

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086213.D
 Acq On : 02 Apr 2025 17:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 01:37:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	192874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78224	45.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.820%
35) Dibromofluoromethane	8.165	113	57251	42.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.060%
50) Toluene-d8	10.565	98	212522	43.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.000%
62) 4-Bromofluorobenzene	12.847	95	85401	49.012	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81272	49.302	ug/l	99
3) Chloromethane	2.365	50	59899	41.448	ug/l	98
4) Vinyl Chloride	2.518	62	67750	45.850	ug/l	98
5) Bromomethane	2.959	94	36111	35.877	ug/l	100
6) Chloroethane	3.124	64	42645	45.748	ug/l	90
7) Trichlorofluoromethane	3.500	101	131204	49.395	ug/l	97
8) Diethyl Ether	3.959	74	34882	42.897	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	63800	45.193	ug/l	99
10) Methyl Iodide	4.589	142	79510	43.224	ug/l	89
11) Tert butyl alcohol	5.506	59	49367	204.645	ug/l	99
12) 1,1-Dichloroethene	4.342	96	60839	47.726	ug/l	99
13) Acrolein	4.177	56	45812	178.054	ug/l	100
14) Allyl chloride	5.024	41	63892	40.176	ug/l #	85
15) Acrylonitrile	5.712	53	121404	190.560	ug/l	97
16) Acetone	4.424	43	99757	191.643	ug/l	94
17) Carbon Disulfide	4.712	76	162533	38.770	ug/l	99
18) Methyl Acetate	5.018	43	60980	47.349	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	212354	50.836	ug/l	95
20) Methylene Chloride	5.277	84	64767	42.532	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	63588	45.645	ug/l	91
22) Diisopropyl ether	6.665	45	142773	42.129	ug/l #	92
23) Vinyl Acetate	6.600	43	538918	209.774	ug/l	96
24) 1,1-Dichloroethane	6.565	63	107567	43.164	ug/l	97
25) 2-Butanone	7.483	43	138722	184.691	ug/l	95
26) 2,2-Dichloropropane	7.483	77	119797	49.931	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	74863	47.289	ug/l	97
28) Bromochloromethane	7.806	49	41042	38.872	ug/l	86
29) Tetrahydrofuran	7.835	42	90143	194.398	ug/l	91
30) Chloroform	7.965	83	132053	47.940	ug/l	98
31) Cyclohexane	8.253	56	86690	40.834	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	134993	51.772	ug/l	99
36) 1,1-Dichloropropene	8.365	75	86041	48.538	ug/l	98
37) Ethyl Acetate	7.553	43	57079	38.167	ug/l	98
38) Carbon Tetrachloride	8.359	117	124436	53.389	ug/l	97
39) Methylcyclohexane	9.600	83	90315	51.353	ug/l	97
40) Benzene	8.606	78	262572	47.184	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31624	44.285	ug/l	95
42) 1,2-Dichloroethane	8.665	62	102064	52.637	ug/l	98
43) Isopropyl Acetate	8.682	43	115280	35.573	ug/l	96
44) Trichloroethene	9.347	130	71360	49.478	ug/l	97
45) 1,2-Dichloropropane	9.618	63	56179	44.386	ug/l	99
46) Dibromomethane	9.706	93	49404	49.634	ug/l	97
47) Bromodichloromethane	9.882	83	104783	50.369	ug/l	98
48) Methyl methacrylate	9.677	41	49695	46.471	ug/l	90
49) 1,4-Dioxane	9.688	88	24012	949.854	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	314750	220.228	ug/l	100
52) Toluene	10.629	92	177725	52.036	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	105784	52.360	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	106996	50.196	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	62546	47.980	ug/l	94
56) Ethyl methacrylate	10.871	69	97788	48.402	ug/l	96
57) 1,3-Dichloropropane	11.159	76	104753	47.312	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.153	63	210625	266.849	ug/l	94
59) 2-Hexanone	11.188	43	233599	224.364	ug/l	100
60) Dibromochloromethane	11.353	129	84411	50.181	ug/l	97
61) 1,2-Dibromoethane	11.465	107	65258	48.763	ug/l	96
64) Tetrachloroethene	11.100	164	77371	53.898	ug/l	98
65) Chlorobenzene	11.888	112	193335	46.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	76258	49.818	ug/l	98
67) Ethyl Benzene	11.959	91	344959	52.370	ug/l	99
68) m/p-Xylenes	12.065	106	273198	105.524	ug/l	96
69) o-Xylene	12.394	106	132228	55.647	ug/l	99
70) Styrene	12.406	104	223326	55.025	ug/l	98
71) Bromoform	12.576	173	61068	47.723	ug/l #	100
73) Isopropylbenzene	12.694	105	335291	50.519	ug/l	98
74) N-amyl acetate	12.488	43	95116	42.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	83431	37.157	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	125231	57.554	ug/l	76
77) Bromobenzene	12.976	156	86356	46.663	ug/l	94
78) n-propylbenzene	13.029	91	377038	50.169	ug/l	99
79) 2-Chlorotoluene	13.123	91	245254	49.131	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	300848	53.689	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	33709	40.958	ug/l	90
82) 4-Chlorotoluene	13.217	91	251922	49.075	ug/l	98
83) tert-Butylbenzene	13.435	119	246223	51.377	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	305043	53.973	ug/l	98
85) sec-Butylbenzene	13.612	105	328018	52.467	ug/l	99
86) p-Isopropyltoluene	13.723	119	293941	55.541	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	160337	48.065	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	160564	45.813	ug/l	99
89) n-Butylbenzene	14.053	91	229753	53.311	ug/l	98
90) Hexachloroethane	14.329	117	47413	38.826	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	157297	47.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21542	48.062	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	86800	52.057	ug/l	99
94) Hexachlorobutadiene	15.494	225	45455	46.988	ug/l	97
95) Naphthalene	15.635	128	265455	54.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	82241	51.980	ug/l	99

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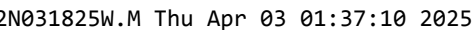
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

