

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086965.D
 Acq On : 11 Jun 2025 21:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 12 01:48:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	177574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123795	52.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	8.177	113	102484	53.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	10.571	98	382080	49.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.847	95	146464	51.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	97946	55.320	ug/l	98
3) Chloromethane	2.395	50	103222	45.148	ug/l	99
4) Vinyl Chloride	2.553	62	126441	53.612	ug/l	100
5) Bromomethane	2.983	94	43618	33.049	ug/l	94
6) Chloroethane	3.147	64	84712	55.606	ug/l	97
7) Trichlorofluoromethane	3.524	101	172024	55.827	ug/l	99
8) Diethyl Ether	3.983	74	75627	56.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	104252	53.851	ug/l	99
10) Methyl Iodide	4.606	142	46802	18.649	ug/l	98
11) Tert butyl alcohol	5.547	59	180885	280.391	ug/l	99
12) 1,1-Dichloroethene	4.365	96	106380	53.824	ug/l	96
13) Acrolein	4.200	56	152464	746.633	ug/l	100
14) Allyl chloride	5.047	41	166911	50.921	ug/l	97
15) Acrylonitrile	5.741	53	422921	280.476	ug/l	100
16) Acetone	4.447	43	331168	262.661	ug/l	100
17) Carbon Disulfide	4.736	76	268580	49.127	ug/l	99
18) Methyl Acetate	5.047	43	214312	58.328	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	406405	56.790	ug/l	99
20) Methylene Chloride	5.300	84	125496	53.166	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	115879	52.697	ug/l	95
22) Diisopropyl ether	6.688	45	382028	55.291	ug/l	99
23) Vinyl Acetate	6.618	43	1623707	278.142	ug/l	99
24) 1,1-Dichloroethane	6.588	63	222894	56.057	ug/l	99
25) 2-Butanone	7.494	43	557966	272.256	ug/l	97
26) 2,2-Dichloropropane	7.500	77	149440	48.315	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	146360	55.654	ug/l	97
28) Bromochloromethane	7.824	49	111849	57.211	ug/l	98
29) Tetrahydrofuran	7.853	42	361046	270.436	ug/l	97
30) Chloroform	7.977	83	219091	55.175	ug/l	97
31) Cyclohexane	8.265	56	181510	47.071	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	181857	53.846	ug/l	99
36) 1,1-Dichloropropene	8.377	75	153059	53.121	ug/l	99
37) Ethyl Acetate	7.571	43	196171	53.483	ug/l	99
38) Carbon Tetrachloride	8.371	117	150782	53.303	ug/l	96
39) Methylcyclohexane	9.606	83	176079	44.605	ug/l	97
40) Benzene	8.612	78	505922	53.695	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	112567	54.646	ug/l	97
42) 1,2-Dichloroethane	8.677	62	153959	53.873	ug/l	100
43) Isopropyl Acetate	8.694	43	317059	53.857	ug/l	99
44) Trichloroethene	9.359	130	119433	53.458	ug/l	98
45) 1,2-Dichloropropane	9.624	63	124231	54.196	ug/l	100
46) Dibromomethane	9.712	93	85919	56.431	ug/l	99
47) Bromodichloromethane	9.894	83	175093	55.894	ug/l	99
48) Methyl methacrylate	9.682	41	143734	53.046	ug/l	98
49) 1,4-Dioxane	9.706	88	58859	1194.044	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	995984	281.028	ug/l	99
52) Toluene	10.629	92	310797	53.976	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	191765	54.745	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	203300	54.242	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	123723	55.842	ug/l	98
56) Ethyl methacrylate	10.882	69	209075	59.246	ug/l	96
57) 1,3-Dichloropropane	11.165	76	212617	55.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	621634	295.338	ug/l	100
59) 2-Hexanone	11.200	43	661460	289.751	ug/l	94
60) Dibromochloromethane	11.359	129	132918	57.580	ug/l	100
61) 1,2-Dibromoethane	11.470	107	127444	56.119	ug/l	98
64) Tetrachloroethene	11.106	164	91667	50.534	ug/l	95
65) Chlorobenzene	11.894	112	336350	53.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113463	55.835	ug/l	100
67) Ethyl Benzene	11.965	91	576593	52.952	ug/l	100
68) m/p-Xylenes	12.070	106	444183	106.561	ug/l	100
69) o-Xylene	12.400	106	219424	54.963	ug/l	98
70) Styrene	12.412	104	377725	55.293	ug/l	99
71) Bromoform	12.576	173	89676	59.559	ug/l #	100
73) Isopropylbenzene	12.694	105	534031	51.622	ug/l	100
74) N-amyl acetate	12.512	43	188759	52.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	200820	57.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	262042	77.632	ug/l	68
77) Bromobenzene	12.982	156	131869	55.583	ug/l	99
78) n-propylbenzene	13.035	91	643398	51.178	ug/l	99
79) 2-Chlorotoluene	13.123	91	394854	52.371	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	443398	51.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	72331	49.328	ug/l	97
82) 4-Chlorotoluene	13.223	91	406685	53.310	ug/l	100
83) tert-Butylbenzene	13.435	119	396615	50.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	447506	52.251	ug/l	99
85) sec-Butylbenzene	13.611	105	549887	48.432	ug/l	100
86) p-Isopropyltoluene	13.729	119	459716	48.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	253292	54.264	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	252880	53.138	ug/l	99
89) n-Butylbenzene	14.053	91	422802	46.509	ug/l	99
90) Hexachloroethane	14.329	117	83746	52.642	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	244439	54.507	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45867	54.724	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	141753	49.501	ug/l	100
94) Hexachlorobutadiene	15.500	225	44722	41.918	ug/l	100
95) Naphthalene	15.641	128	576105	54.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	138678	48.742	ug/l	99

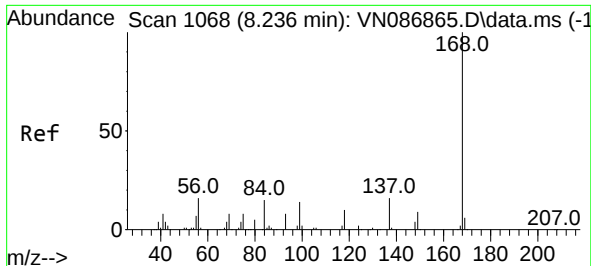
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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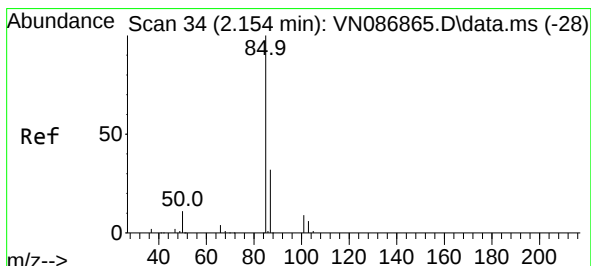
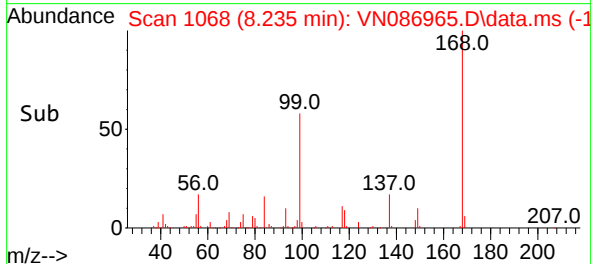
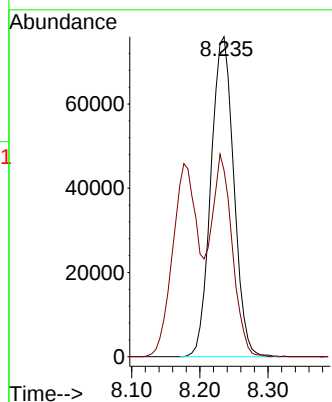
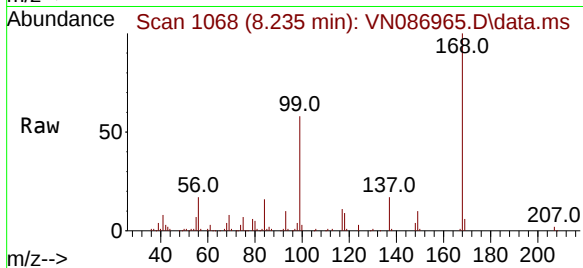
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
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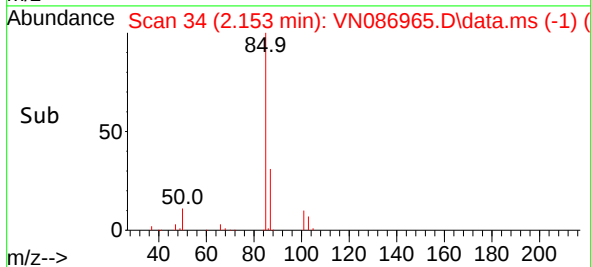
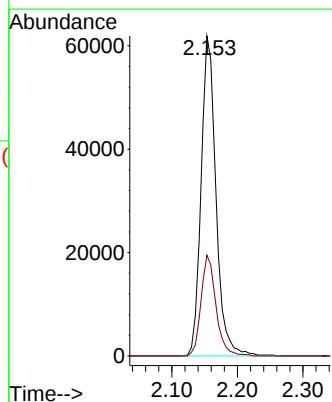
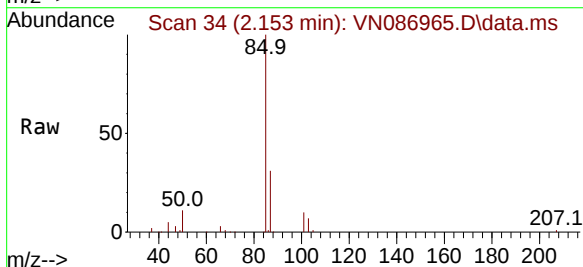
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 177574
Ion Ratio Lower Upper
168 100
99 58.2 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 55.320 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 85 Resp: 97946
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6

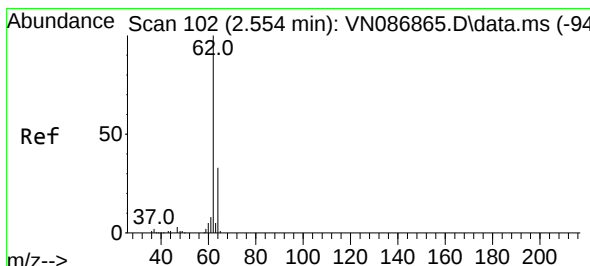
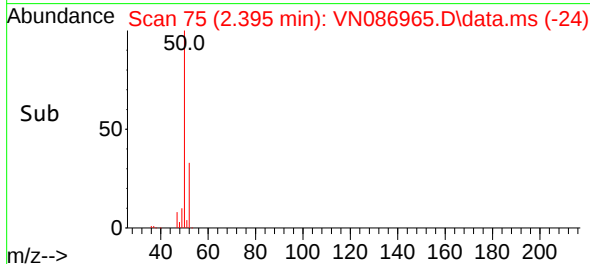
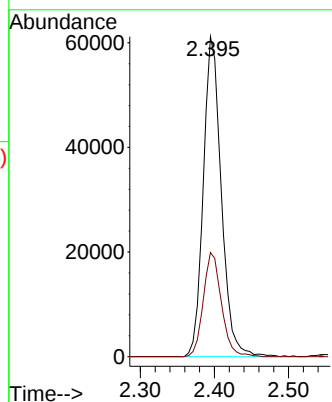
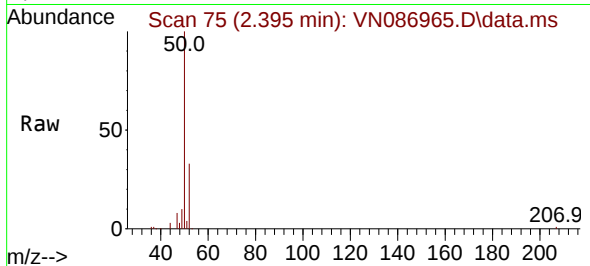




#3
Chloromethane
Concen: 45.148 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

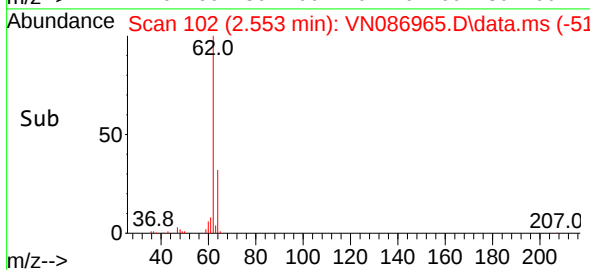
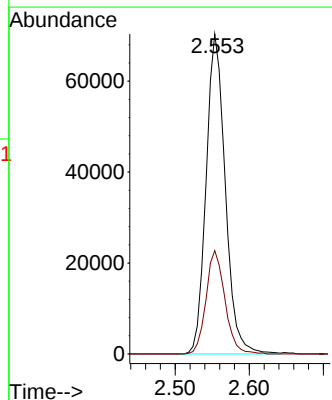
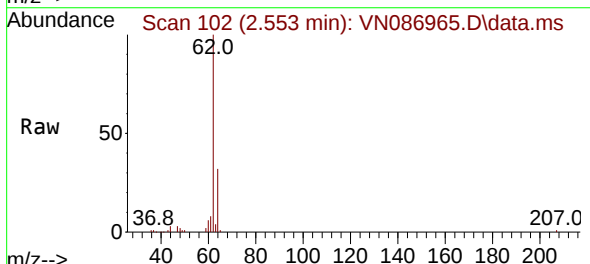
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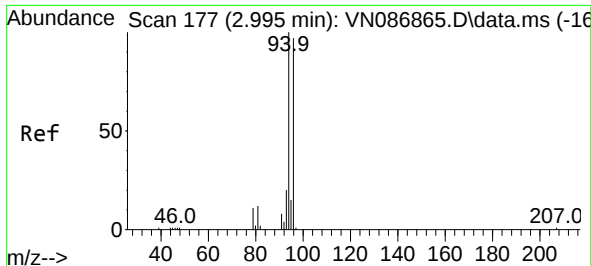
Tgt Ion: 50 Resp: 103222
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 53.612 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086965.D
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Tgt Ion: 62 Resp: 126441
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

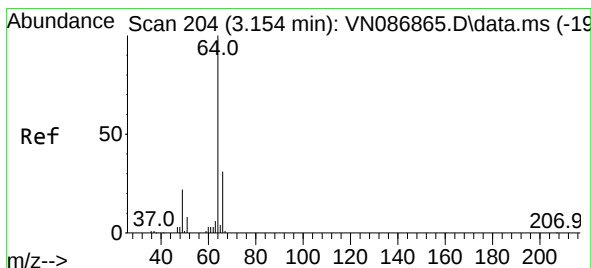
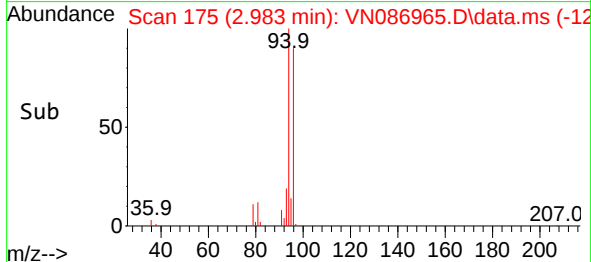
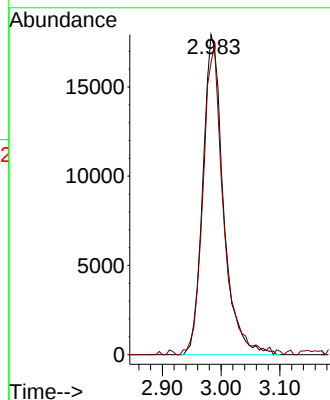
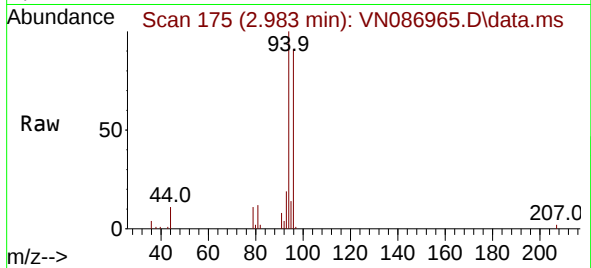




#5
Bromomethane
Concen: 33.049 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

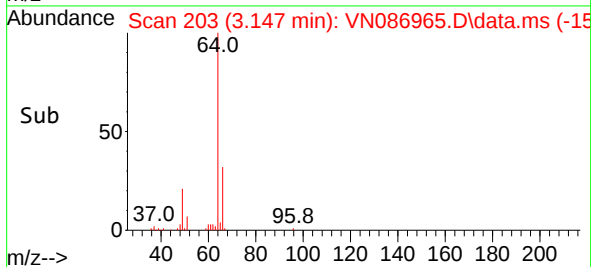
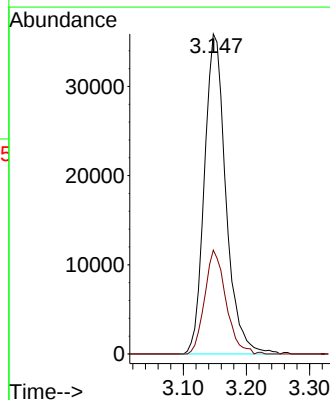
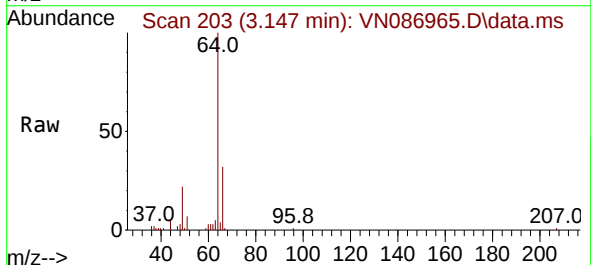
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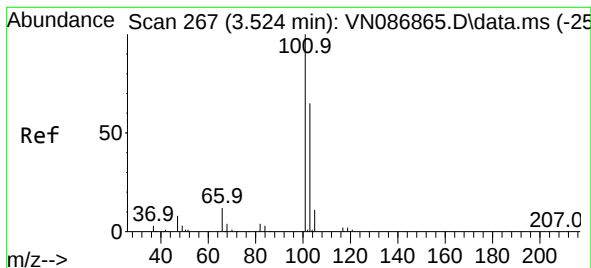
Tgt Ion: 94 Resp: 43618
Ion Ratio Lower Upper
94 100
96 91.4 77.9 116.9



#6
Chloroethane
Concen: 55.606 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 64 Resp: 84712
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8

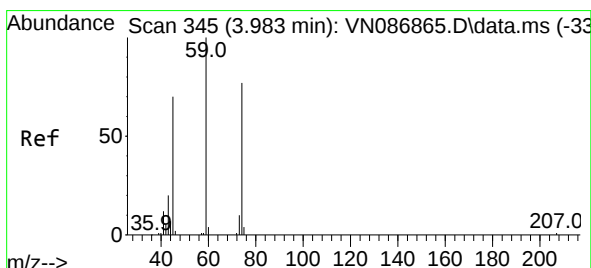
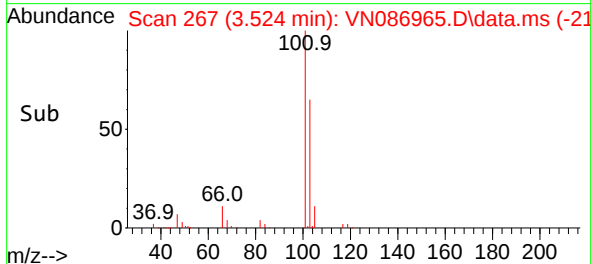
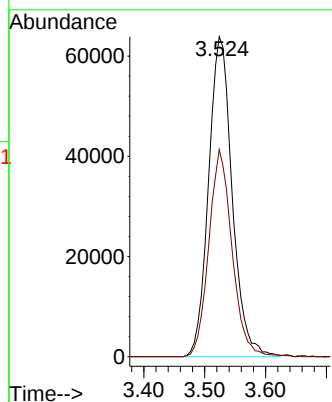
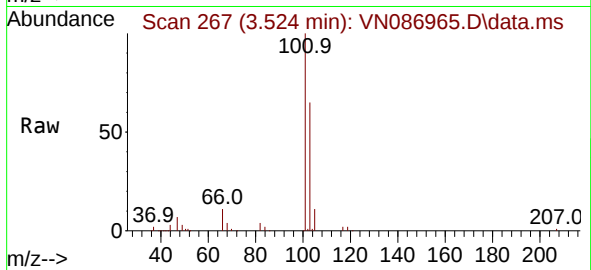




#7
Trichlorofluoromethane
Concen: 55.827 ug/l
RT: 3.524 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

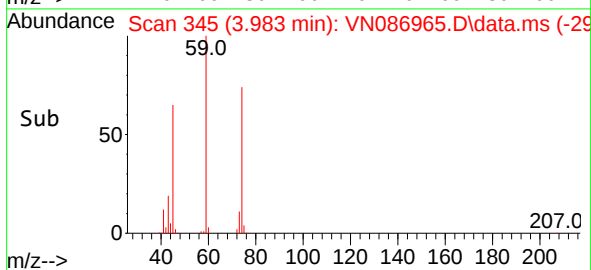
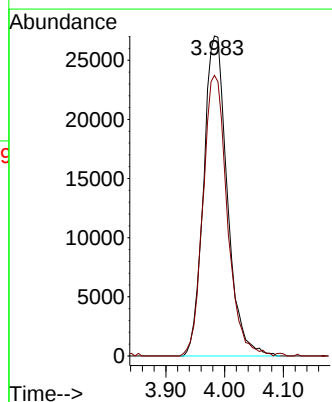
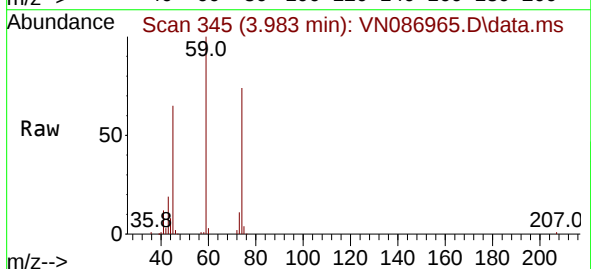
Instrument :
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Tgt Ion:101 Resp: 172024
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2



#8
Diethyl Ether
Concen: 56.330 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 74 Resp: 75627
Ion Ratio Lower Upper
74 100
45 89.7 45.5 136.5

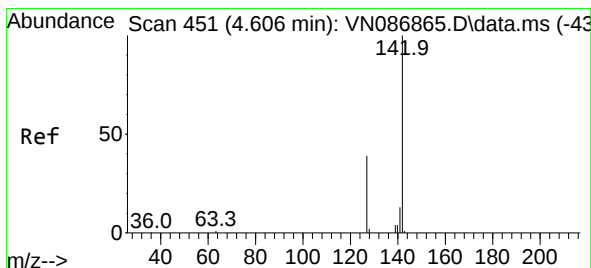
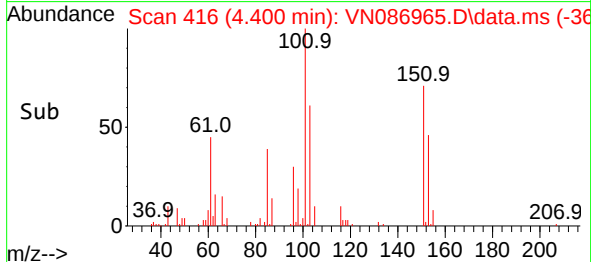
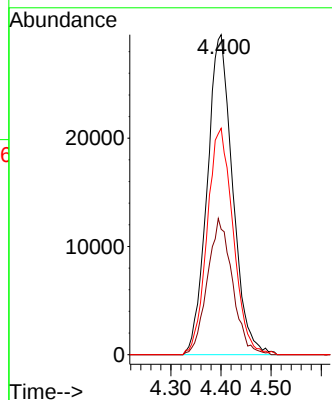
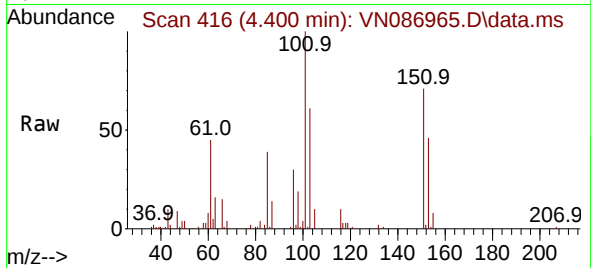




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.851 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086965.D
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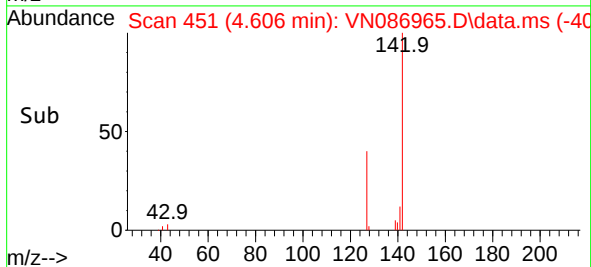
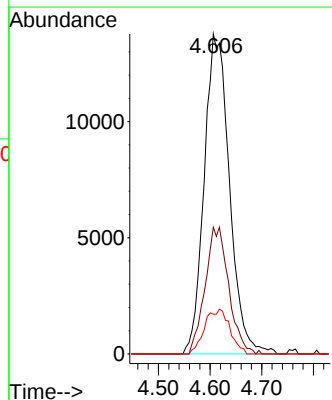
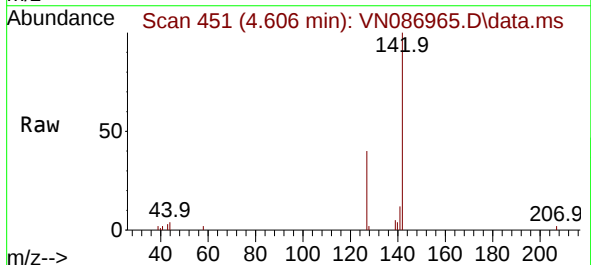
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 104252
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.8
151 72.4 58.7 88.1



