloride
Concen: 39.272 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 62 Resp: 154354
Ion Ratio Lower Upper
62 100
64 30.5 25.6 38.4

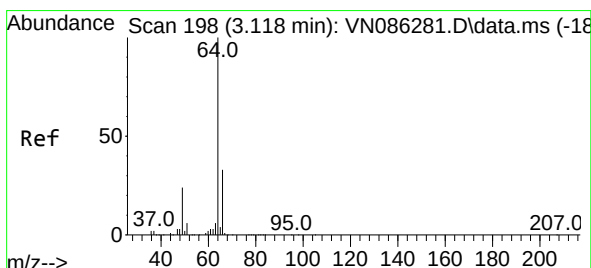
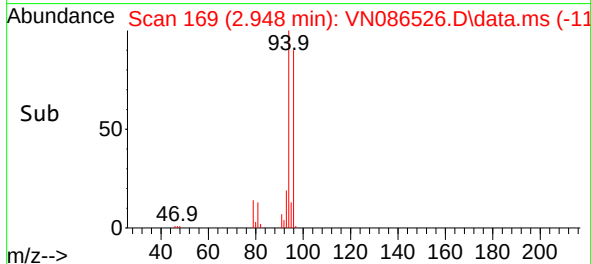
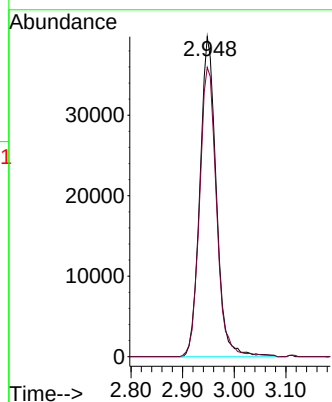
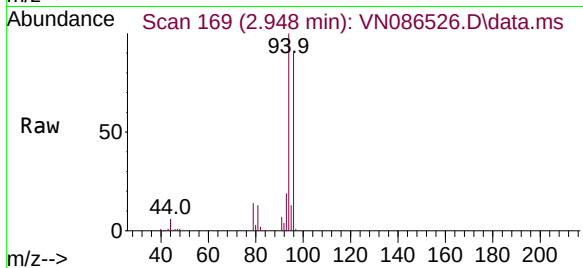




#5
Bromomethane
Concen: 49.543 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086526.D
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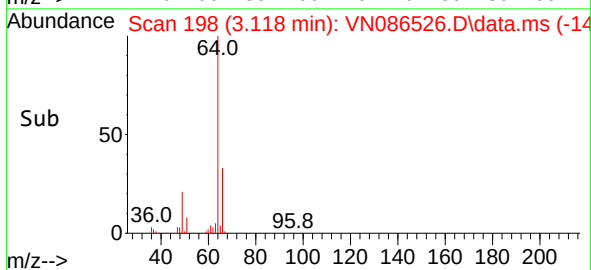
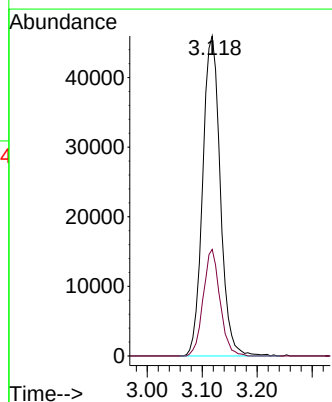
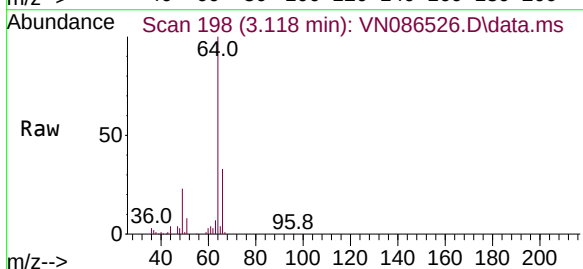
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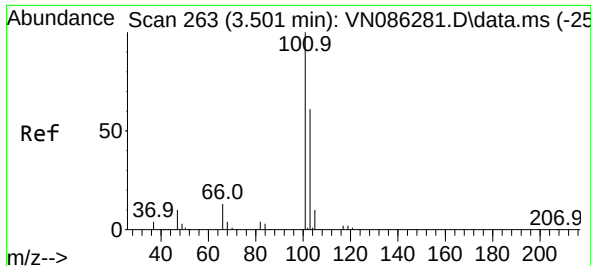
Tgt Ion: 94 Resp: 87588
Ion Ratio Lower Upper
94 100
96 90.4 75.2 112.8



#6
Chloroethane
Concen: 38.915 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 64 Resp: 102367
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.2

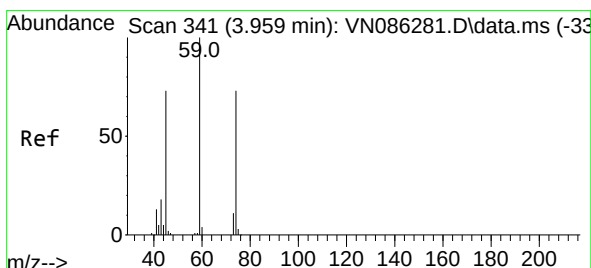
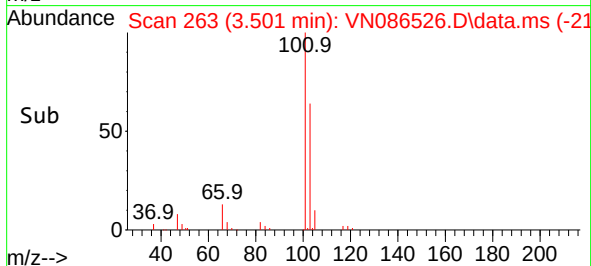
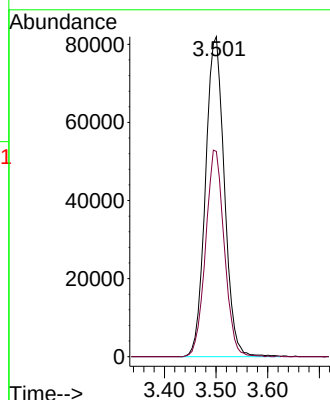
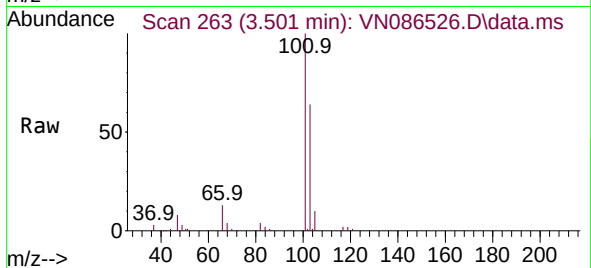




#7
 Trichlorofluoromethane
 Concen: 47.713 ug/l
 RT: 3.501 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

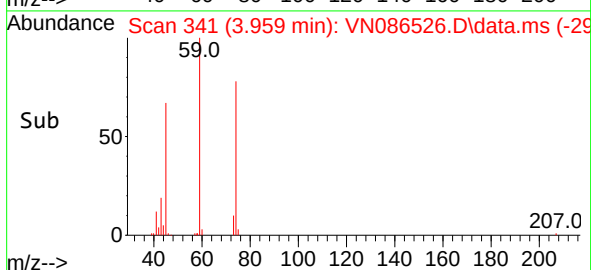
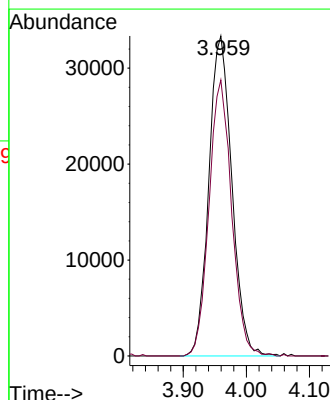
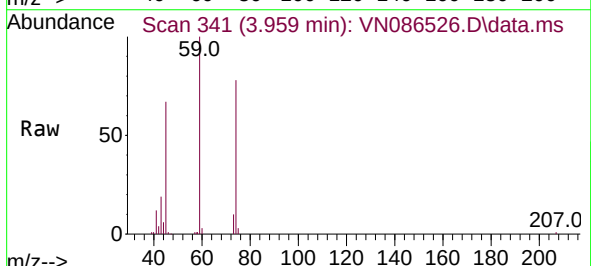
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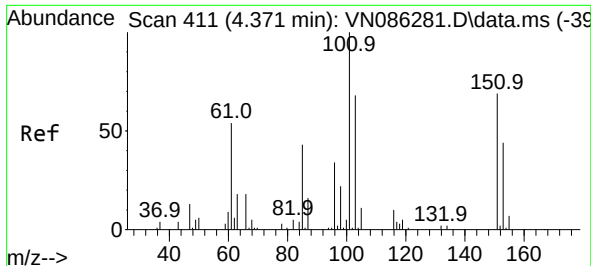
Tgt Ion:101 Resp: 207723
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.2 73.8



#8
 Diethyl Ether
 Concen: 44.481 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

Tgt Ion: 74 Resp: 84541
 Ion Ratio Lower Upper
 74 100
 45 84.5 48.0 144.2

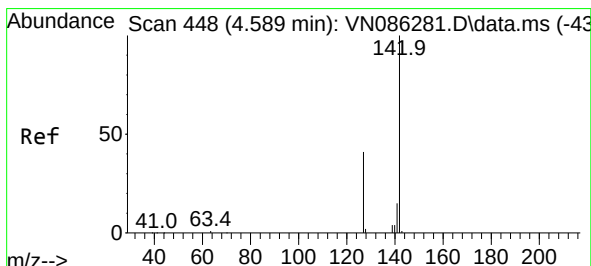
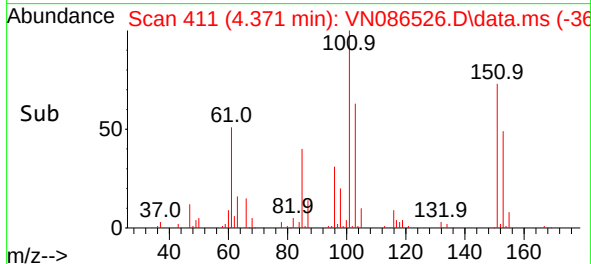
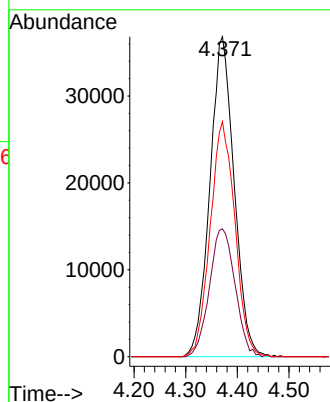
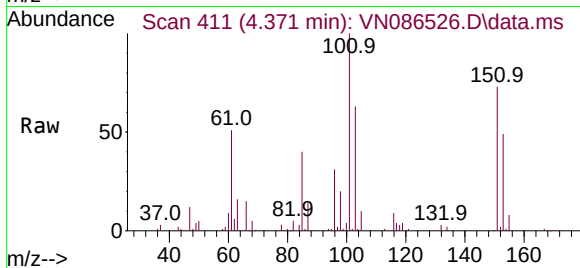




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.593 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

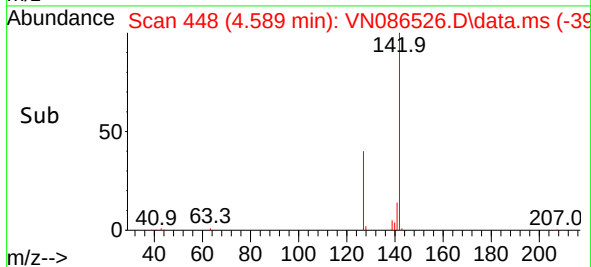
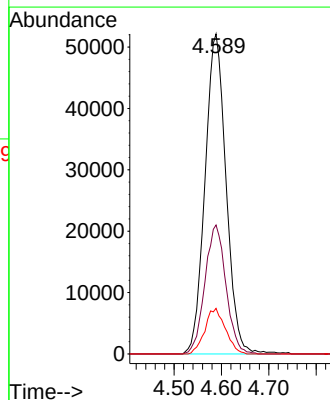
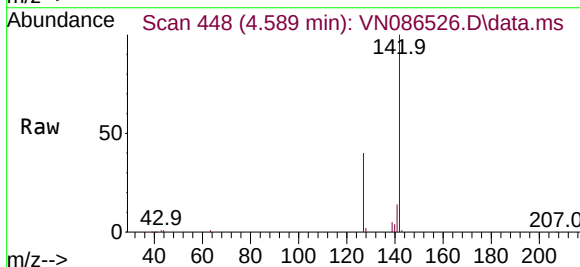
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

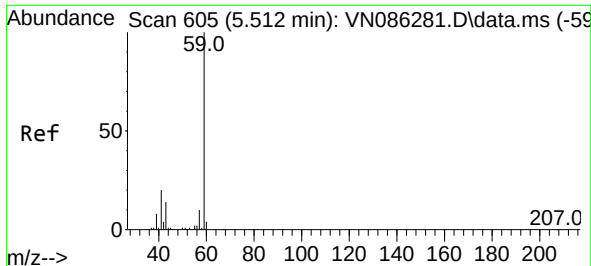
Tgt Ion:101 Resp: 120078
Ion Ratio Lower Upper
101 100
85 42.2 34.7 52.1
151 74.8 56.1 84.1



#10
Methyl Iodide
Concen: 55.628 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:142 Resp: 161072
Ion Ratio Lower Upper
142 100
127 40.3 32.7 49.1
141 14.3 11.7 17.5

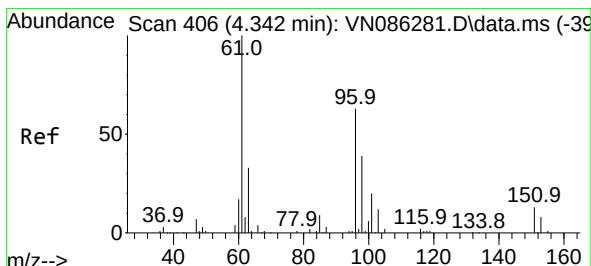
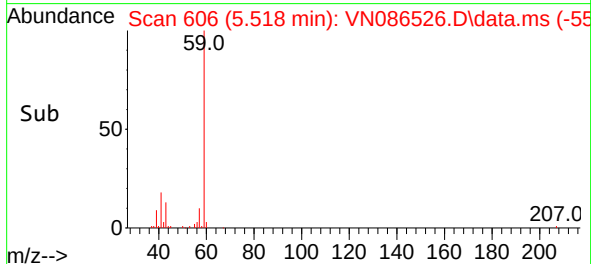
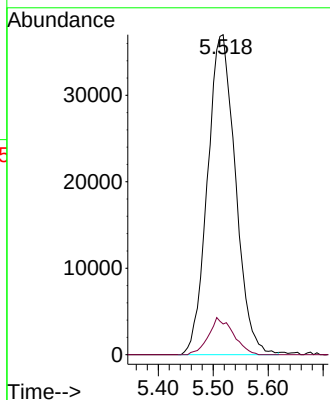
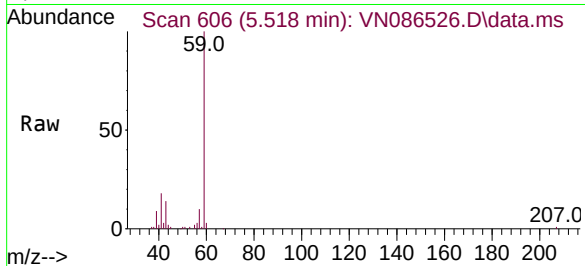




#11
Tert butyl alcohol
Concen: 206.663 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

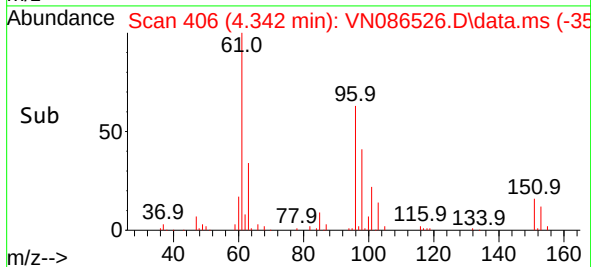
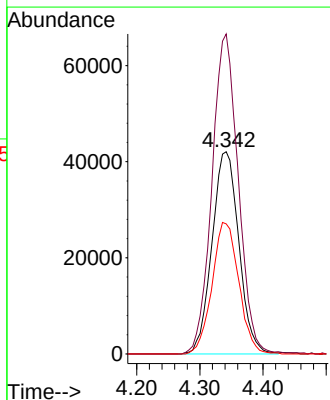
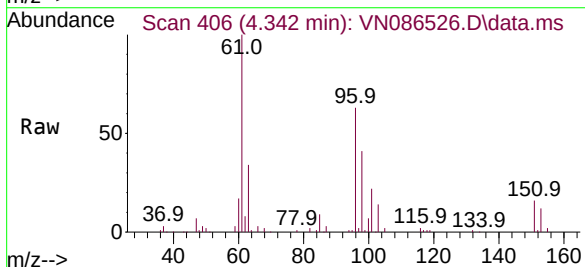
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

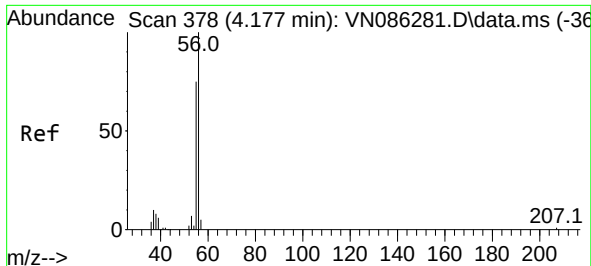
Tgt Ion: 59 Resp: 130719
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.172 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 96 Resp: 124290
Ion Ratio Lower Upper
96 100
61 158.3 126.6 189.8
98 64.4 49.6 74.4

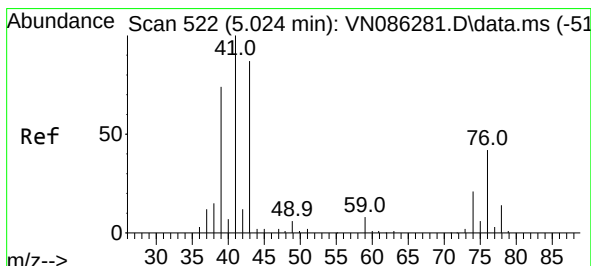
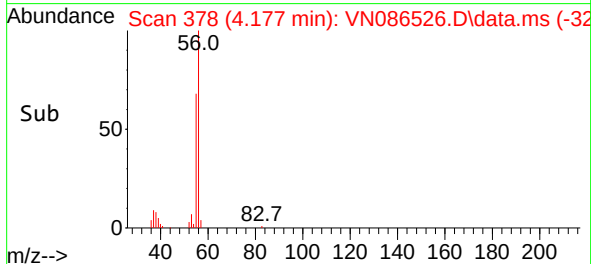
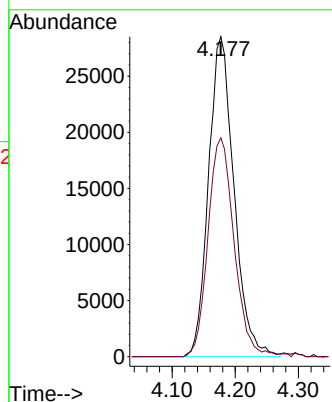
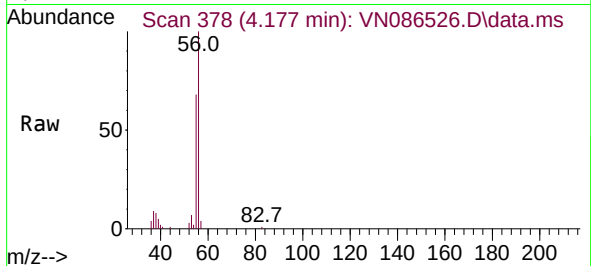




#13
Acrolein
Concen: 272.023 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

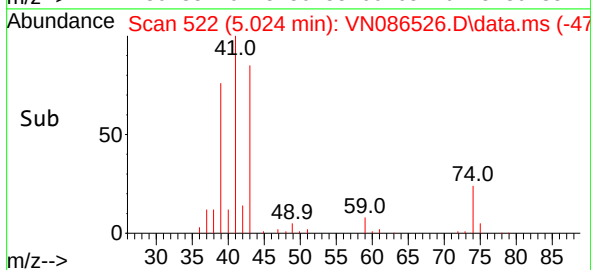
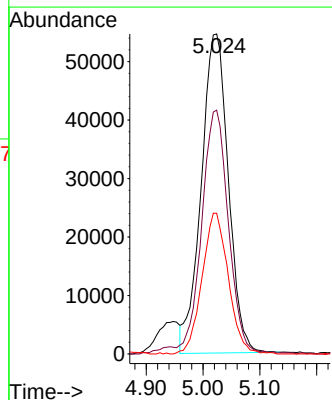
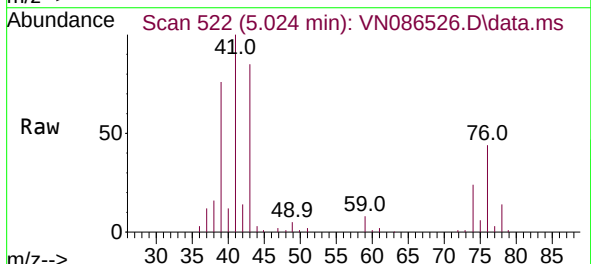
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

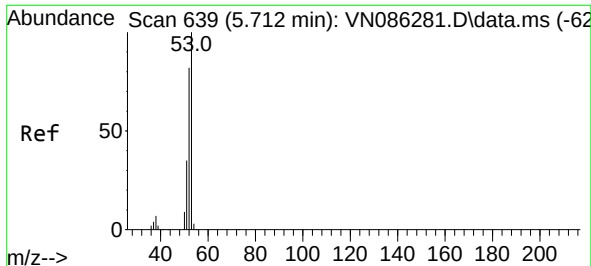
Tgt Ion: 56 Resp: 79840
Ion Ratio Lower Upper
56 100
55 70.3 58.5 87.7



#14
Allyl chloride
Concen: 36.180 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 41 Resp: 180975
Ion Ratio Lower Upper
41 100
39 77.0 59.2 88.8
76 42.7 31.2 46.8

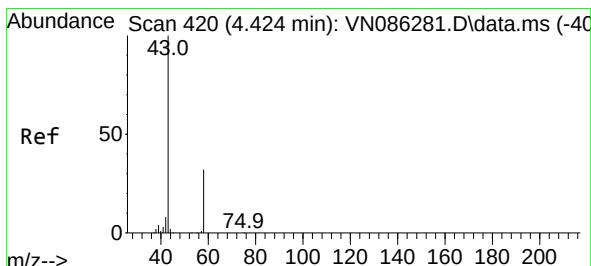
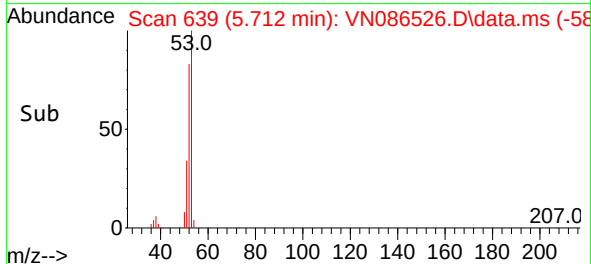
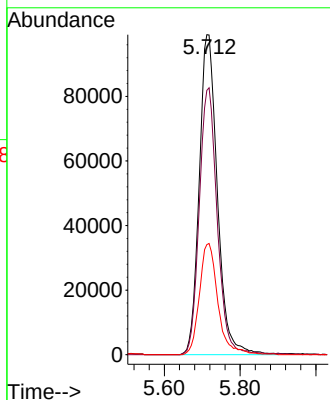
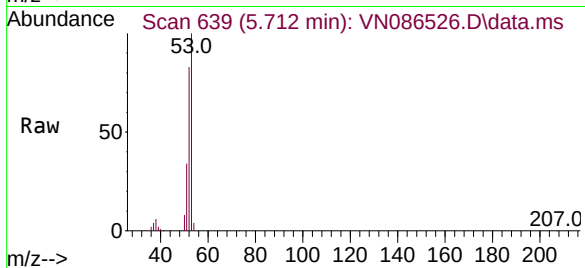




#15
Acrylonitrile
Concen: 211.060 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

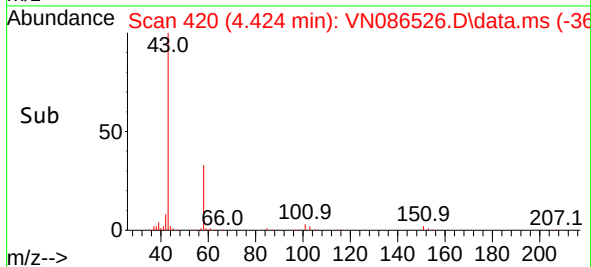
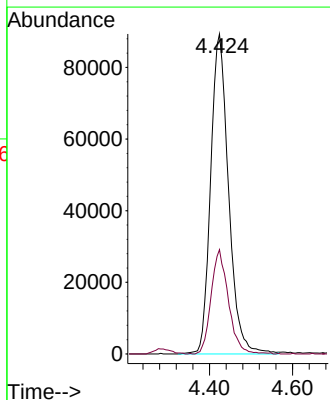
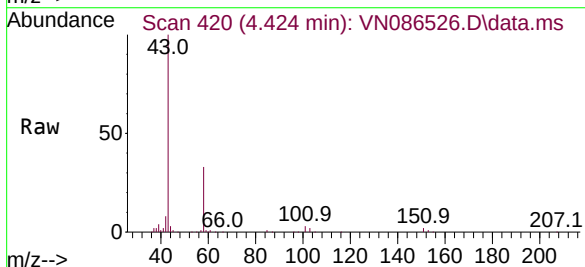
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