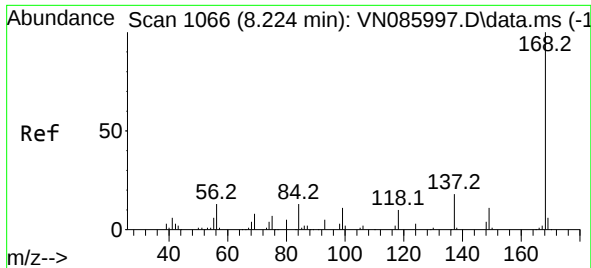
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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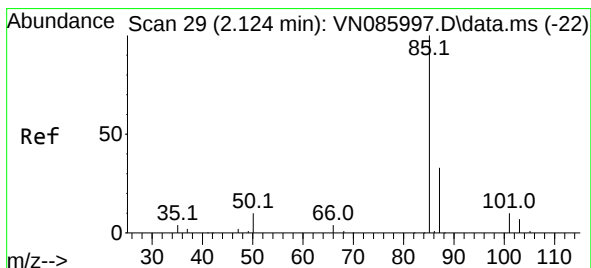
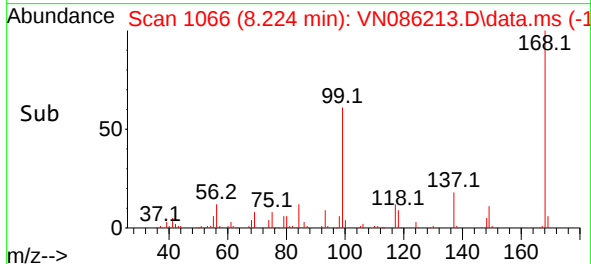
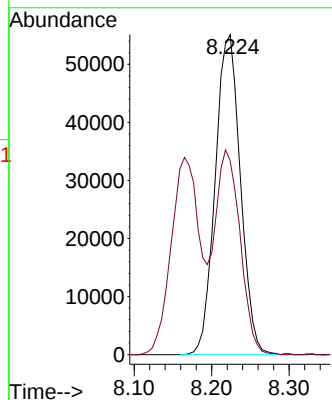
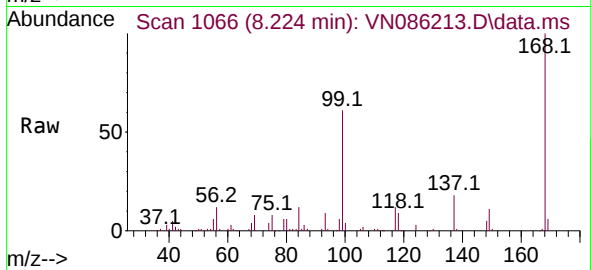




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086213.D
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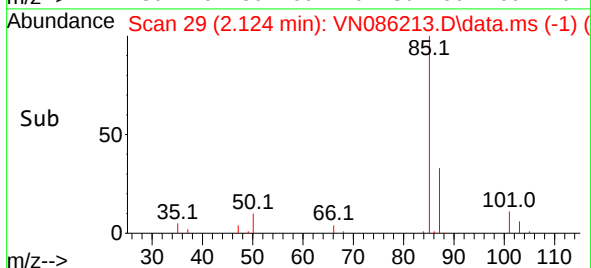
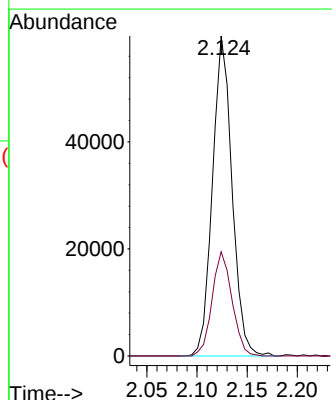
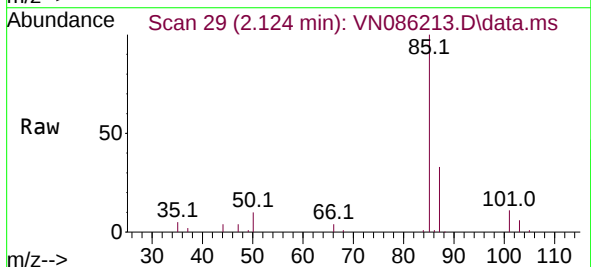
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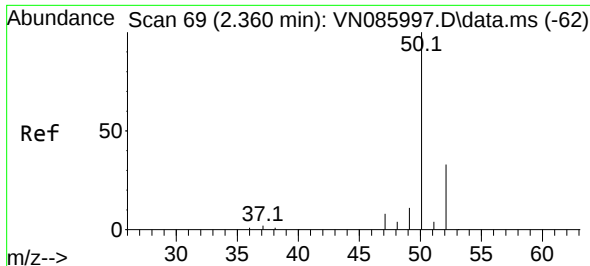
Tgt Ion:168 Resp: 124427
Ion Ratio Lower Upper
168 100
99 60.7 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 49.302 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 85 Resp: 81272
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5

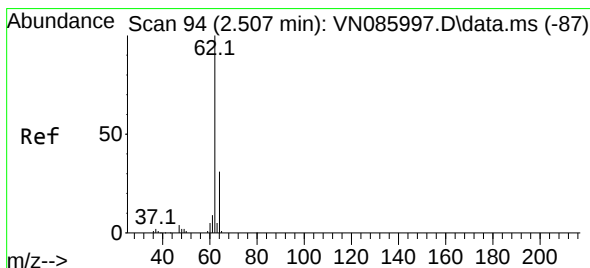
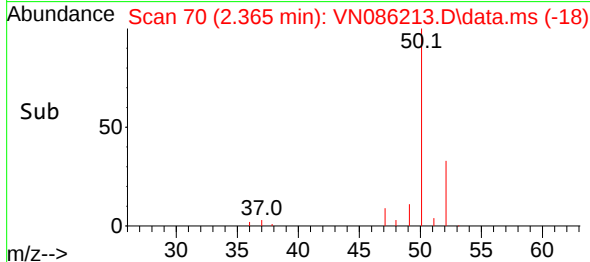
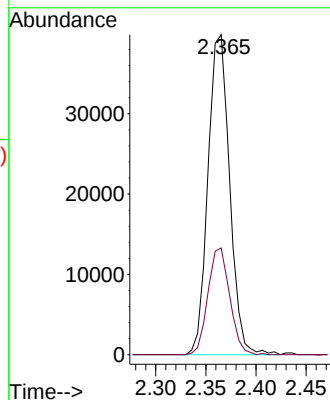
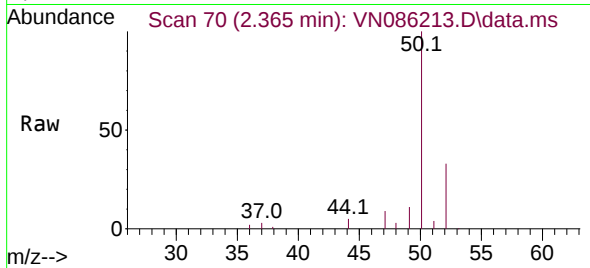




#3
Chloromethane
Concen: 41.448 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

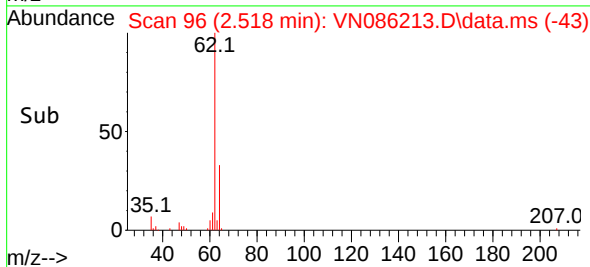
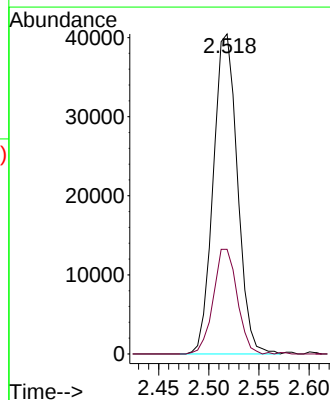
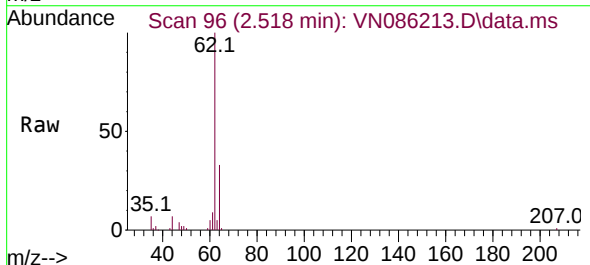
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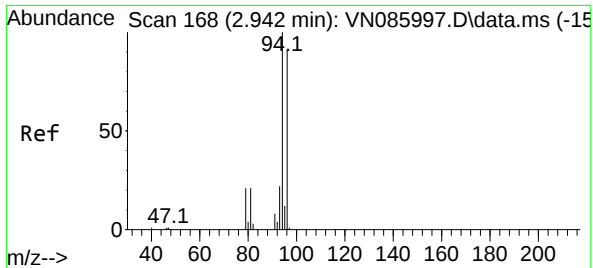
Tgt Ion: 50 Resp: 59899
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 45.850 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.012 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 62 Resp: 67750
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