#10
Methyl Iodide
Concen: 18.649 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:142 Resp: 46802
Ion Ratio Lower Upper
142 100
127 39.6 30.9 46.3
141 12.5 10.4 15.6

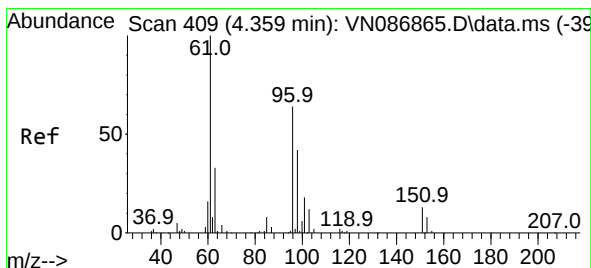
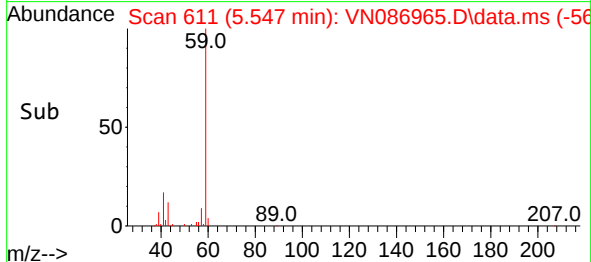
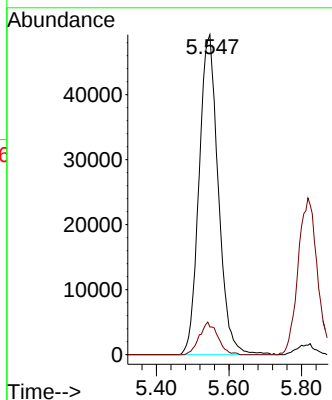
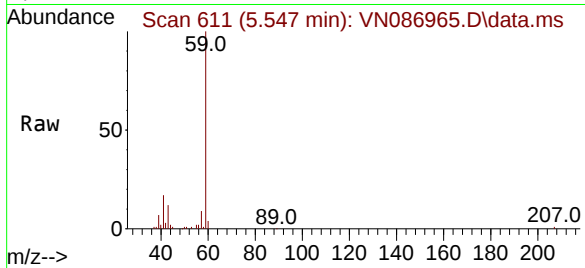




#11
Tert butyl alcohol
Concen: 280.391 ug/l
RT: 5.547 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

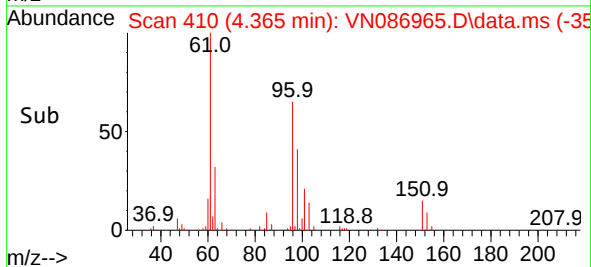
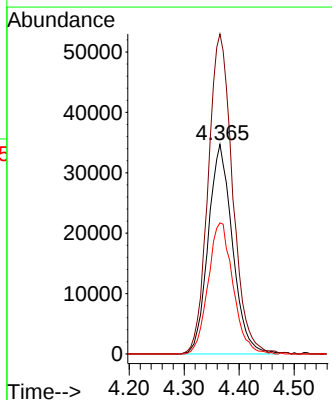
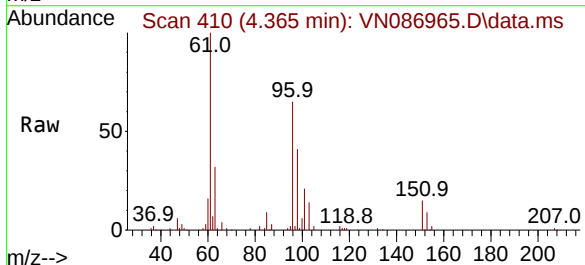
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

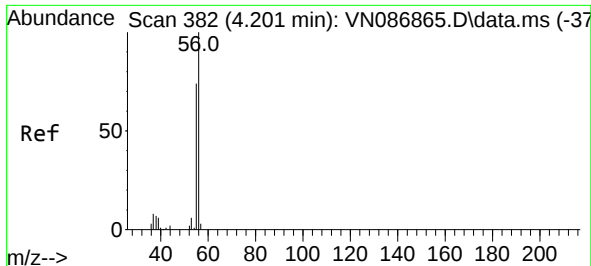
Tgt Ion: 59 Resp: 180885
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 53.824 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 96 Resp: 106380
Ion Ratio Lower Upper
96 100
61 152.7 125.8 188.6
98 62.5 52.5 78.7





#13

Acrolein

Concen: 746.633 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

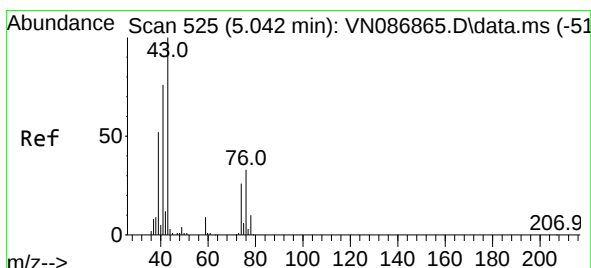
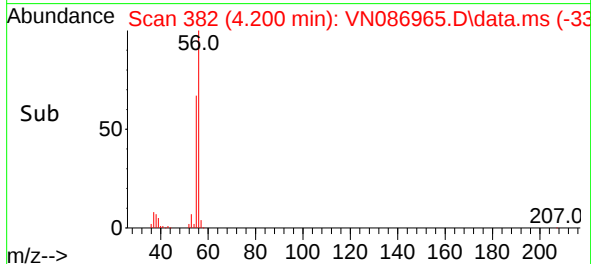
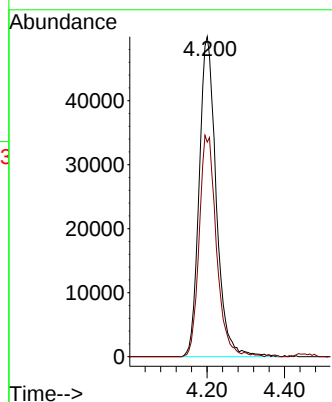
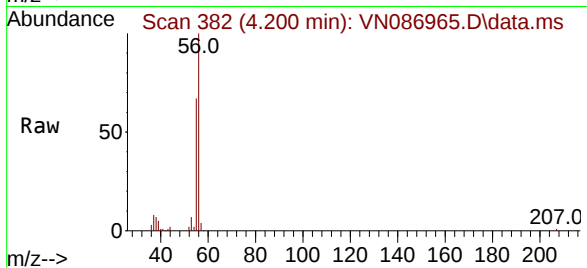
VSTDCCC050EC

Tgt Ion: 56 Resp: 152464

Ion Ratio Lower Upper

56 100

55 69.4 55.6 83.4



#14

Allyl chloride

Concen: 50.921 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

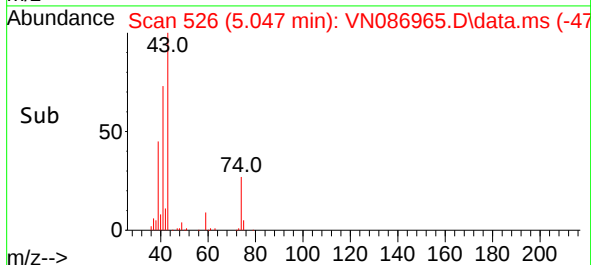
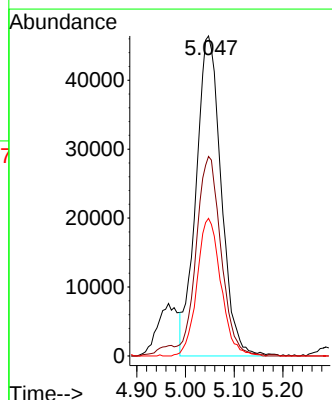
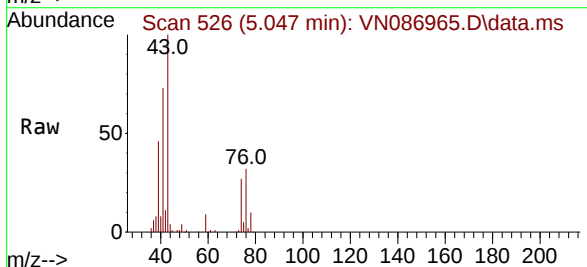
Tgt Ion: 41 Resp: 166911

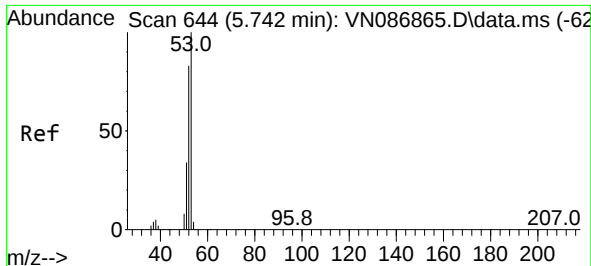
Ion Ratio Lower Upper

41 100

39 61.7 51.3 76.9

76 40.8 31.4 47.0

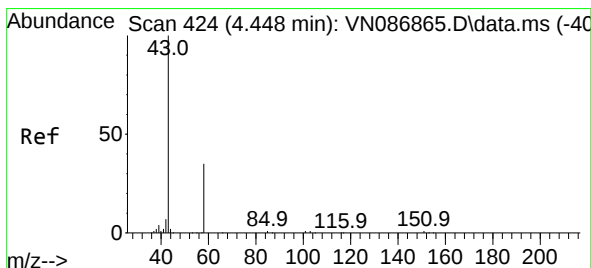
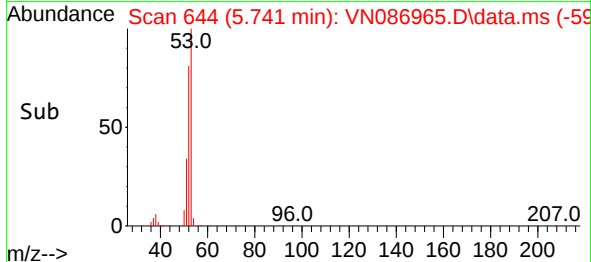
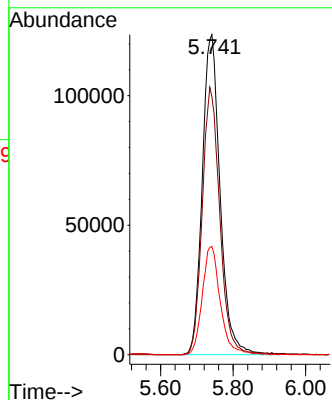
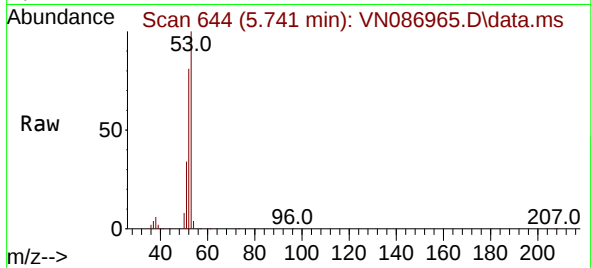




#15
Acrylonitrile
Concen: 280.476 ug/l
RT: 5.741 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

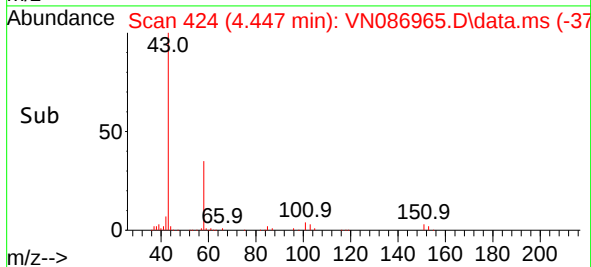
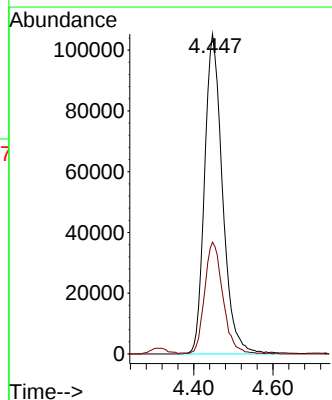
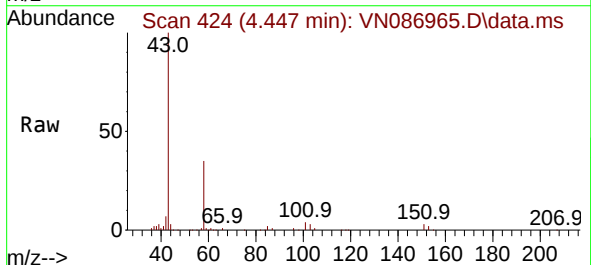
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 422921
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.6
51 34.0 27.2 40.8



#16
Acetone
Concen: 262.661 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 331168
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

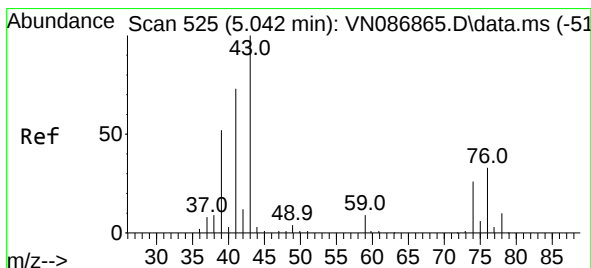
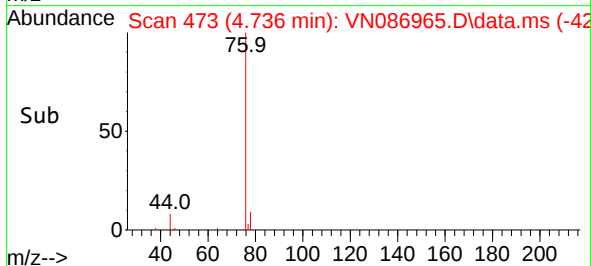
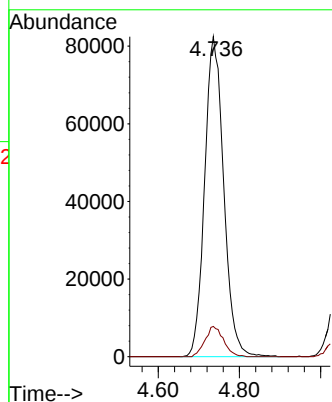
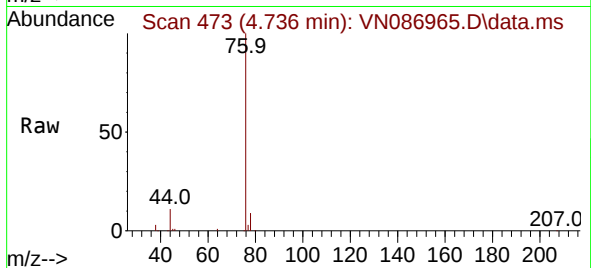




#17
Carbon Disulfide
Concen: 49.127 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

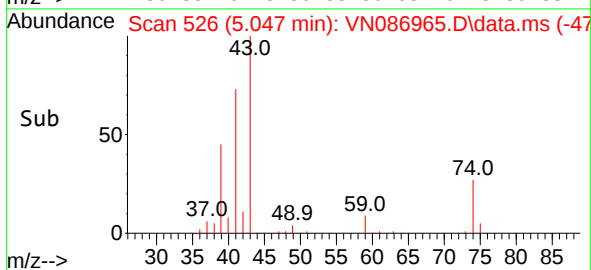
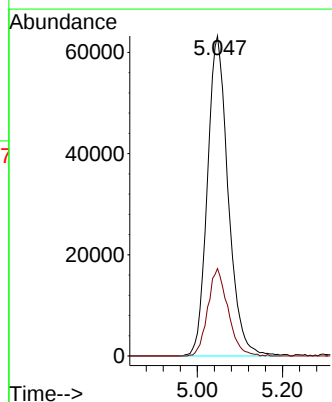
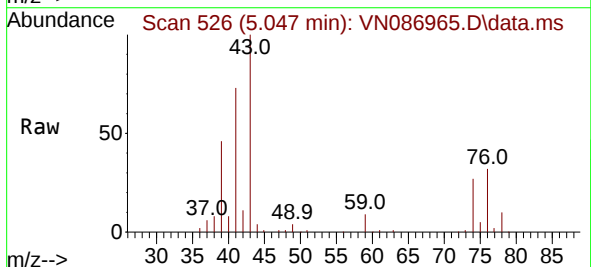
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

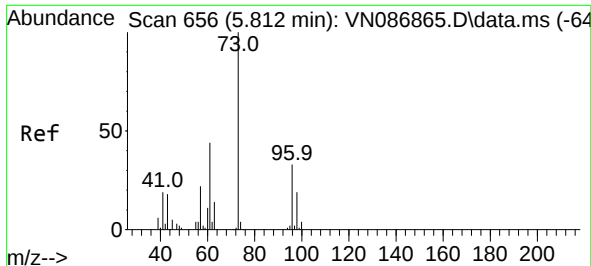
Tgt Ion: 76 Resp: 268580
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 58.328 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 214312
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1

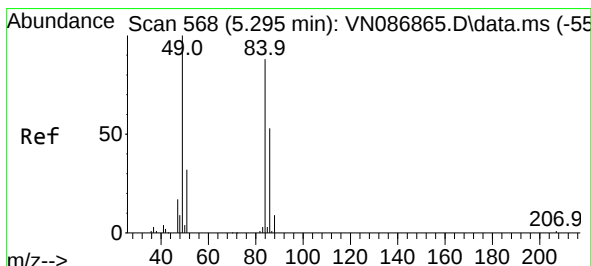
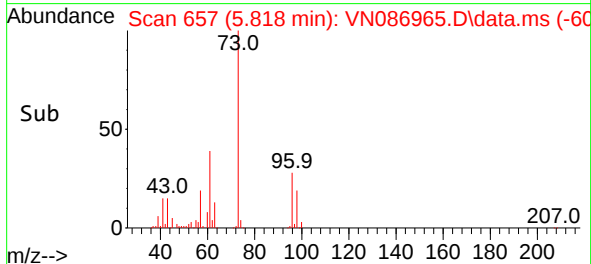
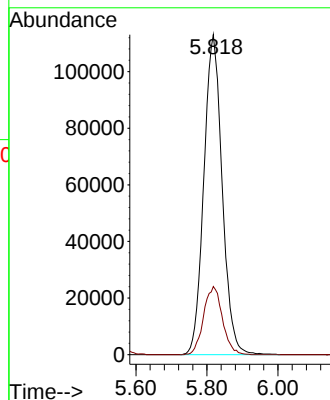
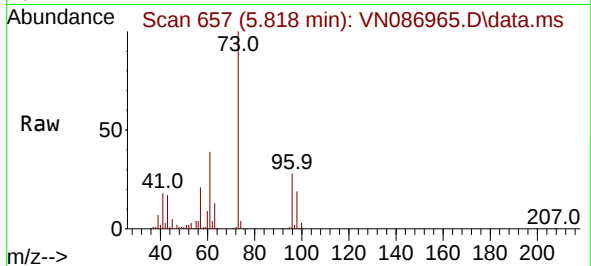




#19
Methyl tert-butyl Ether
Concen: 56.790 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

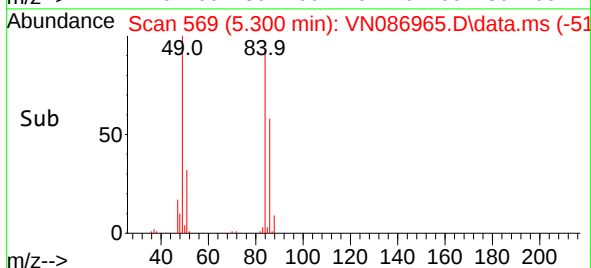
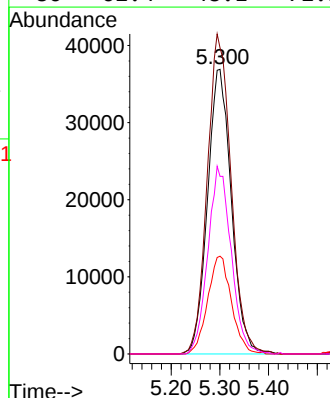
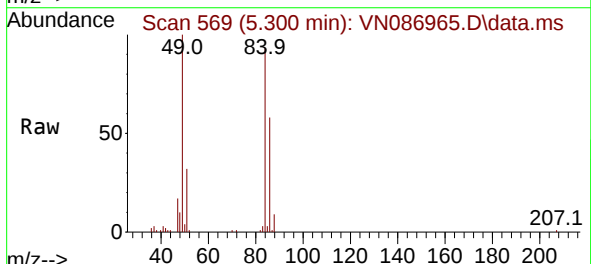
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

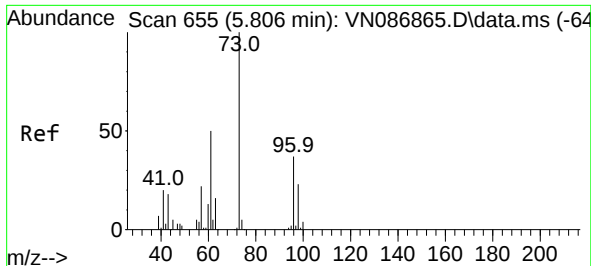
Tgt Ion: 73 Resp: 406405
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2



#20
Methylene Chloride
Concen: 53.166 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 84 Resp: 125496
Ion Ratio Lower Upper
84 100
49 107.5 90.5 135.7
51 34.3 28.5 42.7
86 62.4 48.1 72.1

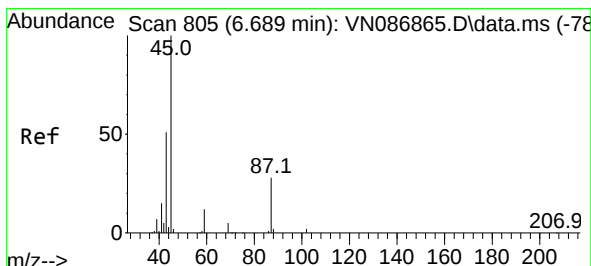
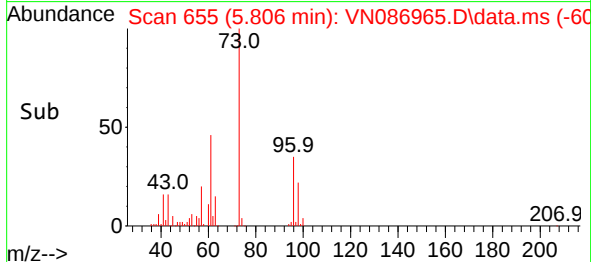
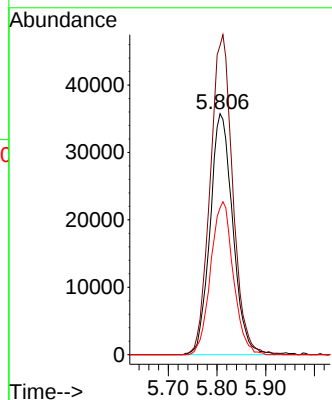
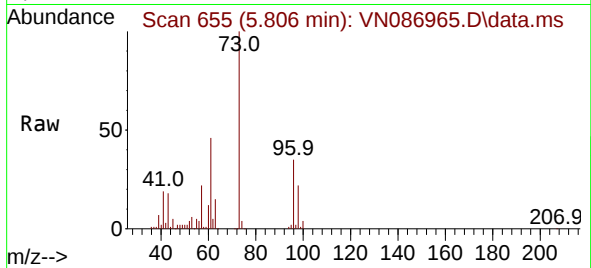




#21
trans-1,2-Dichloroethene
Concen: 52.697 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

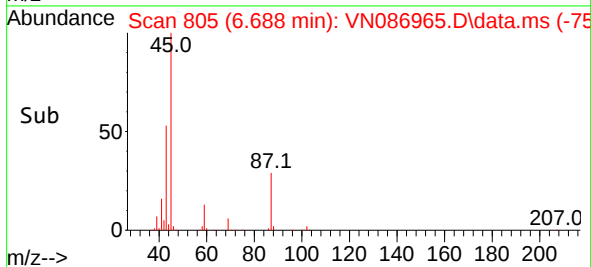
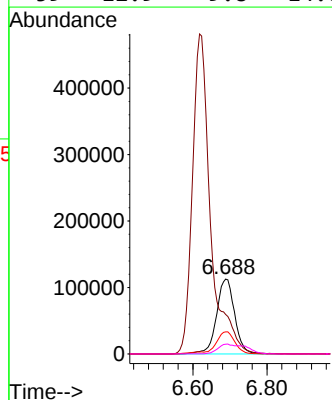
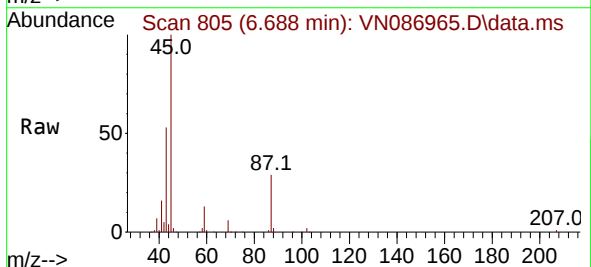
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 115879
Ion Ratio Lower Upper
96 100
61 128.3 109.2 163.8
98 60.9 49.8 74.8



#22
Diisopropyl ether
Concen: 55.291 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 45 Resp: 382028
Ion Ratio Lower Upper
45 100
43 52.3 41.9 62.9
87 29.5 22.4 33.6
59 12.9 9.8 14.6