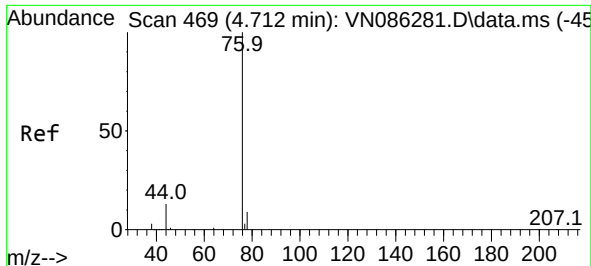
Tgt Ion: 53 Resp: 330018
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 35.4 28.6 42.8



#16
Acetone
Concen: 222.173 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 43 Resp: 267053
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9

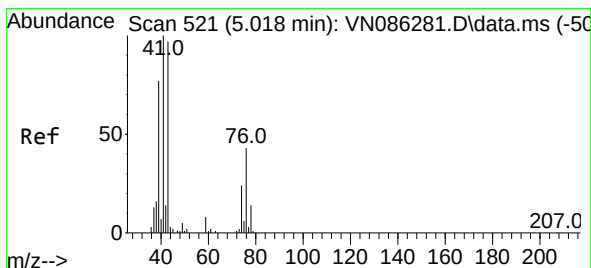
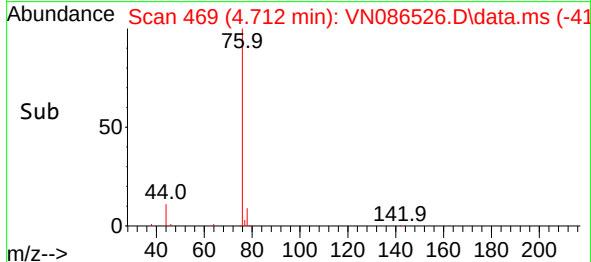
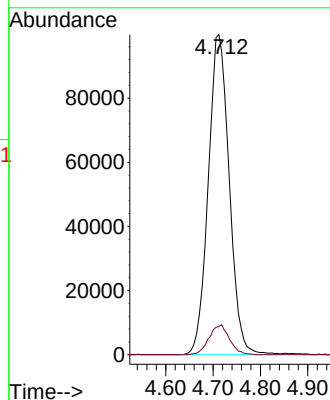
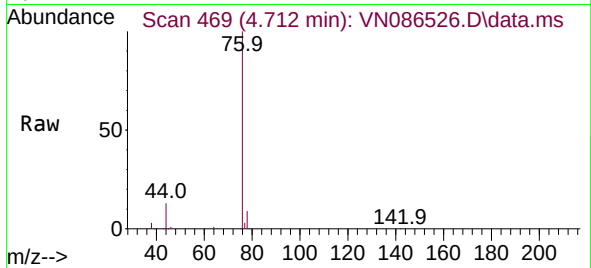




#17
Carbon Disulfide
Concen: 36.491 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

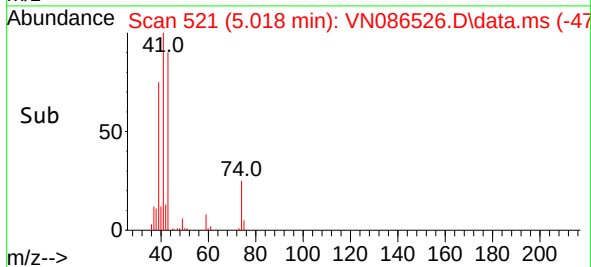
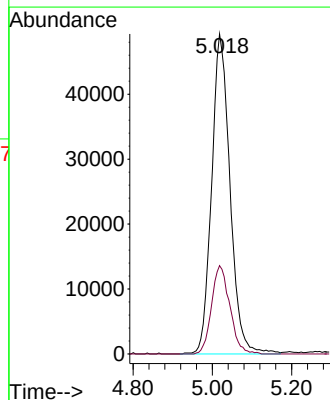
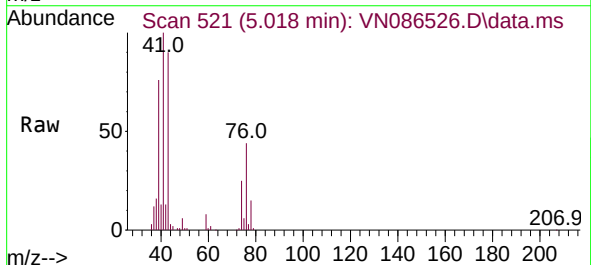
Instrument :
MSVOA_N
ClientSampleId :
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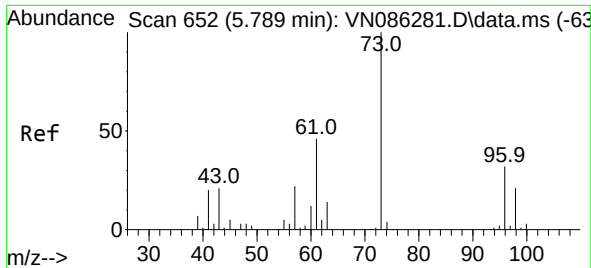
Tgt Ion: 76 Resp: 307438
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 38.145 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 43 Resp: 158732
Ion Ratio Lower Upper
43 100
74 27.4 19.8 29.6

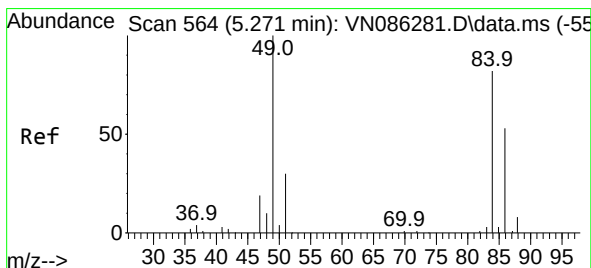
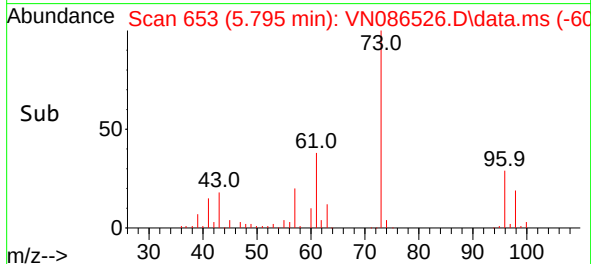
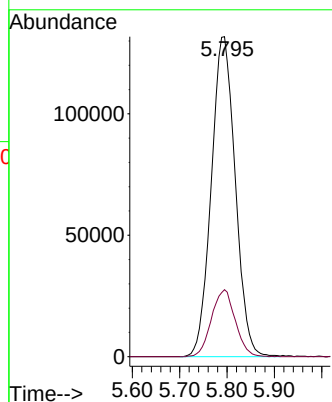
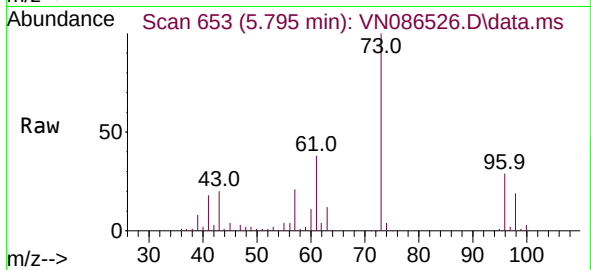




#19
Methyl tert-butyl Ether
Concen: 44.838 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

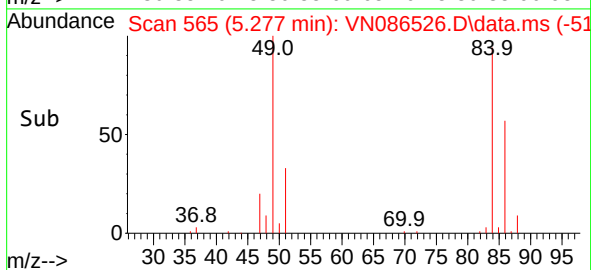
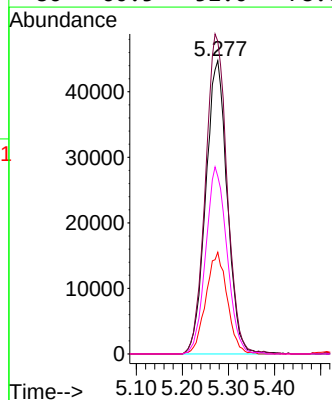
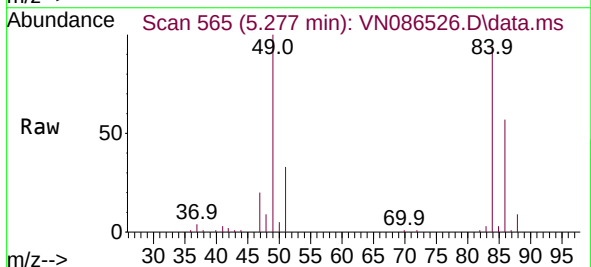
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

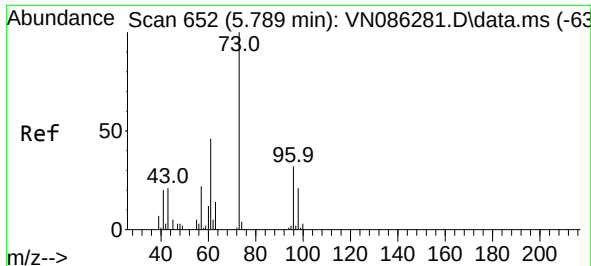
Tgt Ion: 73 Resp: 463773
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4



#20
Methylene Chloride
Concen: 45.435 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 84 Resp: 145614
Ion Ratio Lower Upper
84 100
49 106.6 98.2 147.2
51 34.7 29.8 44.6
86 60.5 52.0 78.0

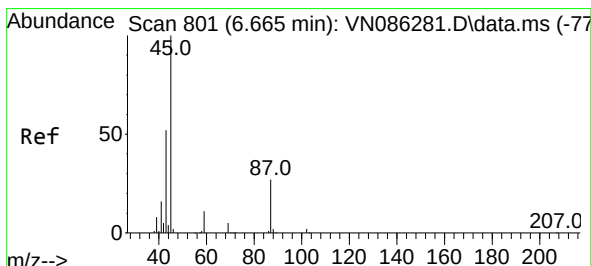
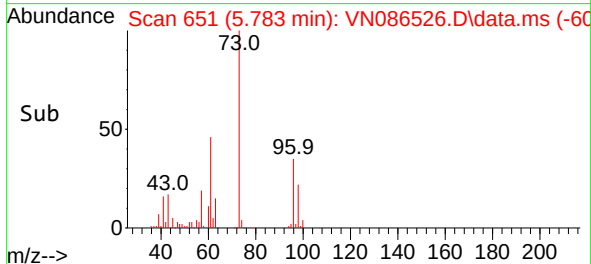
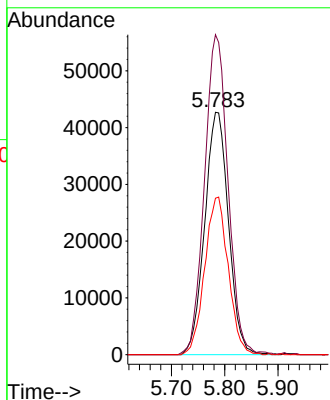
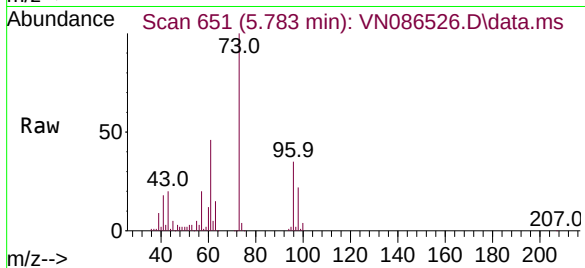




#21
trans-1,2-Dichloroethene
Concen: 45.114 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

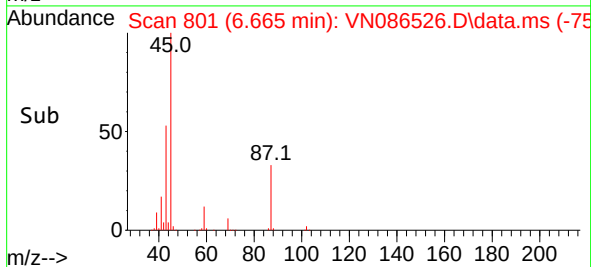
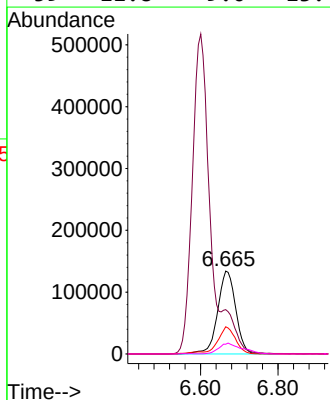
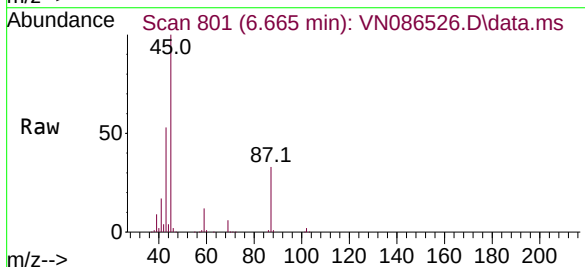
Instrument :
MSVOA_N
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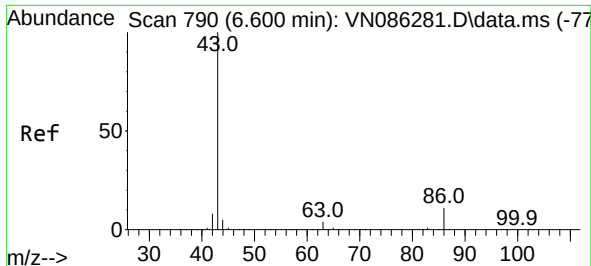
Tgt Ion: 96 Resp: 132715
Ion Ratio Lower Upper
96 100
61 132.0 114.6 171.8
98 64.6 51.2 76.8



#22
Diisopropyl ether
Concen: 39.824 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 45 Resp: 433340
Ion Ratio Lower Upper
45 100
43 53.0 41.8 62.8
87 32.8 21.6 32.4#
59 11.8 9.0 13.4

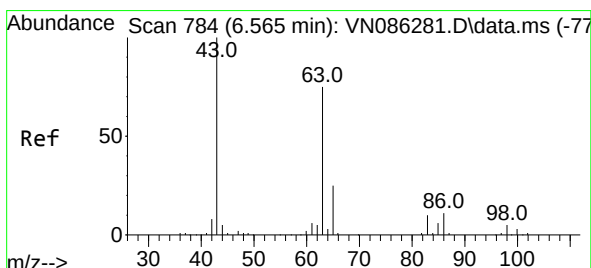
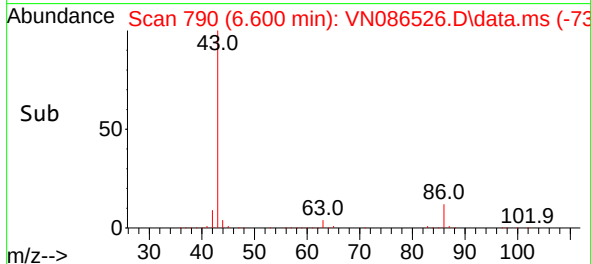
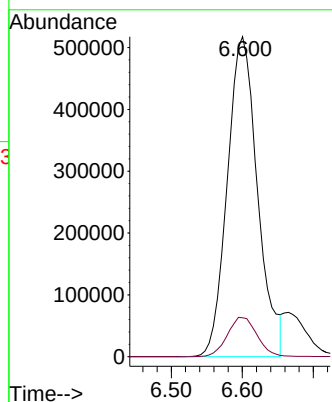
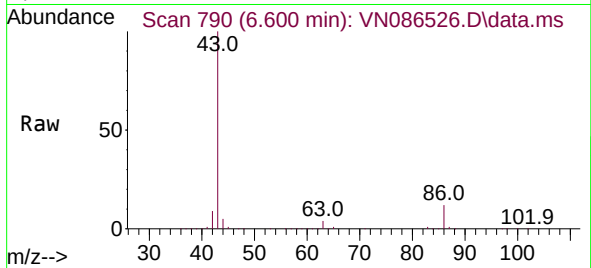




#23
 Vinyl Acetate
 Concen: 201.592 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

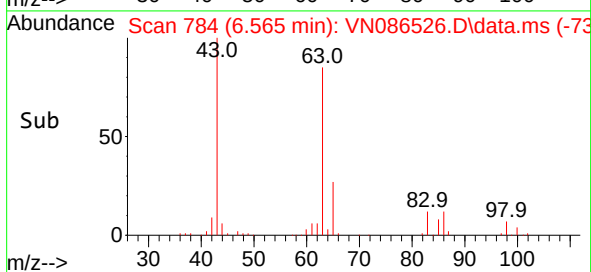
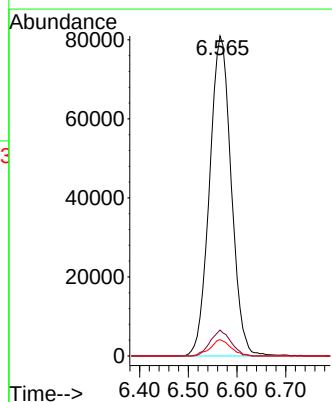
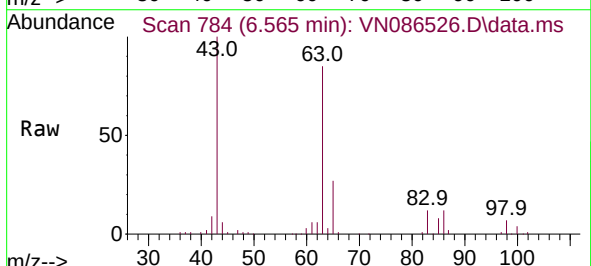
Instrument :
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 ClientSampleId :
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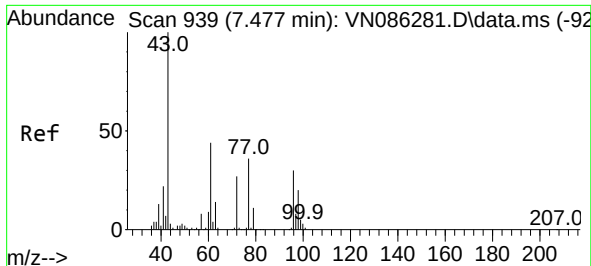
Tgt Ion: 43 Resp: 1533418
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 43.608 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

Tgt Ion: 63 Resp: 250367
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 5.1 2.1 6.5

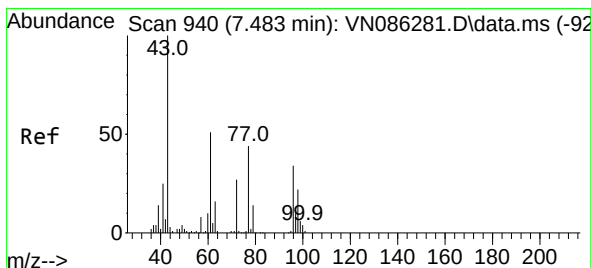
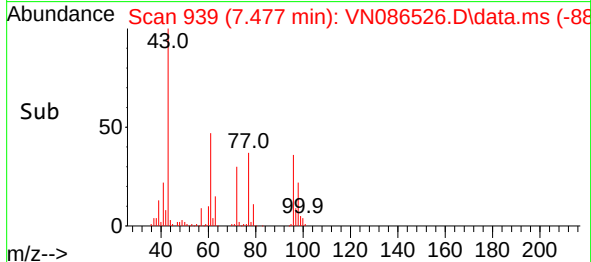
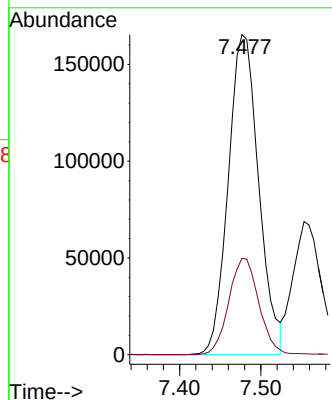
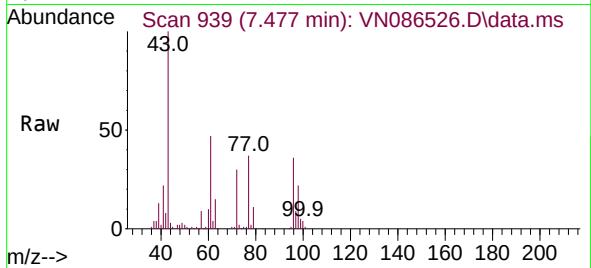




#25
2-Butanone
Concen: 199.996 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

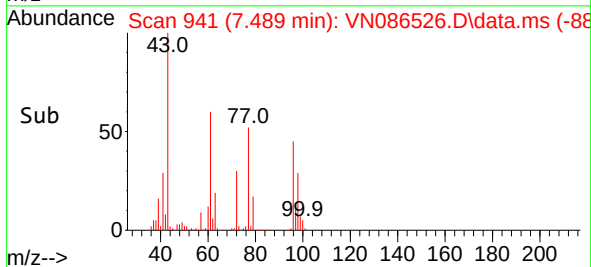
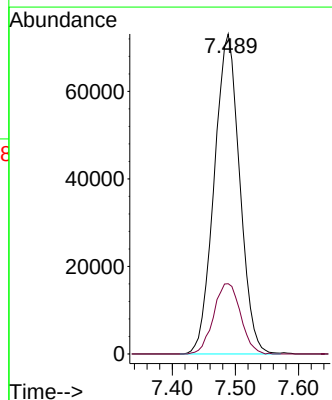
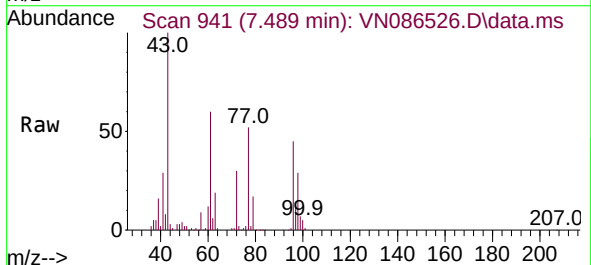
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

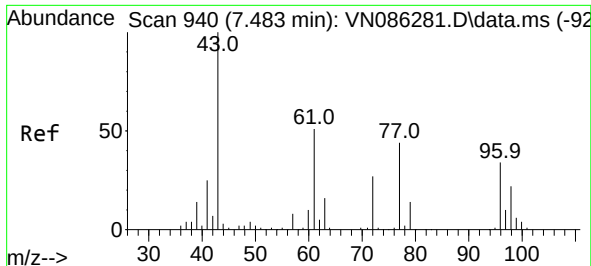
Tgt Ion: 43 Resp: 431556
Ion Ratio Lower Upper
43 100
72 30.1 21.7 32.5



#26
2,2-Dichloropropane
Concen: 39.859 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 77 Resp: 204894
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.5

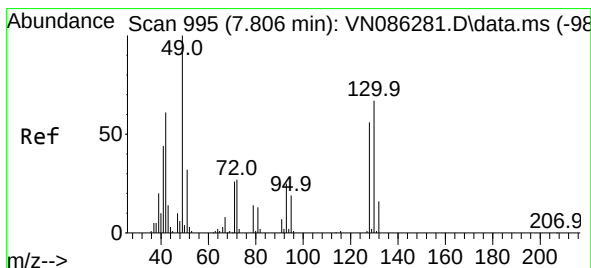
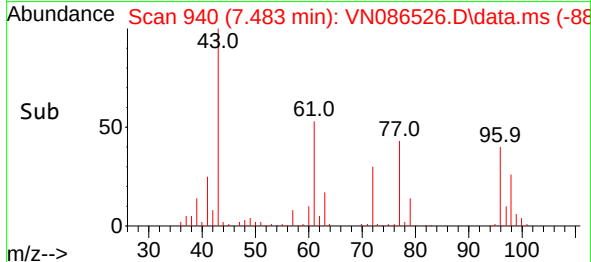
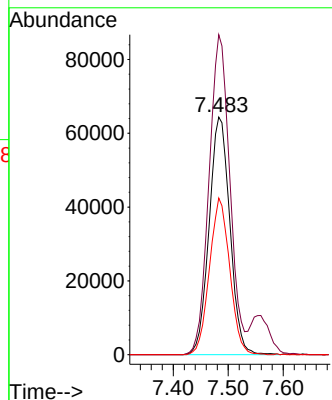
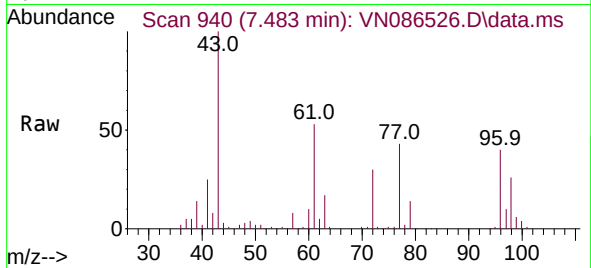