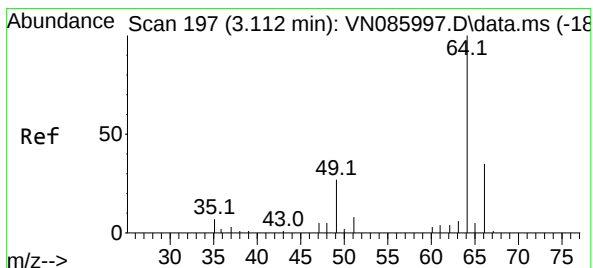
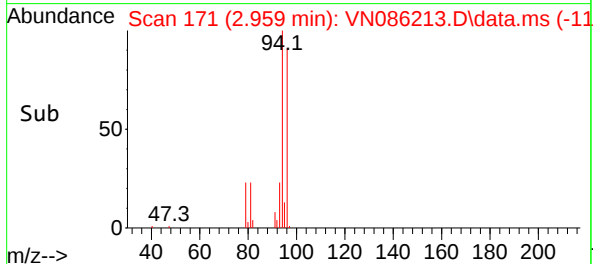
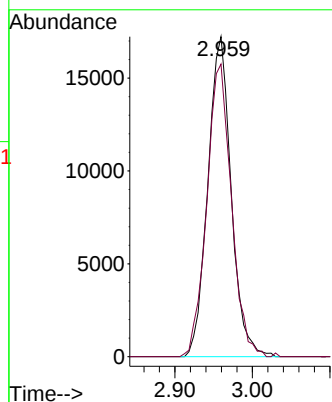
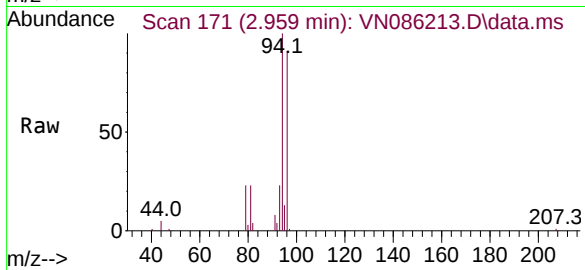




#5
Bromomethane
Concen: 35.877 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

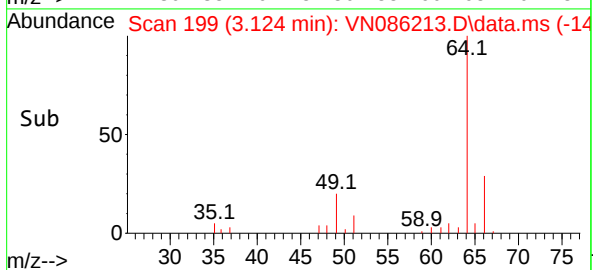
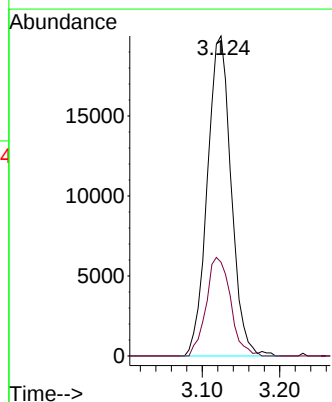
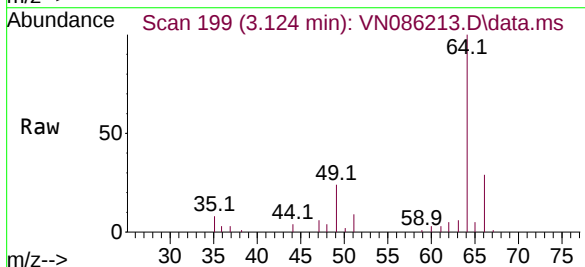
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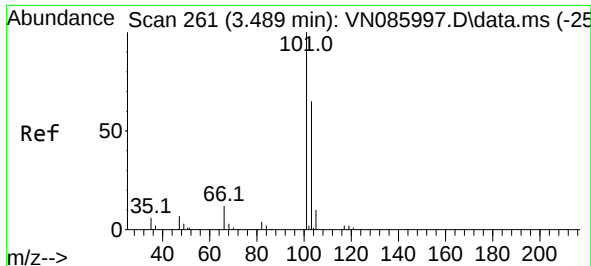
Tgt Ion: 94 Resp: 36111
Ion Ratio Lower Upper
94 100
96 91.4 72.8 109.2



#6
Chloroethane
Concen: 45.748 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 64 Resp: 42645
Ion Ratio Lower Upper
64 100
66 29.3 28.3 42.5

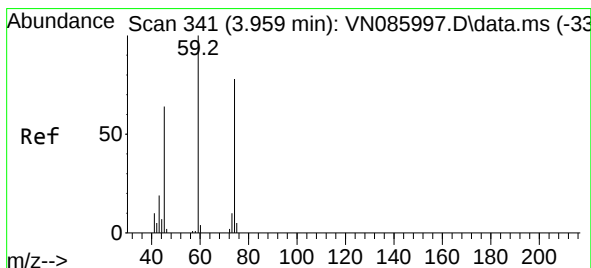
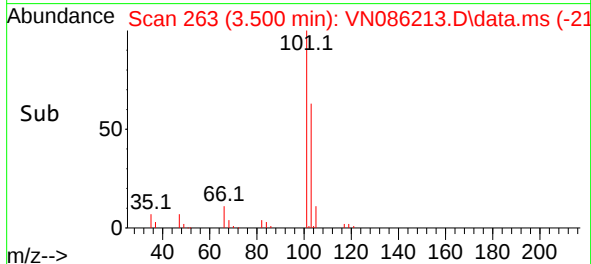
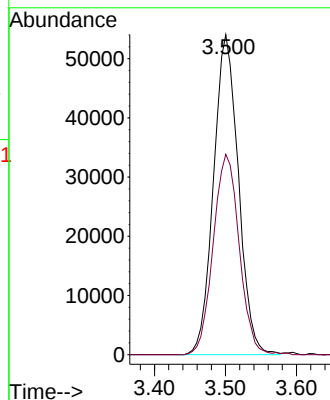
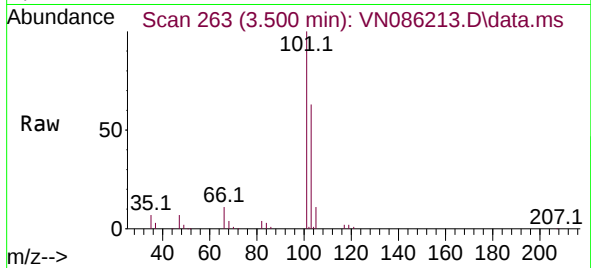