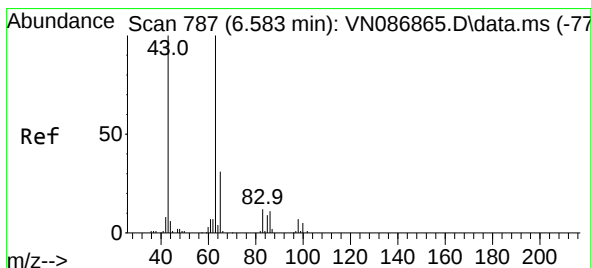
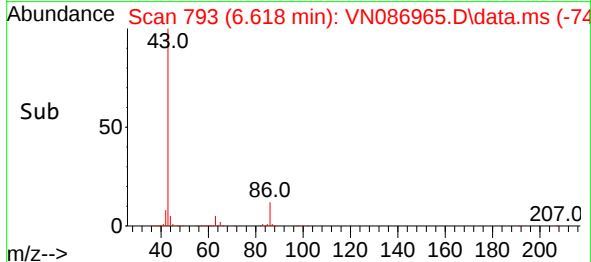
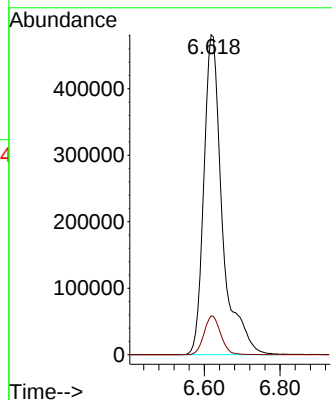
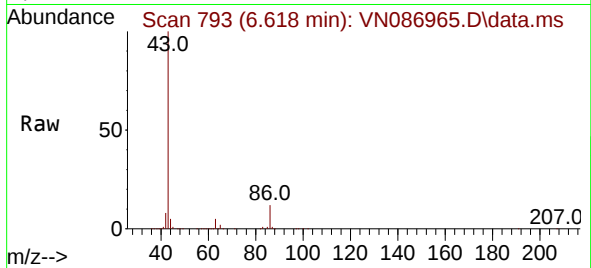




#23
 Vinyl Acetate
 Concen: 278.142 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

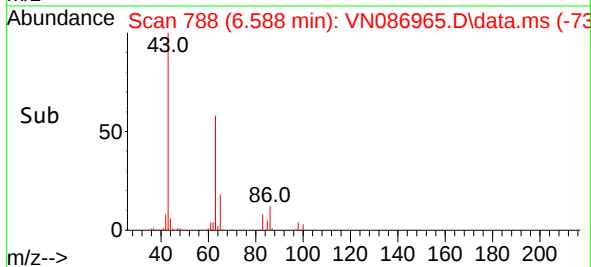
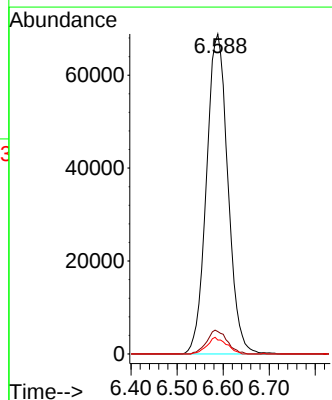
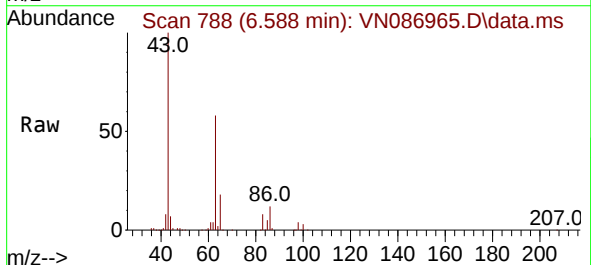
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

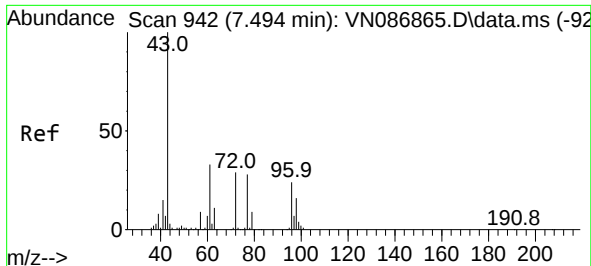
Tgt Ion: 43 Resp: 1623707
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 56.057 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Tgt Ion: 63 Resp: 222894
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.3 2.6 7.8

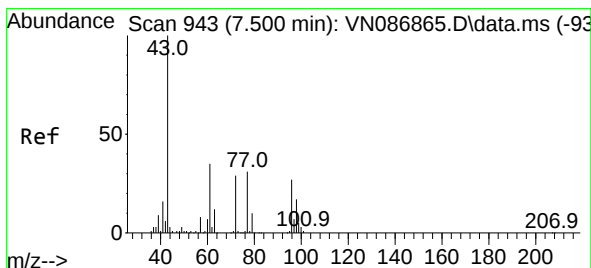
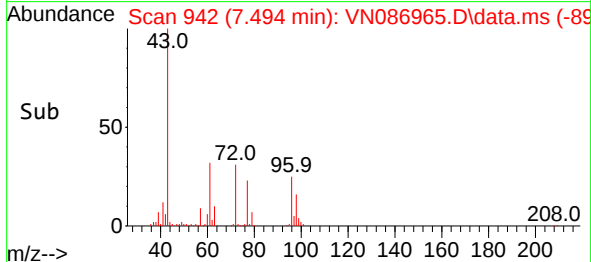
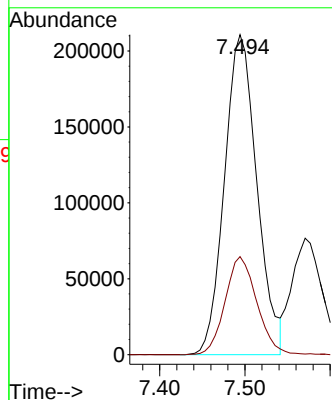
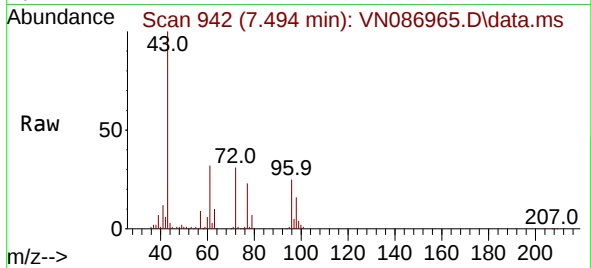




#25
2-Butanone
Concen: 272.256 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

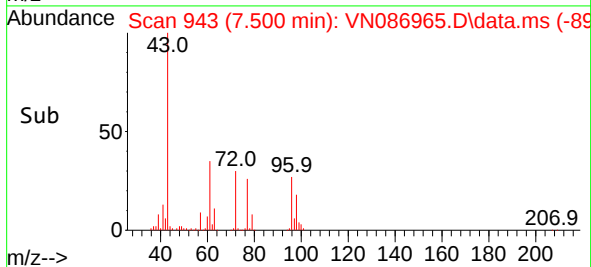
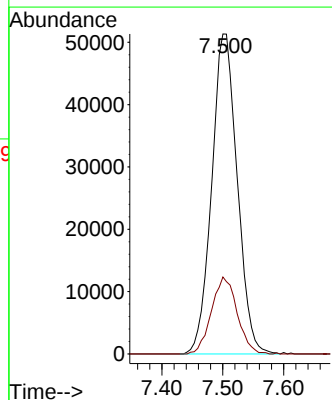
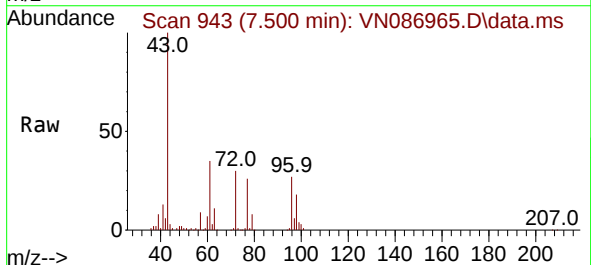
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

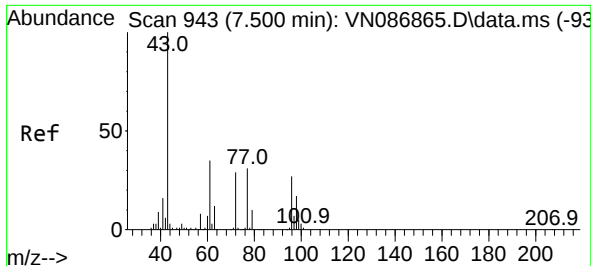
Tgt Ion: 43 Resp: 557966
Ion Ratio Lower Upper
43 100
72 30.6 23.0 34.6



#26
2,2-Dichloropropane
Concen: 48.315 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 77 Resp: 149440
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7

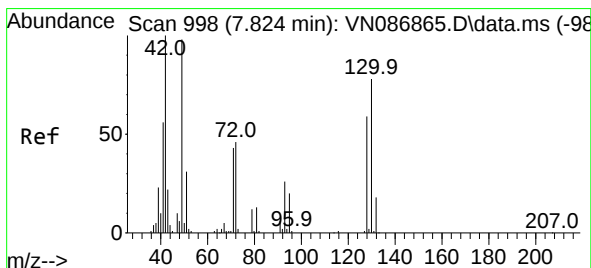
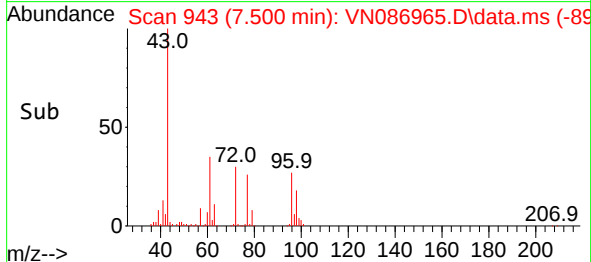
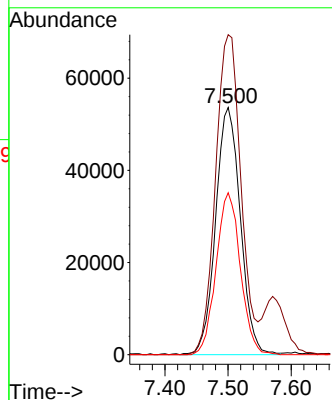
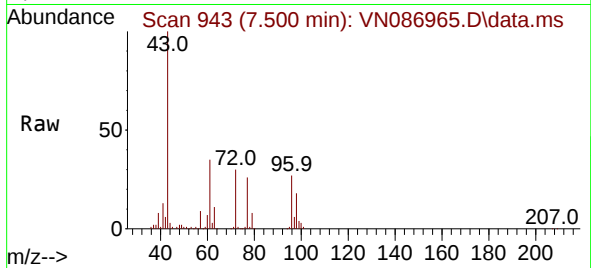




#27
 cis-1,2-Dichloroethene
 Concen: 55.654 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

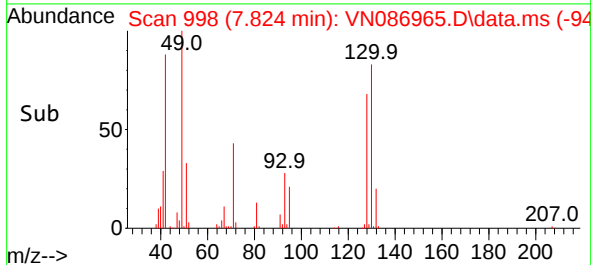
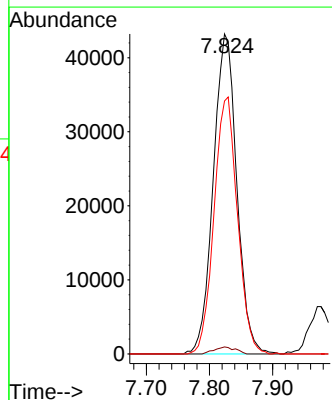
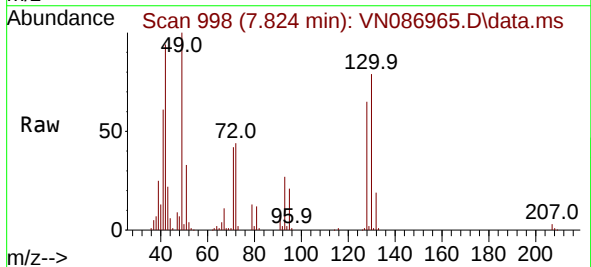
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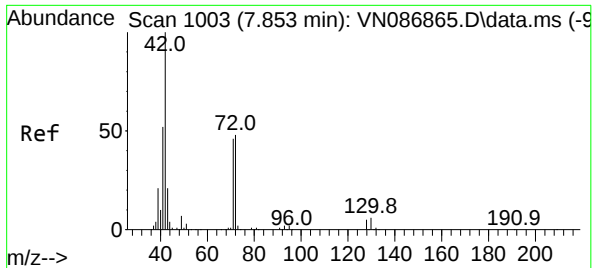
Tgt Ion: 96 Resp: 146360
 Ion Ratio Lower Upper
 96 100
 61 132.9 0.0 278.0
 98 64.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 57.211 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Tgt Ion: 49 Resp: 111849
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 79.9 62.2 93.2

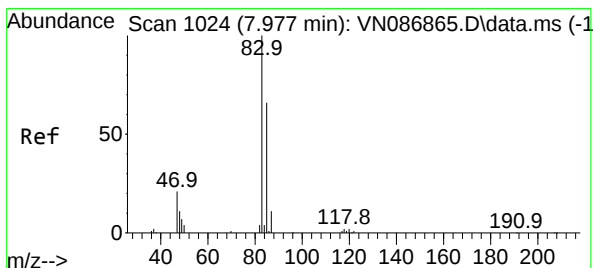
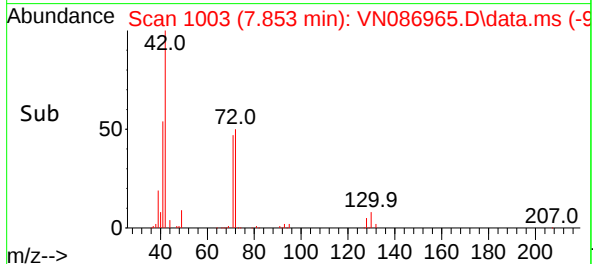
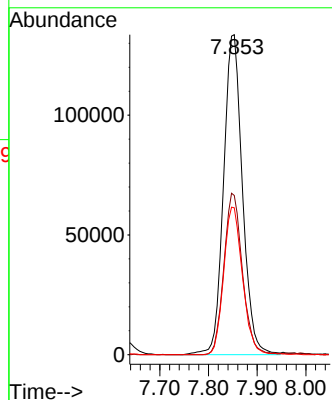
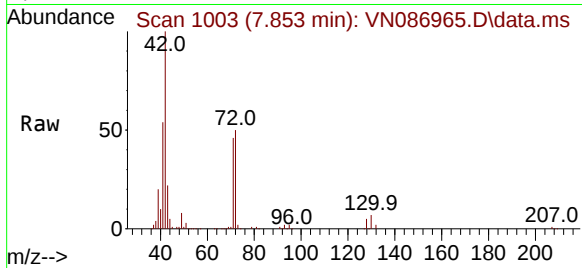




#29
Tetrahydrofuran
Concen: 270.436 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

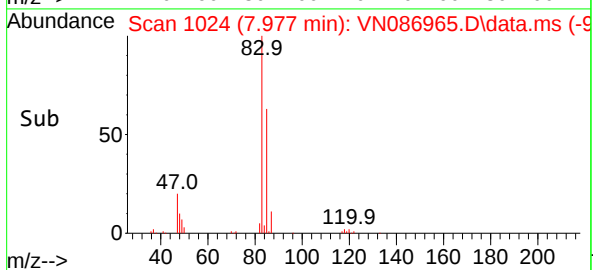
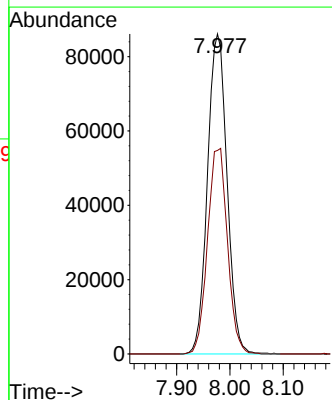
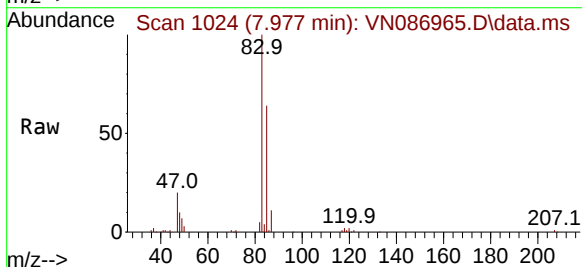
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

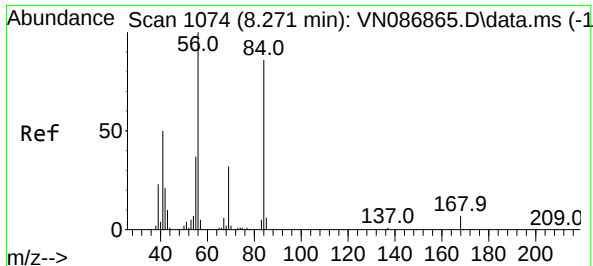
Tgt Ion: 42 Resp: 361046
Ion Ratio Lower Upper
42 100
72 49.5 37.8 56.6
71 46.0 35.6 53.4



#30
Chloroform
Concen: 55.175 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 219091
Ion Ratio Lower Upper
83 100
85 63.6 52.9 79.3

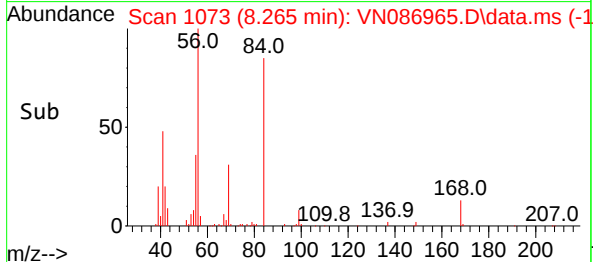
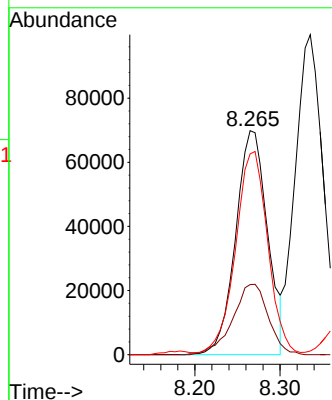
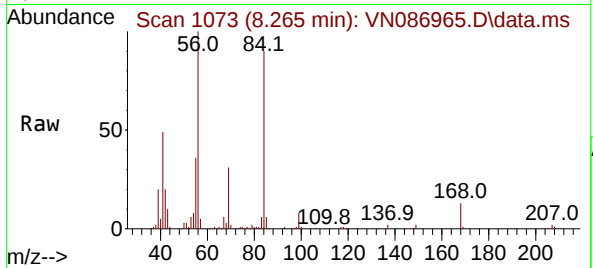




#31
Cyclohexane
Concen: 47.071 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

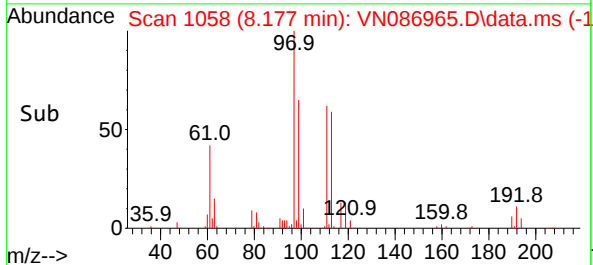
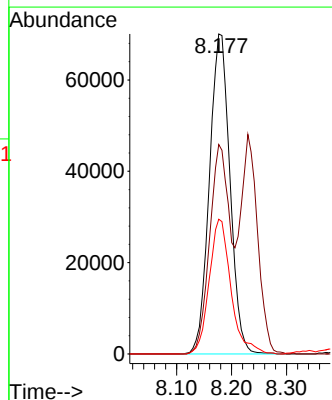
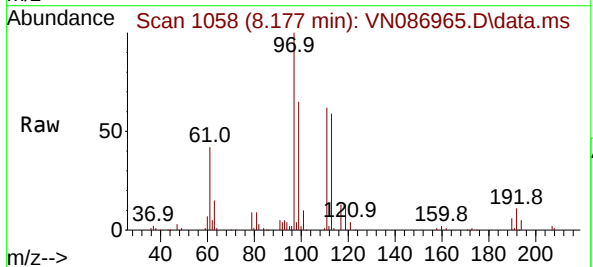
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

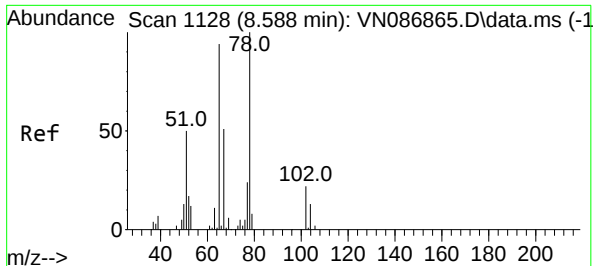
Tgt Ion: 56 Resp: 181510
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 88.0 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 53.846 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 97 Resp: 181857
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 44.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 52.069 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

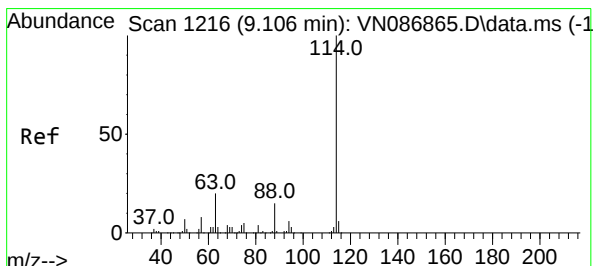
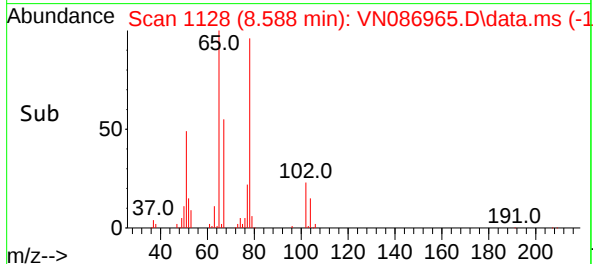
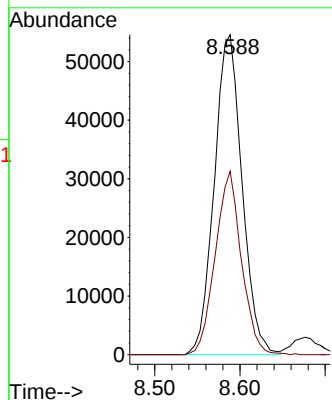
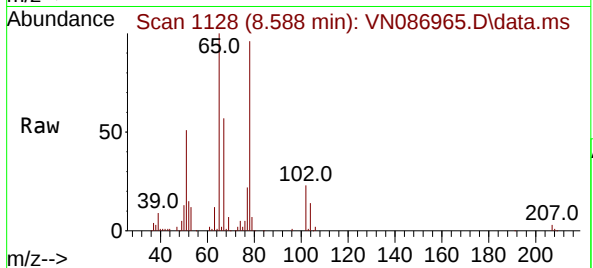
VSTDCCC050EC

Tgt Ion: 65 Resp: 123795

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

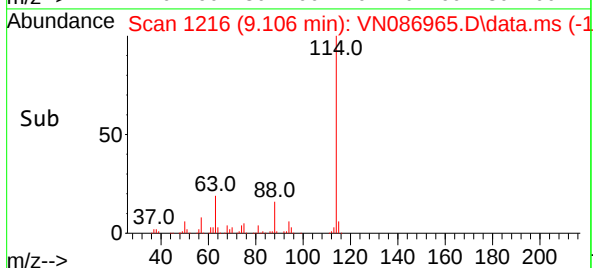
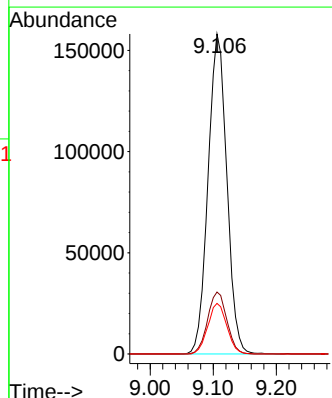
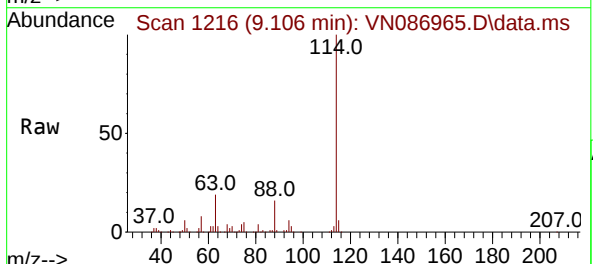
Tgt Ion: 114 Resp: 326287

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.000 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