#27
 cis-1,2-Dichloroethene
 Concen: 46.350 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

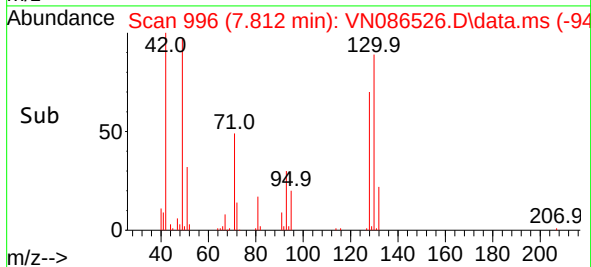
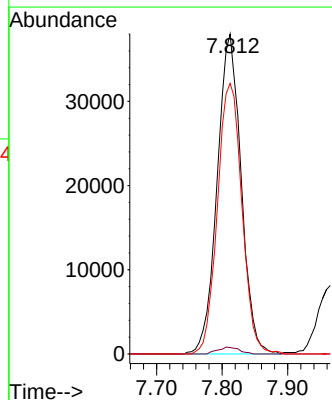
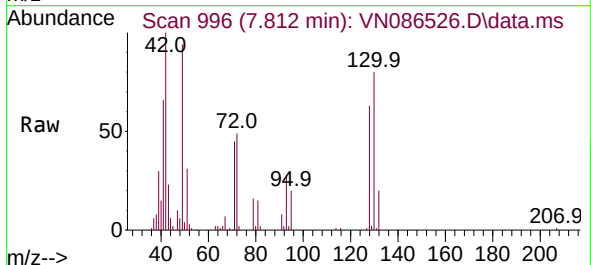
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

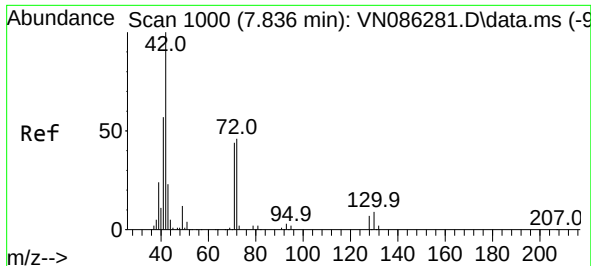
Tgt Ion: 96 Resp: 169231
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 299.0
 98 64.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 39.515 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

Tgt Ion: 49 Resp: 96193
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 86.4 57.1 85.7#





#29

Tetrahydrofuran

Concen: 192.725 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

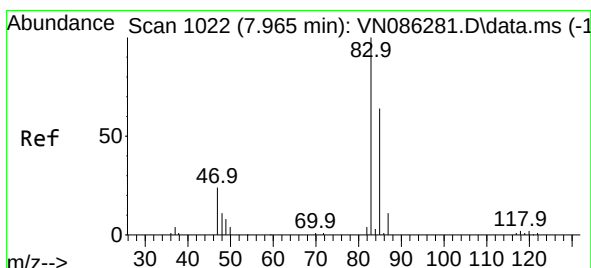
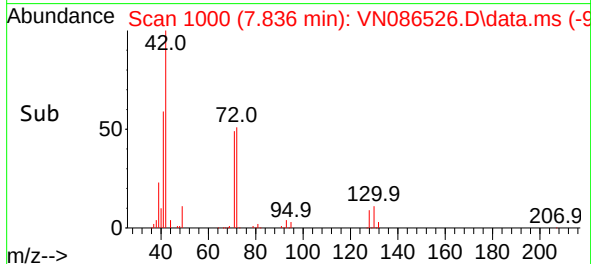
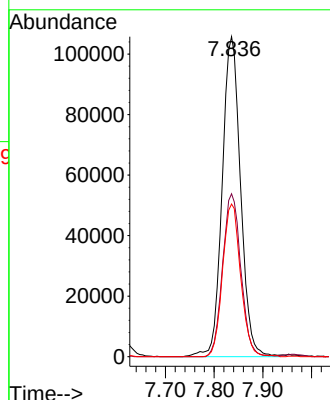
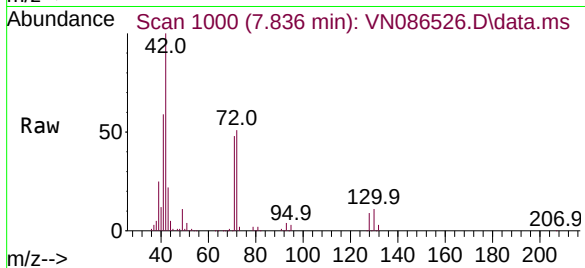
Tgt Ion: 42 Resp: 278093

Ion Ratio Lower Upper

42 100

72 50.5 36.2 54.4

71 47.0 34.0 51.0



#30

Chloroform

Concen: 45.771 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086526.D

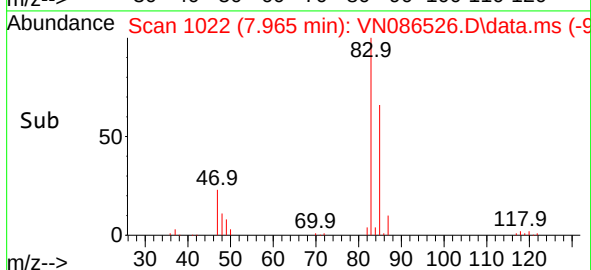
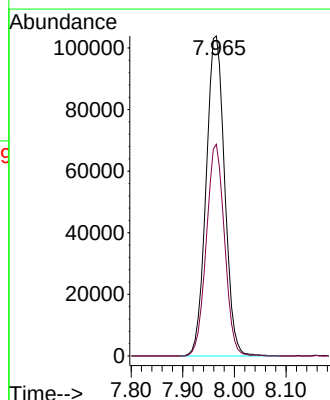
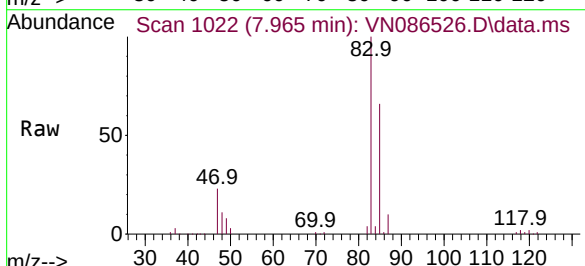
Acq: 06 May 2025 19:48

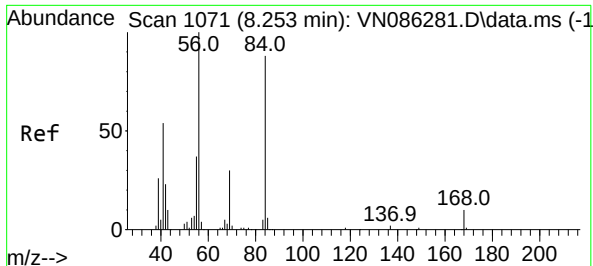
Tgt Ion: 83 Resp: 258141

Ion Ratio Lower Upper

83 100

85 66.2 51.5 77.3

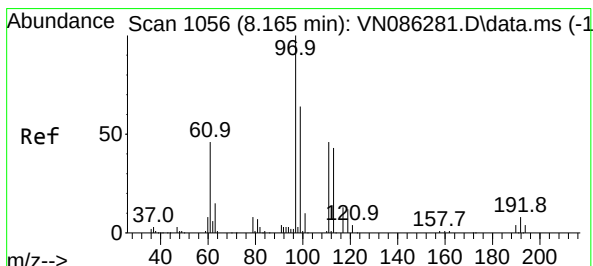
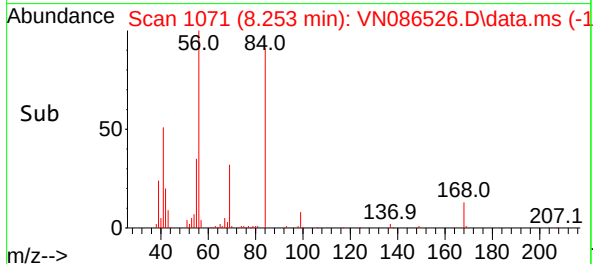
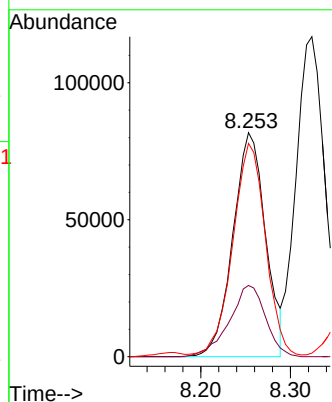
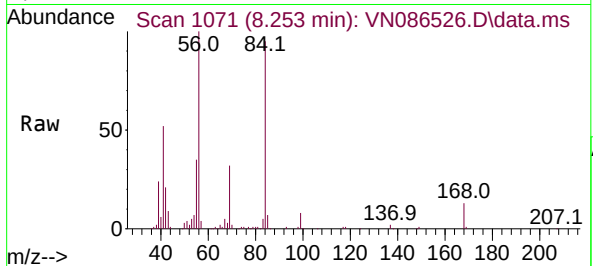




#31
Cyclohexane
Concen: 36.805 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

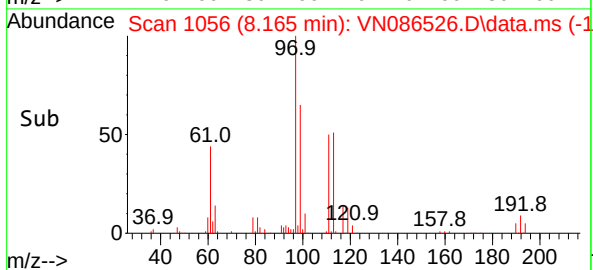
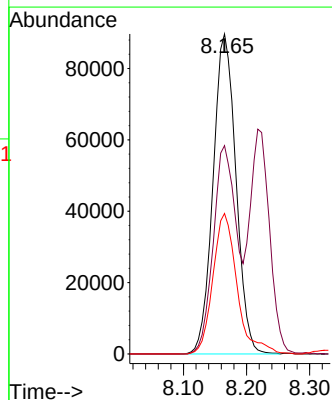
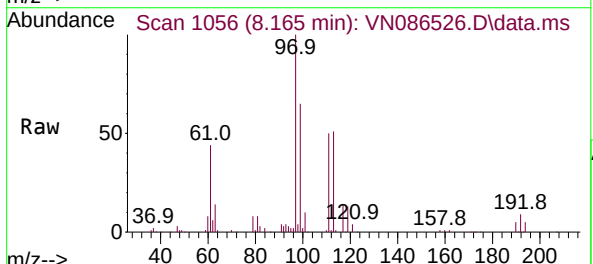
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

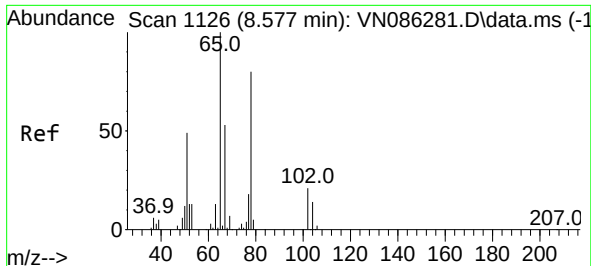
Tgt Ion: 56 Resp: 206773
Ion Ratio Lower Upper
56 100
69 31.5 24.2 36.2
84 93.8 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 46.764 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 97 Resp: 225623
Ion Ratio Lower Upper
97 100
99 66.4 52.7 79.1
61 46.4 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 44.488 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

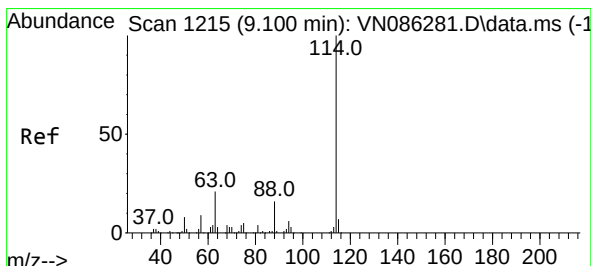
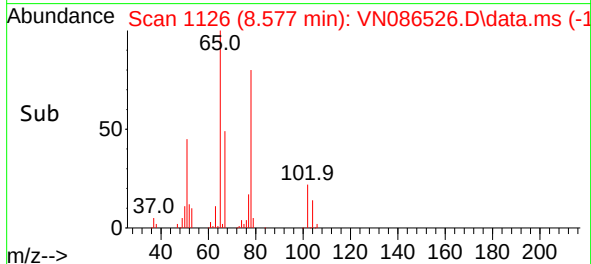
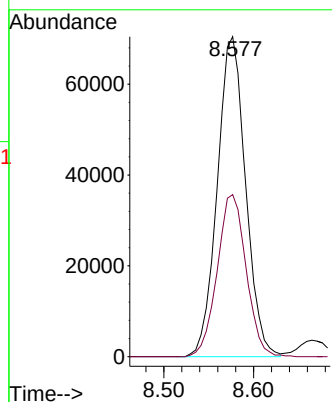
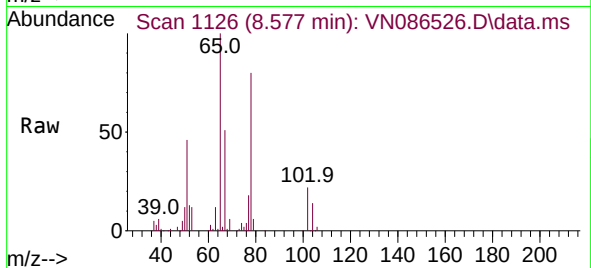
VSTDCCC050EC

Tgt Ion: 65 Resp: 154226

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

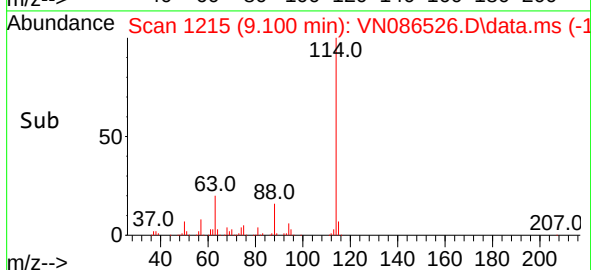
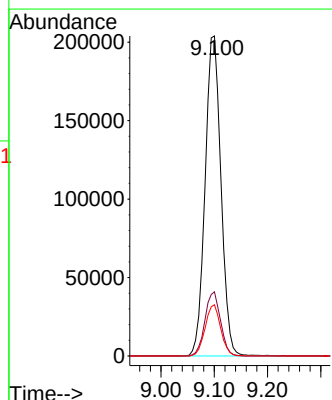
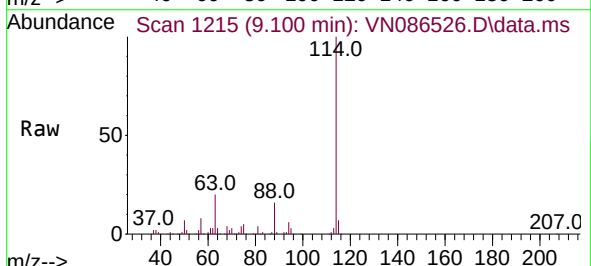
Tgt Ion: 114 Resp: 421347

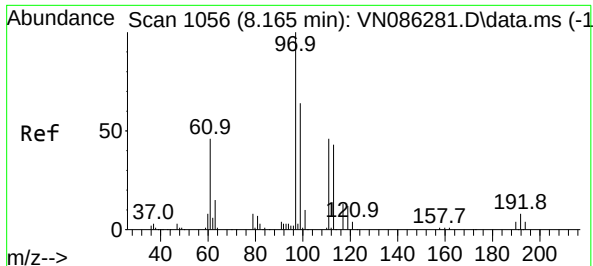
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.103 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

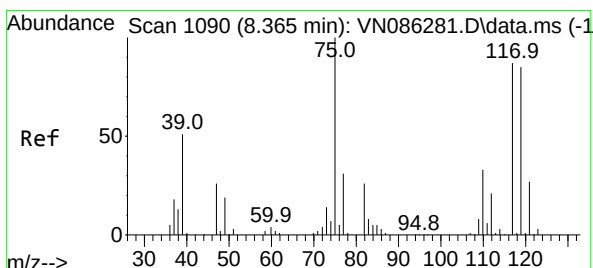
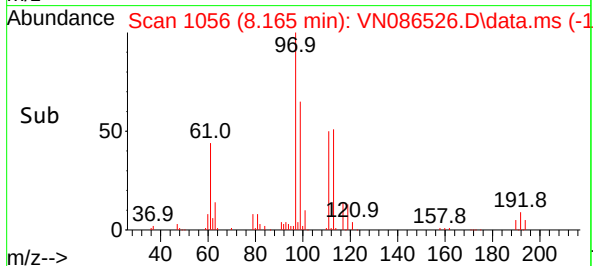
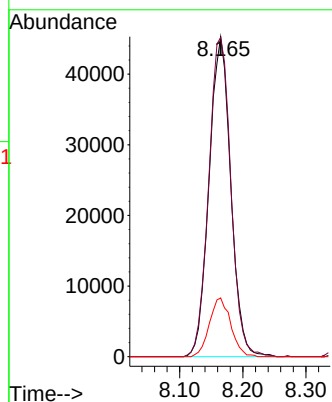
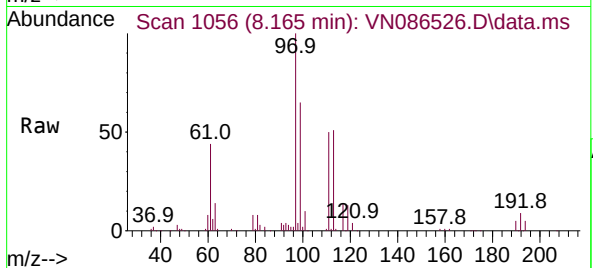
Tgt Ion:113 Resp: 107756

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 18.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 46.135 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

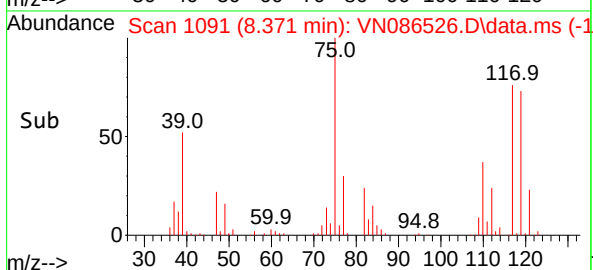
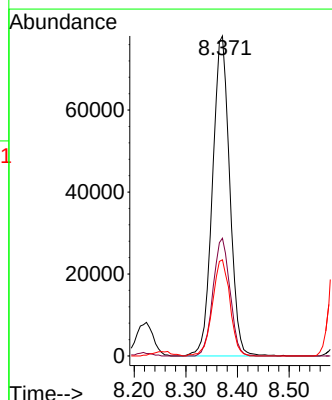
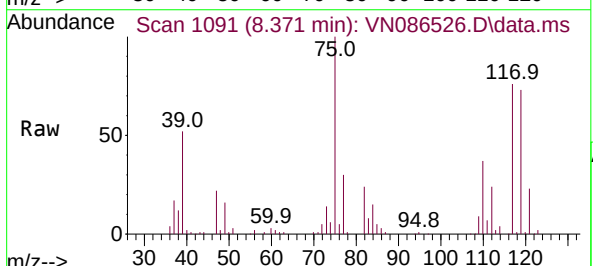
Tgt Ion: 75 Resp: 180196

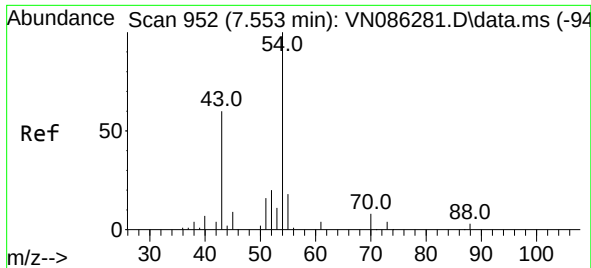
Ion Ratio Lower Upper

75 100

110 36.3 16.8 50.4

77 30.6 24.9 37.3

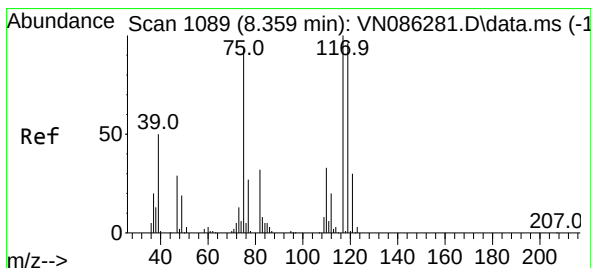
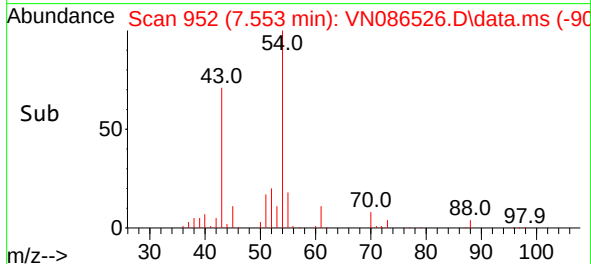
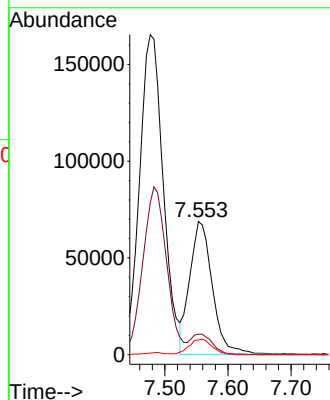
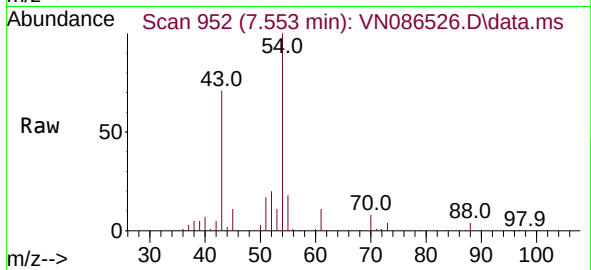




#37
Ethyl Acetate
Concen: 41.542 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

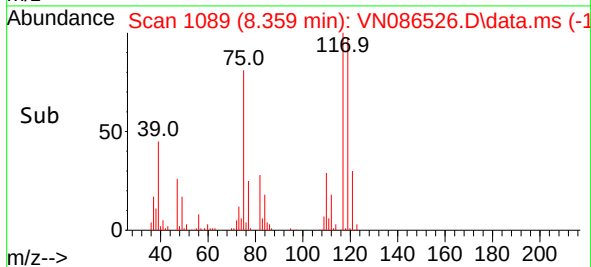
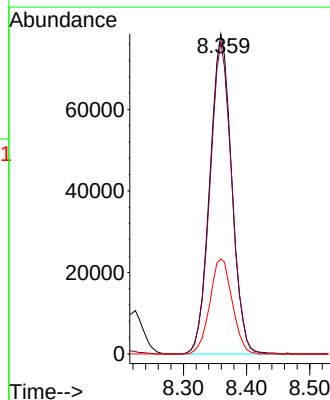
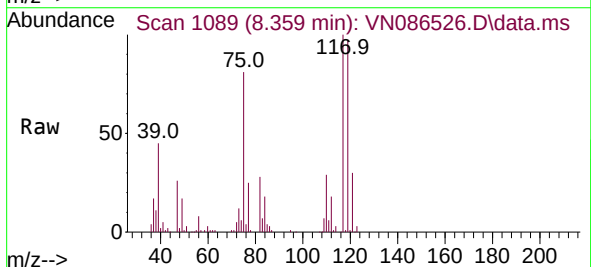
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

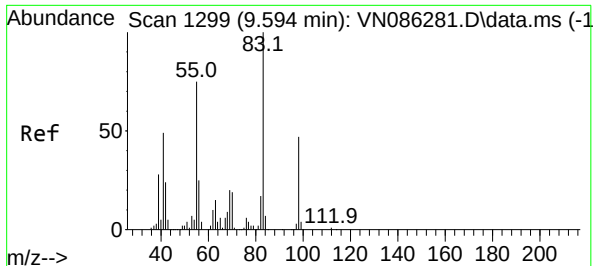
Tgt Ion: 43 Resp: 170823
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.640 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 117 Resp: 188360
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 29.7 23.8 35.8