#7
Trichlorofluoromethane
Concen: 49.395 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

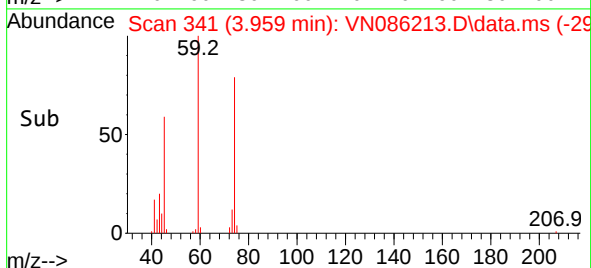
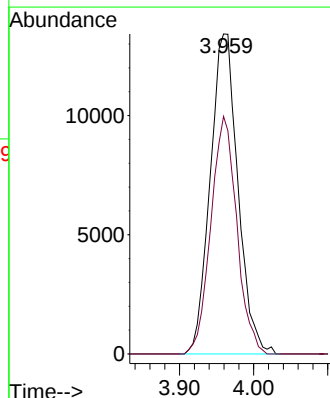
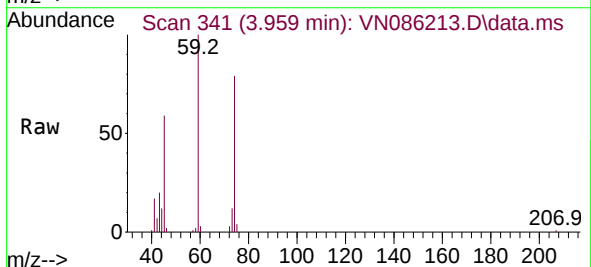
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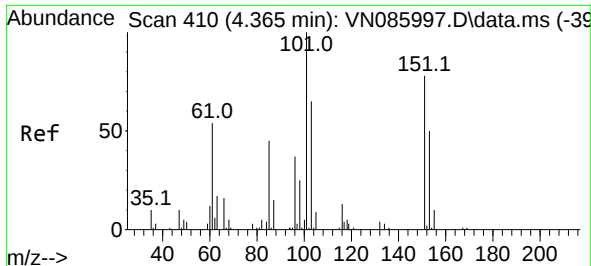
Tgt Ion:101 Resp: 131204
Ion Ratio Lower Upper
101 100
103 62.6 51.7 77.5



#8
Diethyl Ether
Concen: 42.897 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 74 Resp: 34882
Ion Ratio Lower Upper
74 100
45 69.4 38.0 113.9

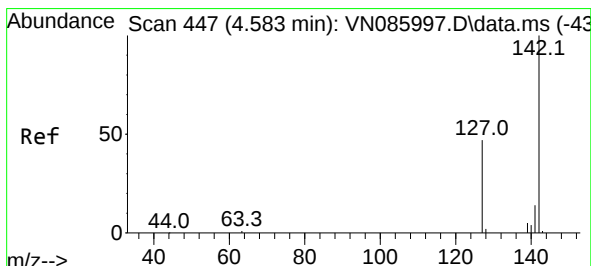
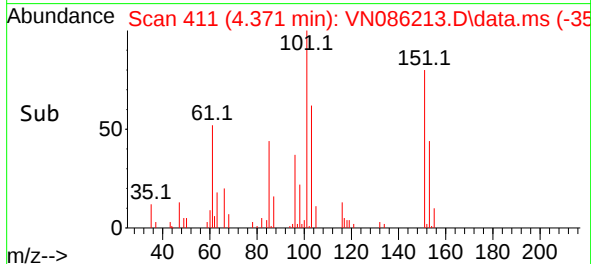
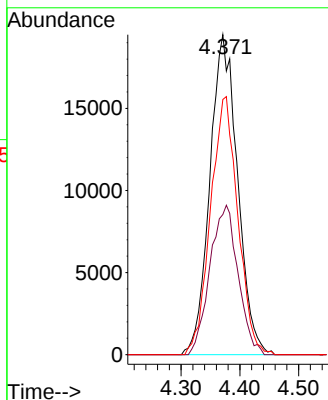
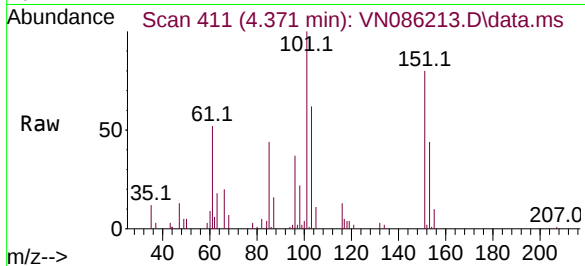




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.193 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

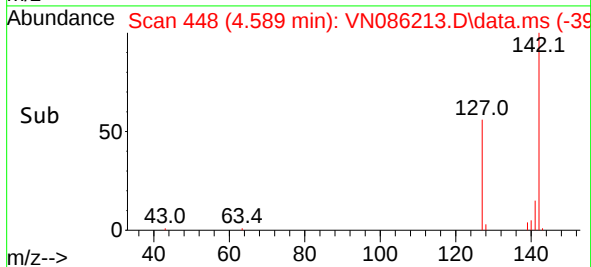
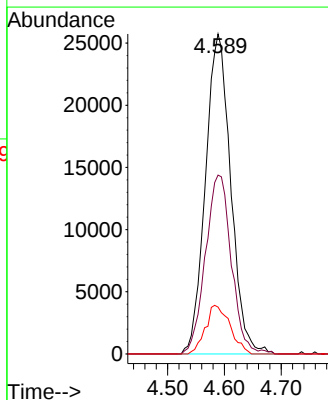
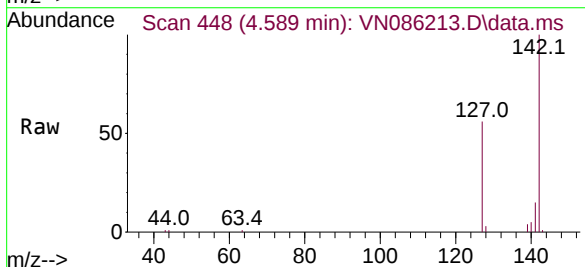
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

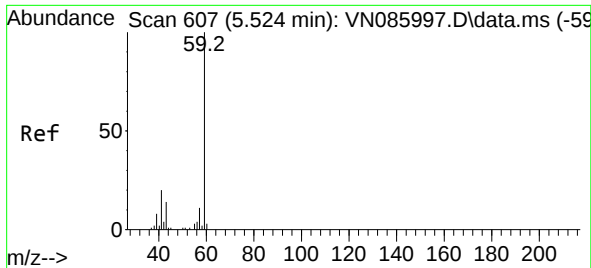
Tgt Ion:101 Resp: 63800
Ion Ratio Lower Upper
101 100
85 47.3 36.5 54.7
151 79.4 63.4 95.0



#10
Methyl Iodide
Concen: 43.224 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:142 Resp: 79510
Ion Ratio Lower Upper
142 100
127 55.9 37.5 56.3
141 14.6 11.0 16.6