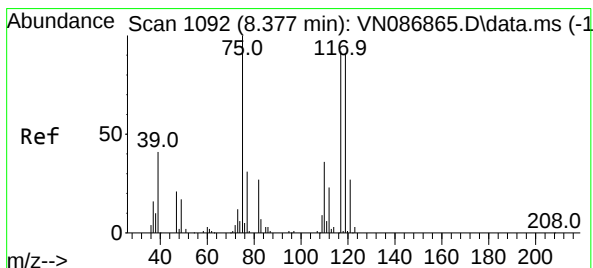
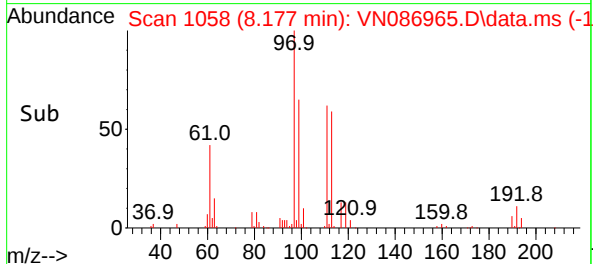
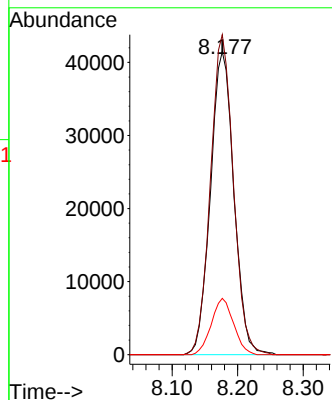
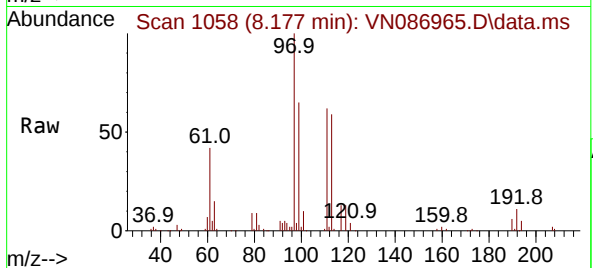
Tgt Ion:113 Resp: 102484

Ion Ratio Lower Upper

113 100

111 103.4 84.2 126.2

192 17.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 53.121 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

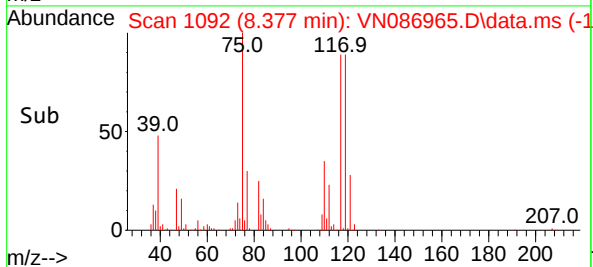
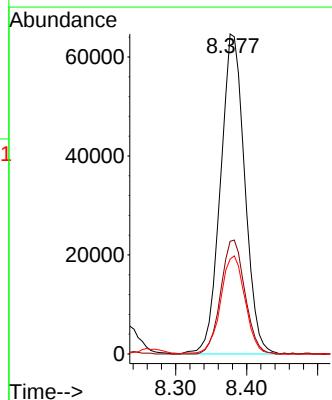
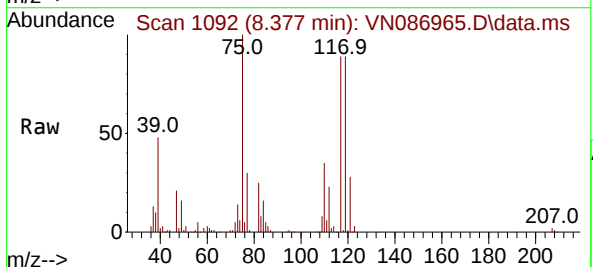
Tgt Ion: 75 Resp: 153059

Ion Ratio Lower Upper

75 100

110 35.4 17.6 52.9

77 31.0 25.3 37.9

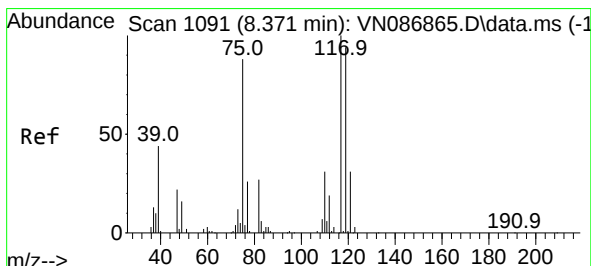
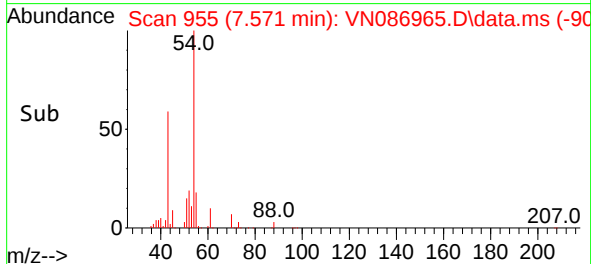
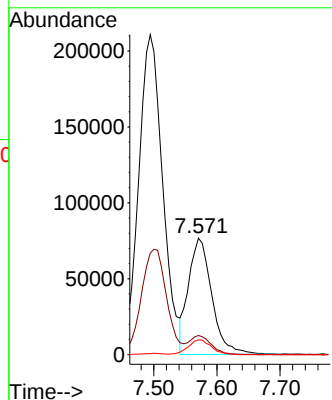
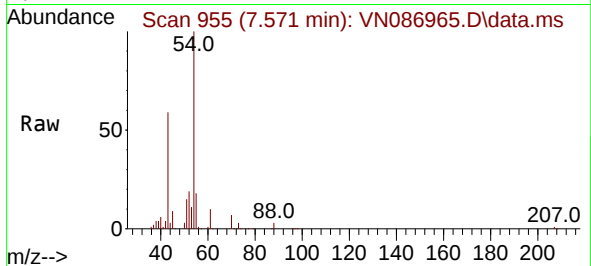




#37
Ethyl Acetate
Concen: 53.483 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

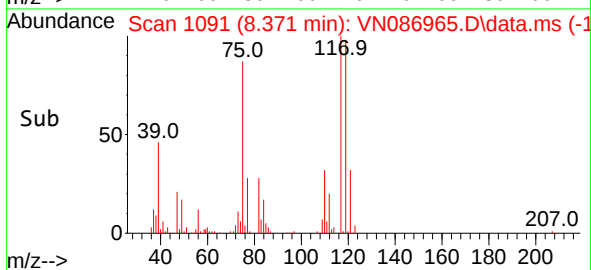
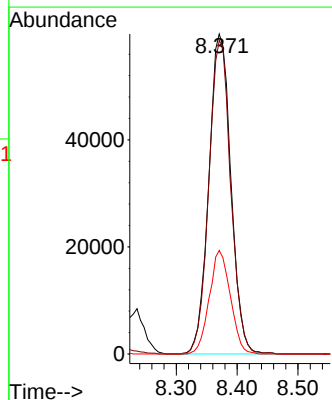
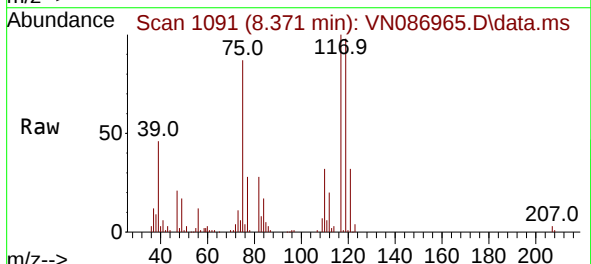
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

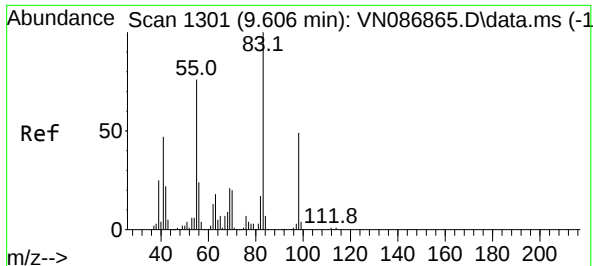
Tgt Ion: 43 Resp: 196171
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.303 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 117 Resp: 150782
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
121 32.3 24.9 37.3

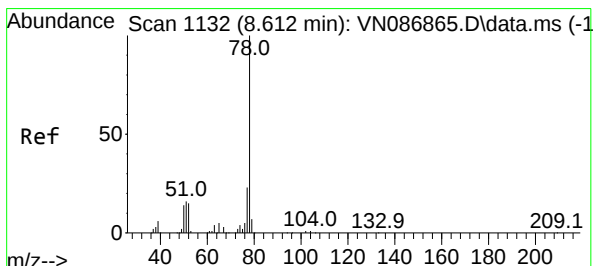
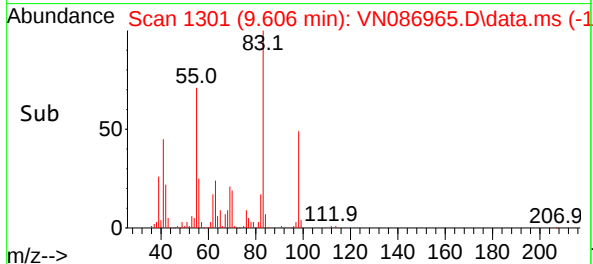
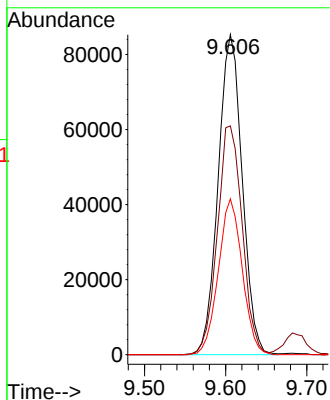
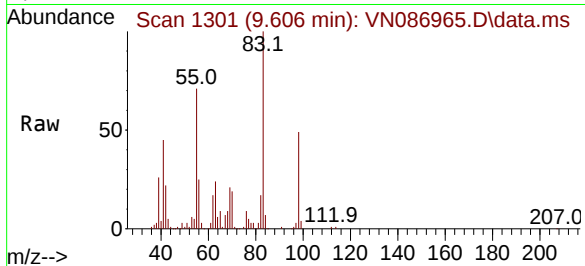




#39
Methylcyclohexane
Concen: 44.605 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

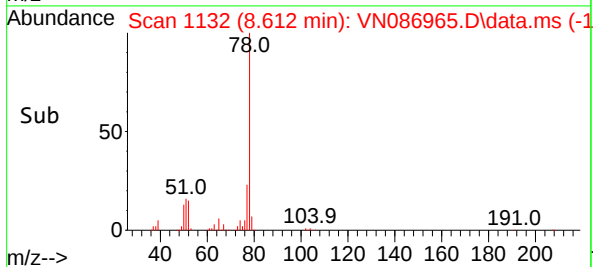
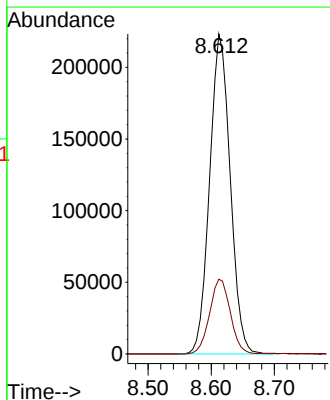
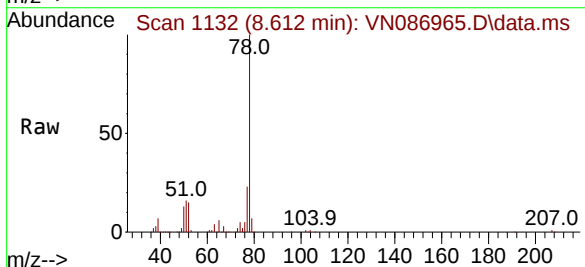
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

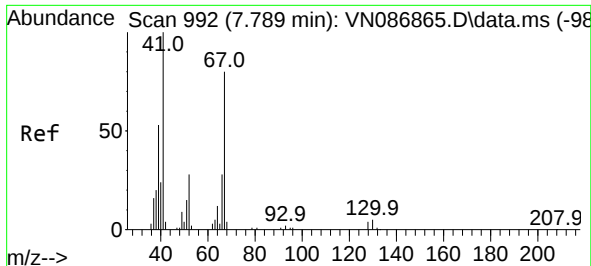
Tgt Ion: 83 Resp: 176079
Ion Ratio Lower Upper
83 100
55 71.5 61.0 91.6
98 48.7 38.9 58.3



#40
Benzene
Concen: 53.695 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 78 Resp: 505922
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



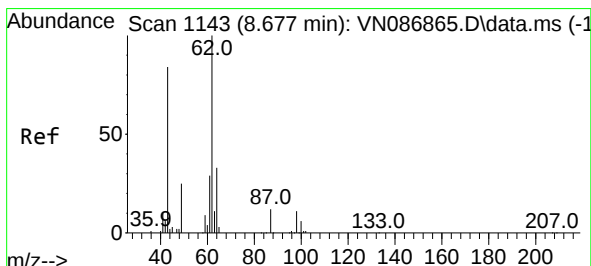
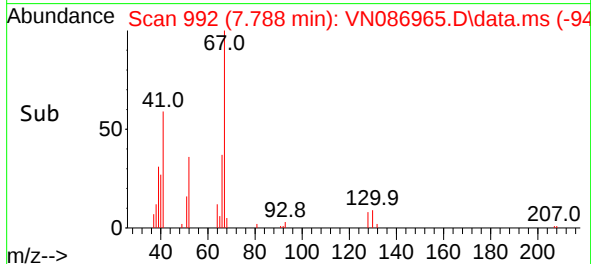
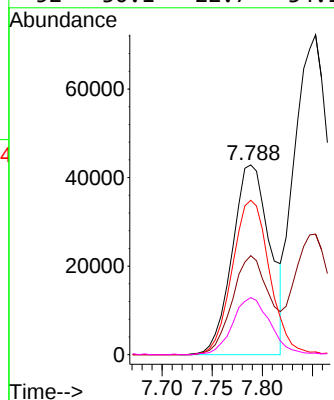
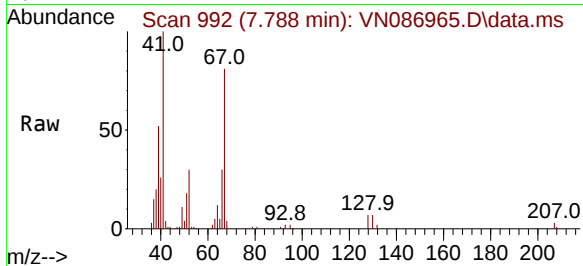


#41
Methacrylonitrile
Concen: 54.646 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 112567

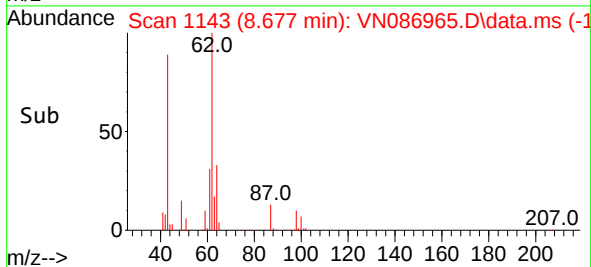
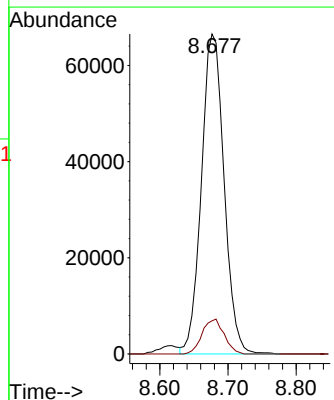
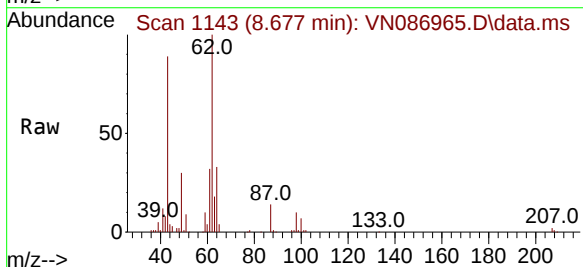
Ion	Ratio	Lower	Upper
41	100		
39	51.6	41.2	61.8
67	80.7	61.4	92.2
52	30.1	22.7	34.1

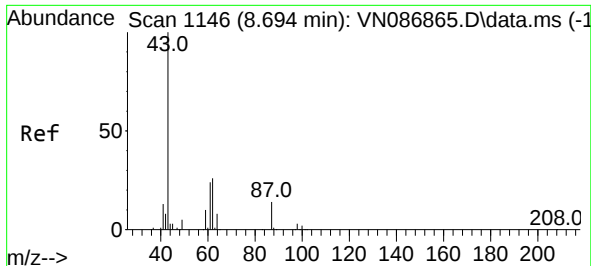


#42
1,2-Dichloroethane
Concen: 53.873 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 62 Resp: 153959

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2

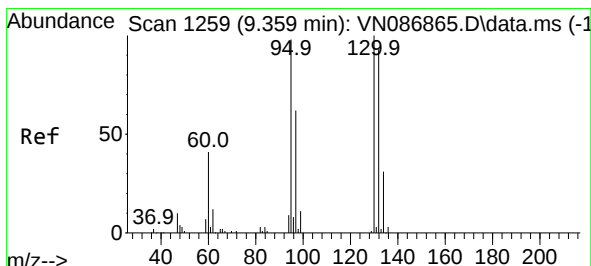
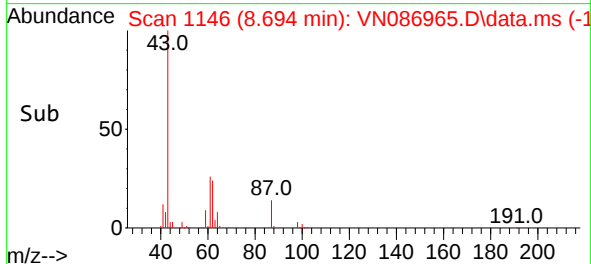
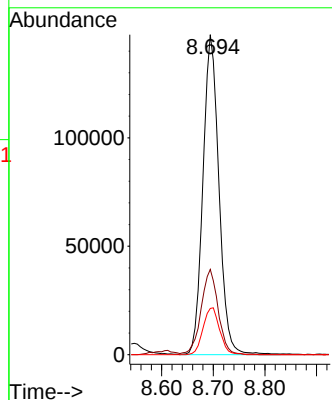
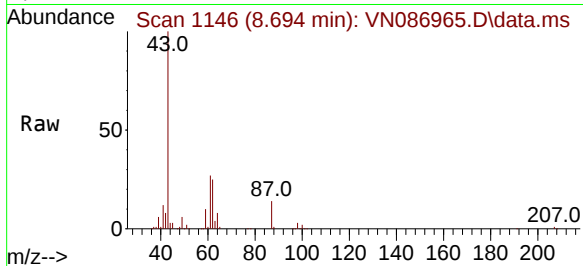




#43
Isopropyl Acetate
Concen: 53.857 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

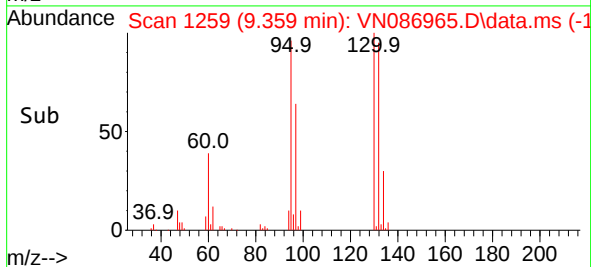
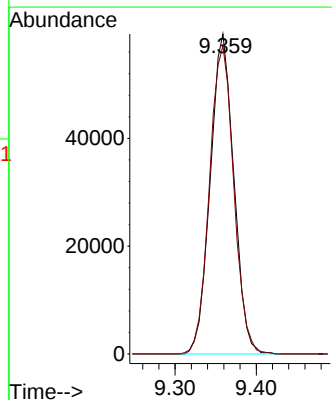
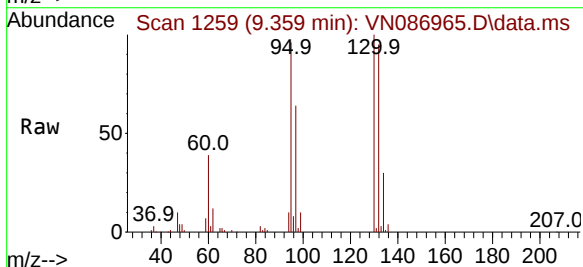
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

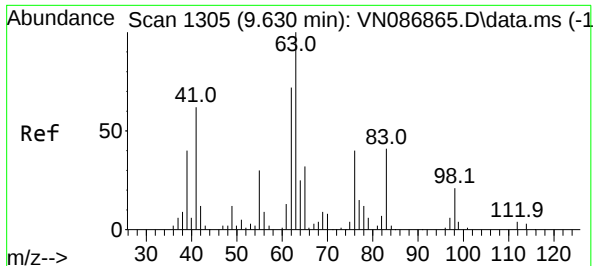
Tgt Ion: 43 Resp: 317059
Ion Ratio Lower Upper
43 100
61 28.1 22.1 33.1
87 15.2 11.8 17.6



#44
Trichloroethene
Concen: 53.458 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:130 Resp: 119433
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.2





#45

1,2-Dichloropropane

Concen: 54.196 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

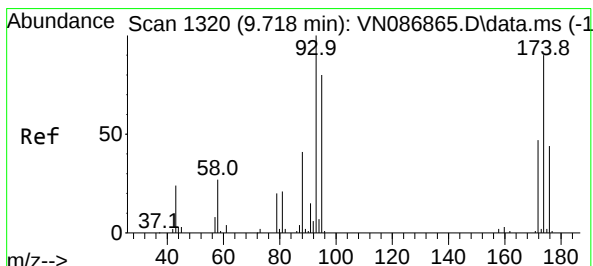
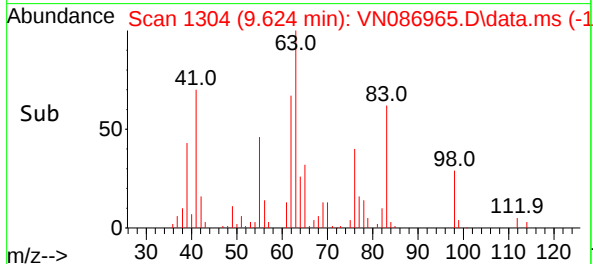
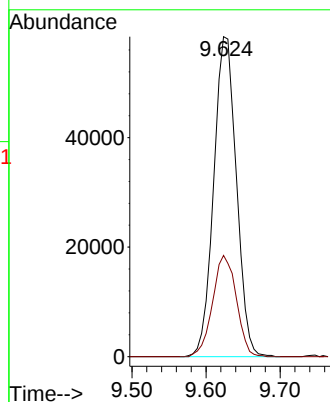
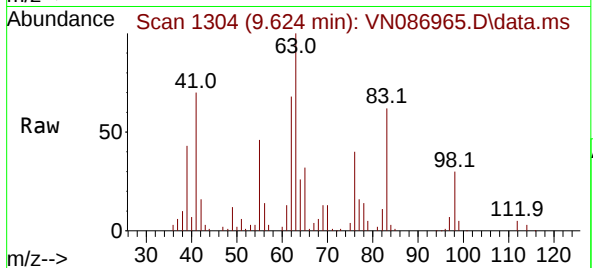
VSTDCCC050EC

Tgt Ion: 63 Resp: 124231

Ion Ratio Lower Upper

63 100

65 31.6 25.5 38.3



#46

Dibromomethane

Concen: 56.431 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

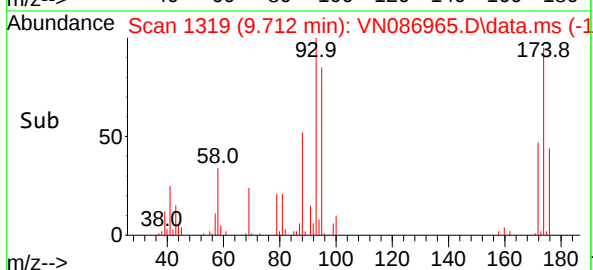
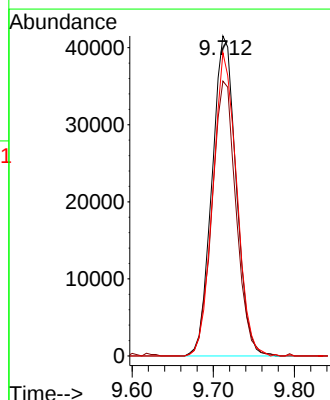
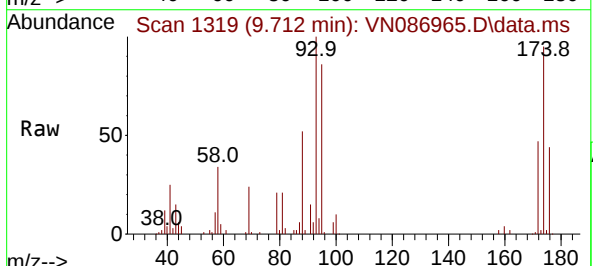
Tgt Ion: 93 Resp: 85919

Ion Ratio Lower Upper

93 100

95 85.6 67.1 100.7

174 93.3 74.2 111.4

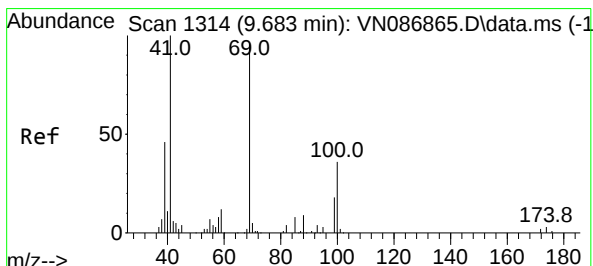
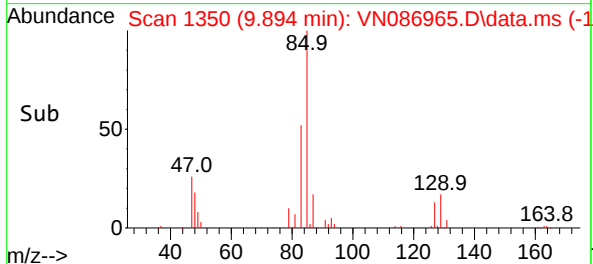
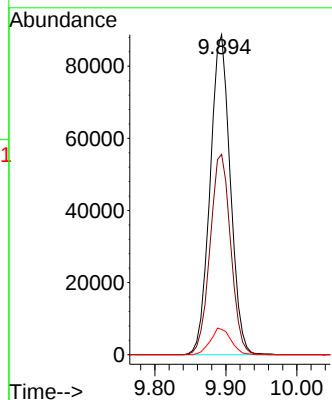
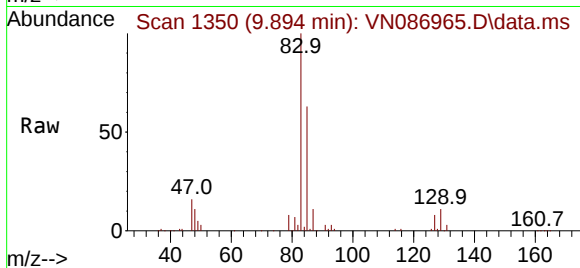