#39

Methylcyclohexane

Concen: 42.006 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

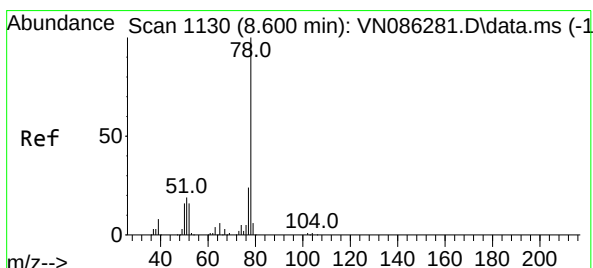
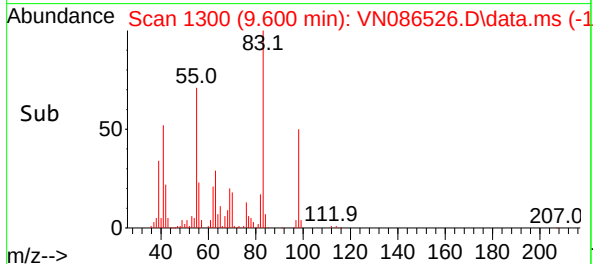
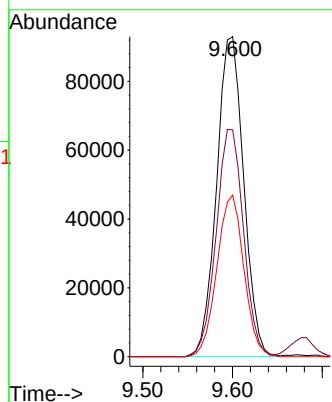
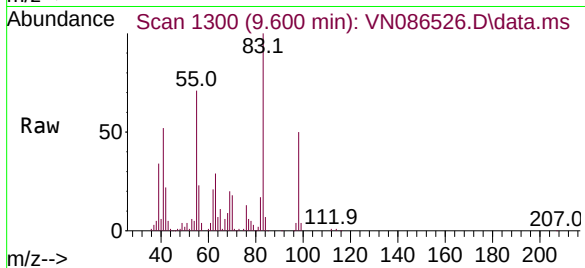
Tgt Ion: 83 Resp: 195012

Ion Ratio Lower Upper

83 100

55 70.9 59.8 89.8

98 50.5 37.9 56.9



#40

Benzene

Concen: 46.525 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086526.D

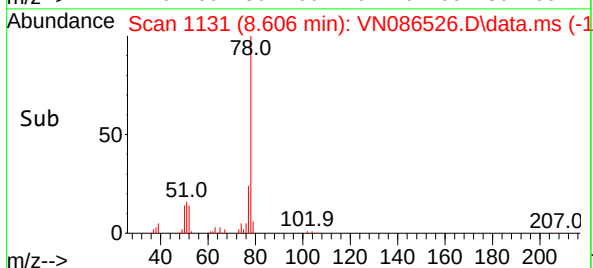
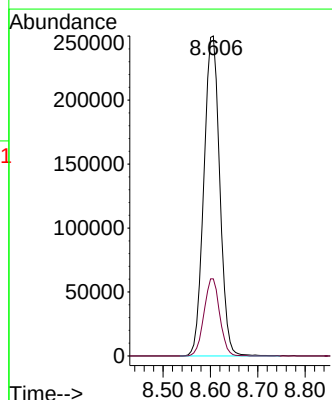
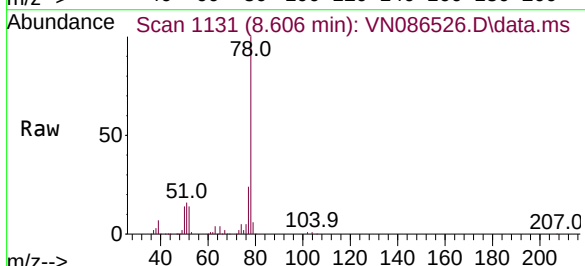
Acq: 06 May 2025 19:48

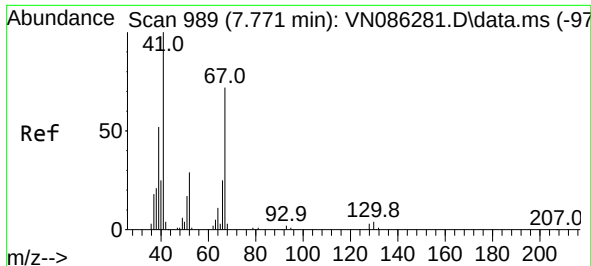
Tgt Ion: 78 Resp: 582216

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.2

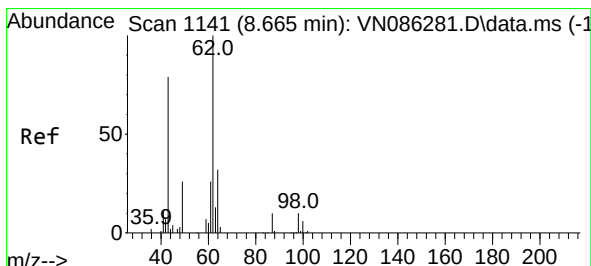
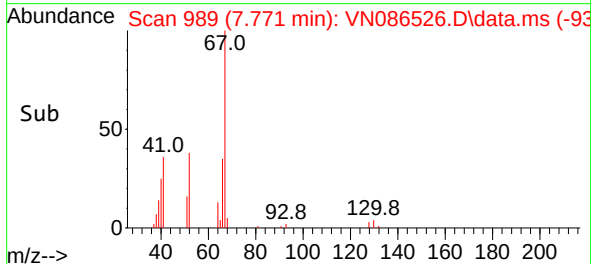
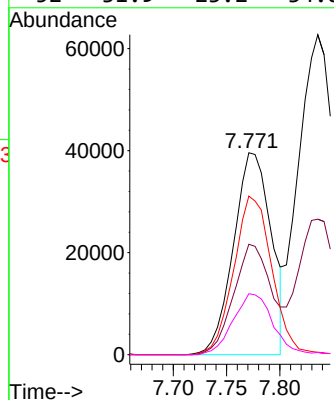
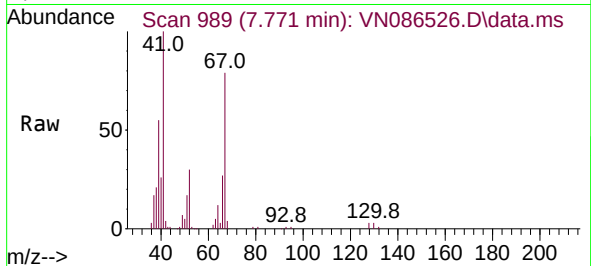




#41
Methacrylonitrile
Concen: 40.903 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

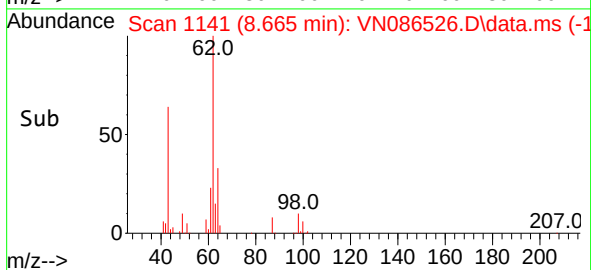
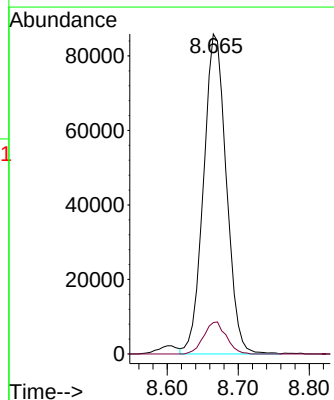
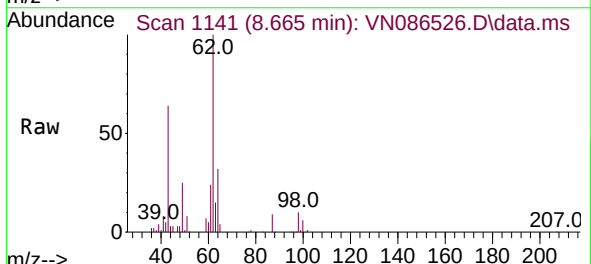
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

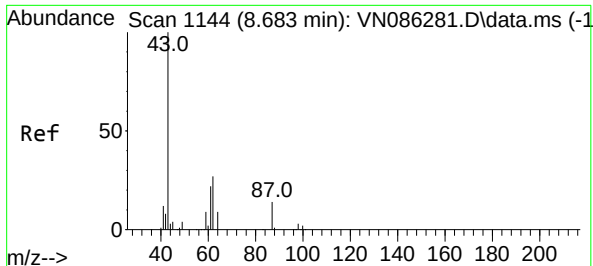
Tgt Ion:	41	Resp:	97482
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.0	64.4
67	79.7	58.8	88.2
52	31.9	23.2	34.8



#42
1,2-Dichloroethane
Concen: 48.131 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:	62	Resp:	192076
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

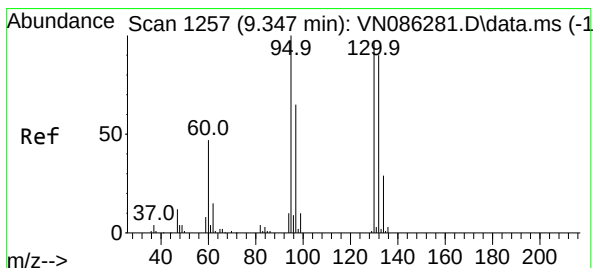
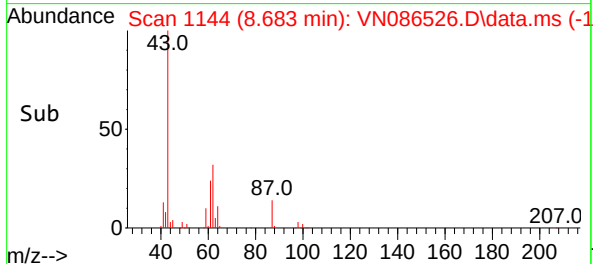
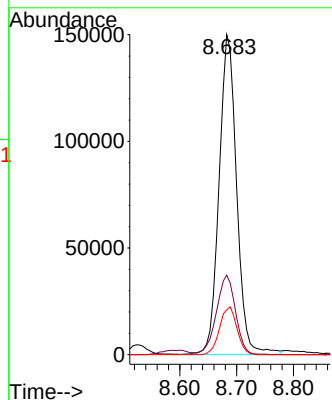
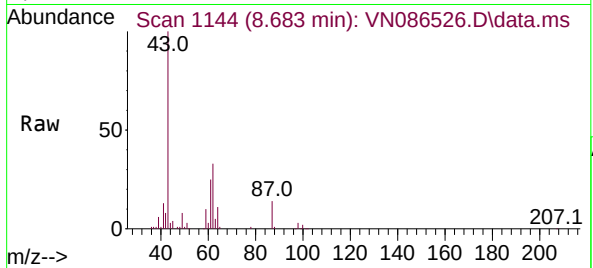




#43
Isopropyl Acetate
Concen: 43.383 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

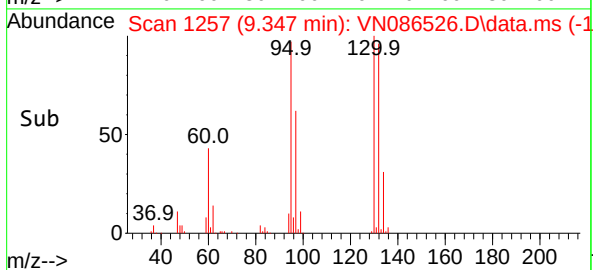
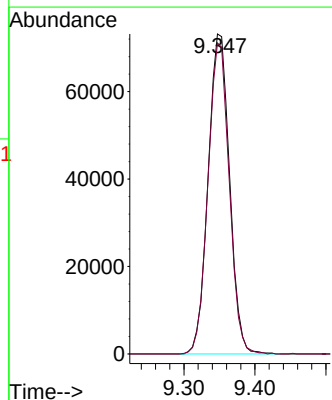
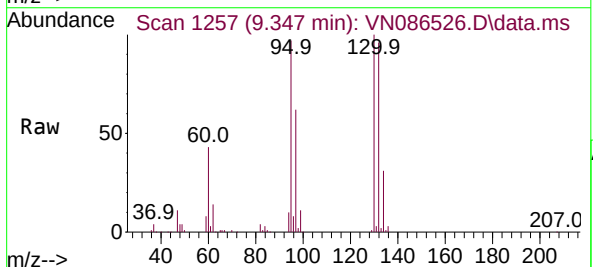
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

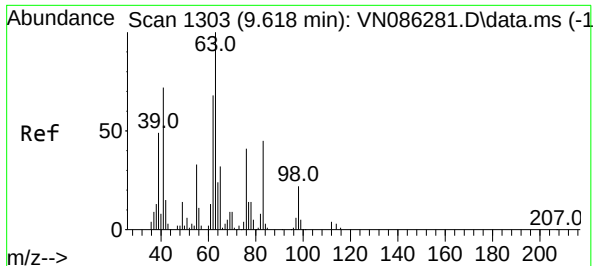
Tgt Ion: 43 Resp: 322135
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7
87 14.8 10.5 15.7



#44
Trichloroethene
Concen: 51.631 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:130 Resp: 153142
Ion Ratio Lower Upper
130 100
95 97.2 0.0 207.2





#45

1,2-Dichloropropane

Concen: 44.723 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

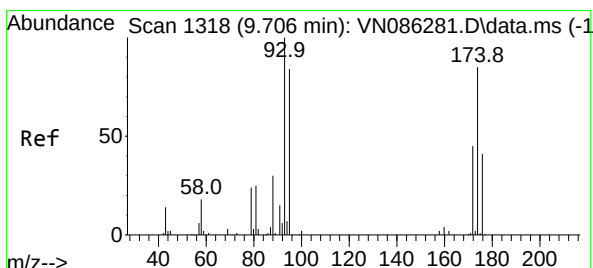
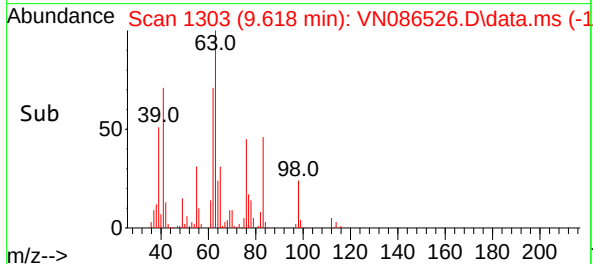
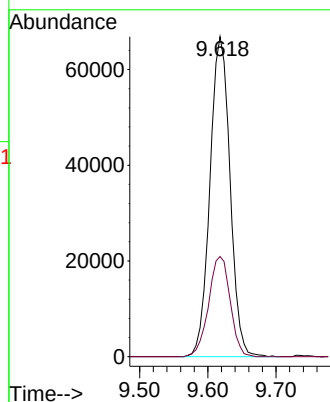
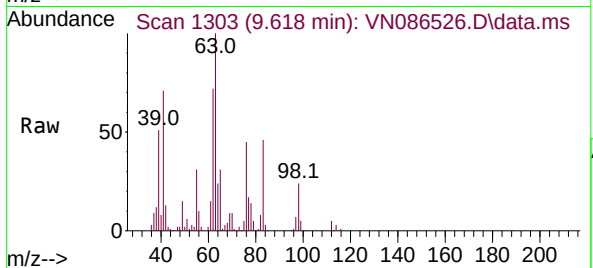
VSTDCCC050EC

Tgt Ion: 63 Resp: 136998

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 51.211 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

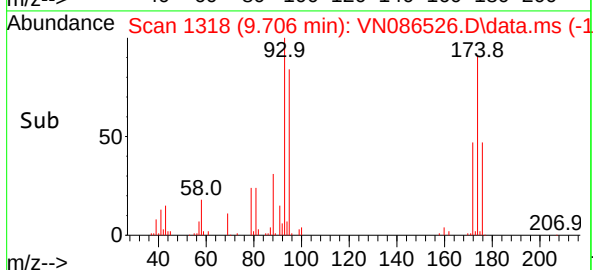
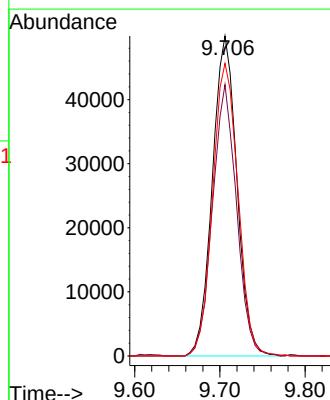
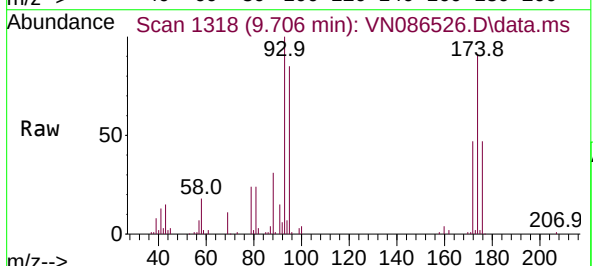
Tgt Ion: 93 Resp: 99950

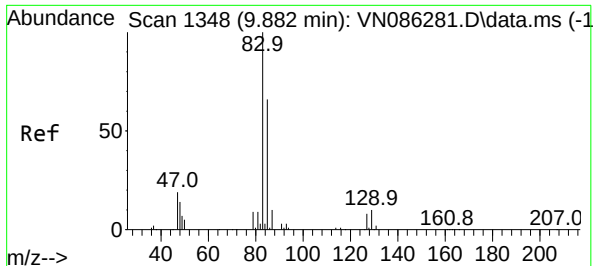
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 94.3 67.8 101.6

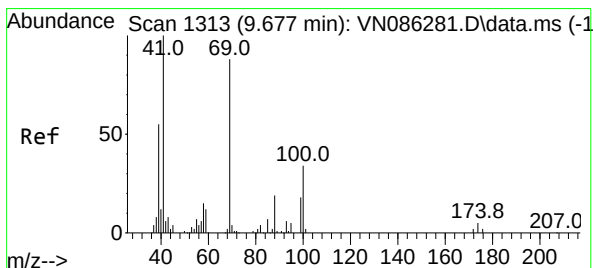
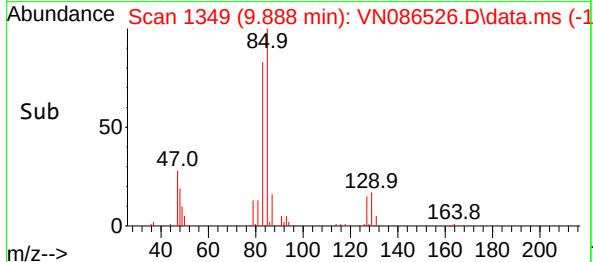
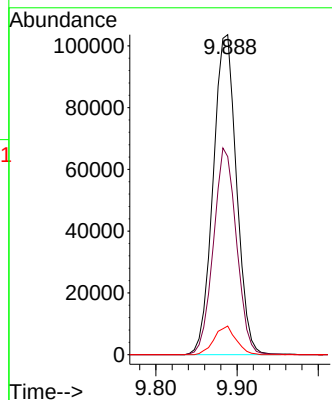
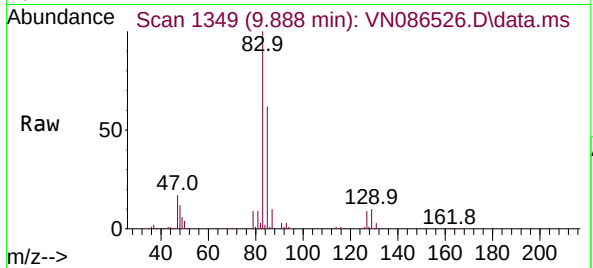




#47
Bromodichloromethane
Concen: 49.187 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

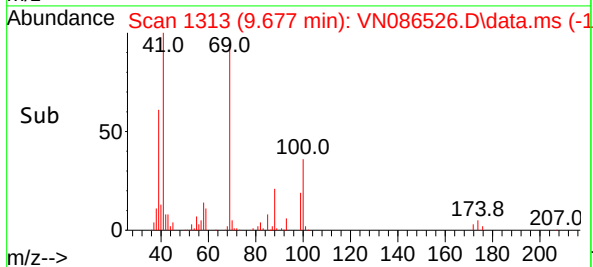
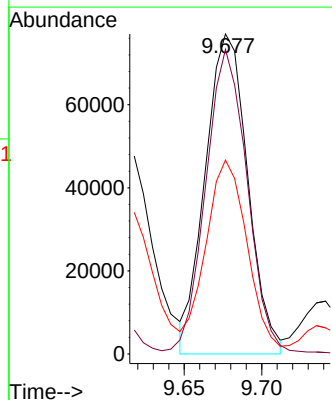
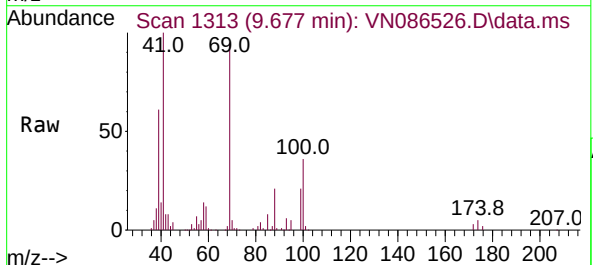
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

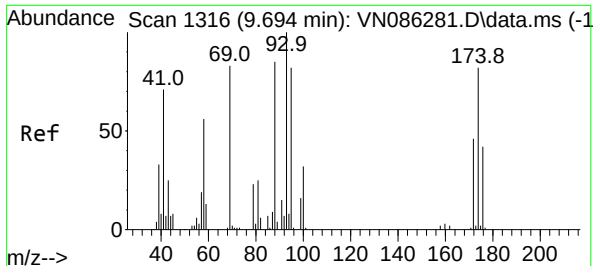
Tgt Ion: 83 Resp: 207344
Ion Ratio Lower Upper
83 100
85 61.9 52.6 78.8
127 9.0 6.1 9.1



#48
Methyl methacrylate
Concen: 40.621 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 41 Resp: 146685
Ion Ratio Lower Upper
41 100
69 92.7 68.2 102.2
39 59.7 45.2 67.8





#49

1,4-Dioxane

Concen: 939.423 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

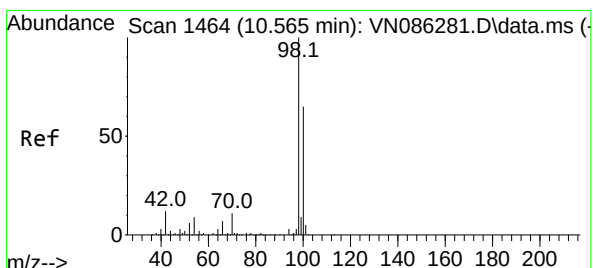
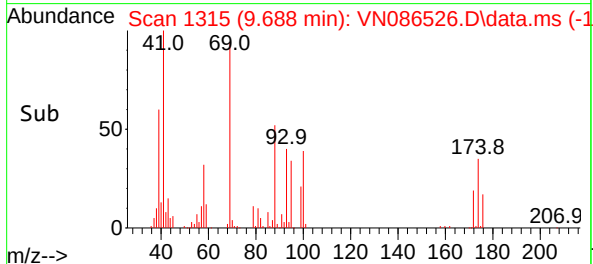
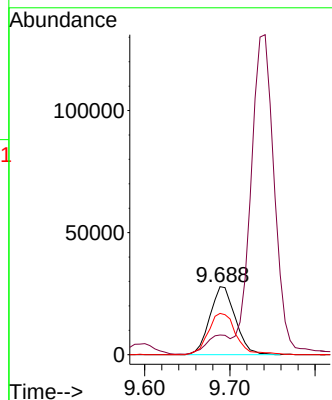
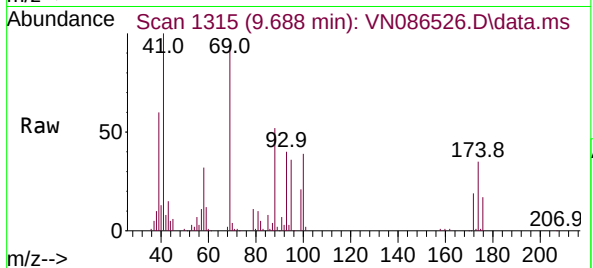
Tgt Ion: 88 Resp: 57703

Ion Ratio Lower Upper

88 100

43 25.9 23.8 35.8

58 66.4 57.4 86.2



#50

Toluene-d8

Concen: 47.649 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086526.D

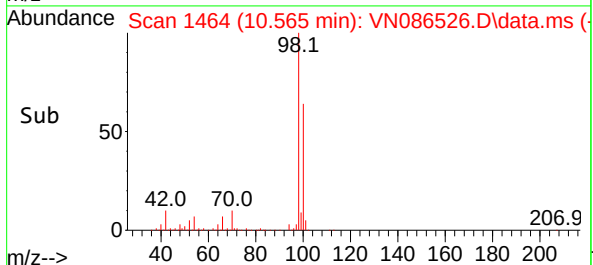
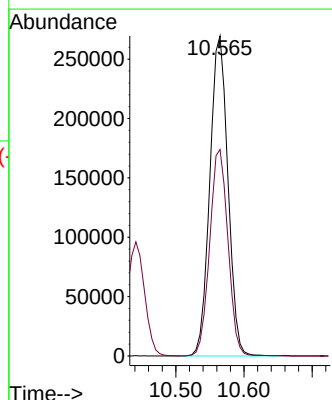
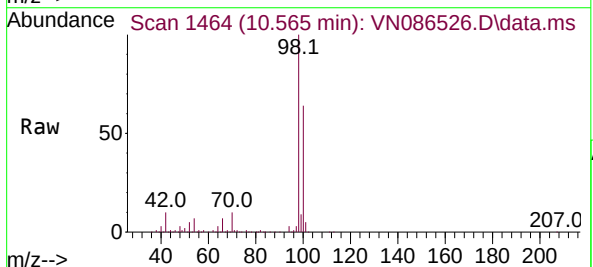
Acq: 06 May 2025 19:48