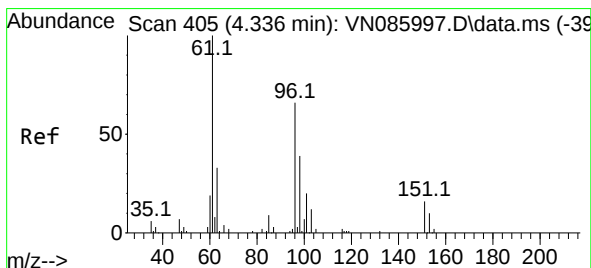
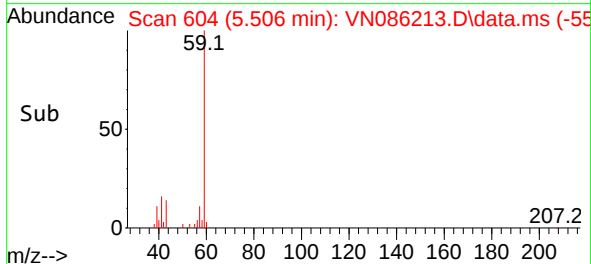
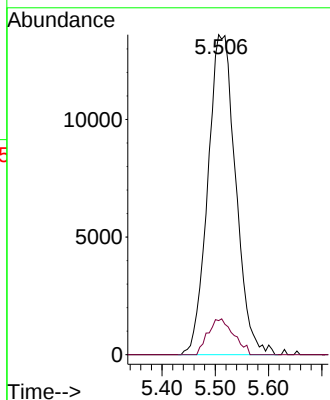
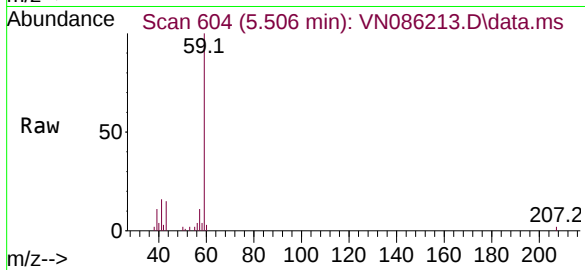




#11
Tert butyl alcohol
Concen: 204.645 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

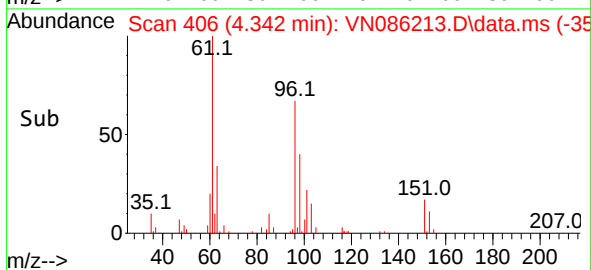
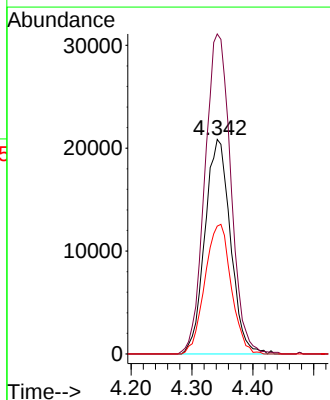
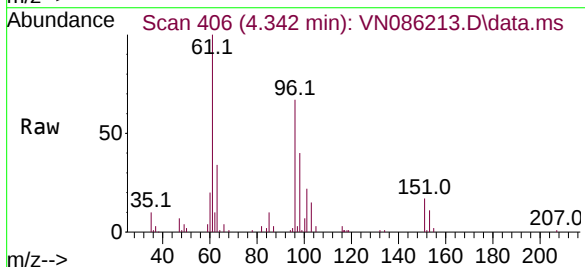
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

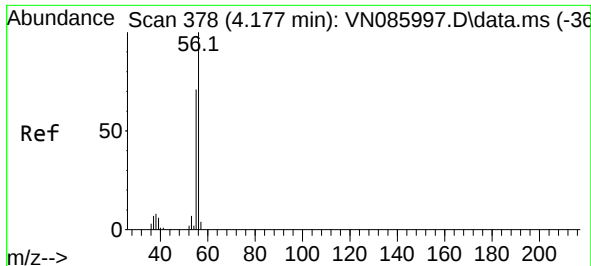
Tgt Ion: 59 Resp: 49367
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9



#12
1,1-Dichloroethene
Concen: 47.726 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 96 Resp: 60839
Ion Ratio Lower Upper
96 100
61 149.2 120.5 180.7
98 59.6 47.4 71.0





#13

Acrolein

Concen: 178.054 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

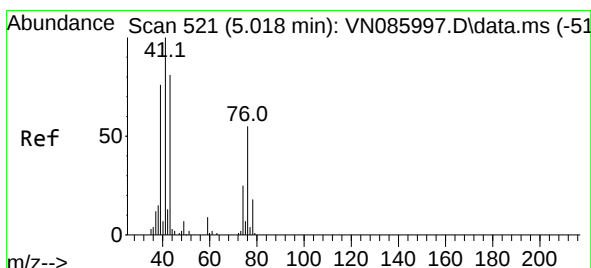
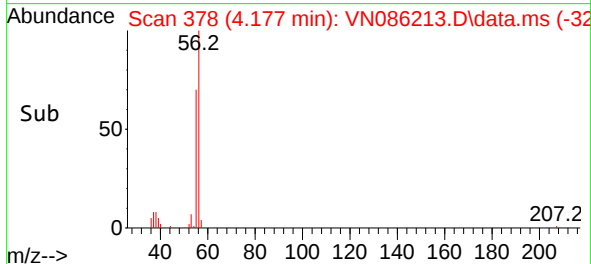
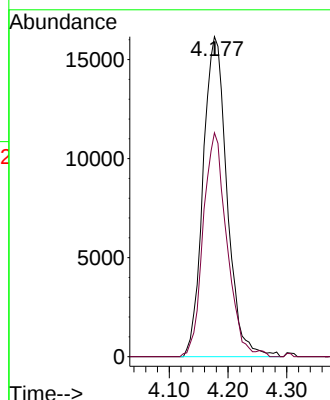
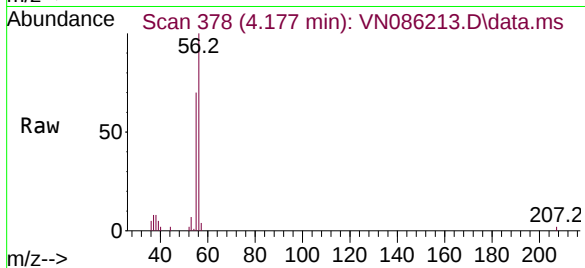
VSTDCCC050EC