#47
Bromodichloromethane
Concen: 55.894 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

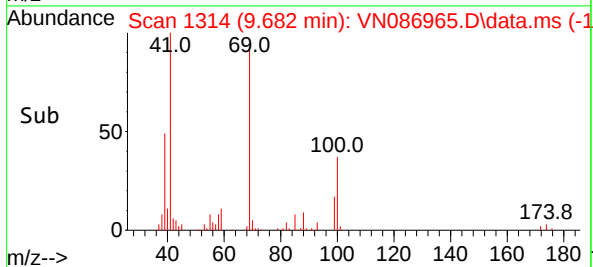
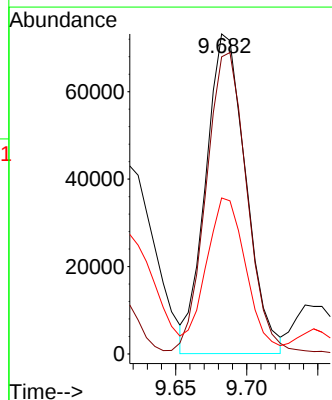
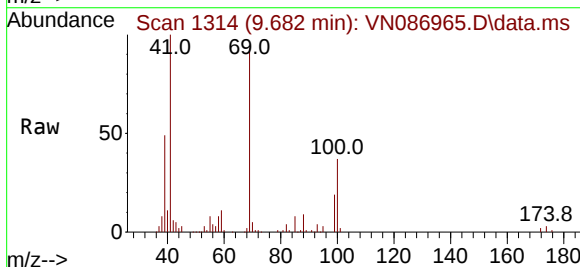
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

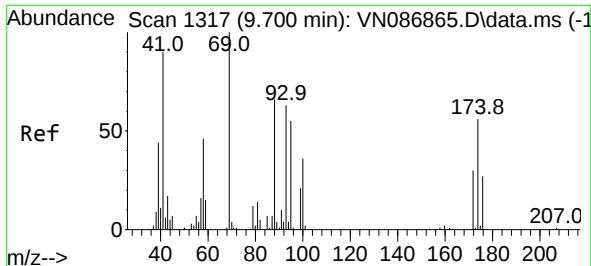
Tgt Ion: 83 Resp: 175093
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 53.046 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 143734
Ion Ratio Lower Upper
41 100
69 96.2 74.6 112.0
39 49.3 40.2 60.4

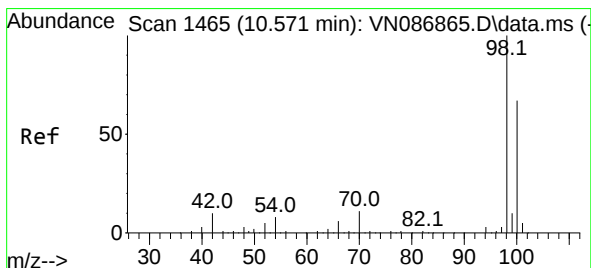
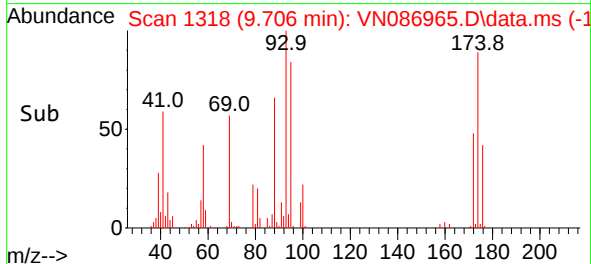
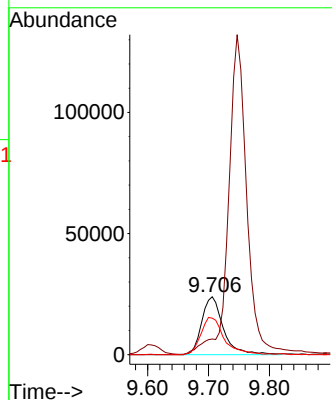
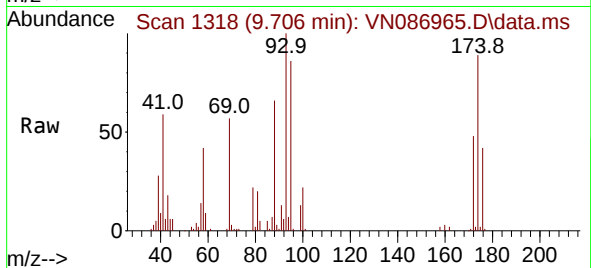




#49
1,4-Dioxane
Concen: 1194.044 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

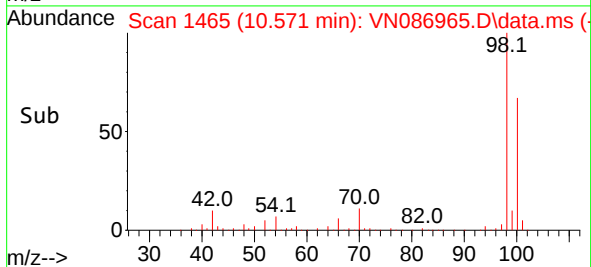
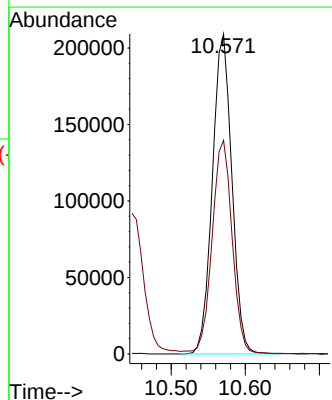
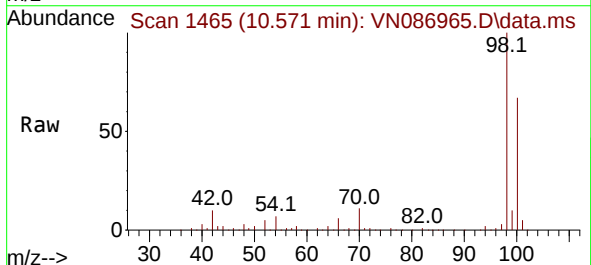
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

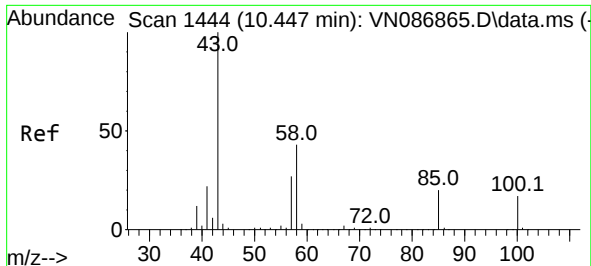
Tgt Ion: 88 Resp: 58859
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 69.1 57.7 86.5



#50
Toluene-d8
Concen: 49.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 98 Resp: 382080
Ion Ratio Lower Upper
98 100
100 68.3 53.4 80.0

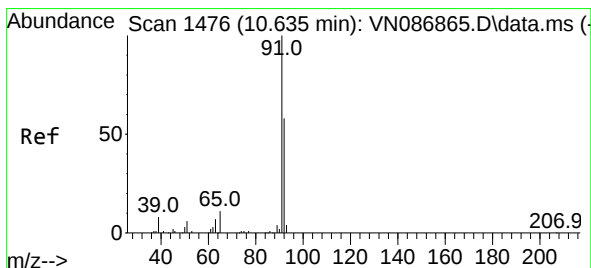
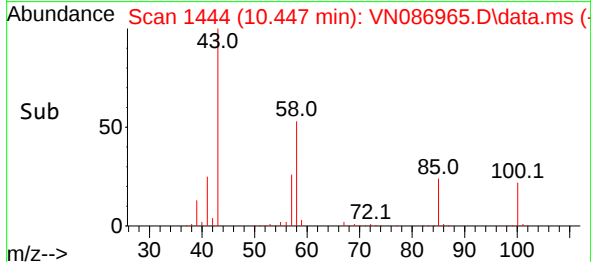
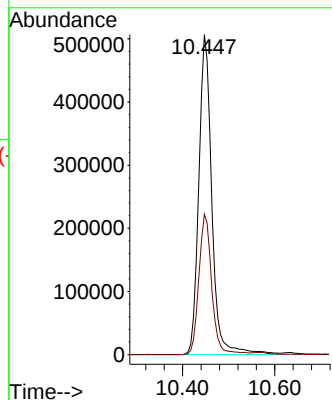
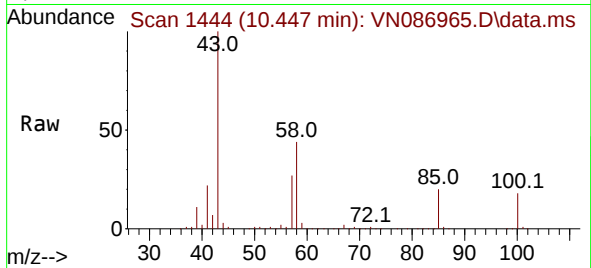




#51
4-Methyl-2-Pentanone
Concen: 281.028 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

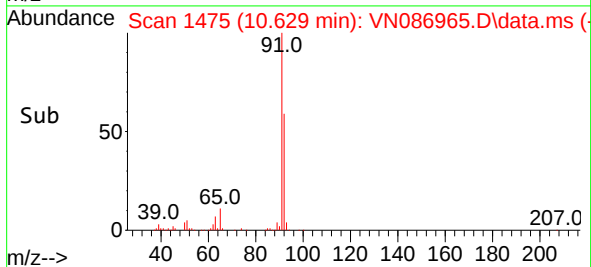
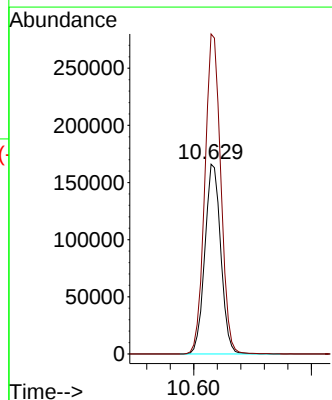
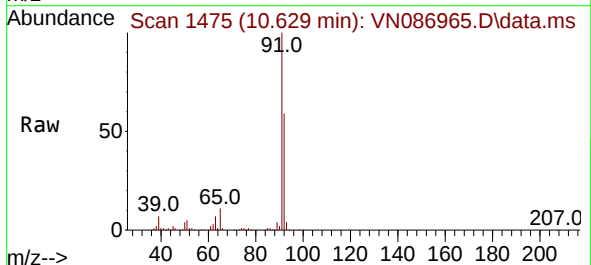
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

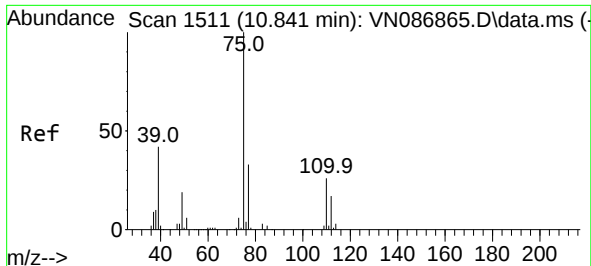
Tgt Ion: 43 Resp: 995984
Ion Ratio Lower Upper
43 100
58 43.6 34.2 51.4



#52
Toluene
Concen: 53.976 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 92 Resp: 310797
Ion Ratio Lower Upper
92 100
91 169.1 136.5 204.7

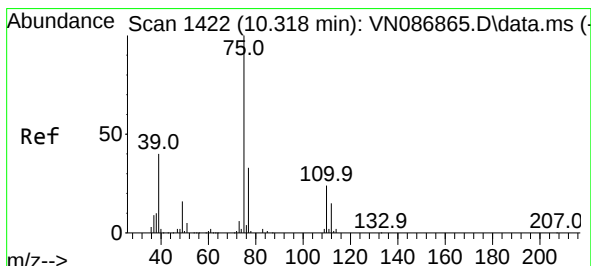
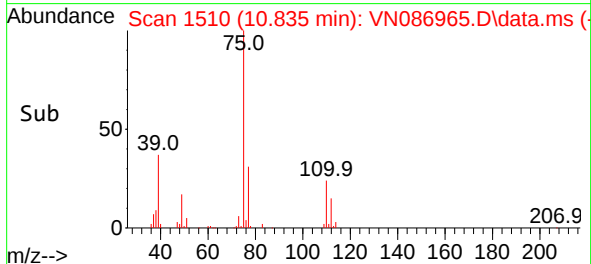
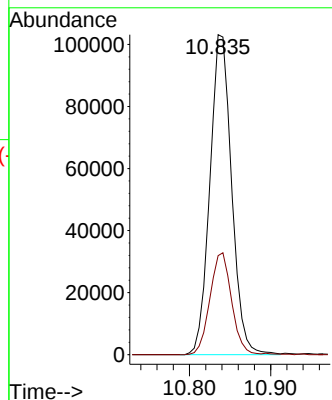
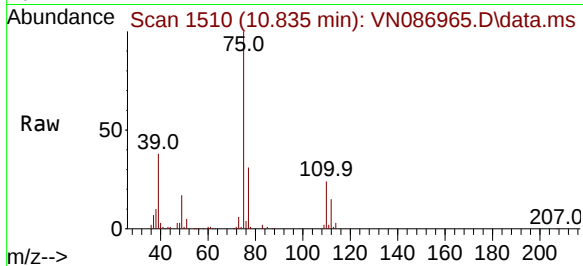




#53
 t-1,3-Dichloropropene
 Concen: 54.745 ug/l
 RT: 10.835 min Scan# 1511
 Delta R.T. -0.006 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

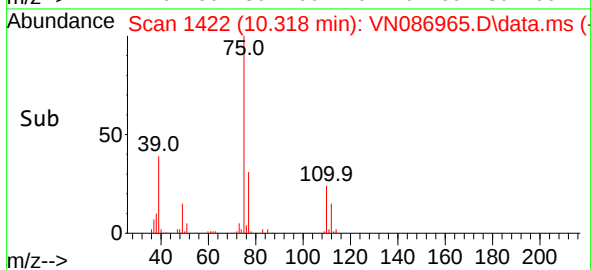
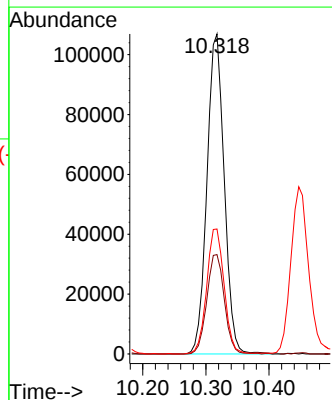
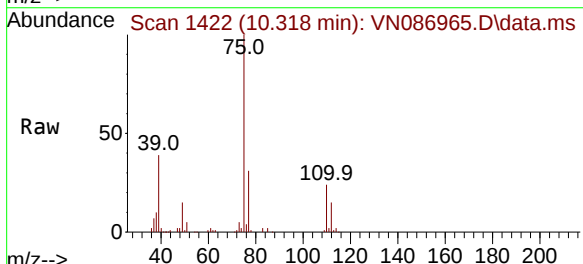
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

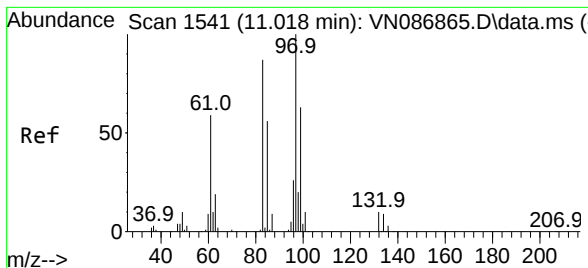
Tgt Ion: 75 Resp: 191765
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.242 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 203300
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4
 39 39.0 32.3 48.5

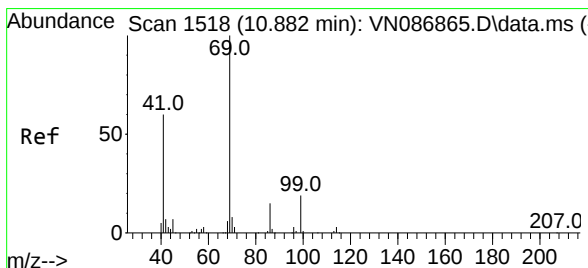
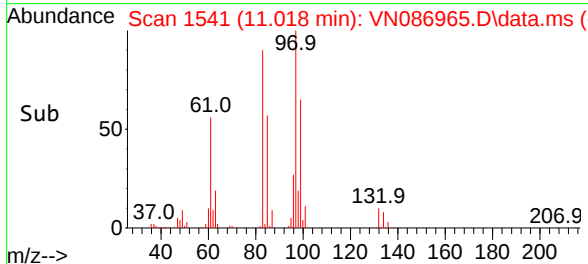
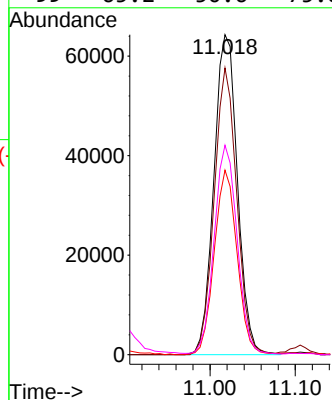
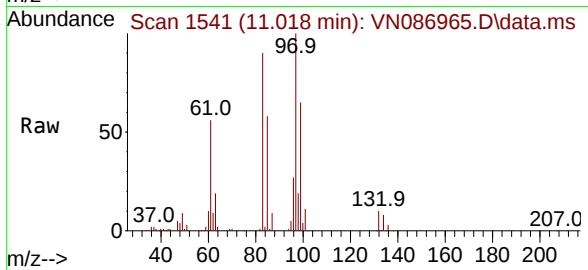




#55
1,1,2-Trichloroethane
Concen: 55.842 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

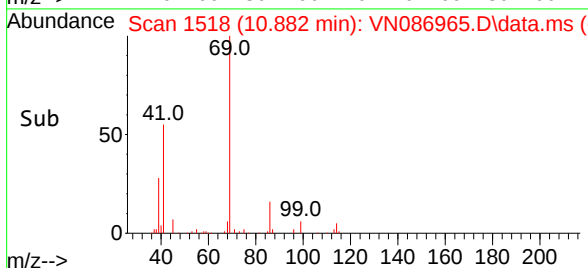
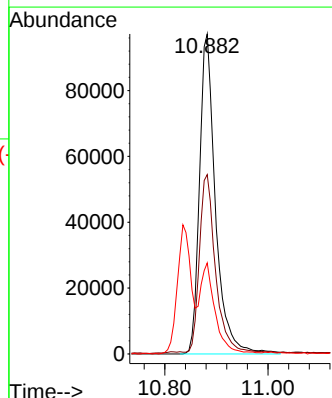
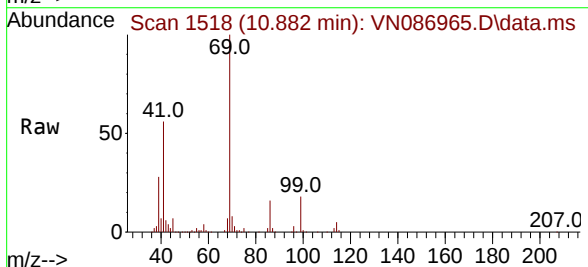
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

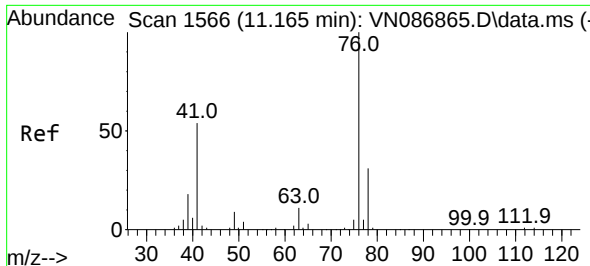
Tgt Ion: 97 Resp: 123723
Ion Ratio Lower Upper
97 100
83 89.6 69.7 104.5
85 57.7 45.1 67.7
99 65.2 50.6 75.8



#56
Ethyl methacrylate
Concen: 59.246 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 69 Resp: 209075
Ion Ratio Lower Upper
69 100
41 55.6 47.2 70.8
39 26.5 23.0 34.6





#57

1,3-Dichloropropane

Concen: 55.319 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

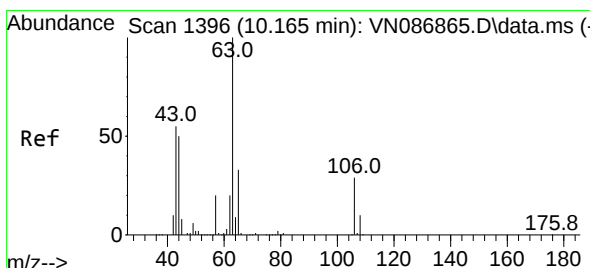
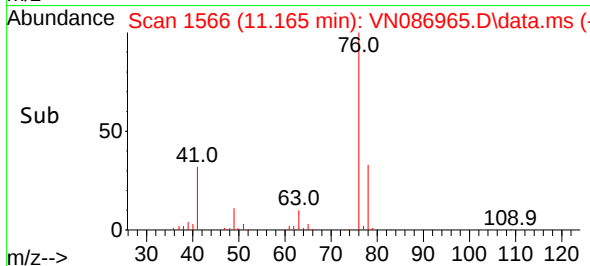
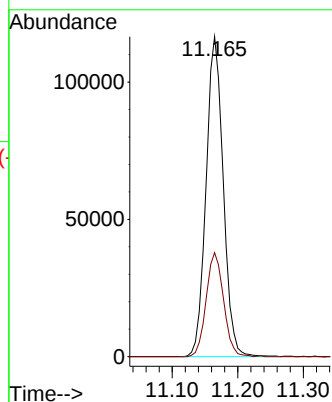
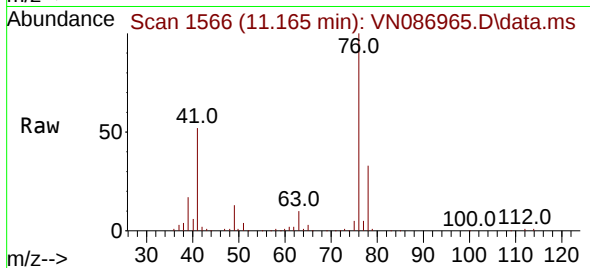
VSTDCCC050EC

Tgt Ion: 76 Resp: 212617

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 295.338 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086965.D

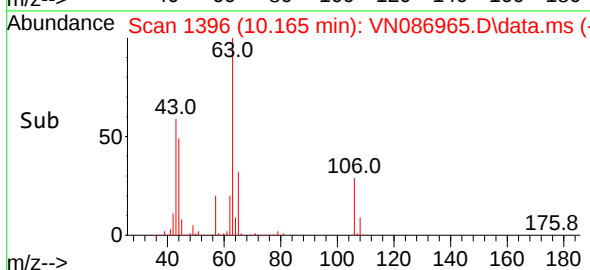
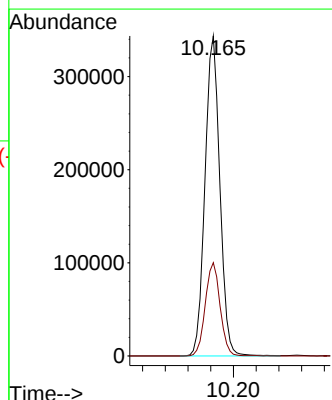
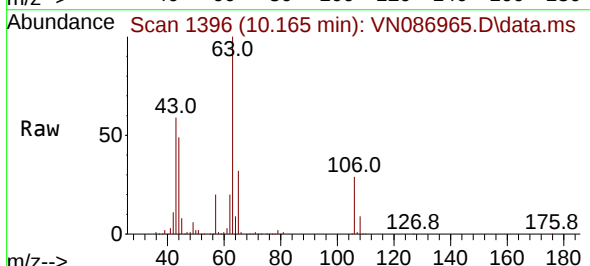
Acq: 11 Jun 2025 21:23

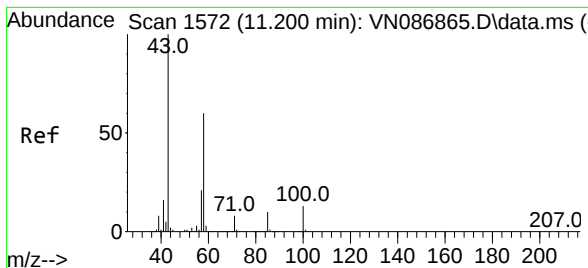
Tgt Ion: 63 Resp: 621634

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6

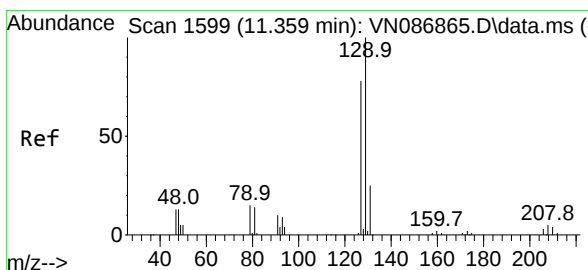
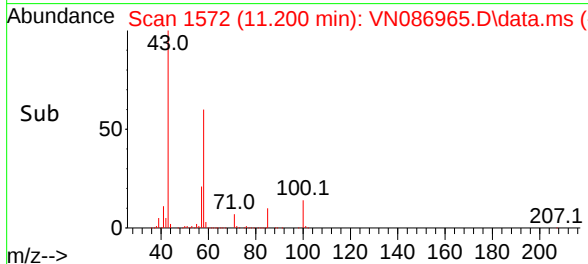
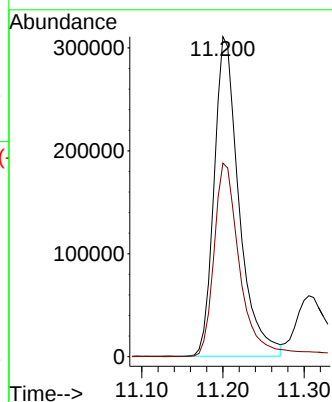
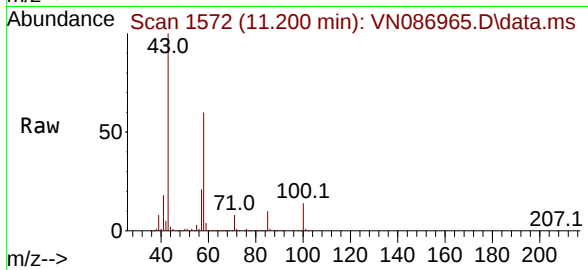