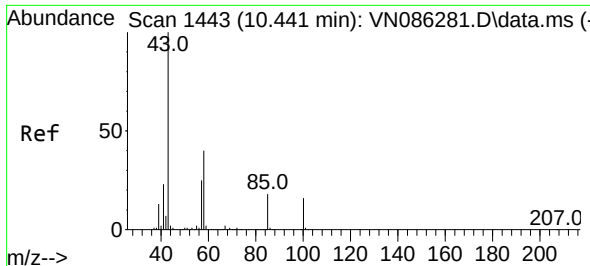
Tgt Ion: 98 Resp: 497998

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7

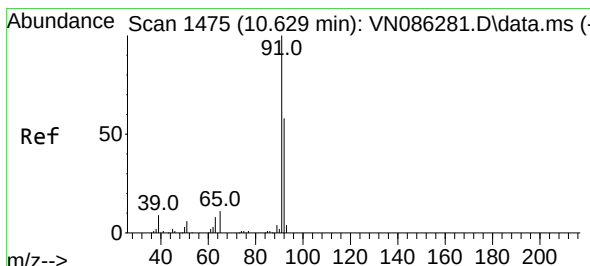
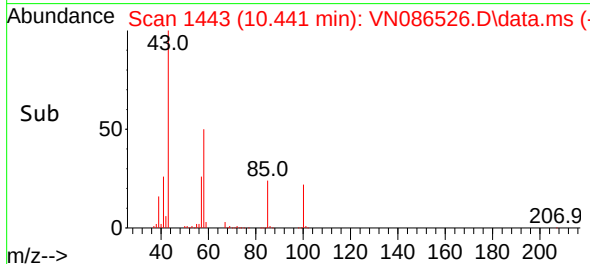
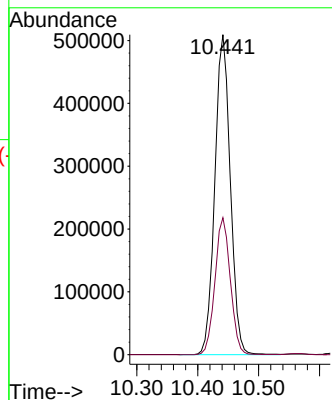
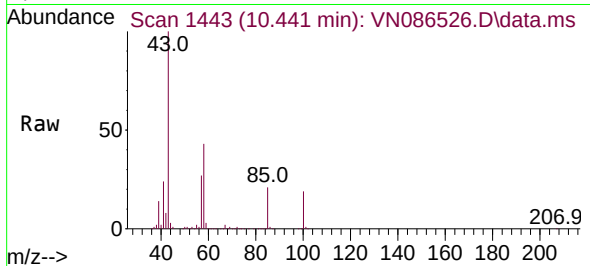




#51
4-Methyl-2-Pentanone
Concen: 214.016 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

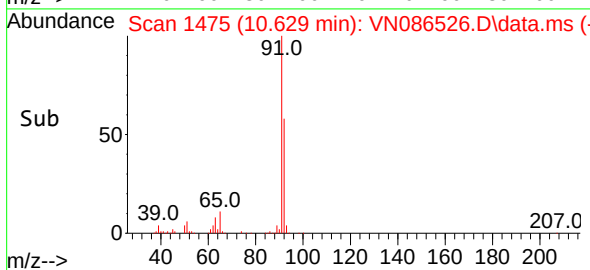
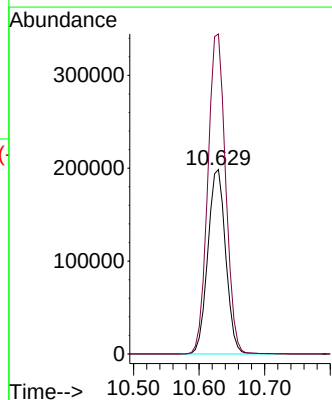
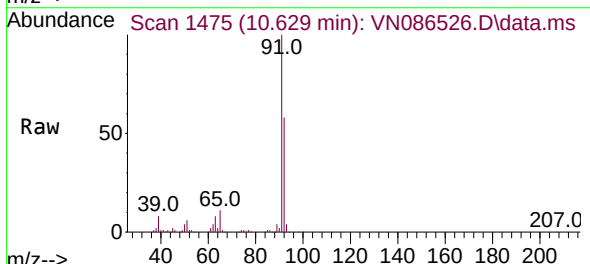
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

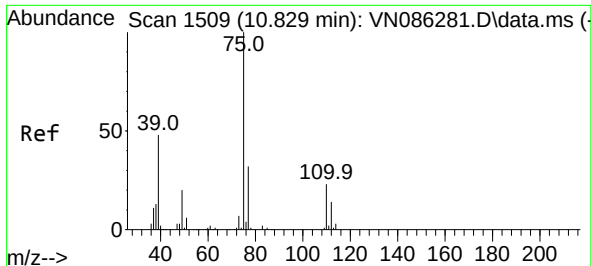
Tgt Ion: 43 Resp: 901171
Ion Ratio Lower Upper
43 100
58 42.5 32.2 48.4



#52
Toluene
Concen: 48.115 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 92 Resp: 375704
Ion Ratio Lower Upper
92 100
91 173.3 137.3 205.9

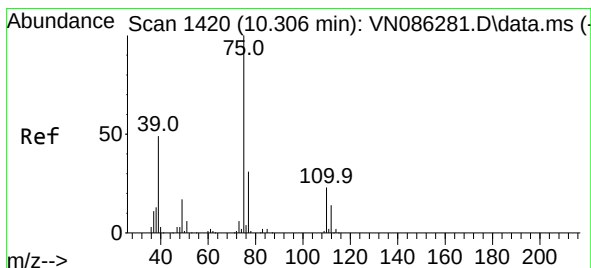
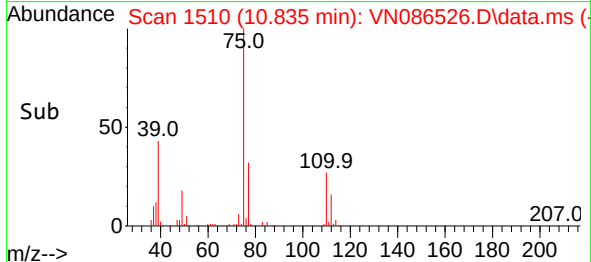
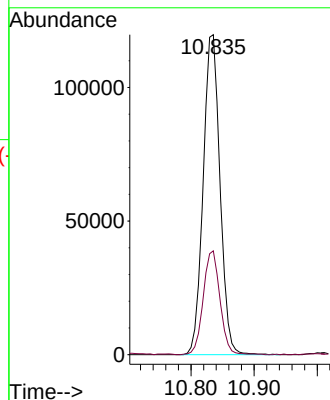
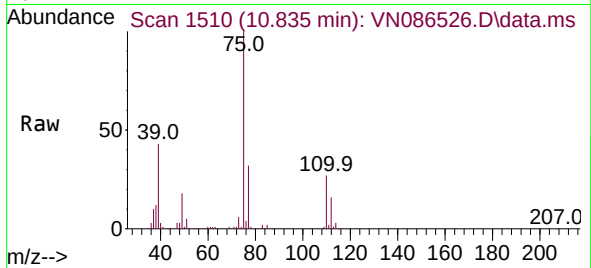




#53
t-1,3-Dichloropropene
Concen: 47.097 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

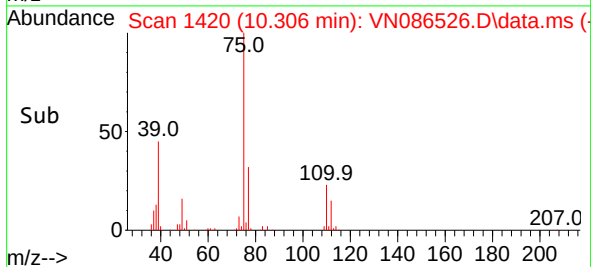
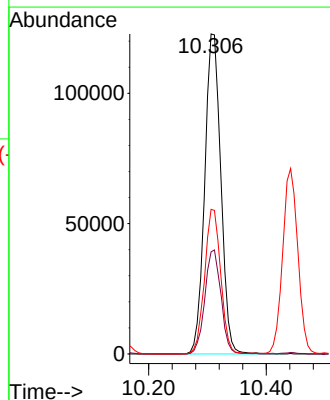
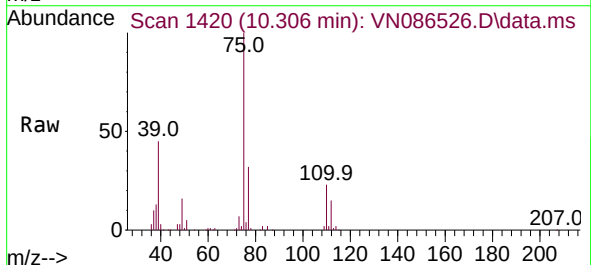
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

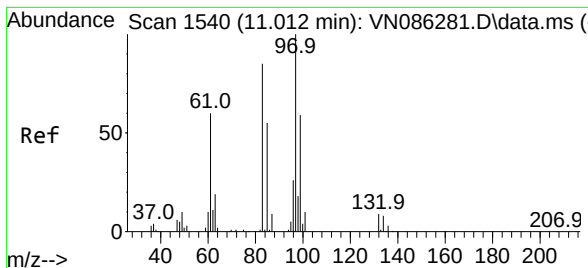
Tgt Ion: 75 Resp: 221619
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 45.333 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 75 Resp: 234297
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 45.2 39.3 58.9

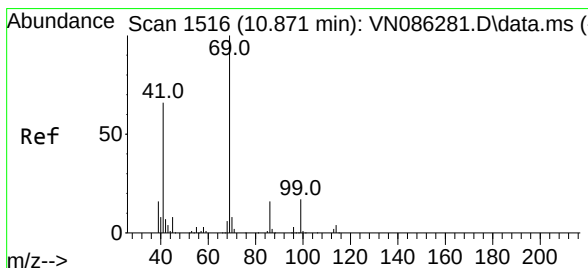
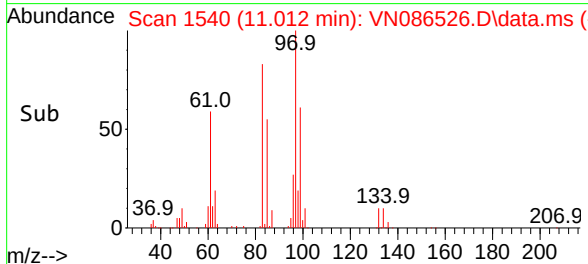
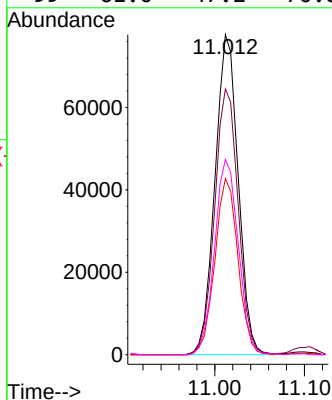
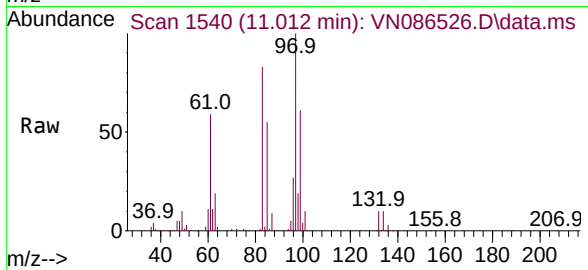




#55
1,1,2-Trichloroethane
Concen: 49.681 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

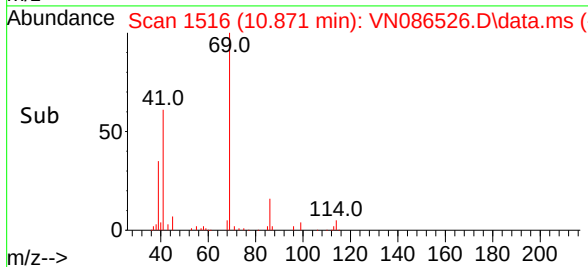
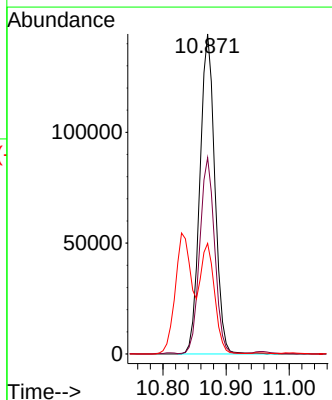
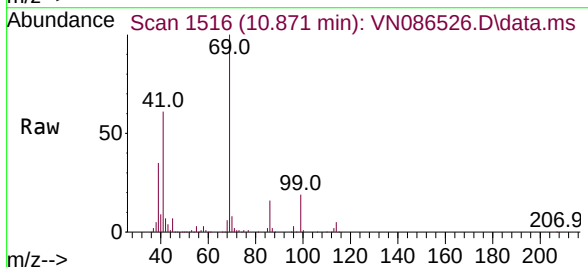
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

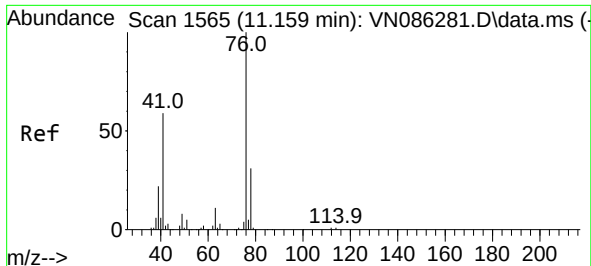
Tgt Ion:	97	Resp:	139573
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.4	102.6
85	55.0	43.9	65.9
99	61.0	47.2	70.8



#56
Ethyl methacrylate
Concen: 46.007 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:	69	Resp:	237587
Ion	Ratio	Lower	Upper
69	100		
41	60.9	51.7	77.5
39	31.9	26.3	39.5





#57

1,3-Dichloropropane

Concen: 47.852 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

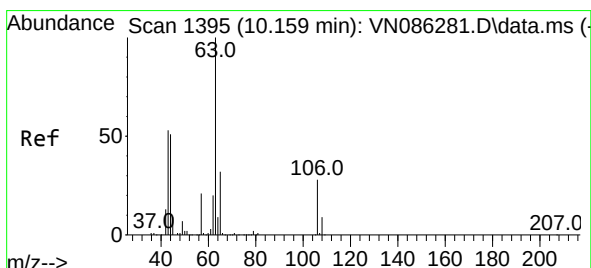
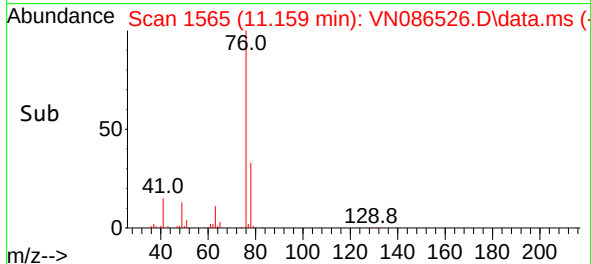
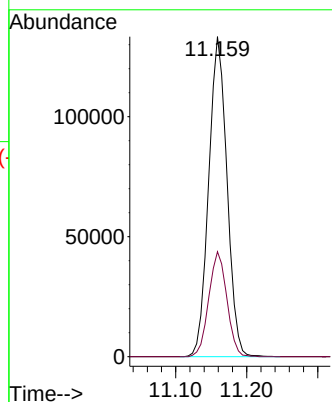
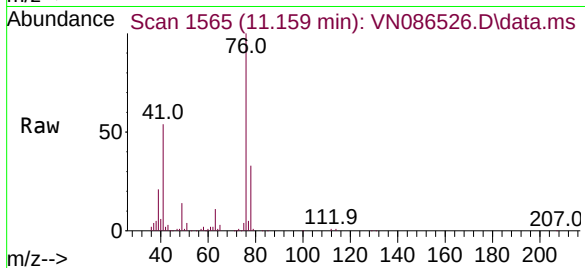
VSTDCCC050EC

Tgt Ion: 76 Resp: 238519

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 190.185 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086526.D

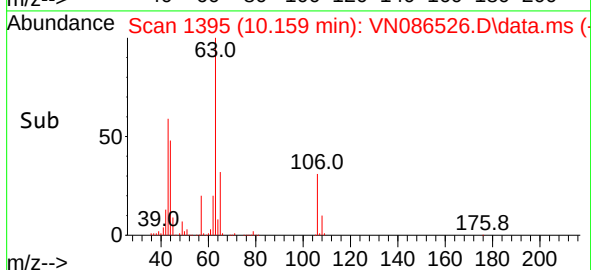
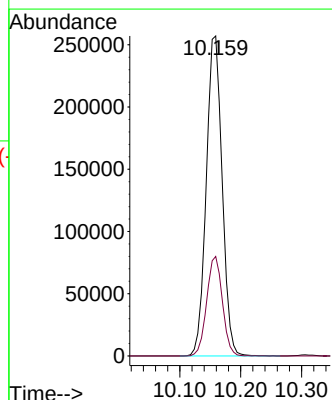
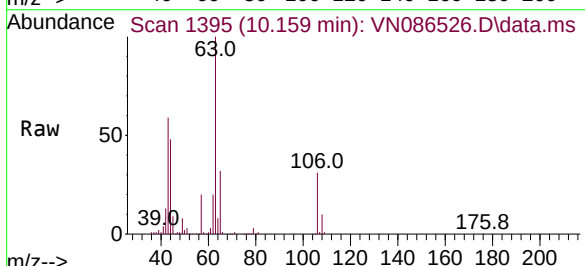
Acq: 06 May 2025 19:48

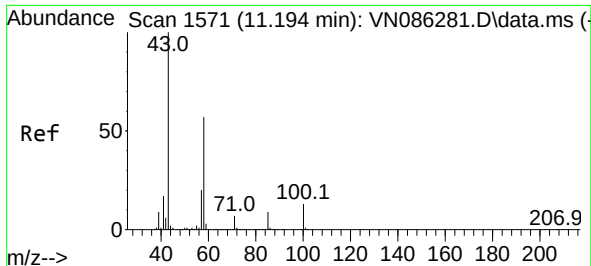
Tgt Ion: 63 Resp: 466157

Ion Ratio Lower Upper

63 100

106 30.7 22.2 33.2

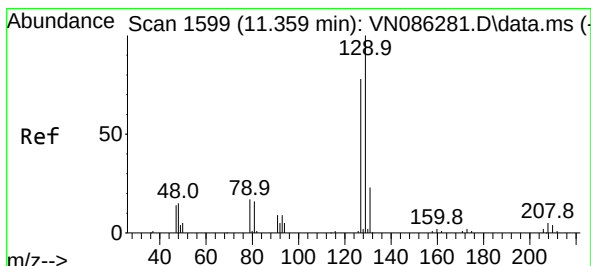
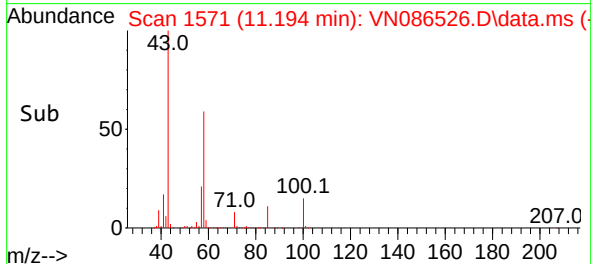
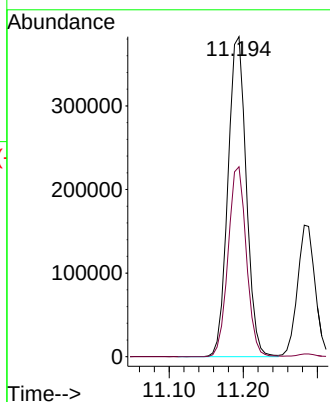
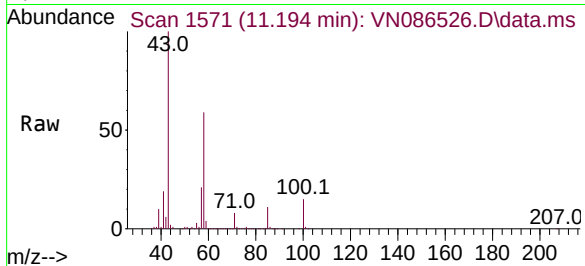




#59
2-Hexanone
Concen: 210.992 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

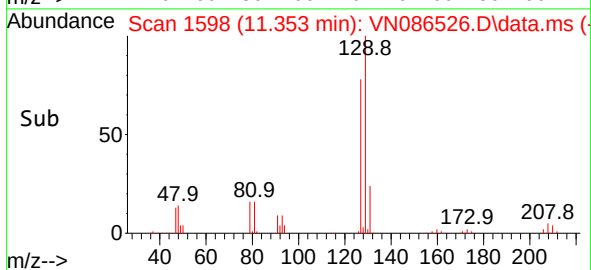
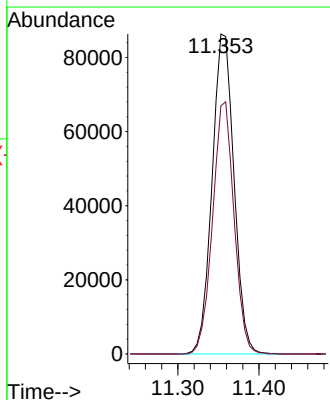
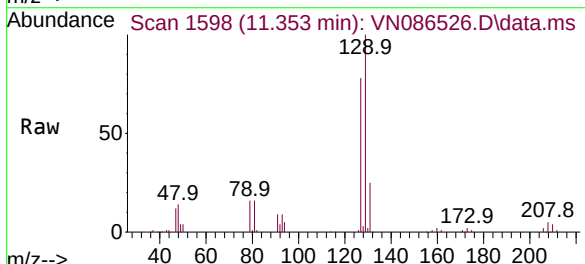
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

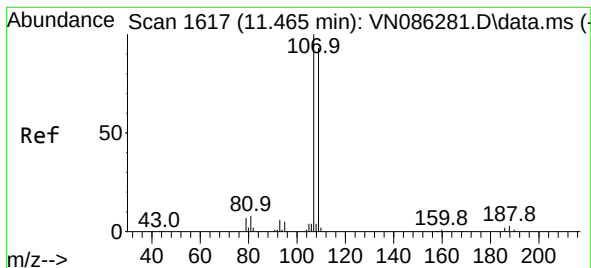
Tgt Ion: 43 Resp: 658985
Ion Ratio Lower Upper
43 100
58 59.0 28.3 85.0



#60
Dibromochloromethane
Concen: 52.528 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 129 Resp: 162050
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.062 ug/l

RT: 11.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

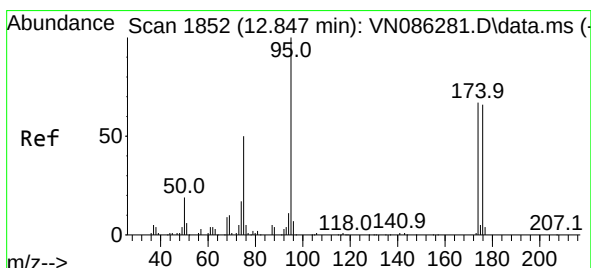
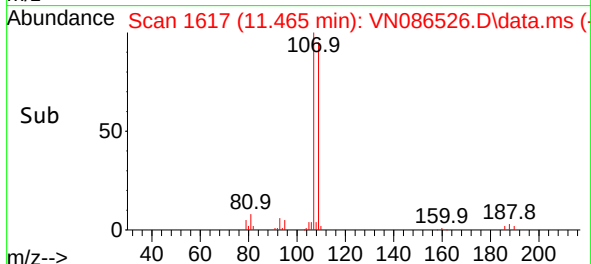
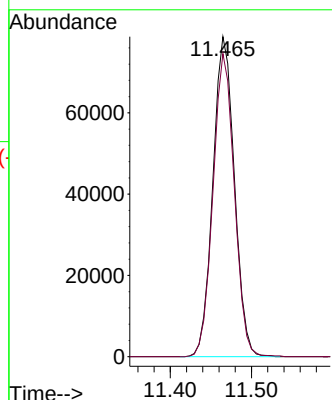
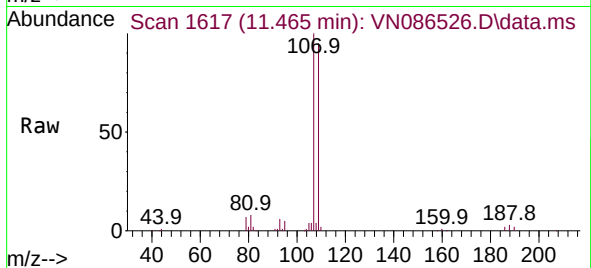
VSTDCCC050EC