Tgt Ion: 56 Resp: 45812

Ion Ratio Lower Upper

56 100

55 68.6 55.1 82.7



#14

Allyl chloride

Concen: 40.176 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

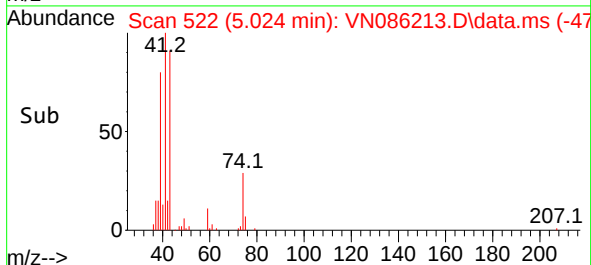
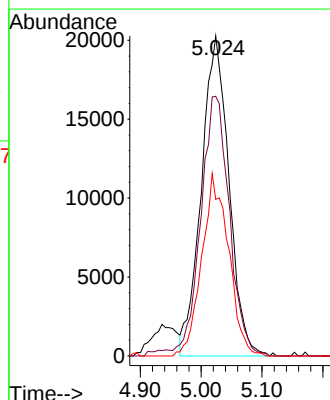
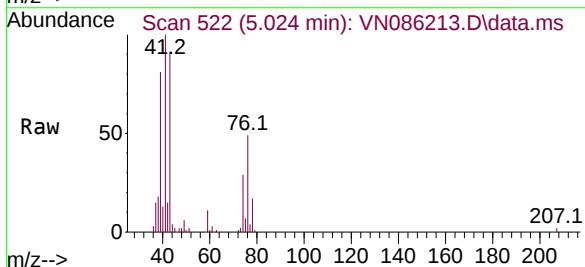
Tgt Ion: 41 Resp: 63892

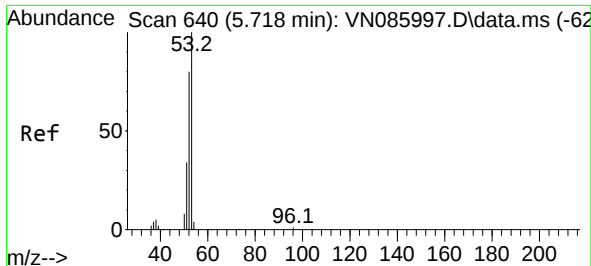
Ion Ratio Lower Upper

41 100

39 85.3 55.5 83.3#

76 55.2 39.1 58.7

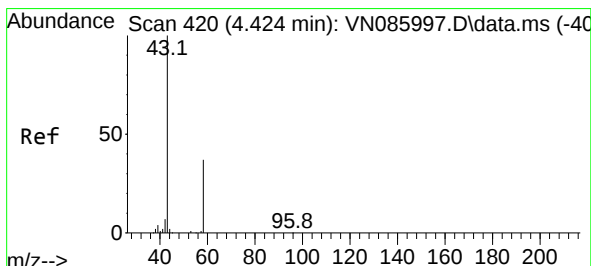
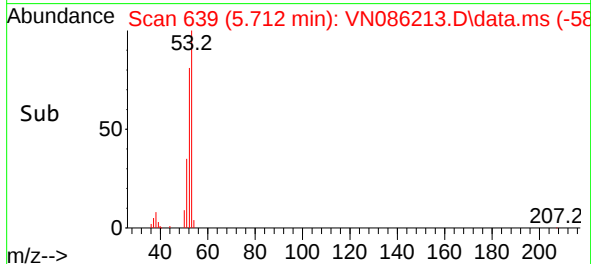
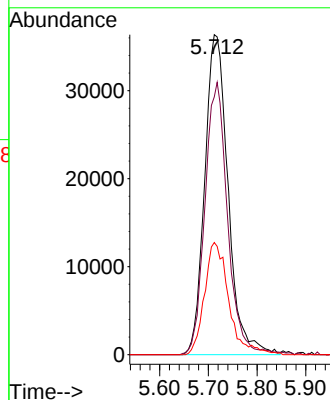
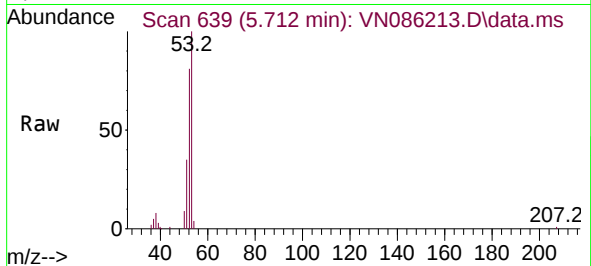




#15
Acrylonitrile
Concen: 190.560 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

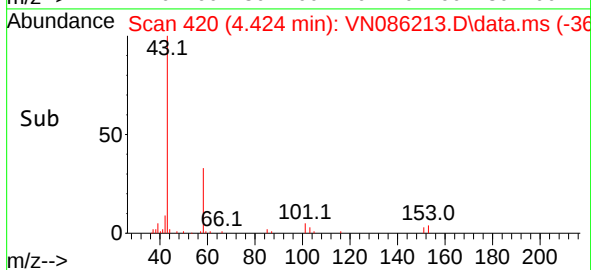
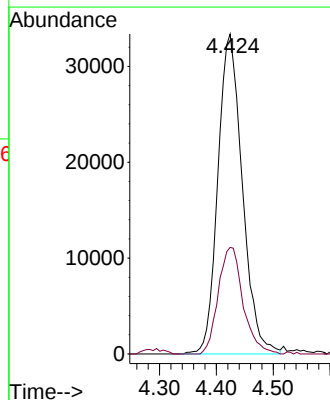
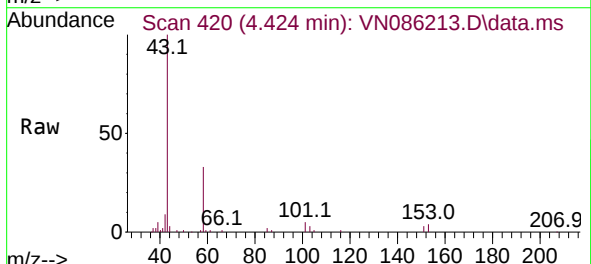
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

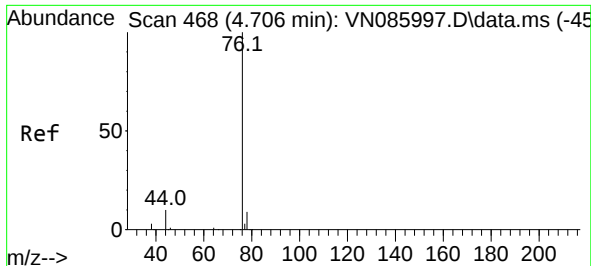
Tgt Ion: 53 Resp: 121404
Ion Ratio Lower Upper
53 100
52 82.5 63.9 95.9
51 36.3 27.1 40.7



#16
Acetone
Concen: 191.643 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 43 Resp: 99757
Ion Ratio Lower Upper
43 100
58 33.3 29.4 44.2