#59
2-Hexanone
Concen: 289.751 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

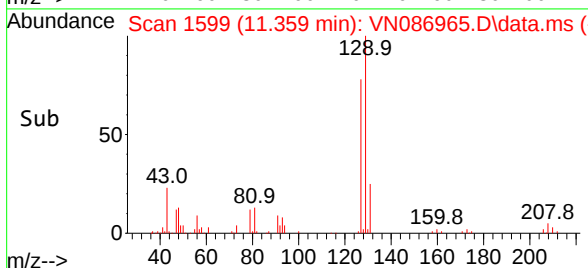
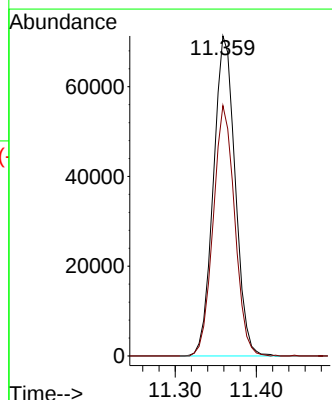
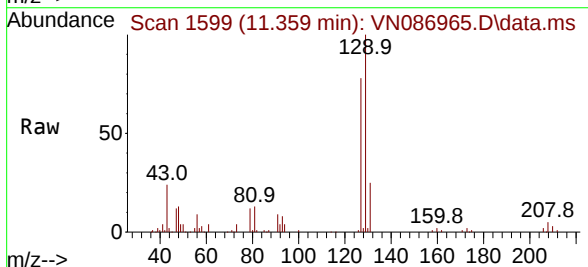
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 661460
Ion Ratio Lower Upper
43 100
58 65.1 30.4 91.3



#60
Dibromochloromethane
Concen: 57.580 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 129 Resp: 132918
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

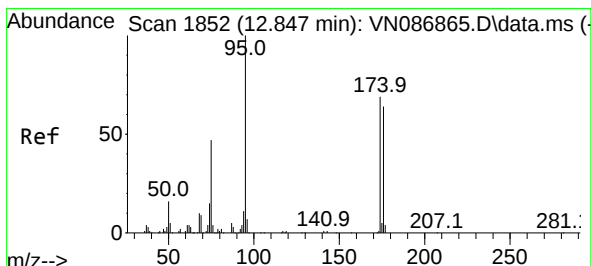
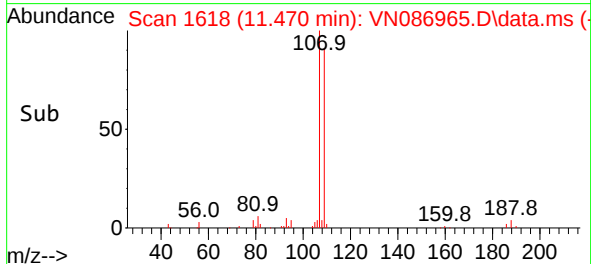
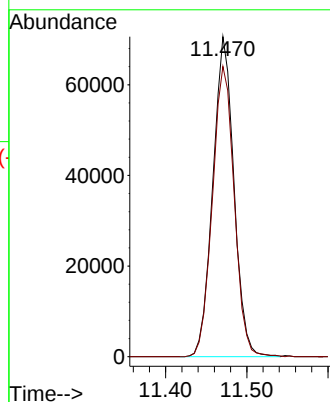
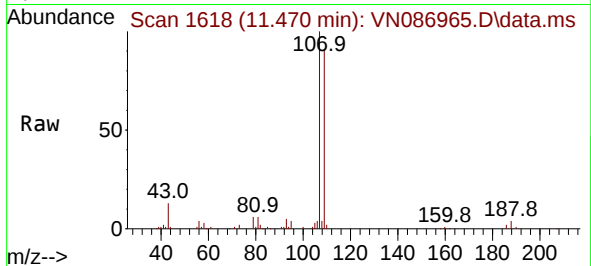




#61
1,2-Dibromoethane
Concen: 56.119 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

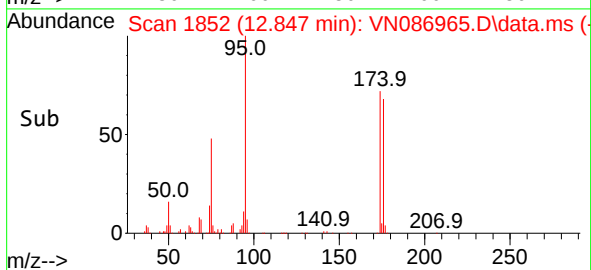
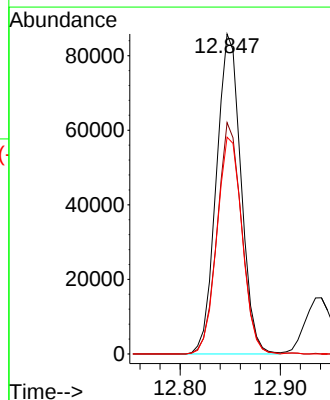
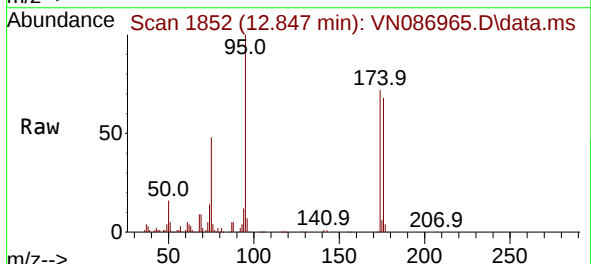
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

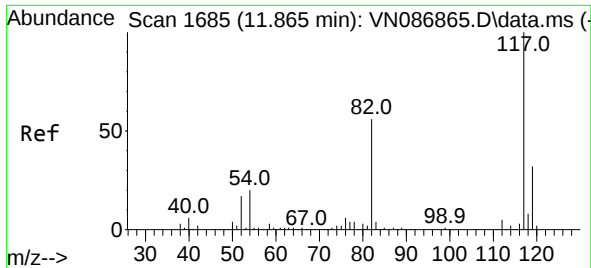
Tgt Ion:107 Resp: 127444
Ion Ratio Lower Upper
107 100
109 93.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 95 Resp: 146464
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 69.3 0.0 132.6

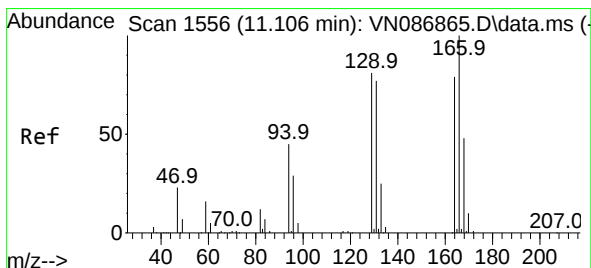
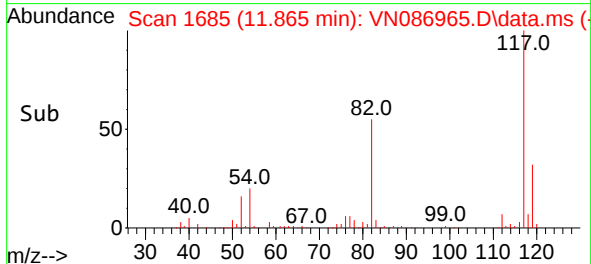
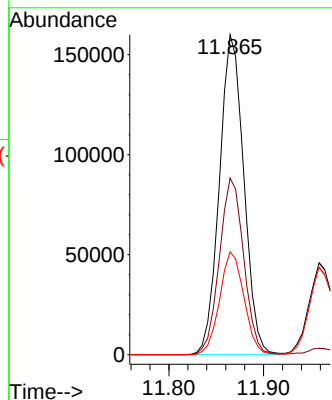
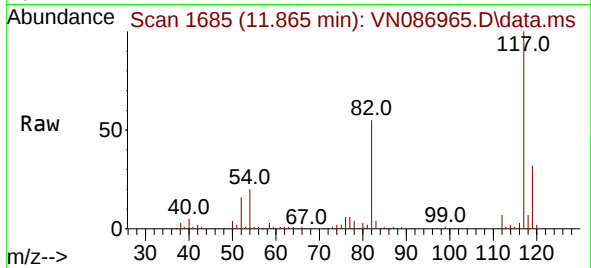




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

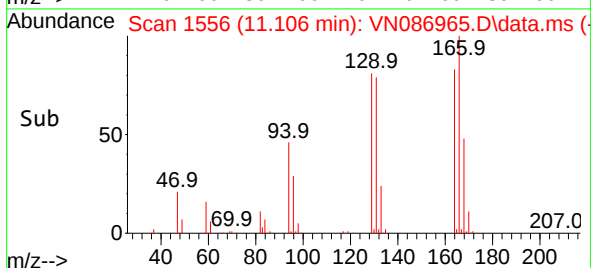
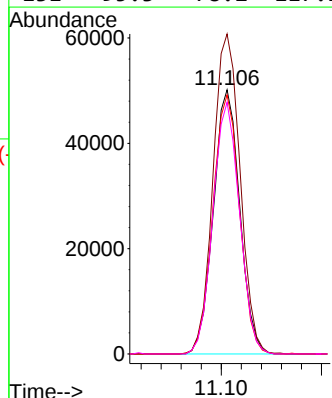
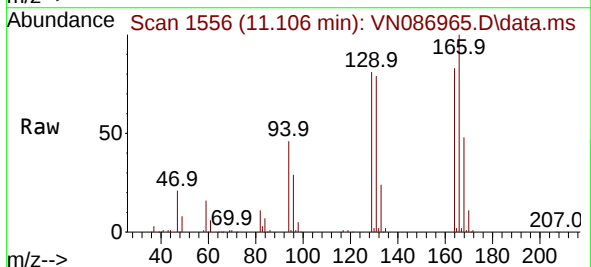
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

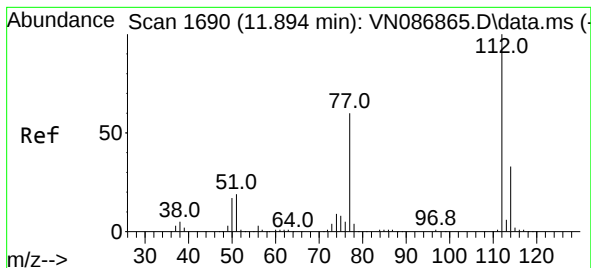
Tgt Ion:117 Resp: 286630
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 50.534 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:164 Resp: 91667
Ion Ratio Lower Upper
164 100
166 121.1 101.8 152.8
129 98.1 83.0 124.4
131 95.3 78.2 117.2

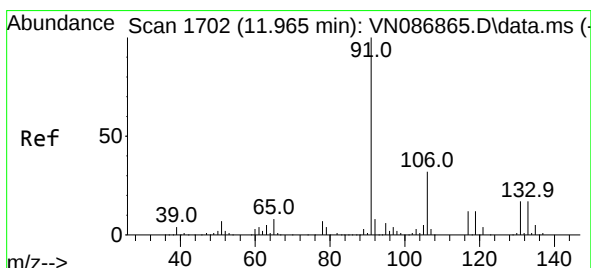
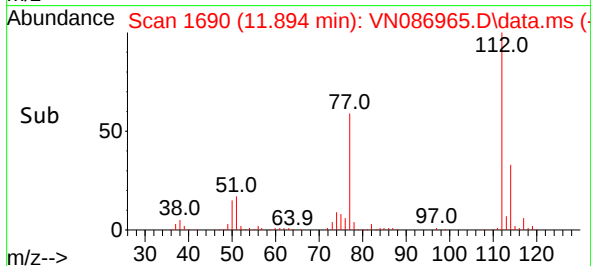
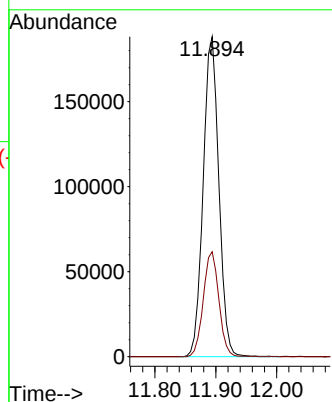
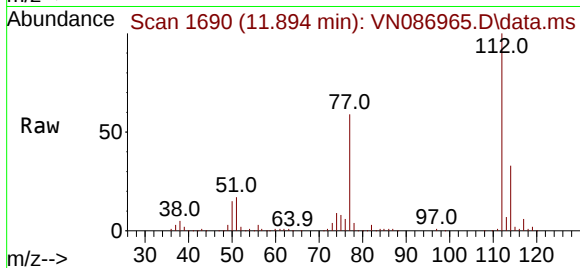




#65
Chlorobenzene
Concen: 53.206 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

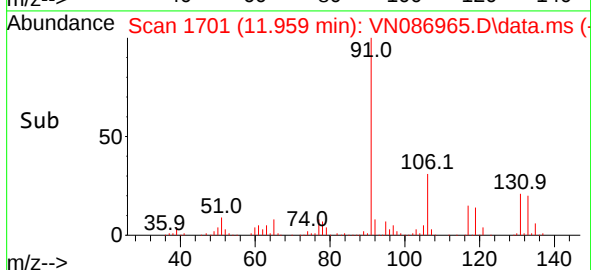
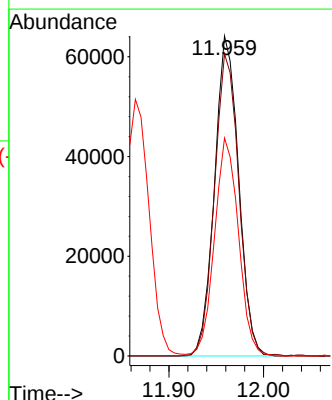
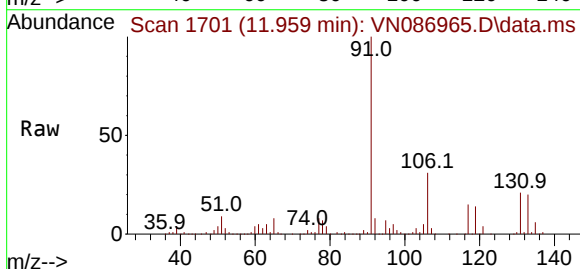
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

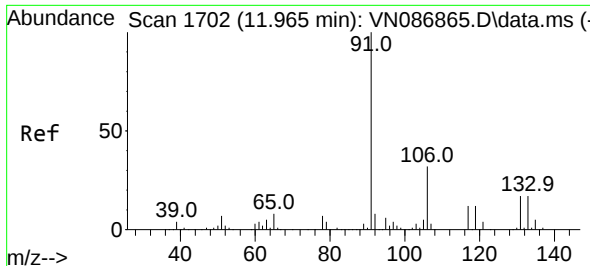
Tgt Ion:112 Resp: 336350
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.835 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:131 Resp: 113463
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 67.8 34.0 101.8





#67

Ethyl Benzene

Concen: 52.952 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

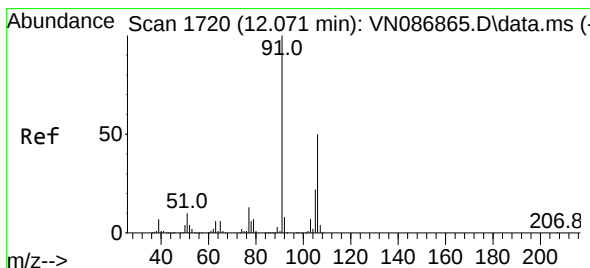
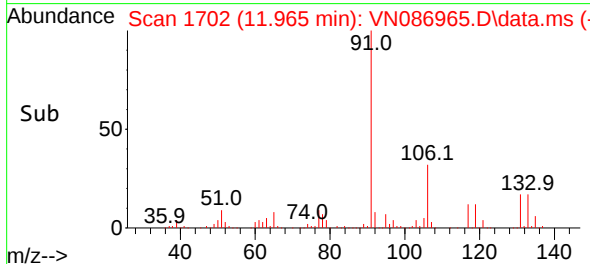
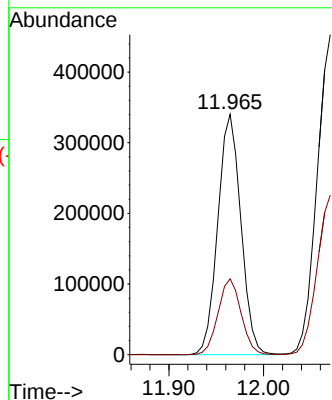
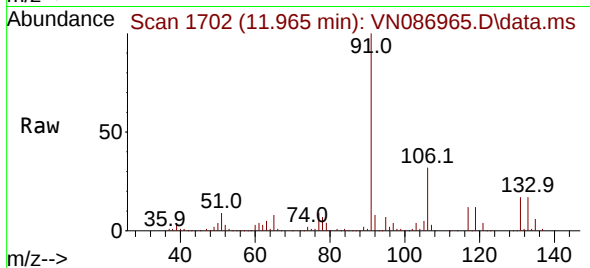
VSTDCCC050EC

Tgt Ion: 91 Resp: 576593

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 106.561 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN086965.D

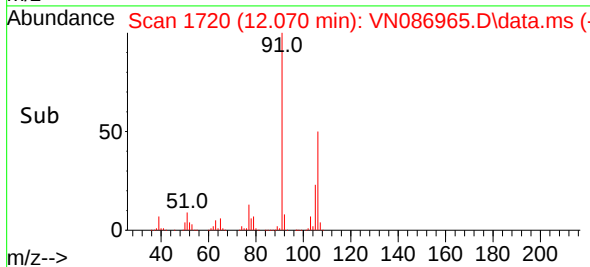
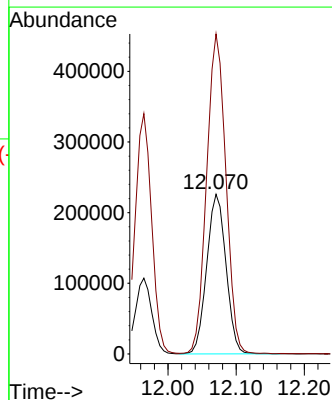
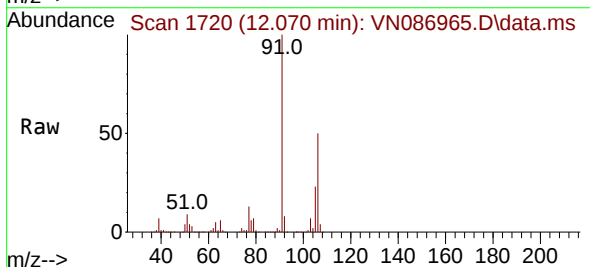
Acq: 11 Jun 2025 21:23

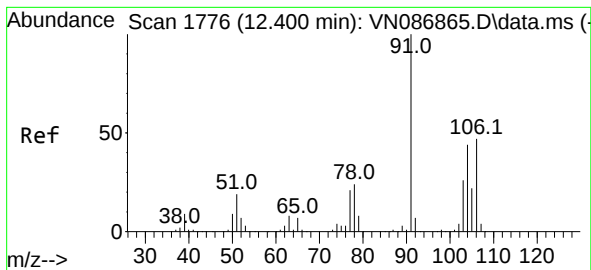
Tgt Ion:106 Resp: 444183

Ion Ratio Lower Upper

106 100

91 199.8 159.4 239.0





#69

o-Xylene

Concen: 54.963 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

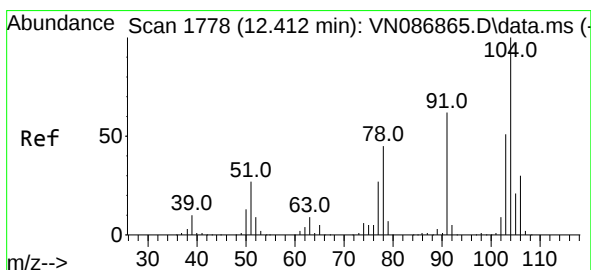
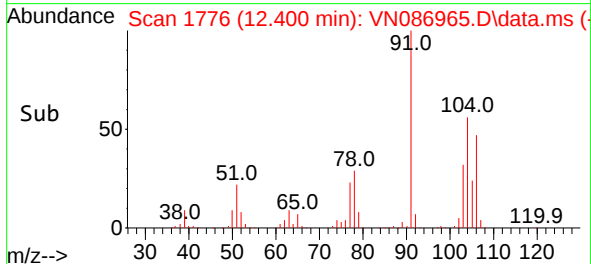
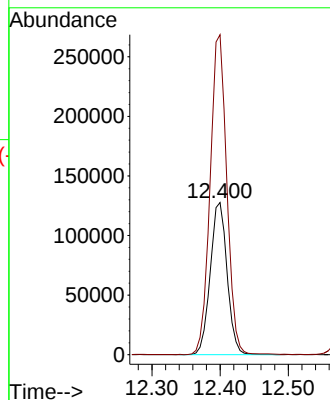
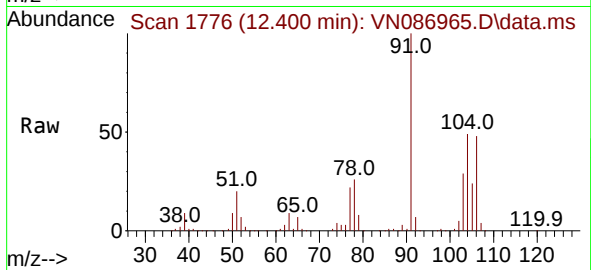
VSTDCCC050EC

Tgt Ion:106 Resp: 219424

Ion Ratio Lower Upper

106 100

91 208.2 106.1 318.1



#70

Styrene

Concen: 55.293 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

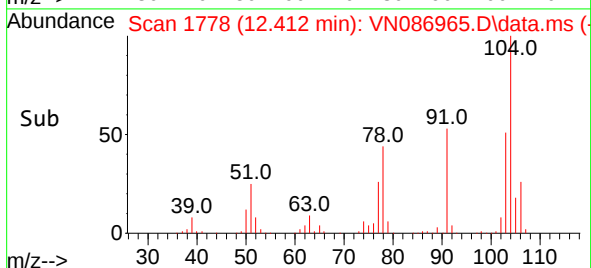
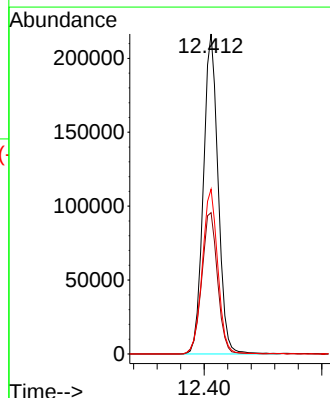
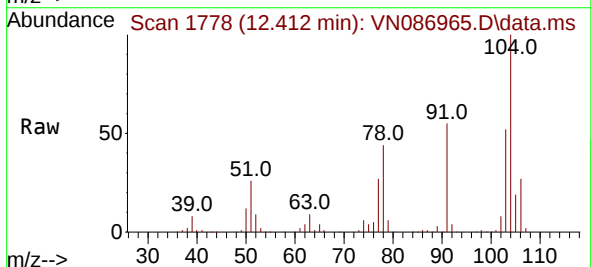
Tgt Ion:104 Resp: 377725

Ion Ratio Lower Upper

104 100

78 47.3 38.5 57.7

103 53.9 43.1 64.7





#71

Bromoform

Concen: 59.559 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

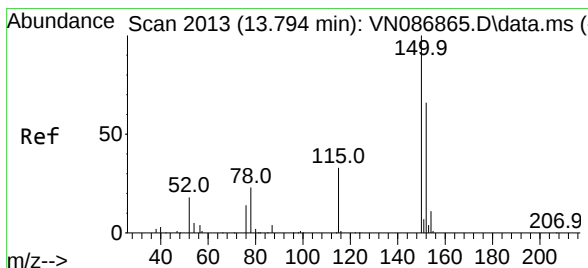
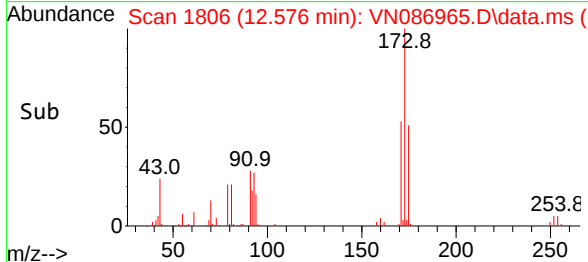
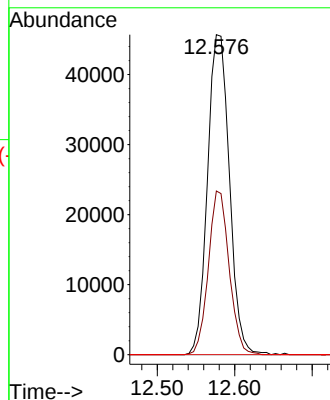
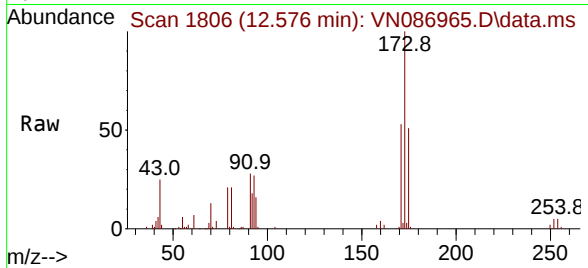
Tgt Ion:173 Resp: 89676