Tgt Ion:107 Resp: 144749

Ion Ratio Lower Upper

107 100

109 94.1 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 48.002 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

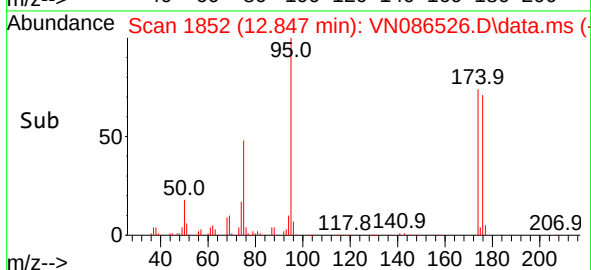
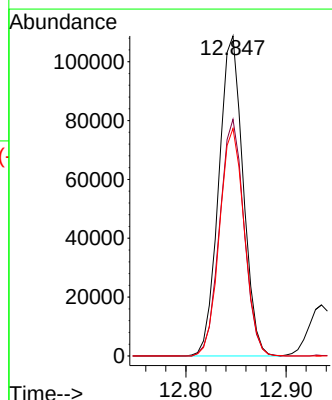
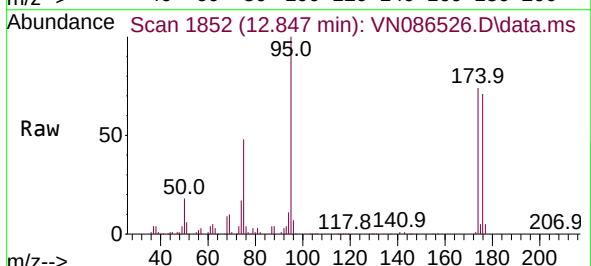
Tgt Ion: 95 Resp: 182984

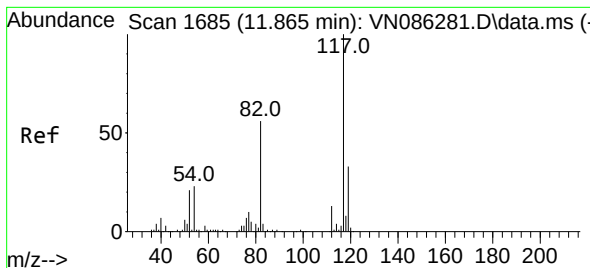
Ion Ratio Lower Upper

95 100

174 73.9 0.0 133.4

176 72.1 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

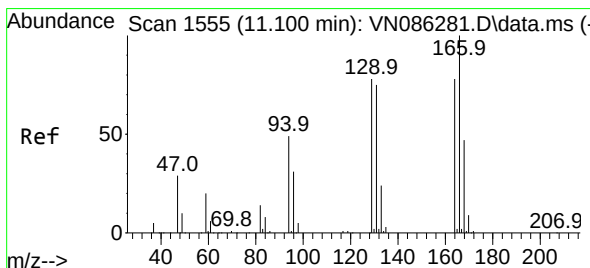
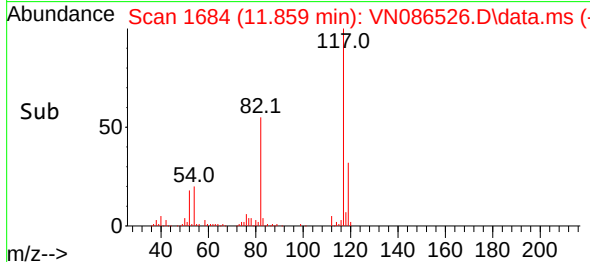
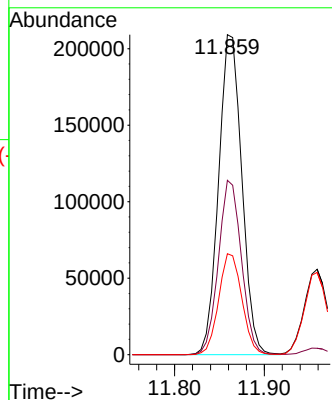
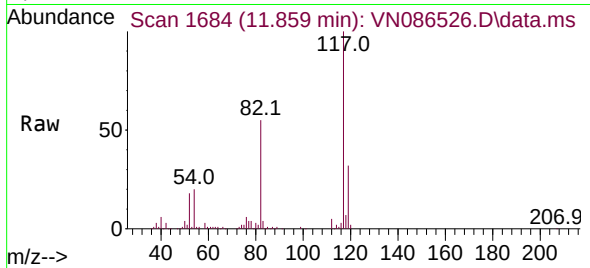
Tgt Ion:117 Resp: 376290

Ion Ratio Lower Upper

117 100

82 54.5 44.7 67.1

119 31.6 26.4 39.6



#64

Tetrachloroethene

Concen: 52.049 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Tgt Ion:164 Resp: 150653

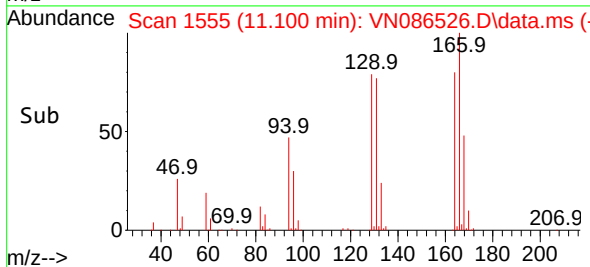
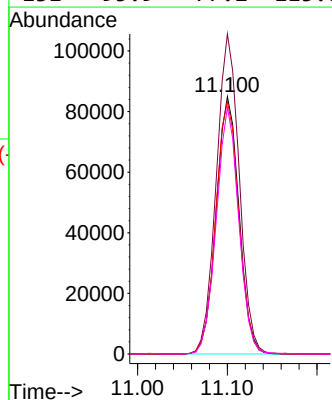
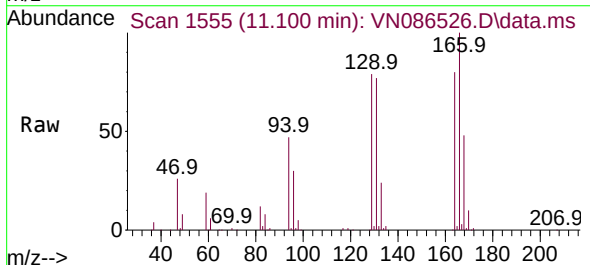
Ion Ratio Lower Upper

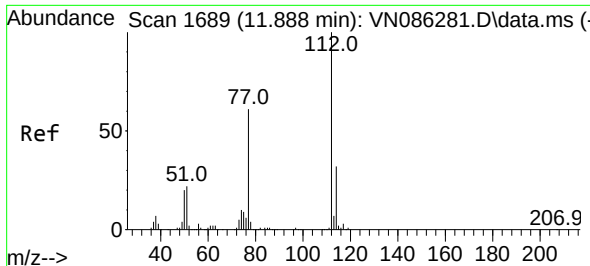
164 100

166 124.4 103.0 154.4

129 98.2 80.1 120.1

131 95.9 77.2 115.8

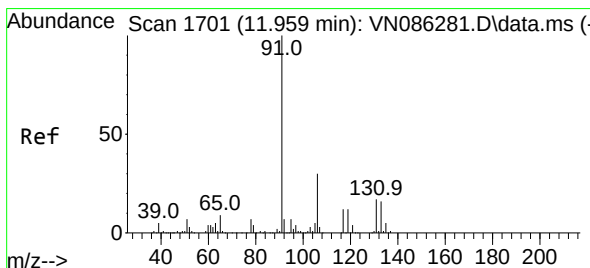
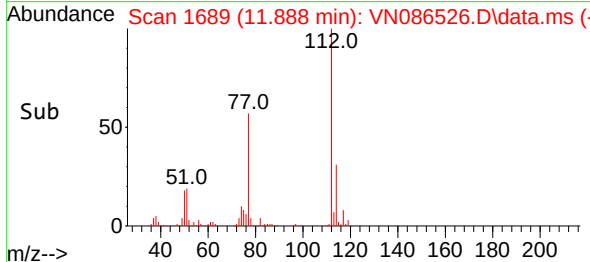
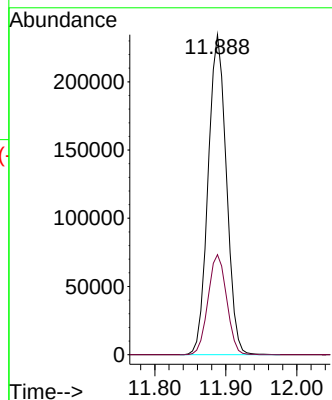
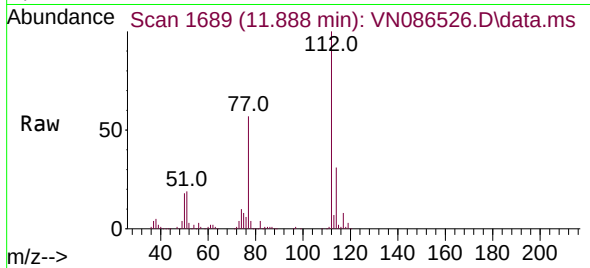




#65
Chlorobenzene
Concen: 49.862 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

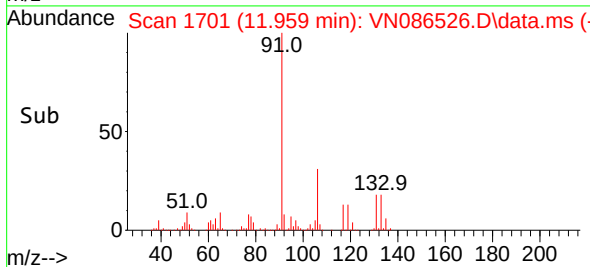
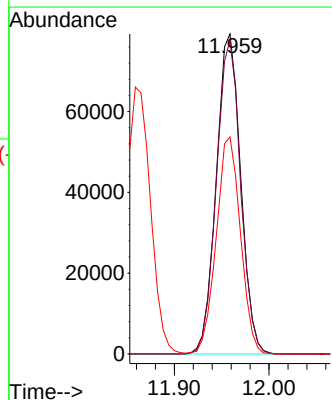
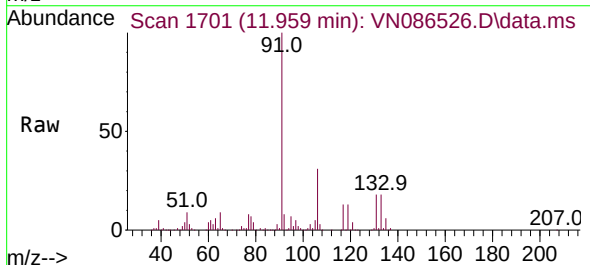
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

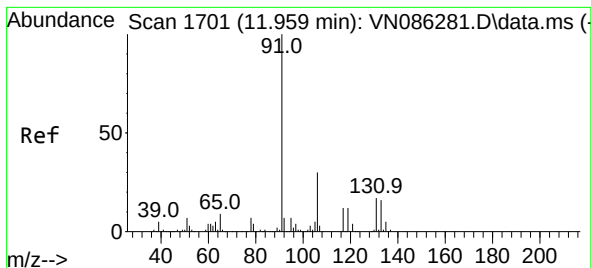
Tgt Ion:112 Resp: 418713
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.228 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:131 Resp: 141917
Ion Ratio Lower Upper
131 100
133 97.1 47.1 141.3
119 67.3 33.8 101.4





#67

Ethyl Benzene

Concen: 47.726 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

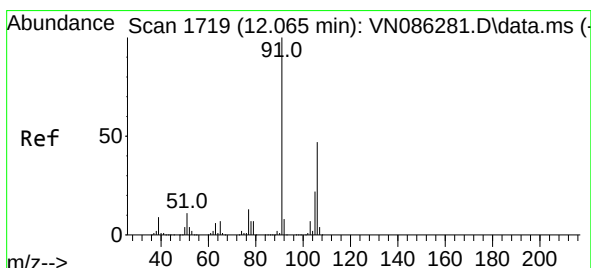
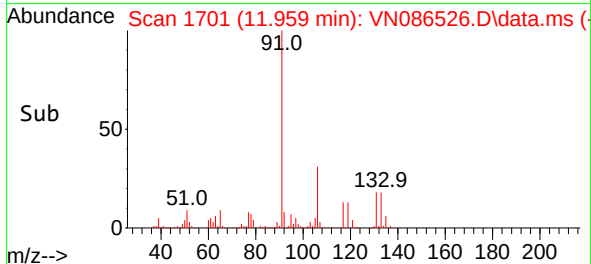
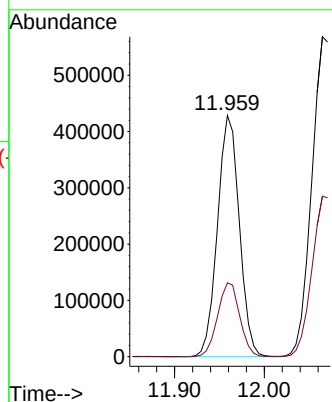
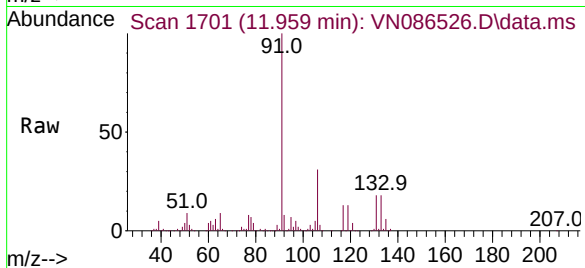
VSTDCCC050EC

Tgt Ion: 91 Resp: 723221

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



#68

m/p-Xylenes

Concen: 99.193 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN086526.D

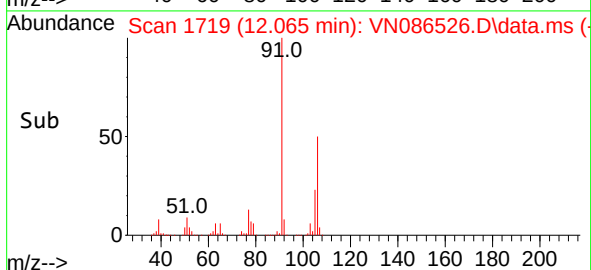
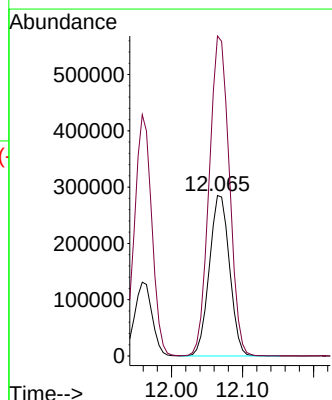
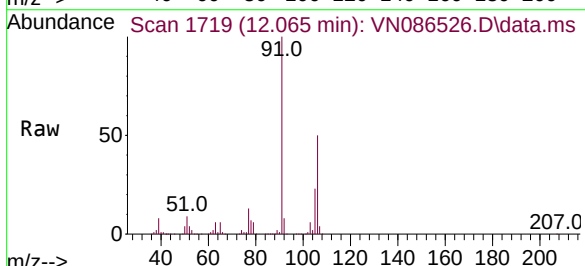
Acq: 06 May 2025 19:48

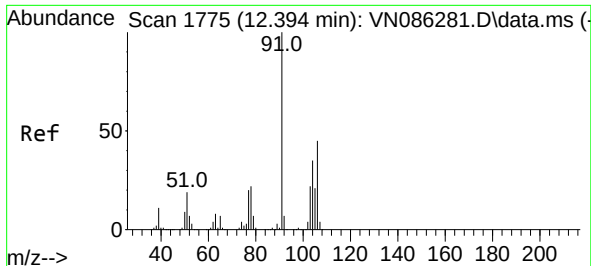
Tgt Ion: 106 Resp: 563213

Ion Ratio Lower Upper

106 100

91 199.0 166.5 249.7

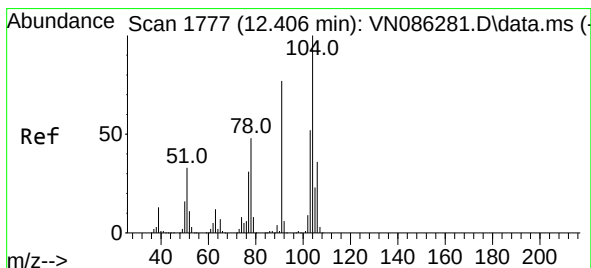
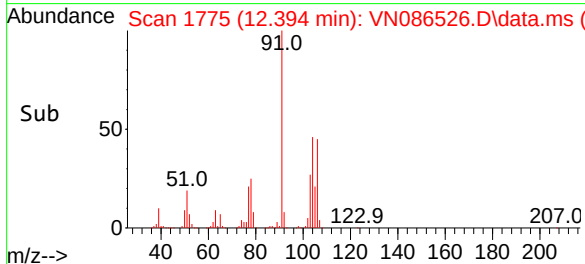
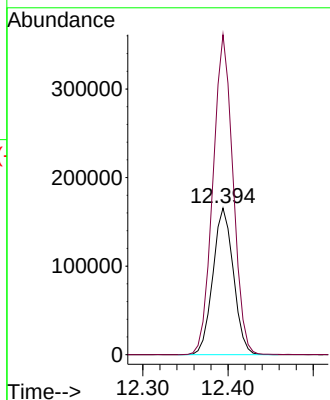
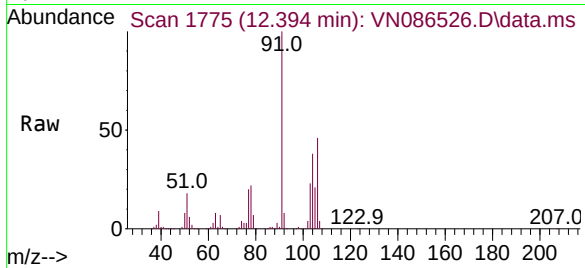




#69
o-Xylene
Concen: 49.365 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

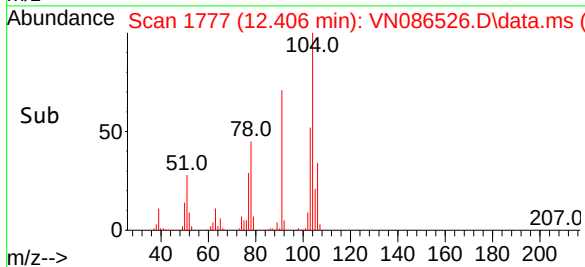
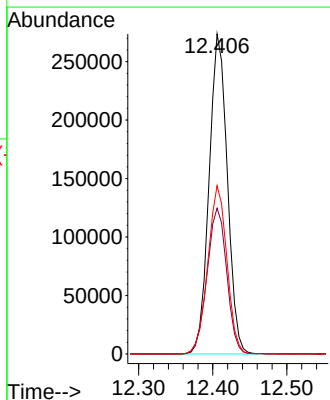
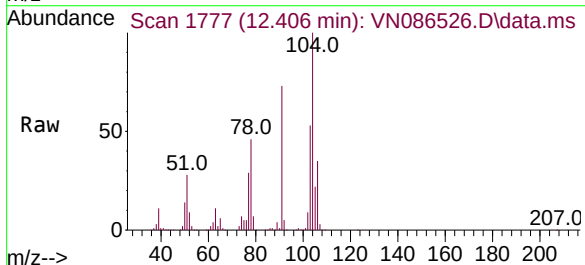
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

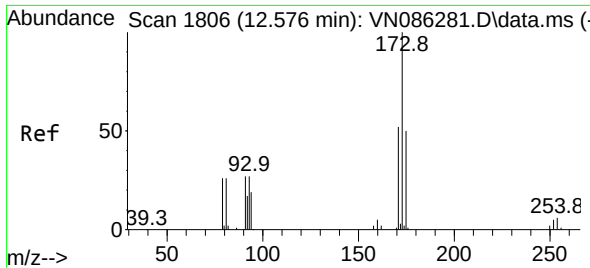
Tgt Ion:106 Resp: 277195
Ion Ratio Lower Upper
106 100
91 214.1 109.7 329.0



#70
Styrene
Concen: 49.974 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:104 Resp: 467561
Ion Ratio Lower Upper
104 100
78 49.2 40.6 61.0
103 55.0 43.6 65.4

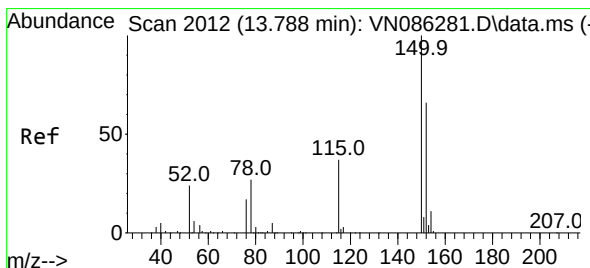
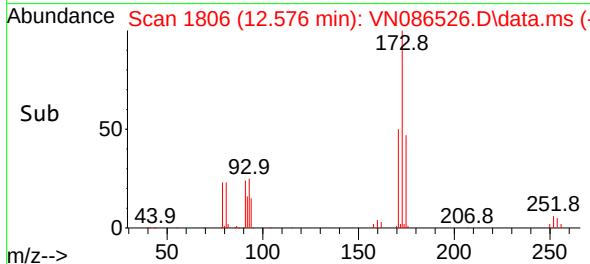
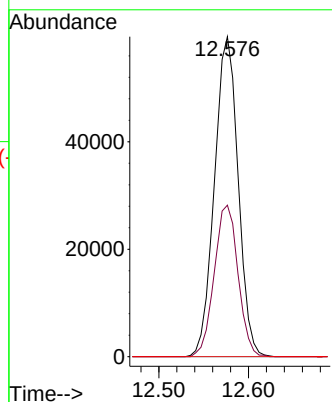
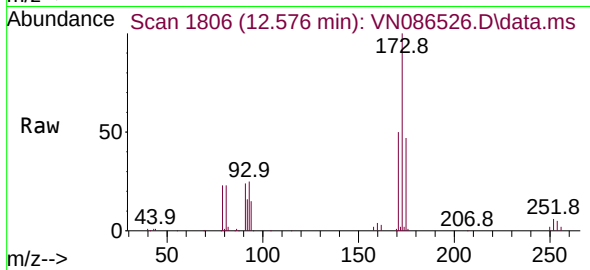




#71
Bromoform
Concen: 52.294 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

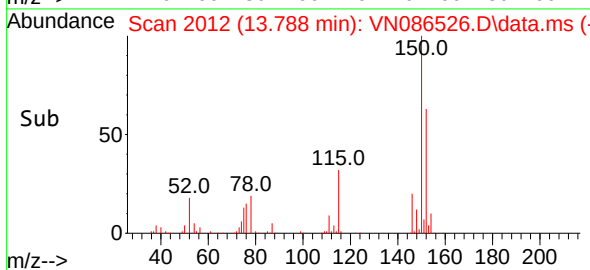
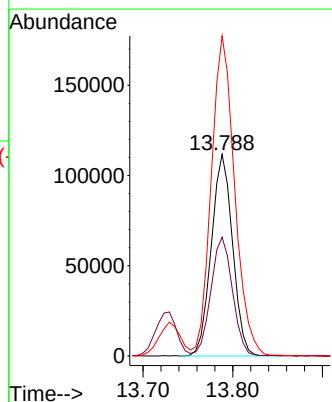
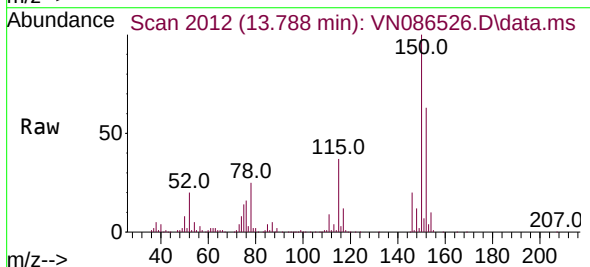
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

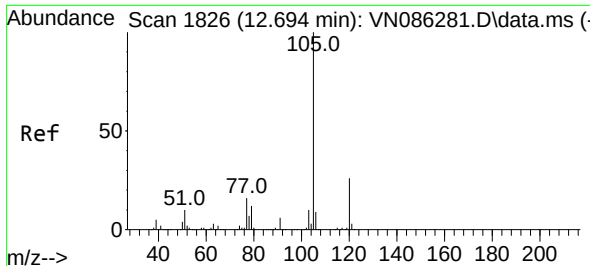
Tgt Ion:173 Resp: 109072
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:152 Resp: 183677
Ion Ratio Lower Upper
152 100
115 59.3 31.9 95.9
150 174.4 0.0 352.0