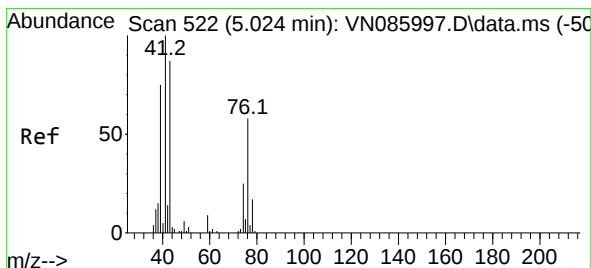
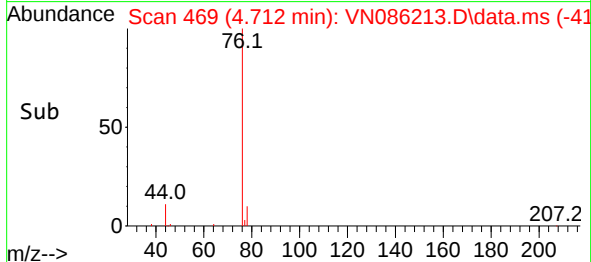
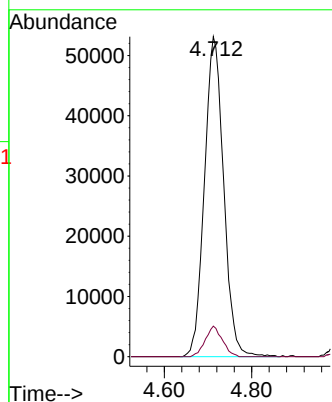
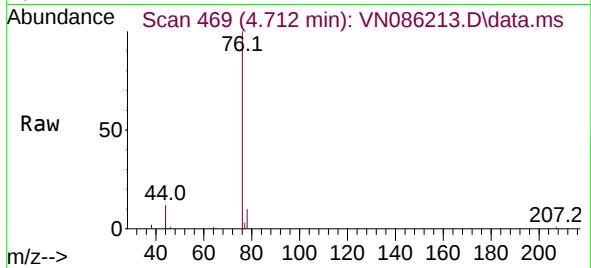




#17
Carbon Disulfide
Concen: 38.770 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

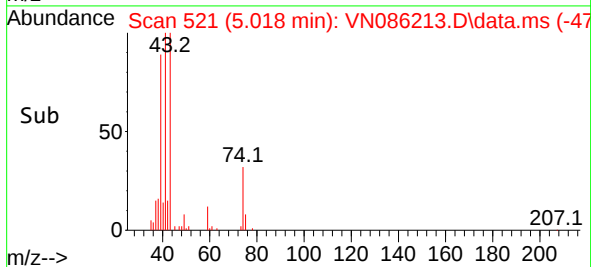
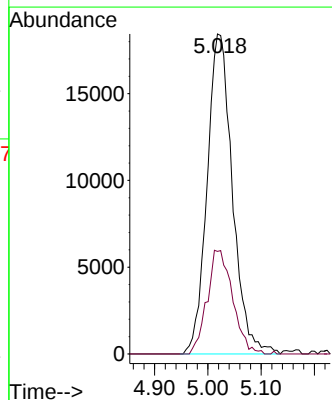
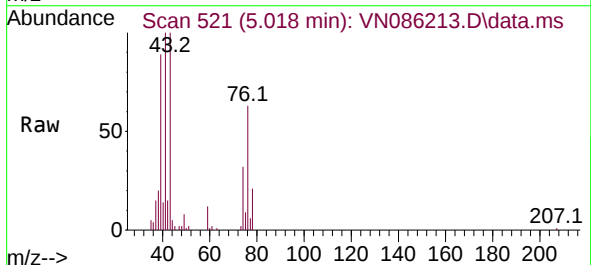
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

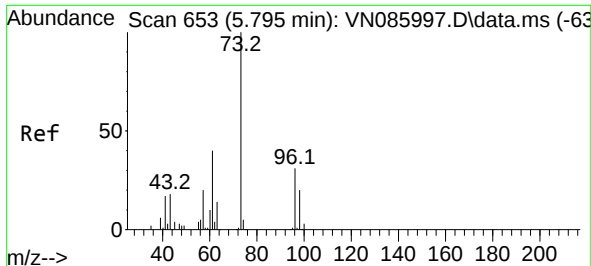
Tgt Ion: 76 Resp: 162533
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 47.349 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 43 Resp: 60980
Ion Ratio Lower Upper
43 100
74 32.6 23.9 35.9

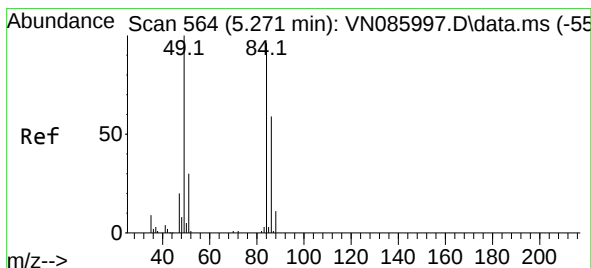
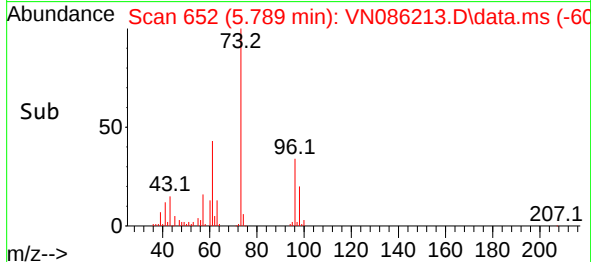
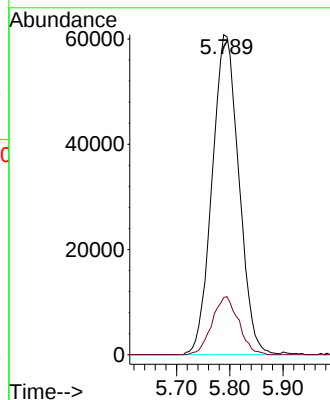
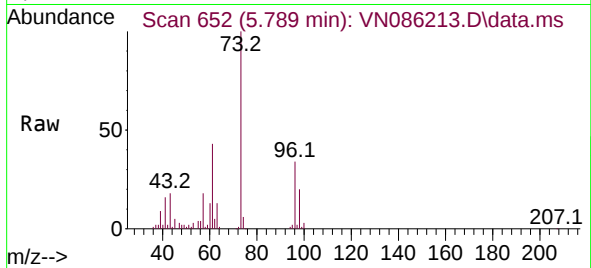




#19
Methyl tert-butyl Ether
Concen: 50.836 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

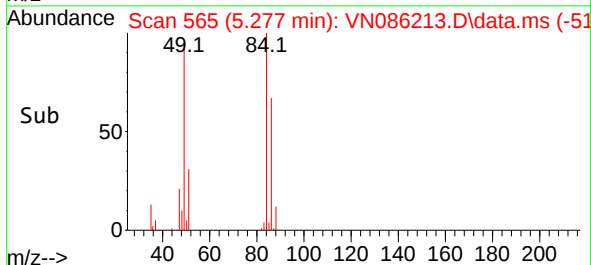
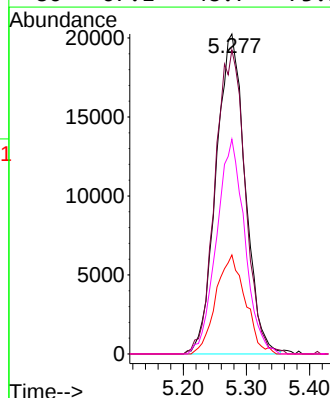
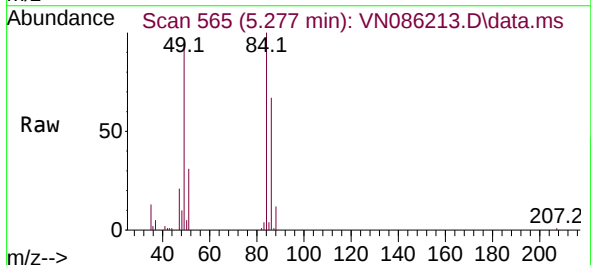
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