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

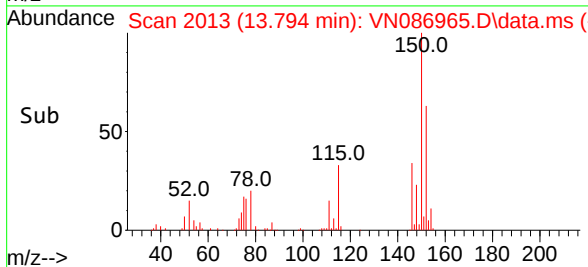
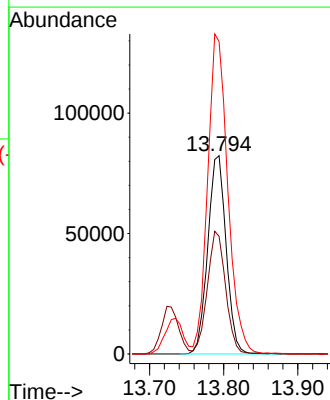
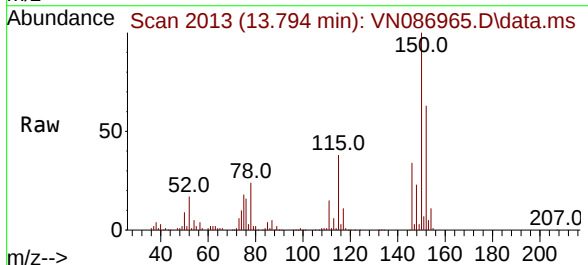
Tgt Ion:152 Resp: 142002

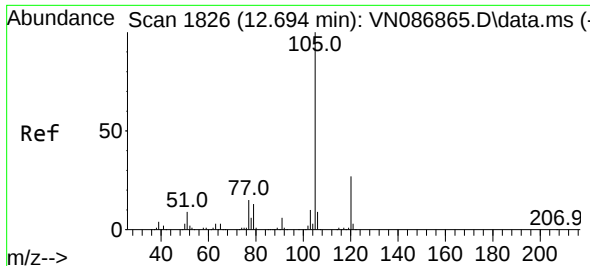
Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.5

150 176.0 0.0 345.0

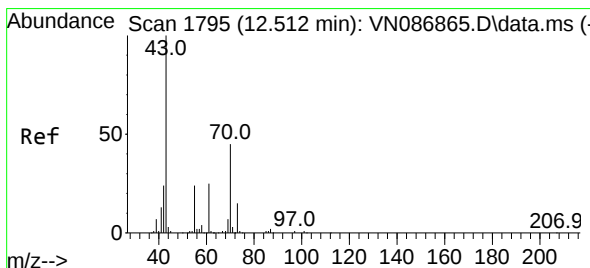
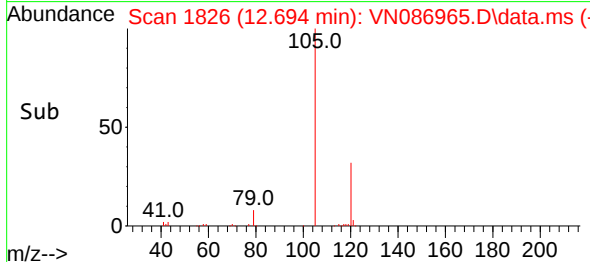
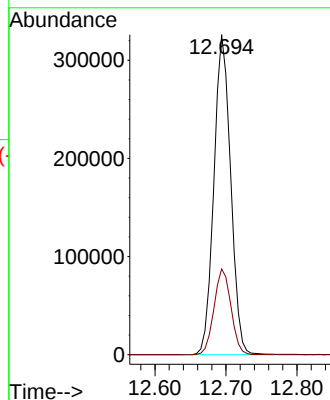
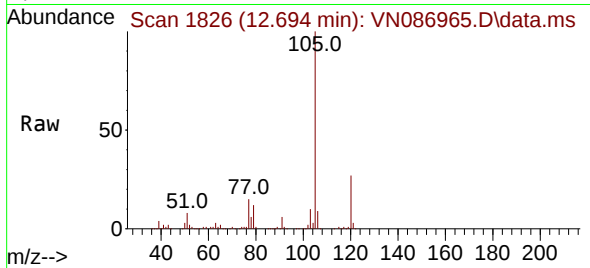




#73
Isopropylbenzene
Concen: 51.622 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

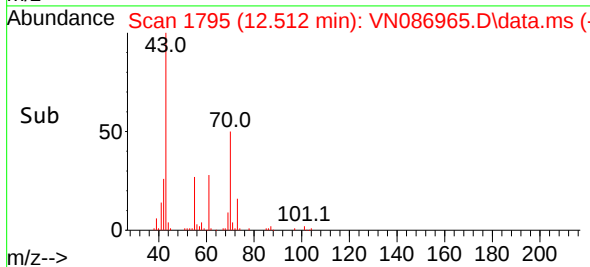
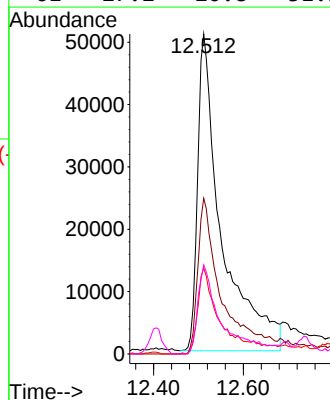
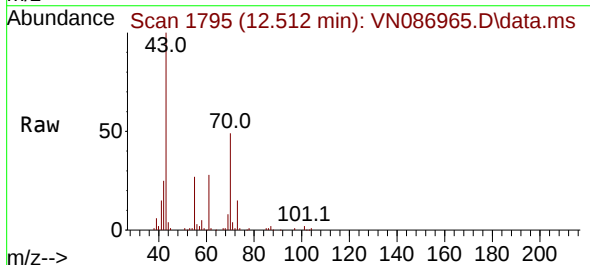
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

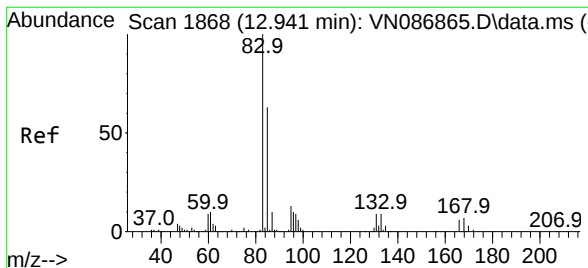
Tgt Ion:105 Resp: 534031
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 52.216 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 188759
Ion Ratio Lower Upper
43 100
70 49.1 37.6 56.4
55 26.3 19.0 28.6
61 27.2 20.8 31.2

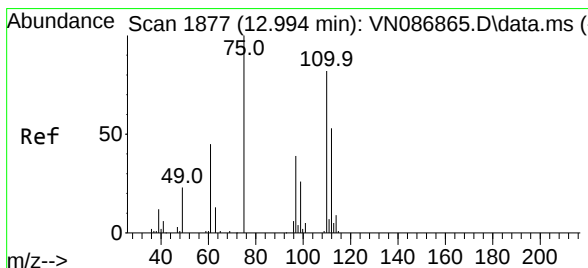
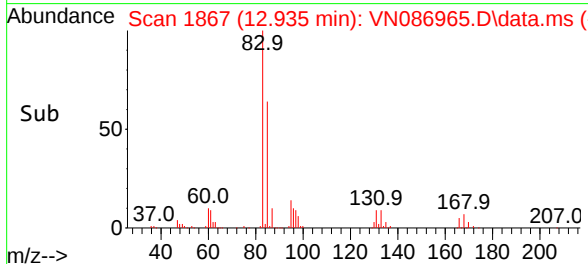
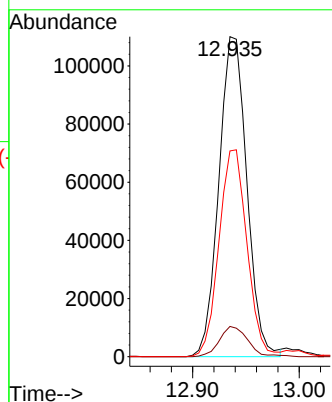
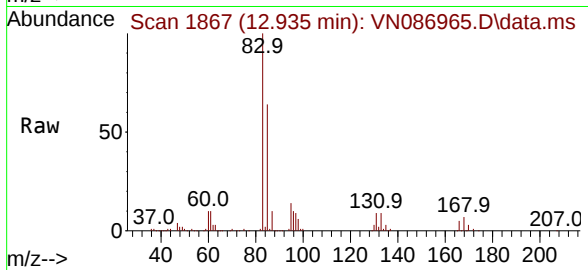




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.301 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

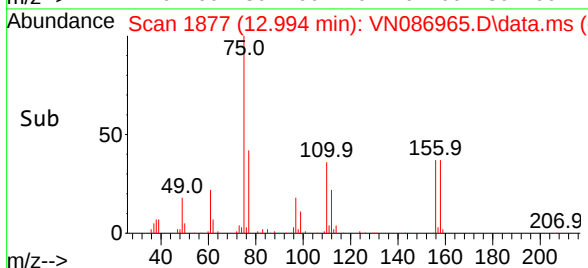
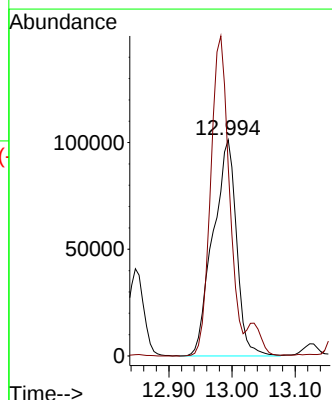
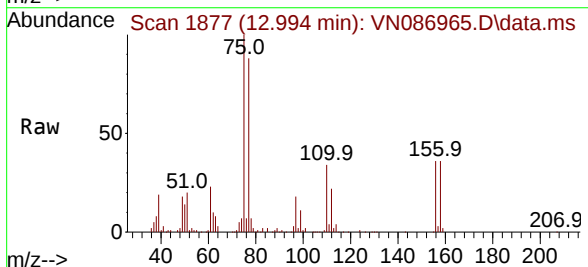
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

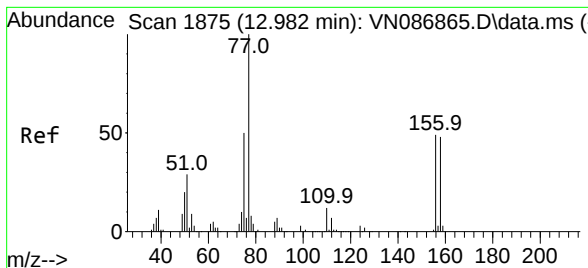
Tgt Ion: 83 Resp: 200820
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.9 14.7
 85 64.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 77.632 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 262042
 Ion Ratio Lower Upper
 75 100
 77 116.7 79.3 237.9





#77

Bromobenzene

Concen: 55.583 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

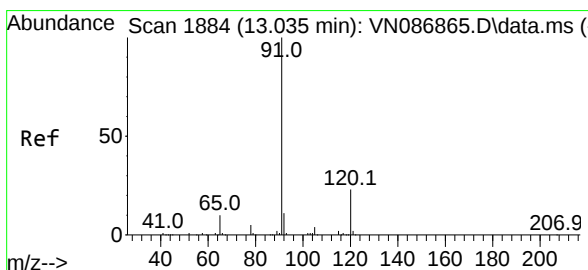
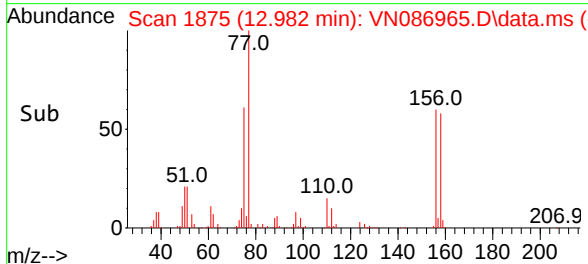
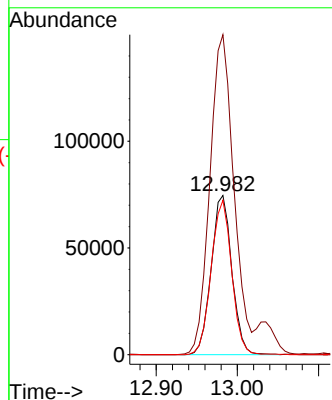
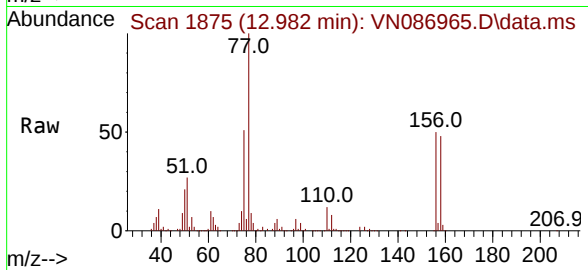
Tgt Ion:156 Resp: 131869

Ion Ratio Lower Upper

156 100

77 232.0 117.7 353.1

158 96.4 48.1 144.4



#78

n-propylbenzene

Concen: 51.178 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086965.D

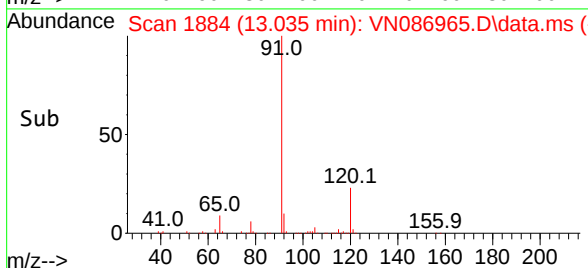
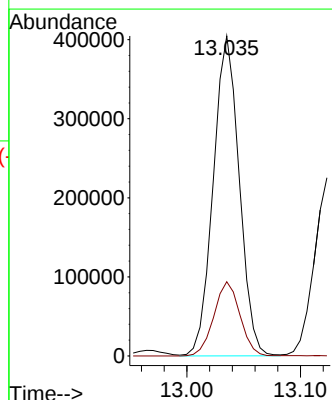
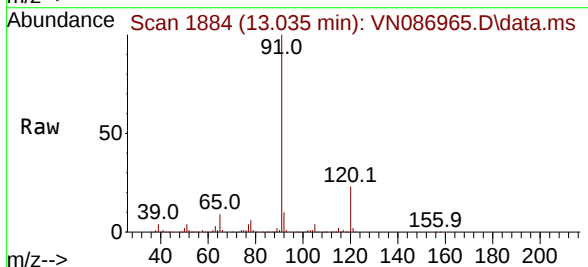
Acq: 11 Jun 2025 21:23

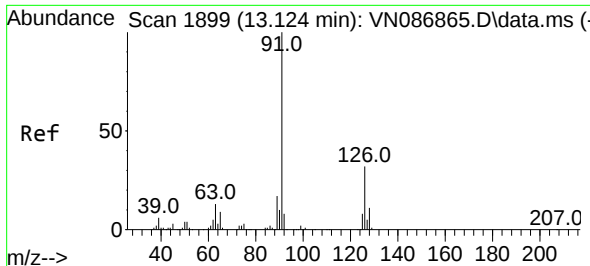
Tgt Ion: 91 Resp: 643398

Ion Ratio Lower Upper

91 100

120 23.2 11.4 34.2

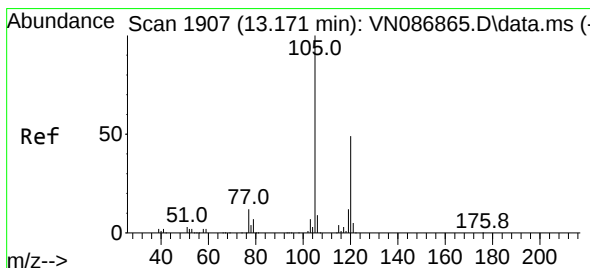
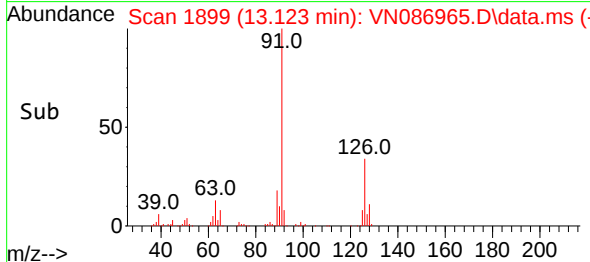
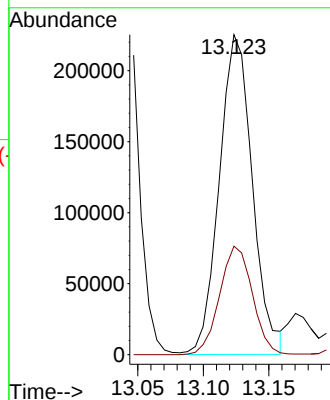
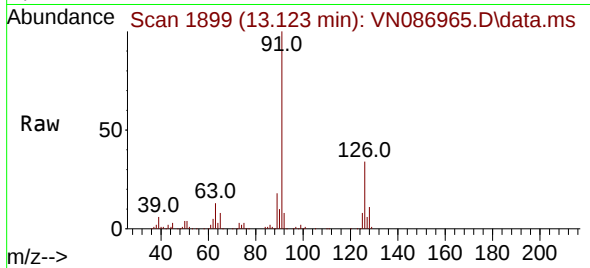




#79
2-Chlorotoluene
Concen: 52.371 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

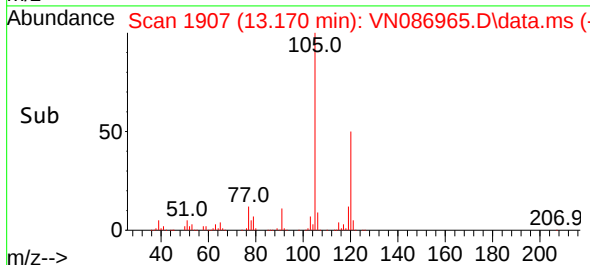
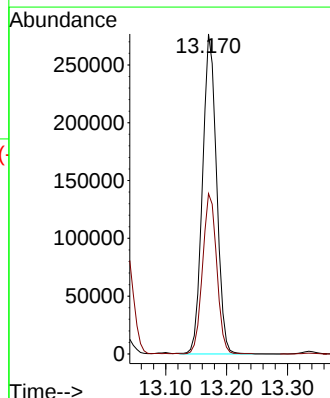
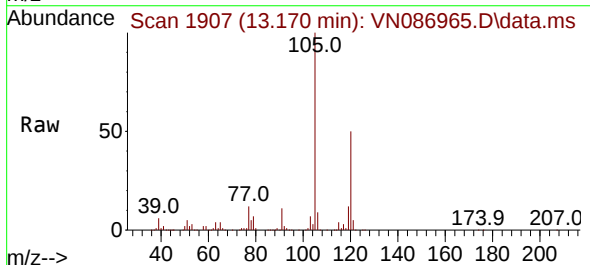
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

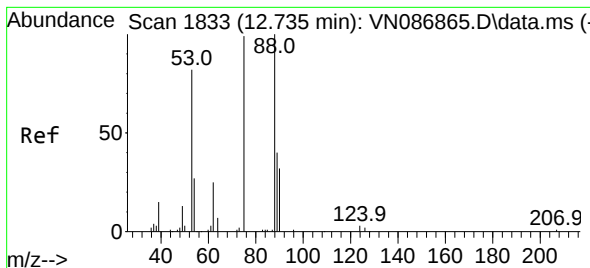
Tgt Ion: 91 Resp: 394854
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 51.914 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 105 Resp: 443398
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6

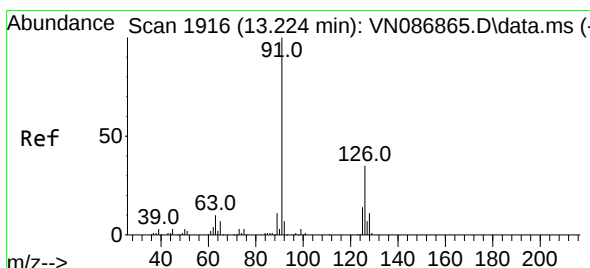
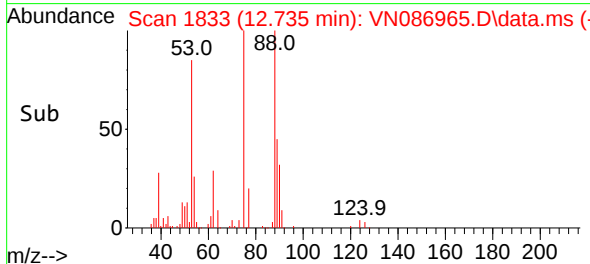
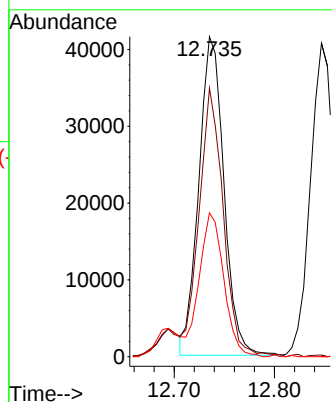
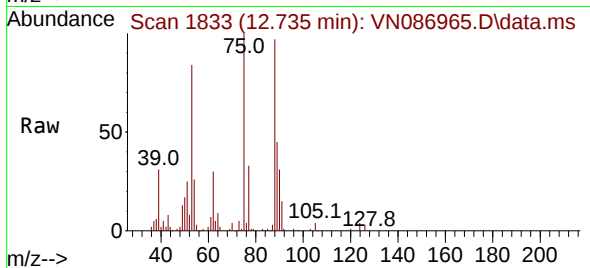




#81
trans-1,4-Dichloro-2-butene
Concen: 49.328 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

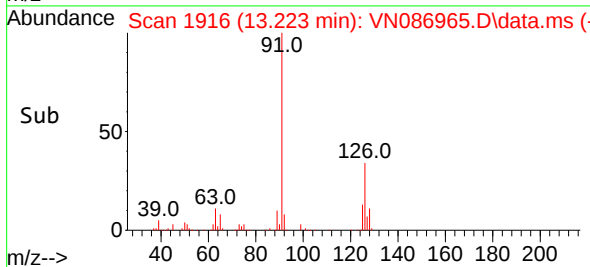
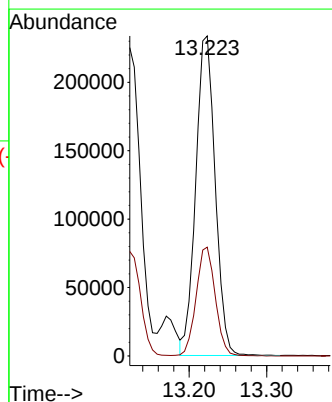
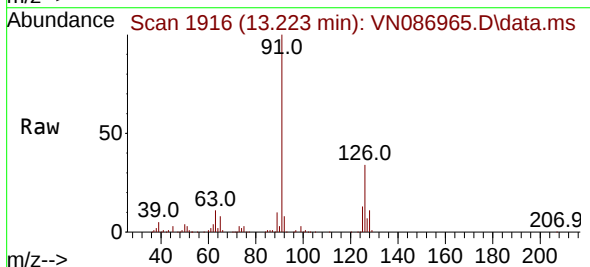
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

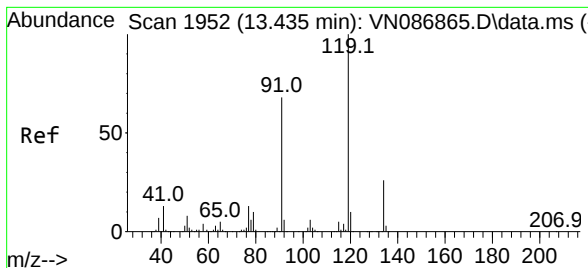
Tgt Ion: 75 Resp: 72331
Ion Ratio Lower Upper
75 100
53 81.4 66.6 99.8
89 43.7 36.7 55.1



#82
4-Chlorotoluene
Concen: 53.310 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 406685
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1

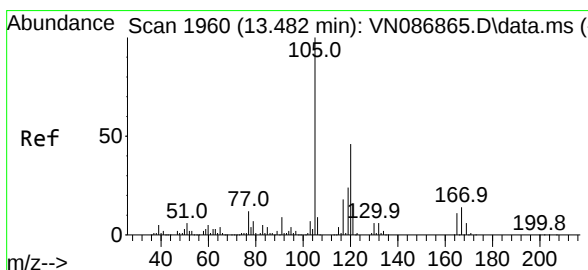
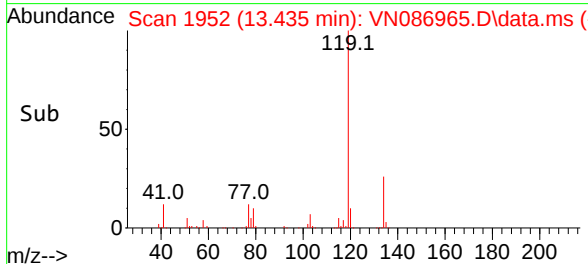
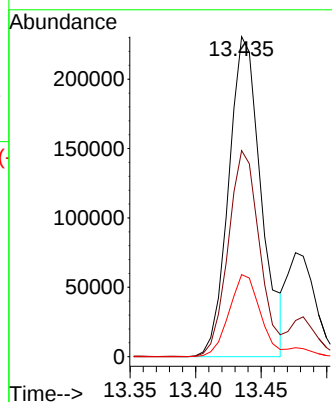
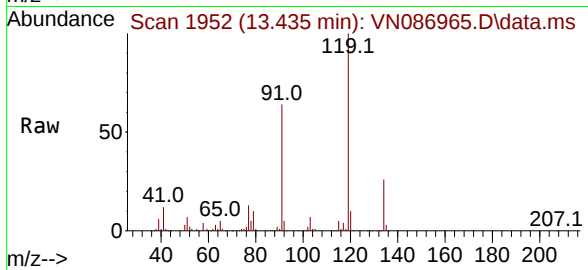