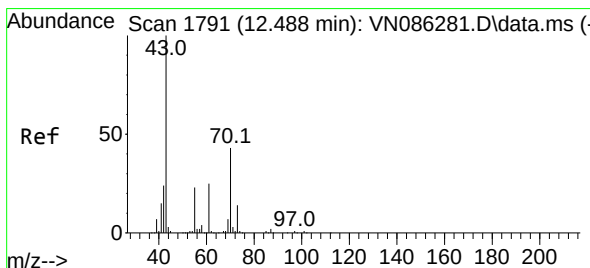
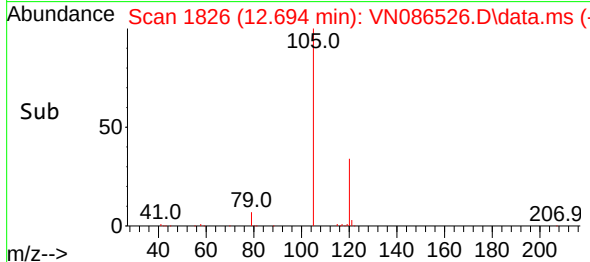
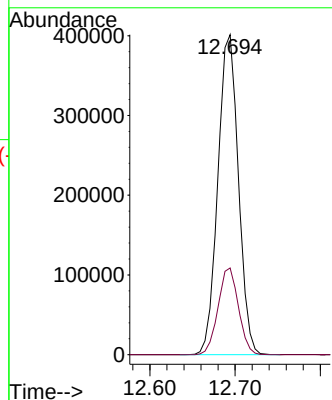
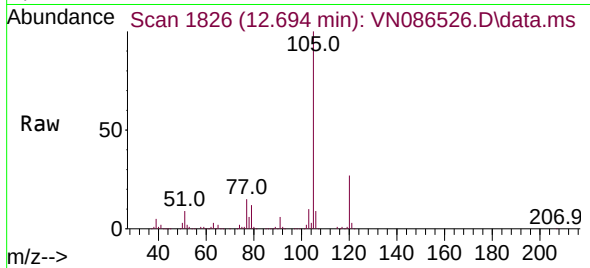




#73
Isopropylbenzene
Concen: 44.653 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

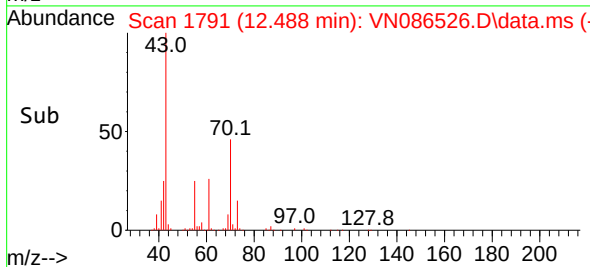
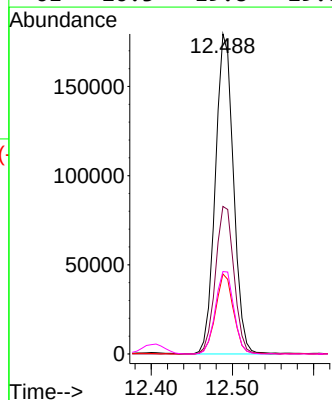
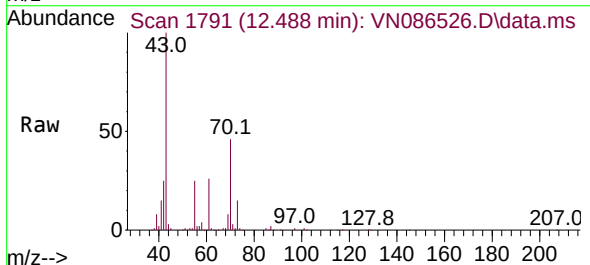
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

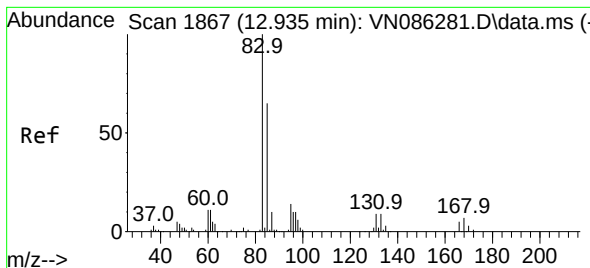
Tgt Ion:105 Resp: 670926
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



#74
N-ethyl acetate
Concen: 37.301 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 43 Resp: 279014
Ion Ratio Lower Upper
43 100
70 47.0 35.0 52.4
55 24.8 19.0 28.4
61 26.3 19.8 29.8

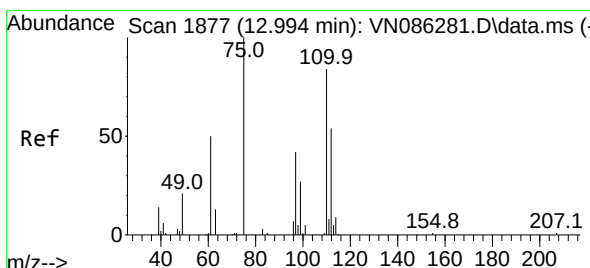
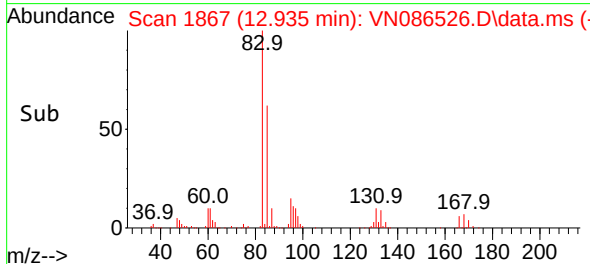
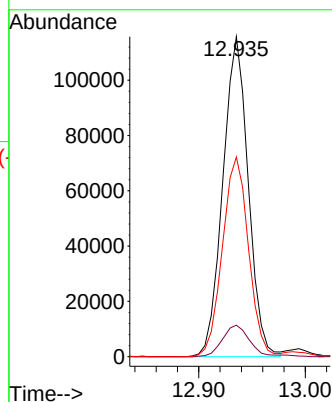
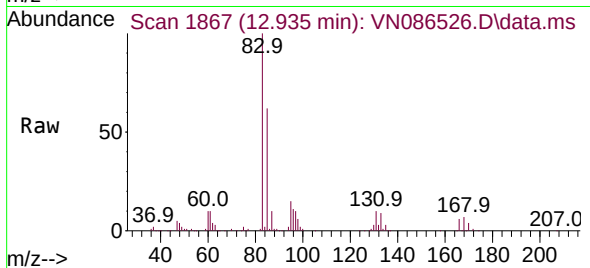




#75
 1,1,2-Tetrachloroethane
 Concen: 44.313 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

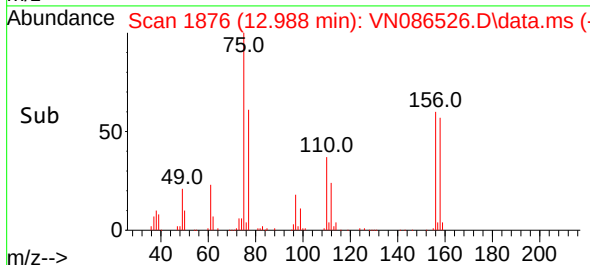
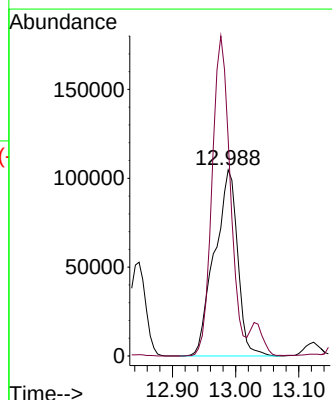
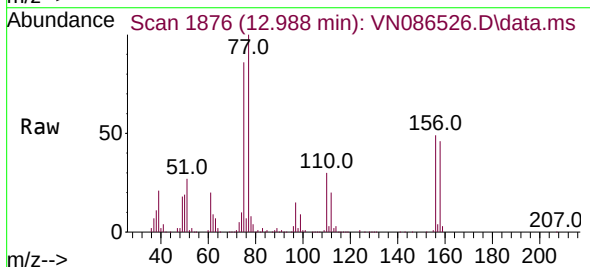
Instrument :
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 ClientSampleId :
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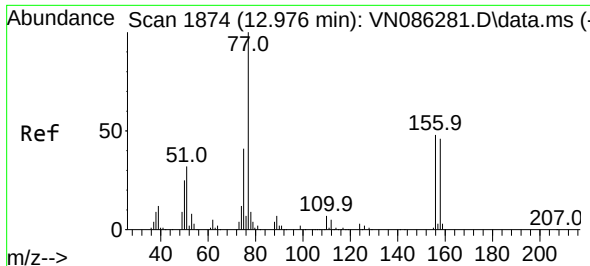
Tgt Ion: 83 Resp: 191438
 Ion Ratio Lower Upper
 83 100
 131 10.7 4.7 14.1
 85 64.1 32.7 98.1



#76
 1,2,3-Trichloropropane
 Concen: 61.396 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086526.D
 Acq: 06 May 2025 19:48

Tgt Ion: 75 Resp: 266122
 Ion Ratio Lower Upper
 75 100
 77 135.4 98.8 296.4

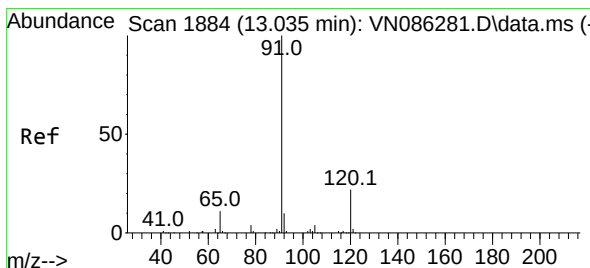
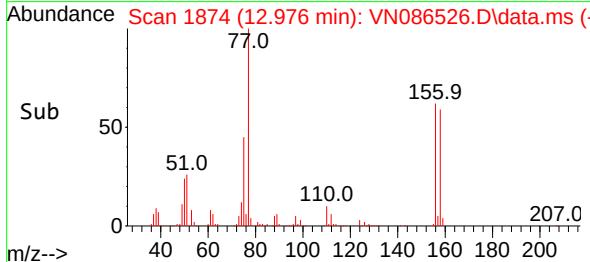
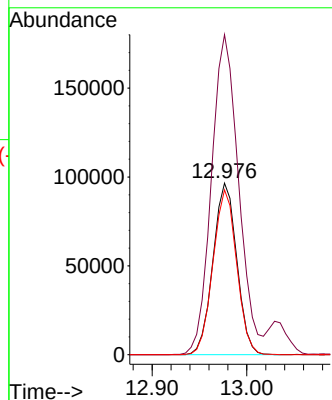
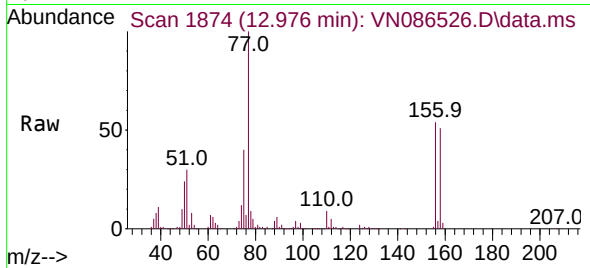




#77
Bromobenzene
Concen: 50.554 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

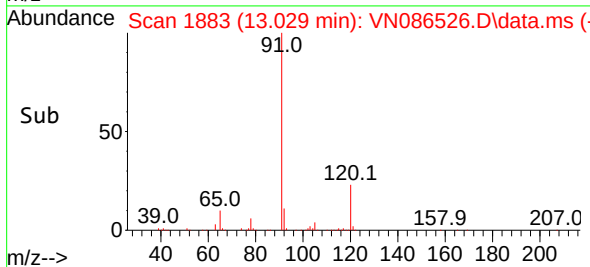
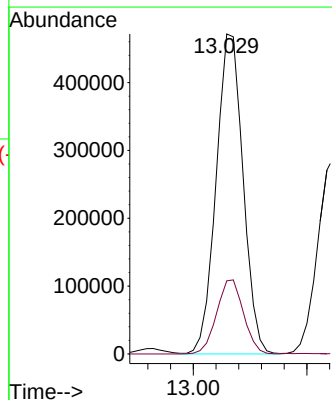
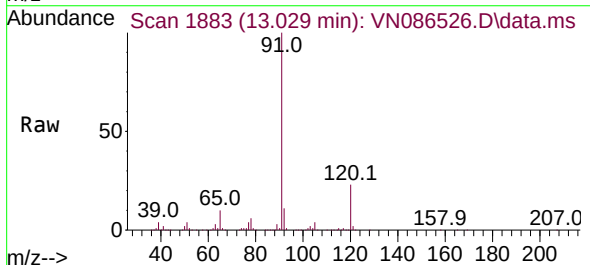
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

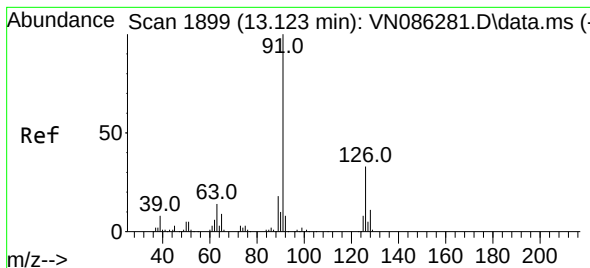
Tgt Ion:156 Resp: 168305
Ion Ratio Lower Upper
156 100
77 214.0 121.1 363.1
158 95.7 47.9 143.6



#78
n-propylbenzene
Concen: 43.886 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 91 Resp: 777013
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 44.905 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

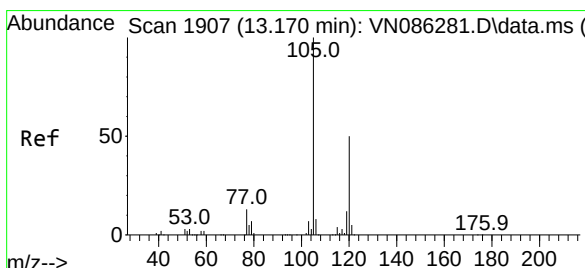
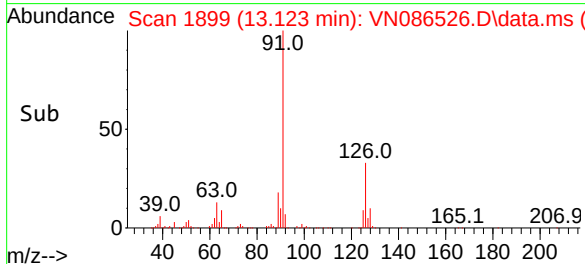
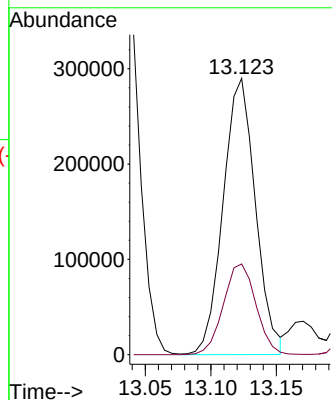
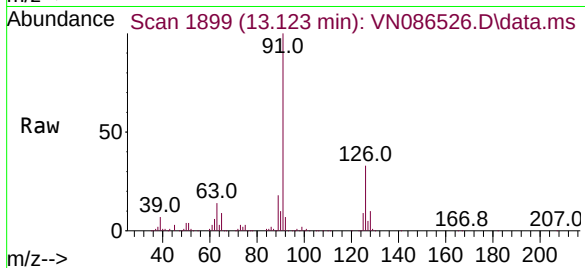
VSTDCCC050EC

Tgt Ion: 91 Resp: 497495

Ion Ratio Lower Upper

91 100

126 33.1 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 45.089 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086526.D

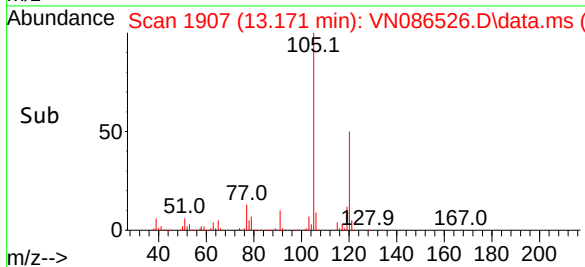
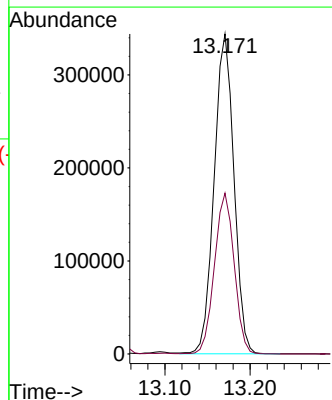
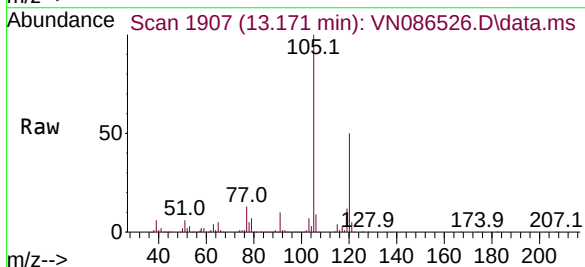
Acq: 06 May 2025 19:48

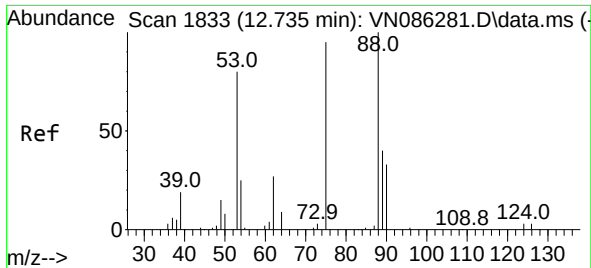
Tgt Ion: 105 Resp: 554491

Ion Ratio Lower Upper

105 100

120 50.2 24.5 73.5

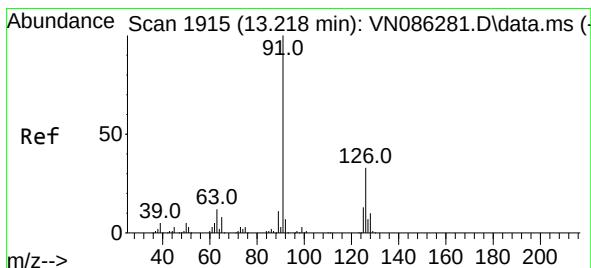
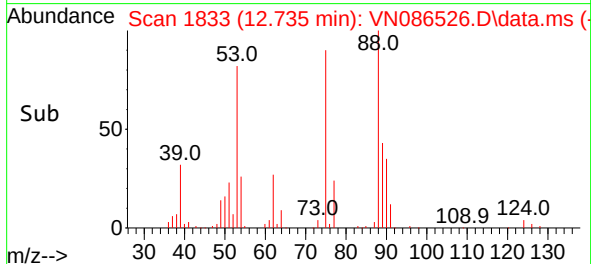
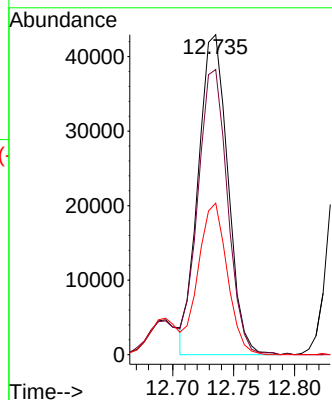
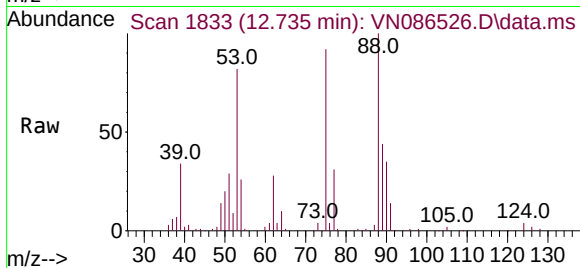




#81
trans-1,4-Dichloro-2-butene
Concen: 40.233 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

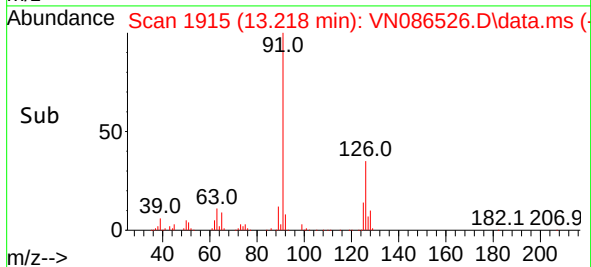
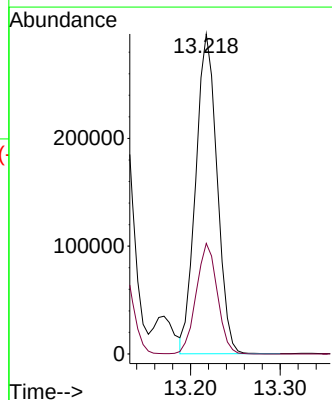
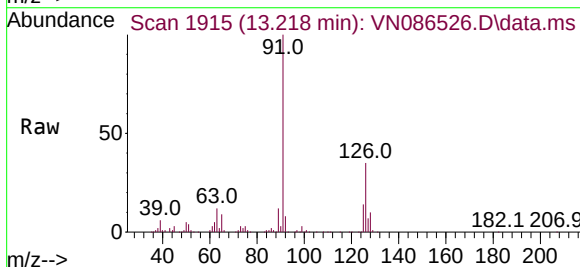
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

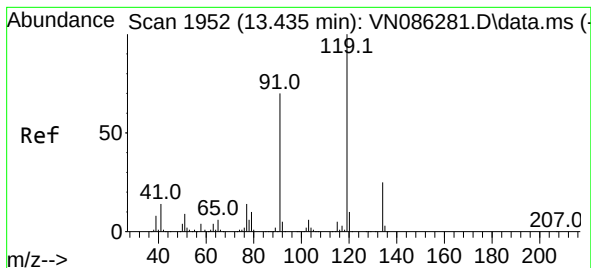
Tgt Ion:	75	Resp:	72613
Ion	Ratio	Lower	Upper
75	100		
53	89.1	79.2	118.8
89	46.4	35.7	53.5



#82
4-Chlorotoluene
Concen: 44.467 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:	91	Resp:	489378
Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.2	48.6

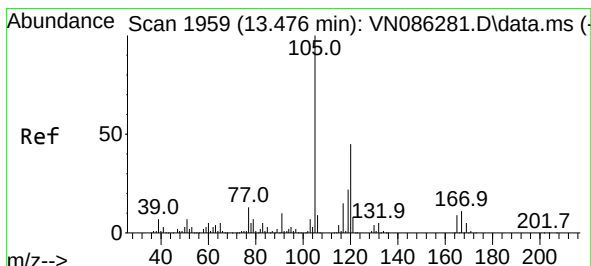
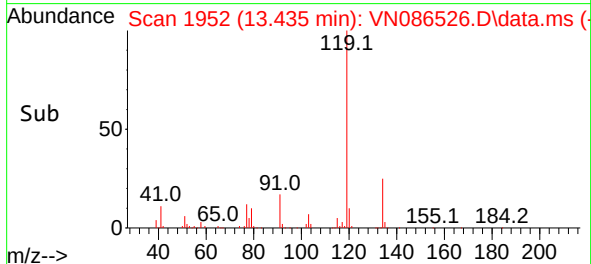
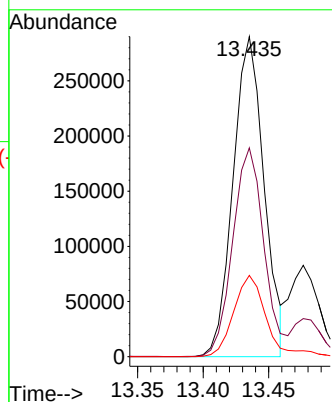
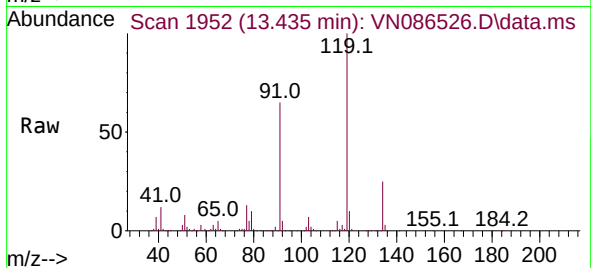




#83
tert-Butylbenzene
Concen: 44.848 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

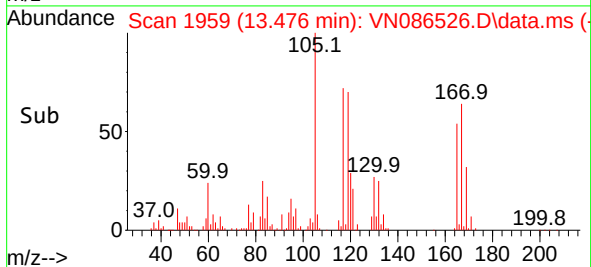
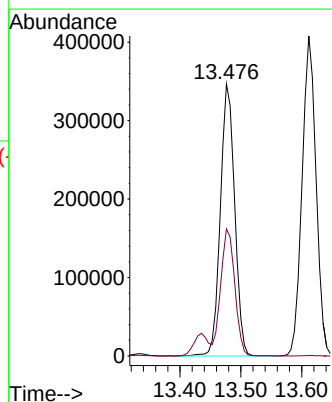
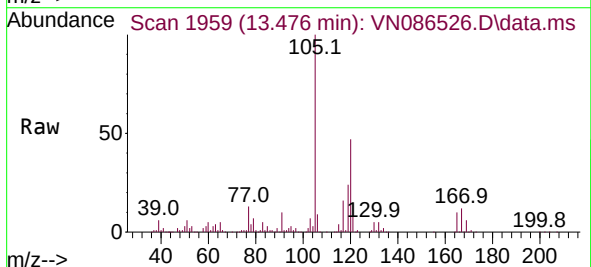
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

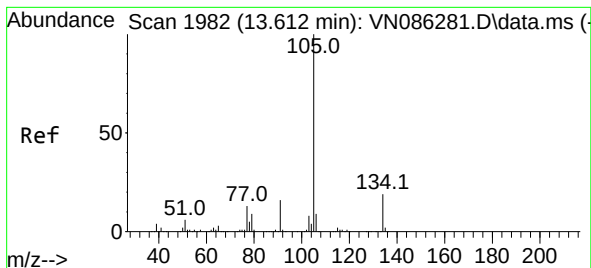
Tgt Ion:119 Resp: 477887
Ion Ratio Lower Upper
119 100
91 66.1 34.4 103.3
134 26.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 45.127 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:105 Resp: 564890
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 43.950 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

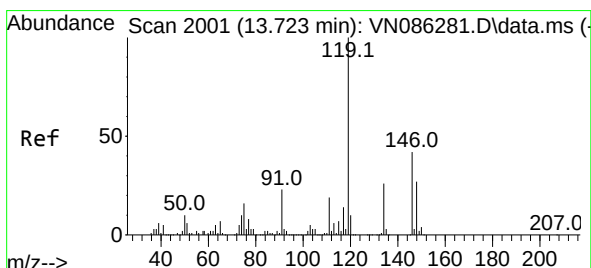
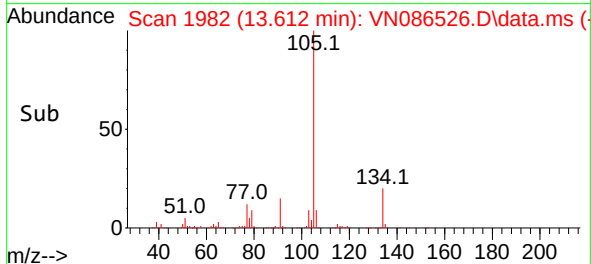
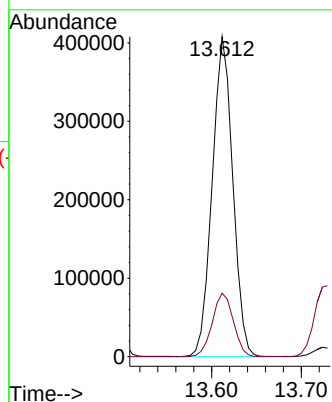
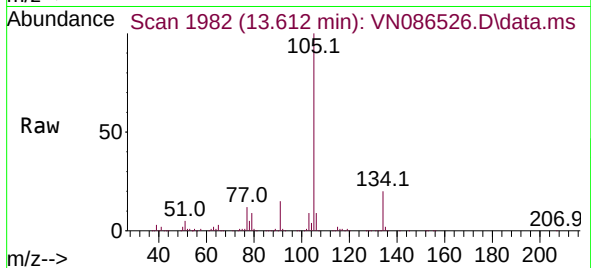
VSTDCCC050EC

Tgt Ion:105 Resp: 649581

Ion Ratio Lower Upper

105 100

134 20.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 45.497 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

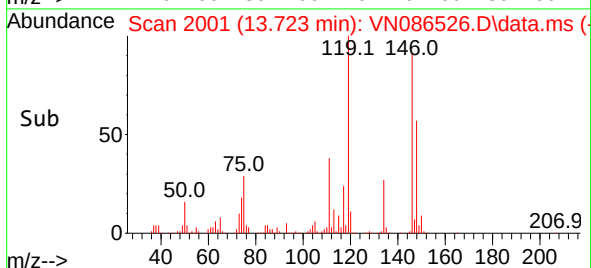
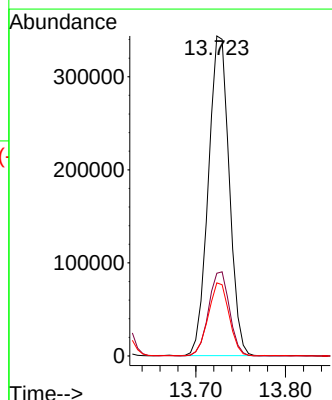
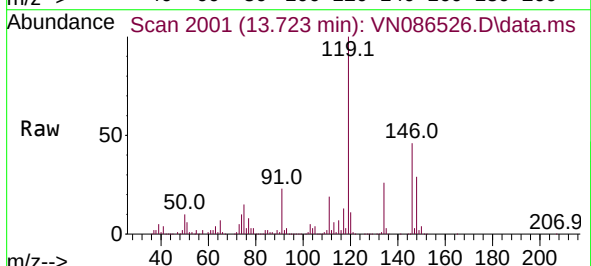
Tgt Ion:119 Resp: 554270

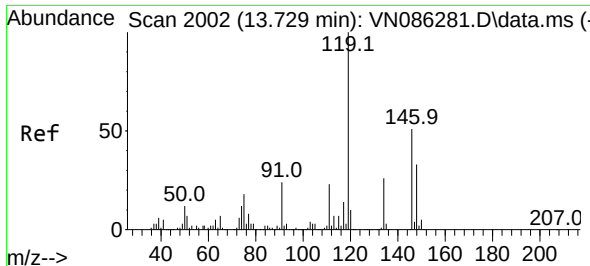
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 22.7 11.9 35.9

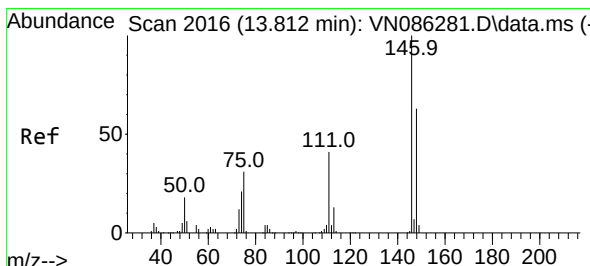
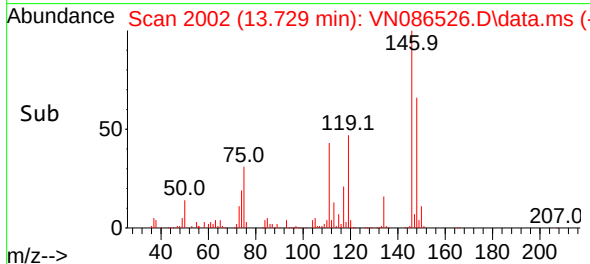
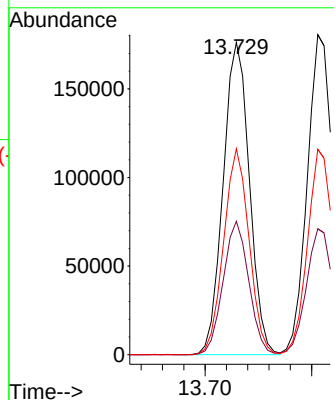
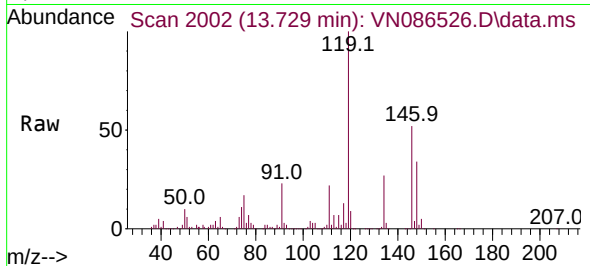




#87
1,3-Dichlorobenzene
Concen: 48.190 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

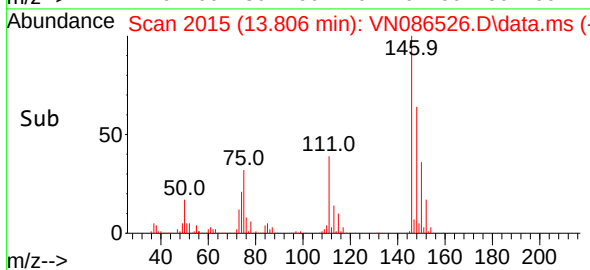
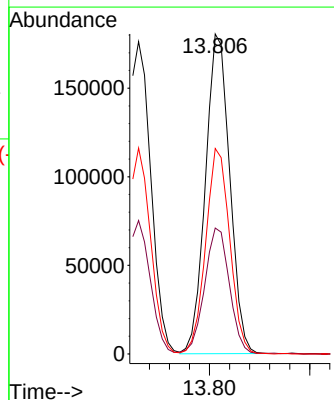
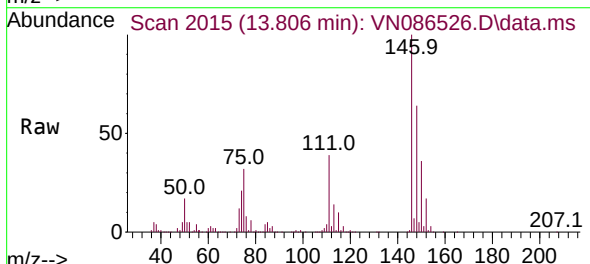
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

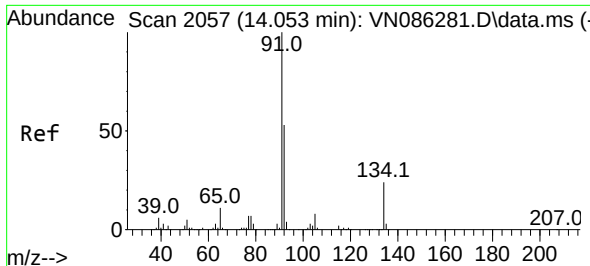
Tgt Ion:146 Resp: 301592
Ion Ratio Lower Upper
146 100
111 41.7 21.9 65.7
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.264 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:146 Resp: 304234
Ion Ratio Lower Upper
146 100
111 39.9 21.3 63.9
148 63.7 31.9 95.9

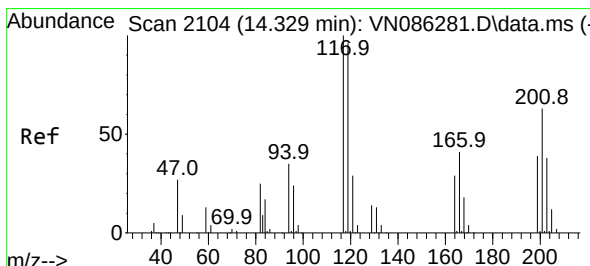
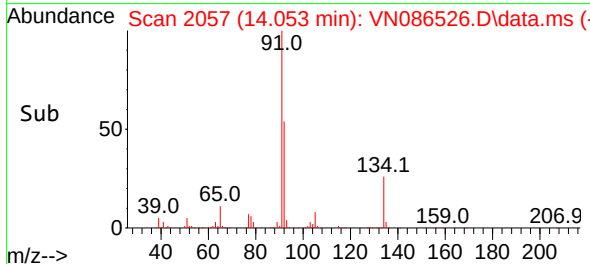
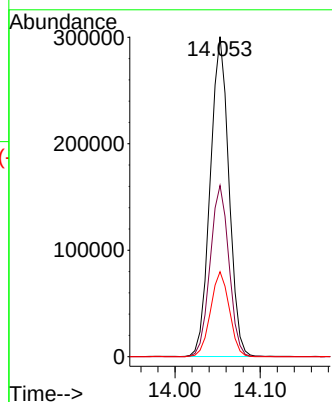
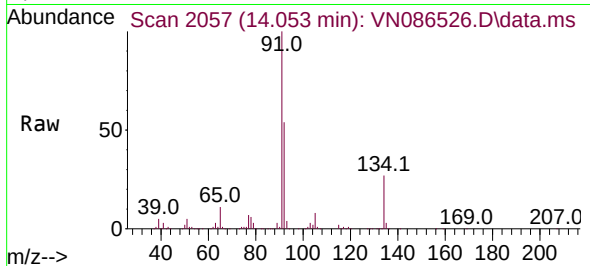




#89
n-Butylbenzene
Concen: 42.259 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

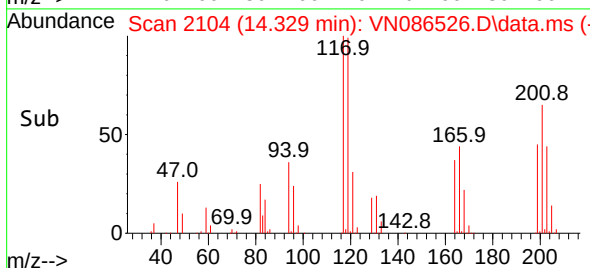
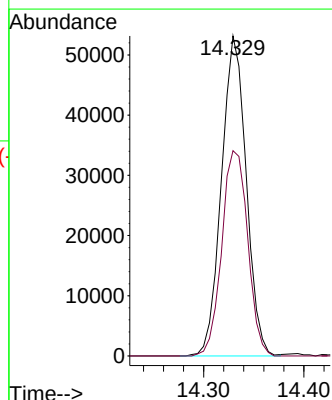
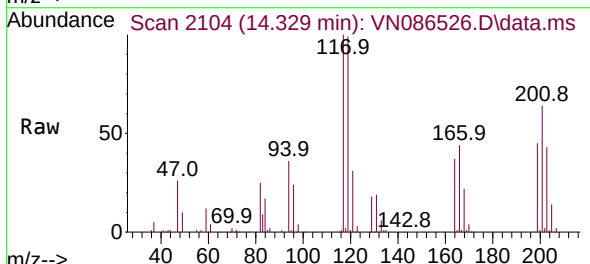
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

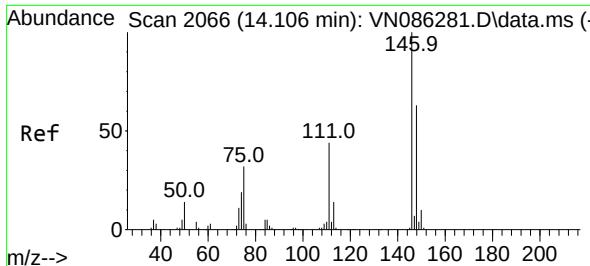
Tgt Ion: 91 Resp: 456323
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.4
134 26.7 12.2 36.6



#90
Hexachloroethane
Concen: 44.513 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 117 Resp: 91215
Ion Ratio Lower Upper
117 100
201 67.0 31.4 94.2

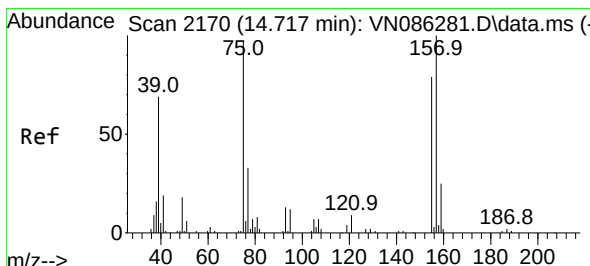
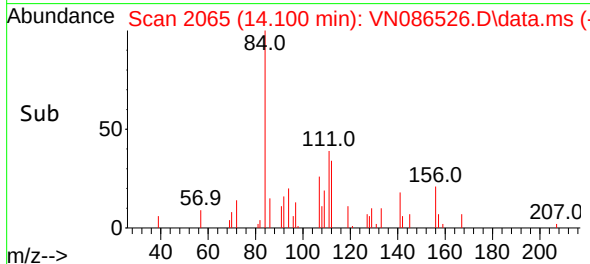
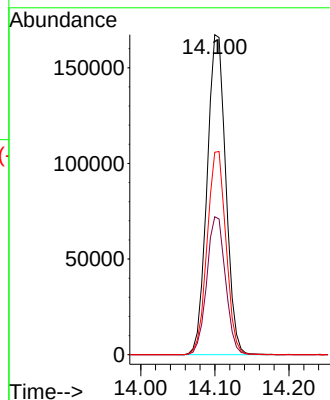
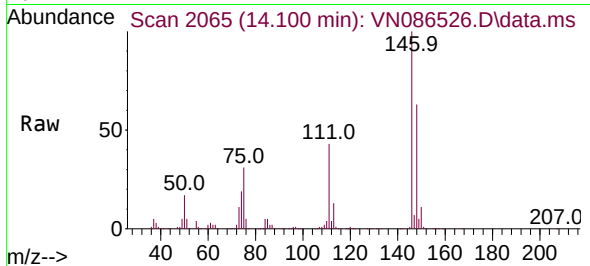




#91
1,2-Dichlorobenzene
Concen: 48.386 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

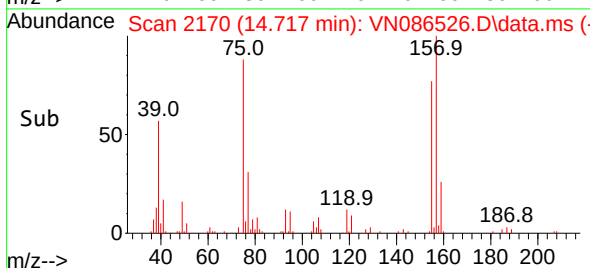
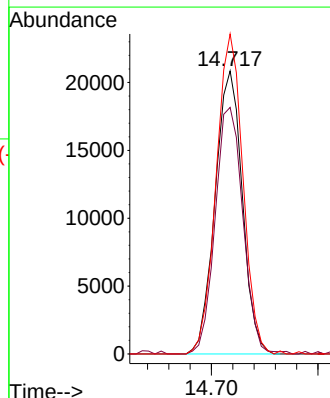
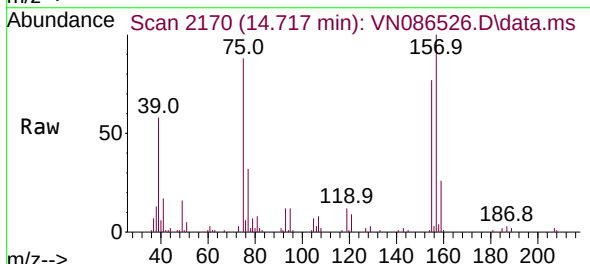
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

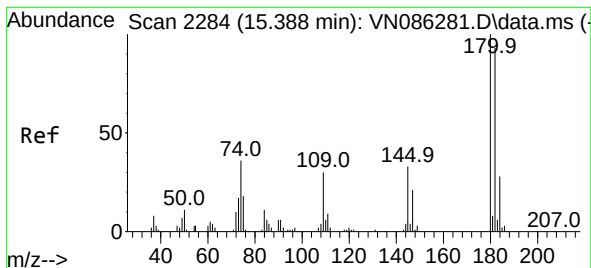
Tgt Ion:146 Resp: 293589
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.349 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion: 75 Resp: 36890
Ion Ratio Lower Upper
75 100
155 89.0 40.3 120.9
157 111.2 49.0 147.2





#93

1,2,4-Trichlorobenzene

Concen: 47.380 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

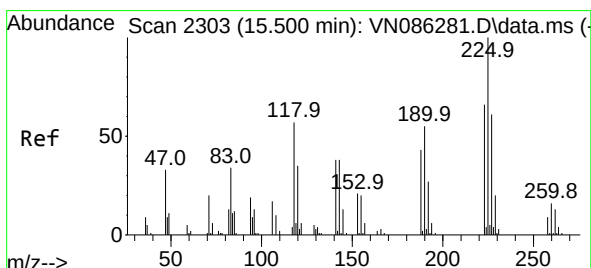
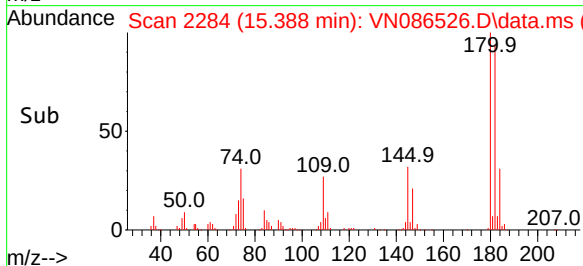
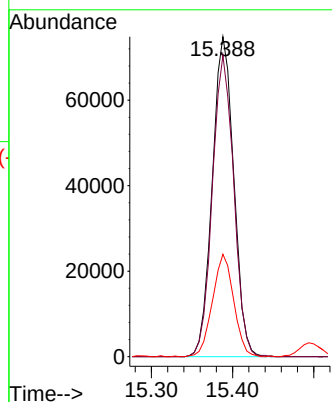
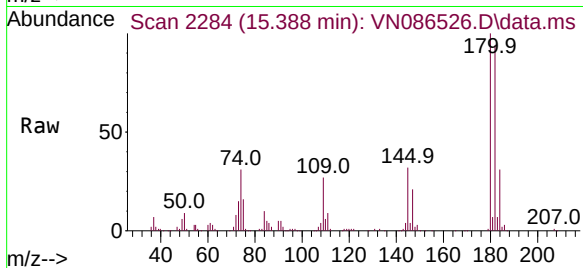
Tgt Ion:180 Resp: 137661

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.0

145 31.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.367 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086526.D

Acq: 06 May 2025 19:48

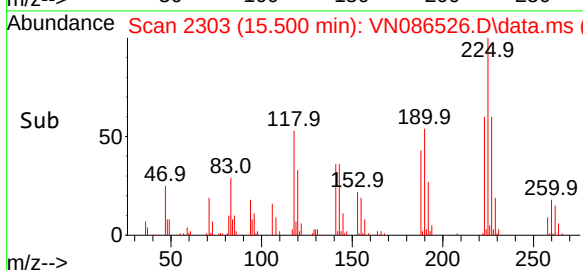
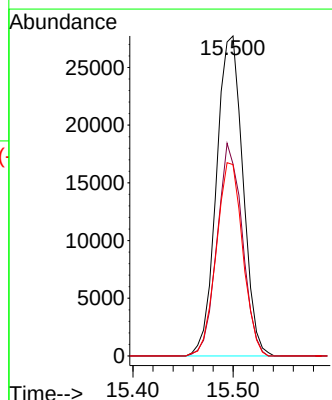
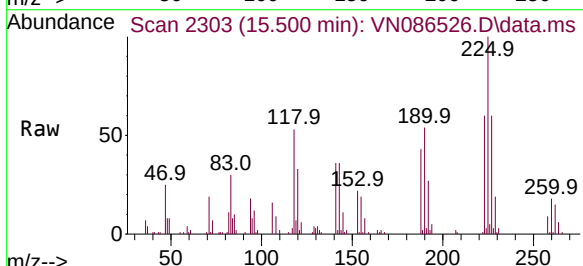
Tgt Ion:225 Resp: 50854

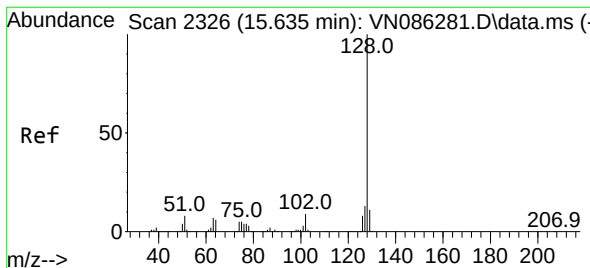
Ion Ratio Lower Upper

225 100

223 63.1 32.8 98.3

227 60.4 31.4 94.0

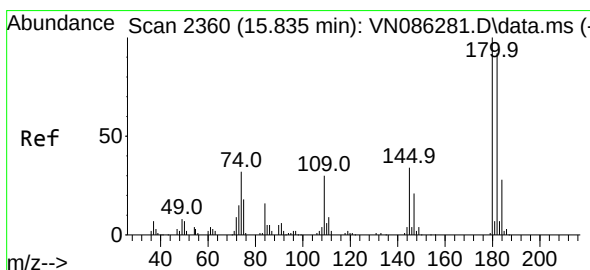
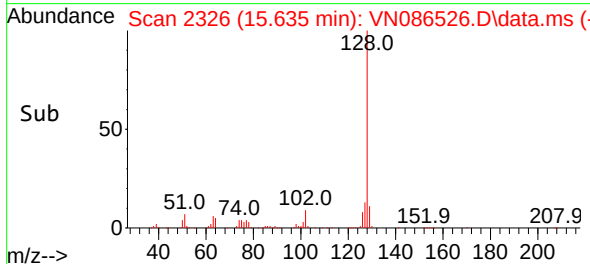
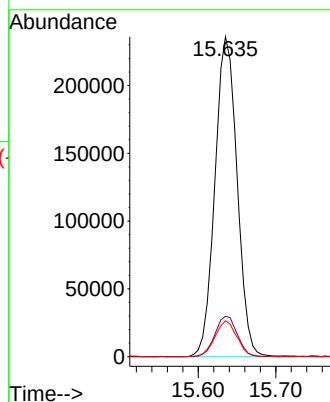
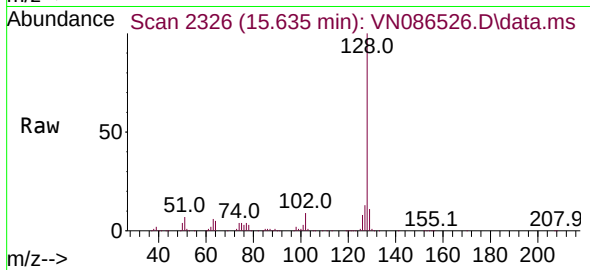




#95
Naphthalene
Concen: 45.507 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 468689
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.053 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086526.D
Acq: 06 May 2025 19:48

Tgt Ion:180 Resp: 129429
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 33.5 17.2 51.5