#83
 tert-Butylbenzene
 Concen: 50.730 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

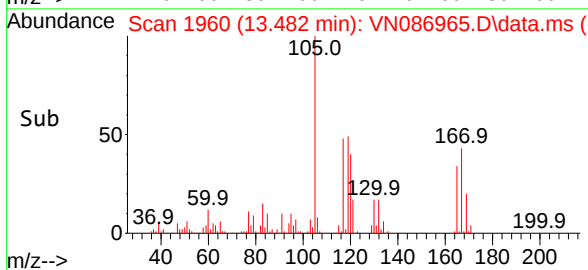
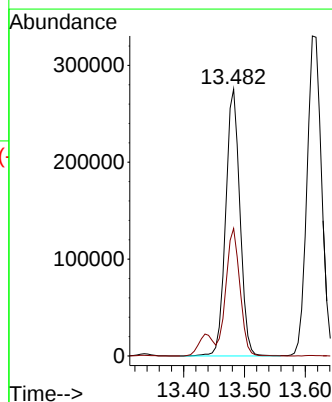
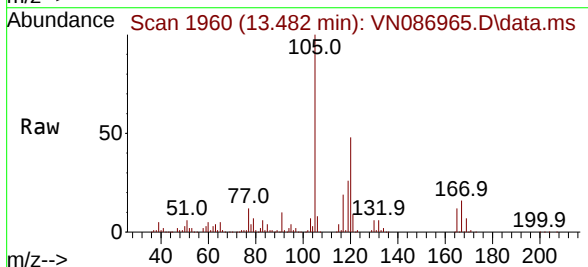
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

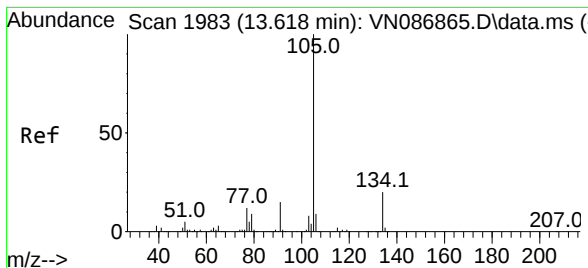
Tgt Ion:119 Resp: 396615
 Ion Ratio Lower Upper
 119 100
 91 62.4 32.1 96.5
 134 25.1 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.251 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 447506
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.432 ug/l

RT: 13.611 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

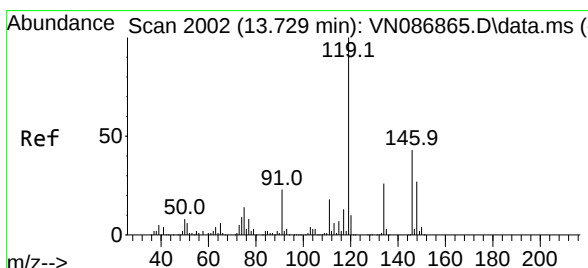
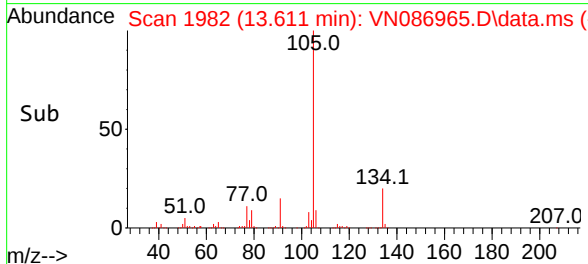
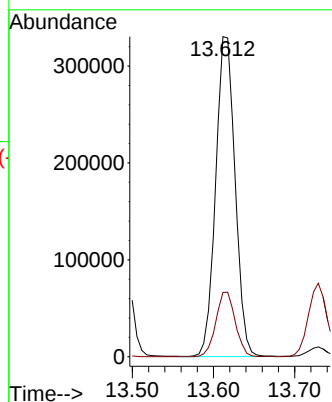
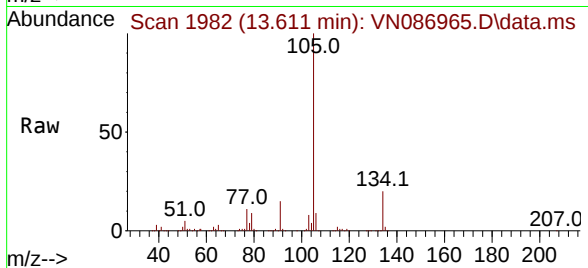
VSTDCCC050EC

Tgt Ion:105 Resp: 549887

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 48.982 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

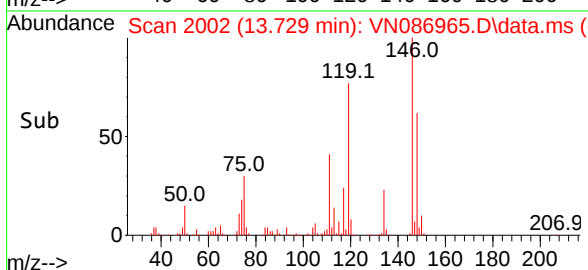
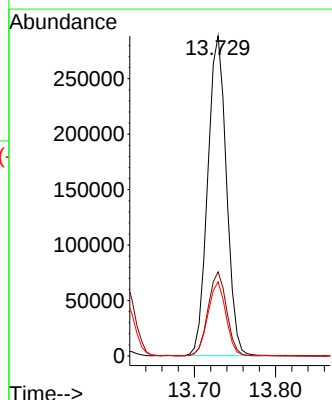
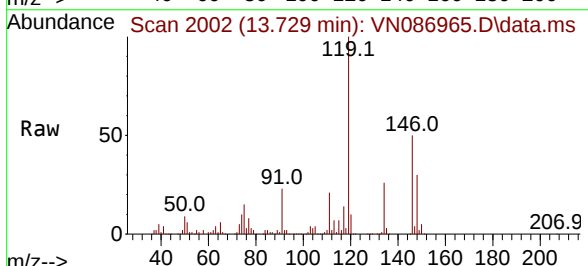
Tgt Ion:119 Resp: 459716

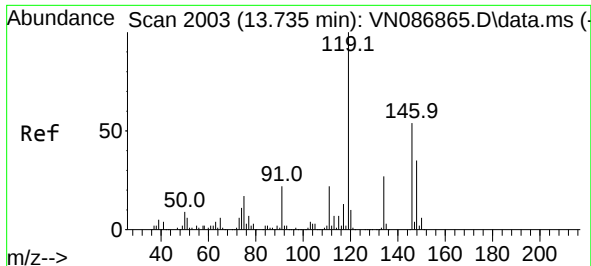
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 22.3 11.5 34.4

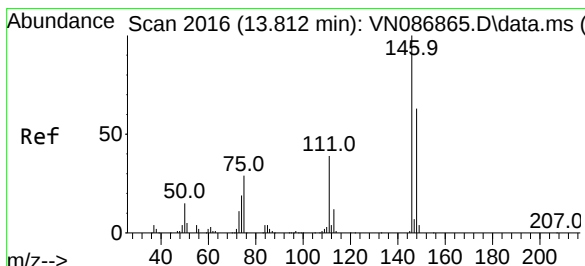
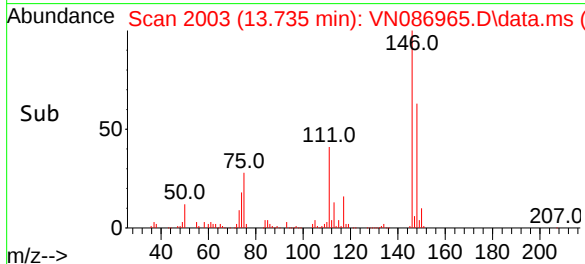
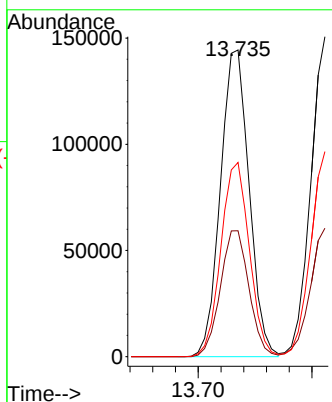
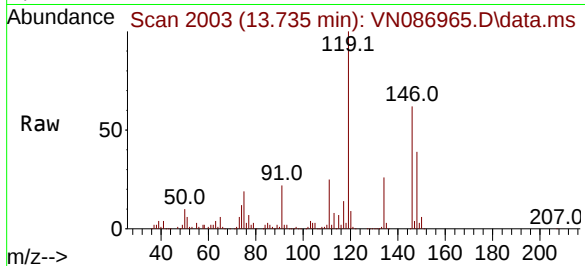




#87
 1,3-Dichlorobenzene
 Concen: 54.264 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

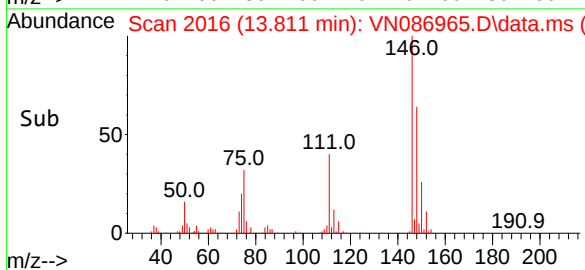
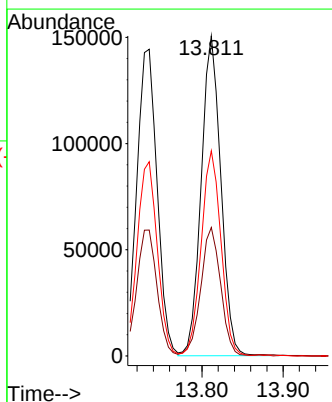
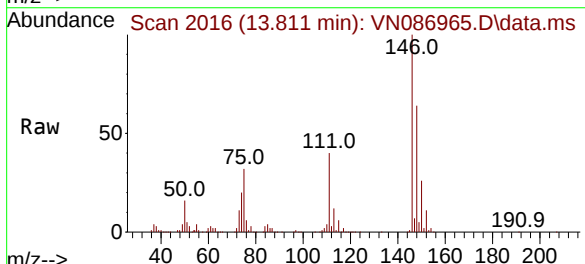
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

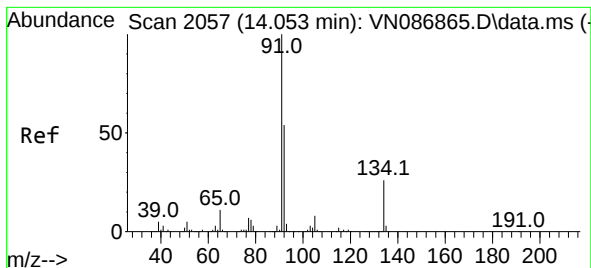
Tgt Ion:146 Resp: 253292
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.8
 148 62.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 53.138 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Tgt Ion:146 Resp: 252880
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 46.509 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

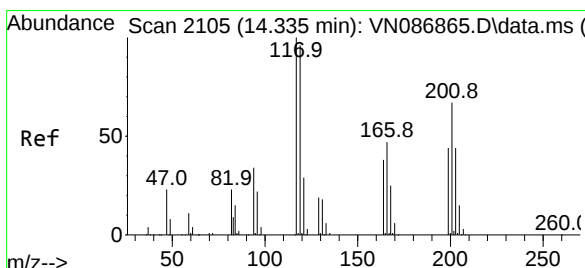
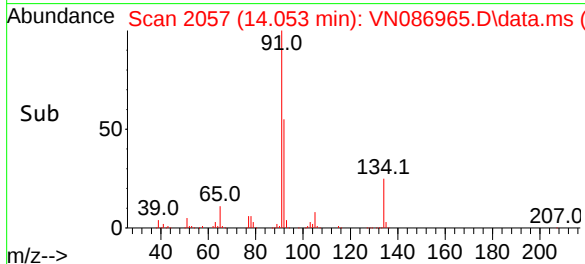
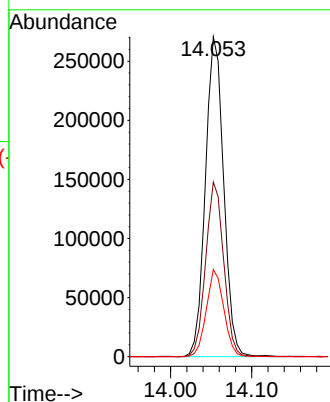
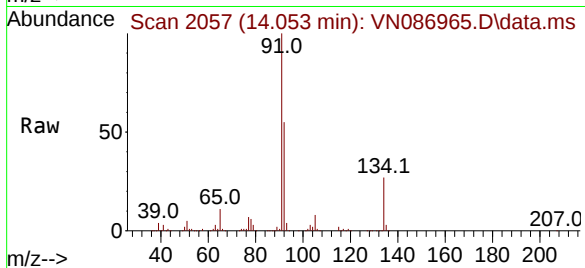
Tgt Ion: 91 Resp: 422802

Ion Ratio Lower Upper

91 100

92 53.9 27.5 82.4

134 26.1 13.0 39.0



#90

Hexachloroethane

Concen: 52.642 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086965.D

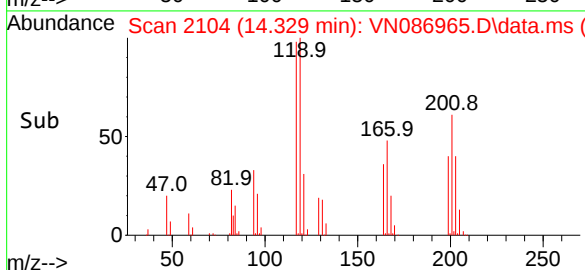
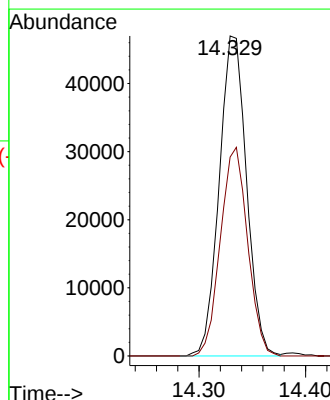
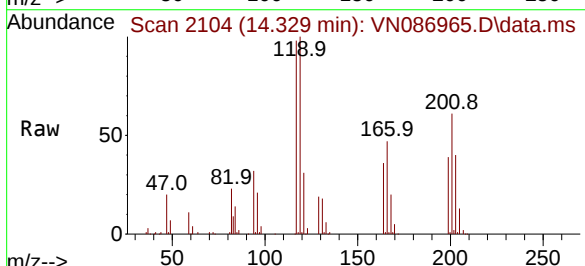
Acq: 11 Jun 2025 21:23

Tgt Ion: 117 Resp: 83746

Ion Ratio Lower Upper

117 100

201 64.9 33.2 99.6

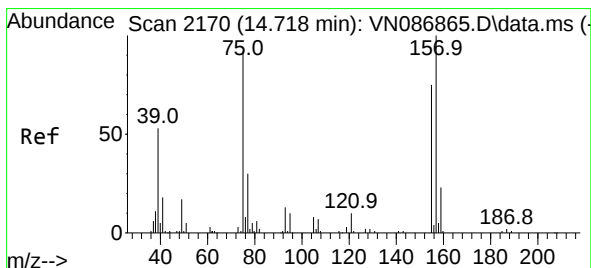
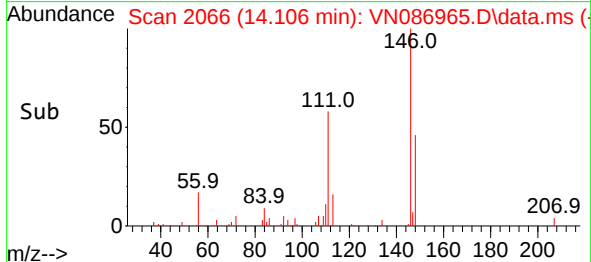
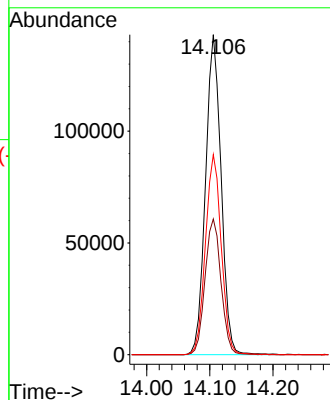
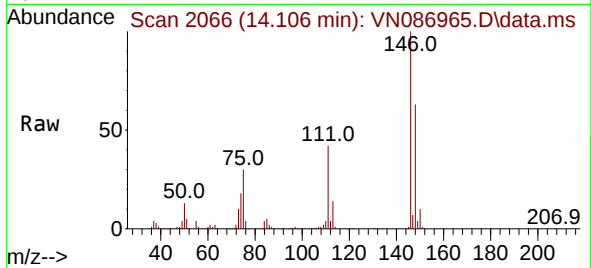




#91
1,2-Dichlorobenzene
Concen: 54.507 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

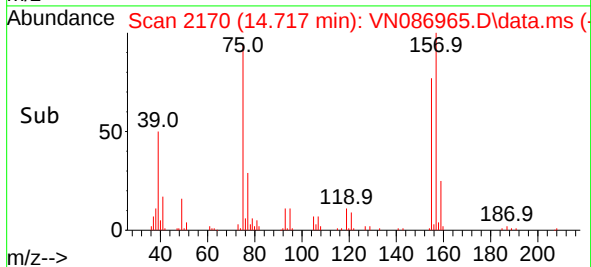
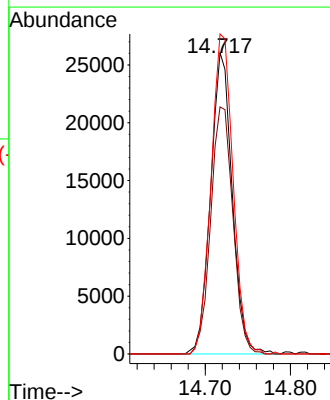
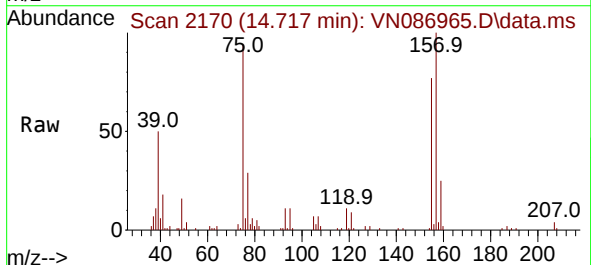
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

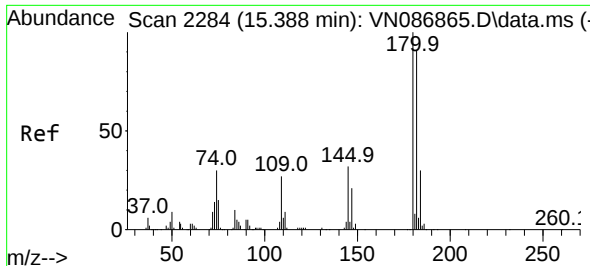
Tgt Ion:146 Resp: 244439
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.724 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 45867
Ion Ratio Lower Upper
75 100
155 84.4 41.1 123.4
157 108.4 52.7 158.1

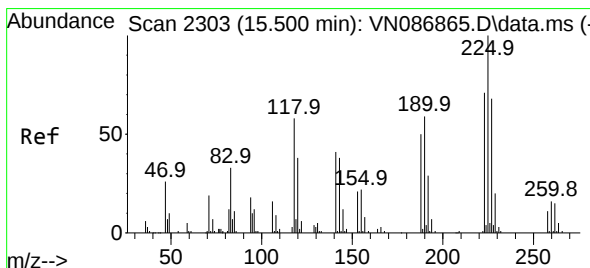
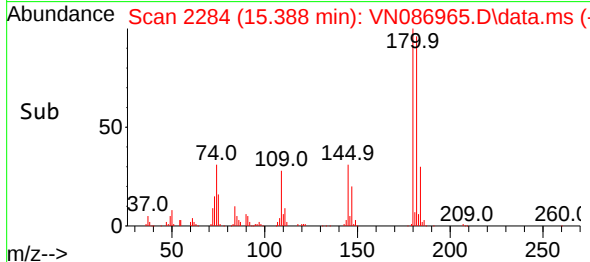
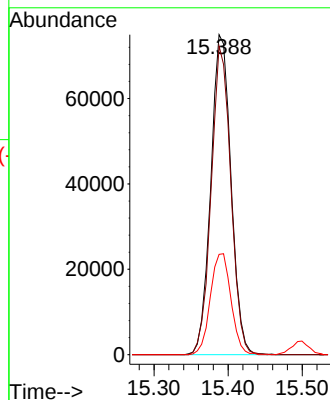
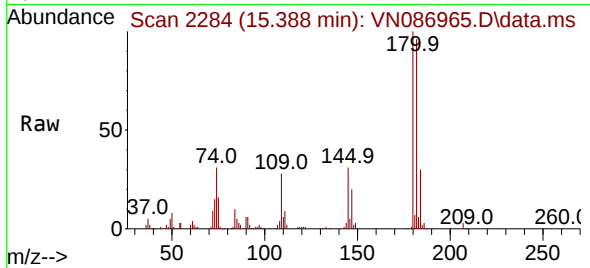




#93
1,2,4-Trichlorobenzene
Concen: 49.501 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

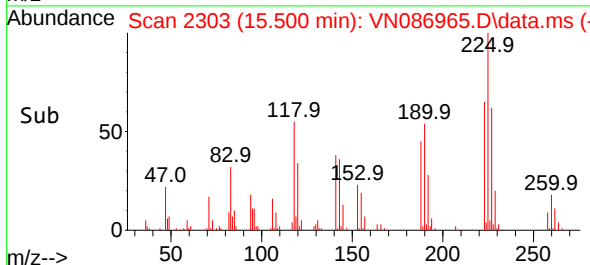
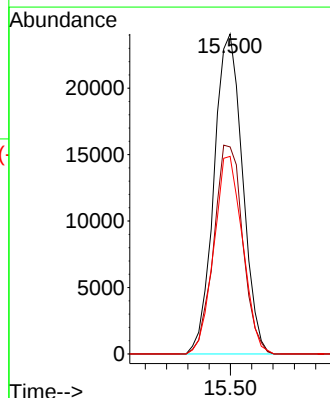
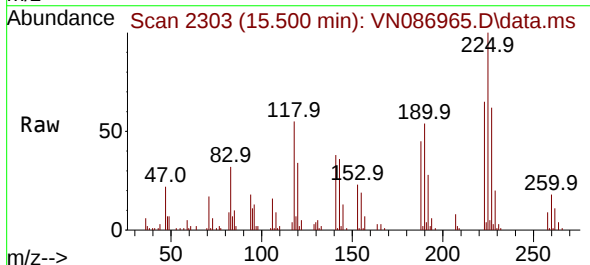
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

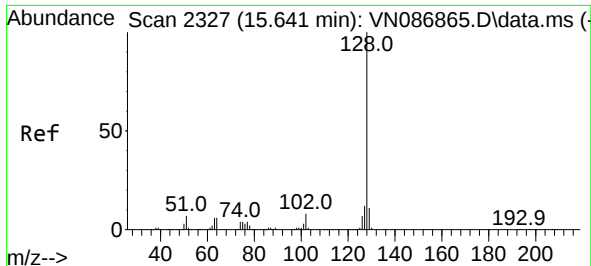
Tgt Ion:180 Resp: 141753
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.7
145 32.3 16.0 47.9



#94
Hexachlorobutadiene
Concen: 41.918 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:225 Resp: 44722
Ion Ratio Lower Upper
225 100
223 66.3 33.5 100.4
227 62.3 31.1 93.5

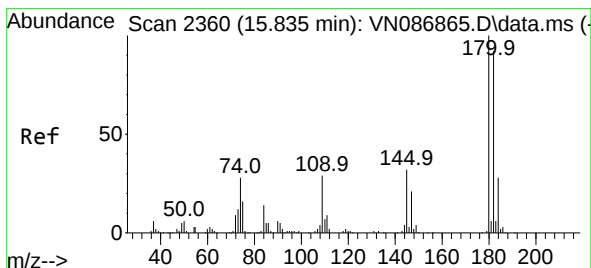
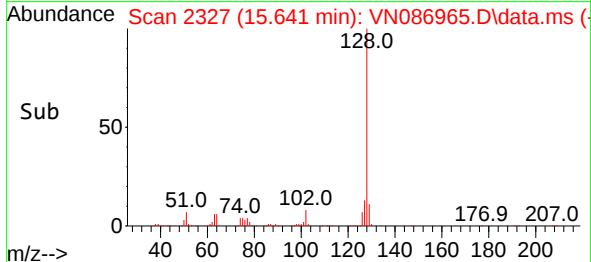
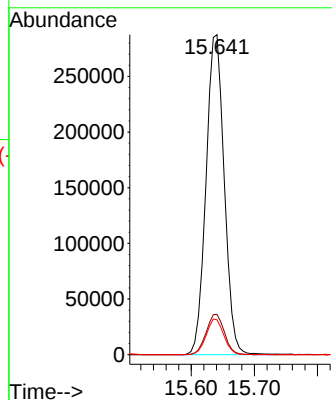
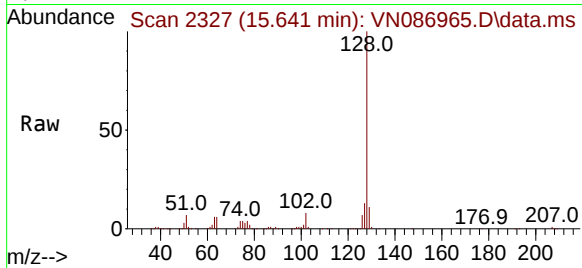




#95
Naphthalene
Concen: 54.049 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 576105
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.742 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:180 Resp: 138678
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 33.4 16.6 49.8