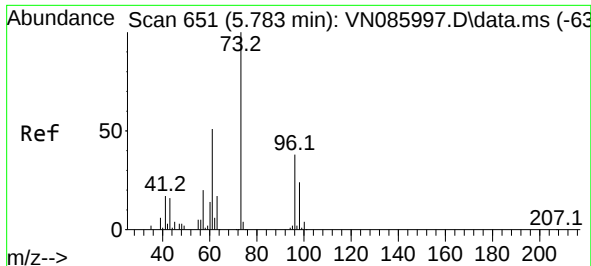
Tgt Ion: 73 Resp: 212354
Ion Ratio Lower Upper
73 100
57 17.9 16.1 24.1



#20
Methylene Chloride
Concen: 42.532 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 84 Resp: 64767
Ion Ratio Lower Upper
84 100
49 95.0 83.3 124.9
51 31.0 24.8 37.2
86 67.1 48.7 73.1

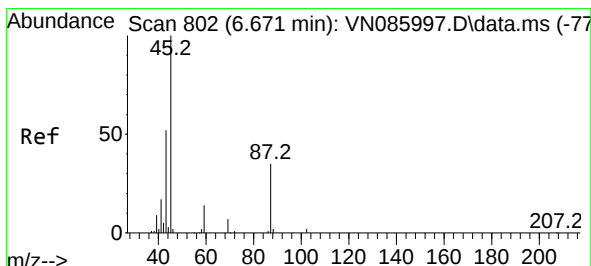
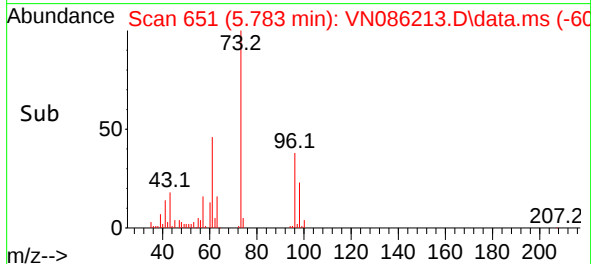
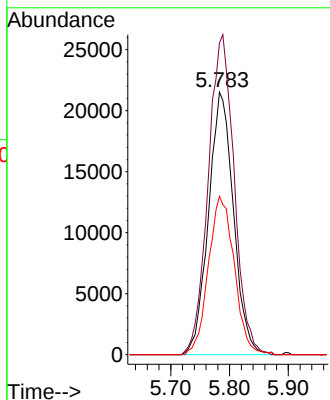
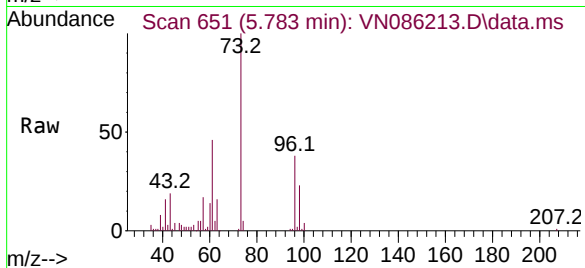




#21
trans-1,2-Dichloroethene
Concen: 45.645 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

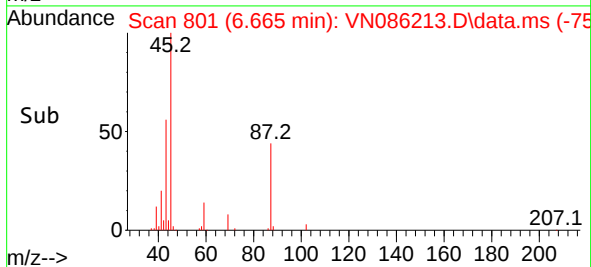
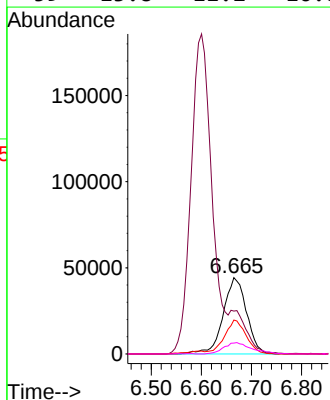
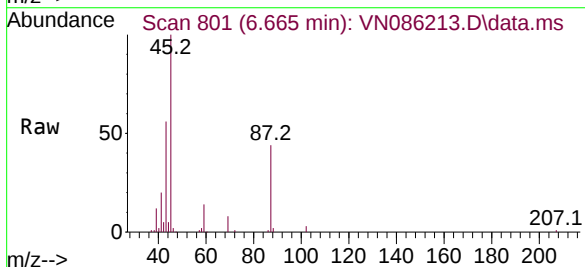
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

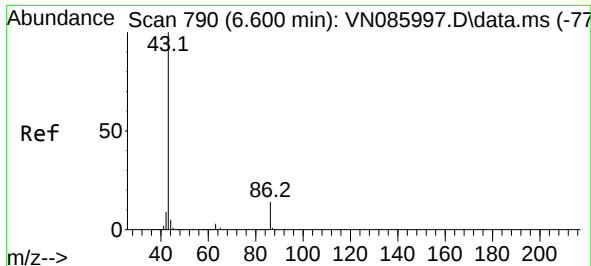
Tgt Ion: 96 Resp: 63588
Ion Ratio Lower Upper
96 100
61 118.8 106.6 160.0
98 60.4 50.0 75.0



#22
Diisopropyl ether
Concen: 42.129 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 45 Resp: 142773
Ion Ratio Lower Upper
45 100
43 55.0 41.2 61.8
87 44.4 28.5 42.7#
59 13.8 11.2 16.8

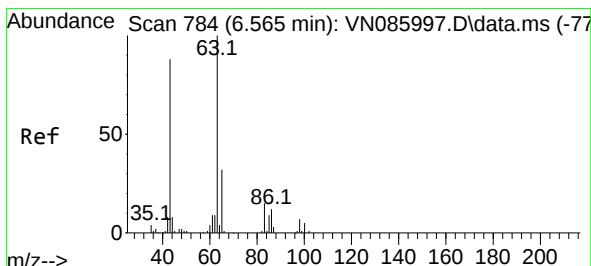
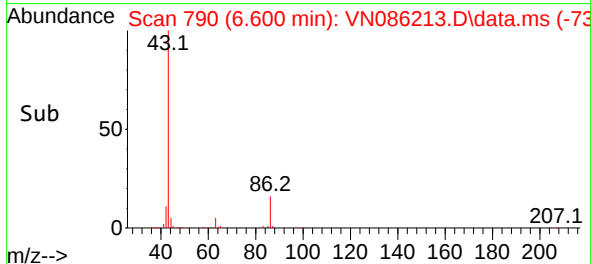
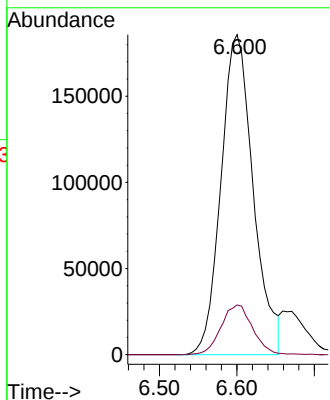
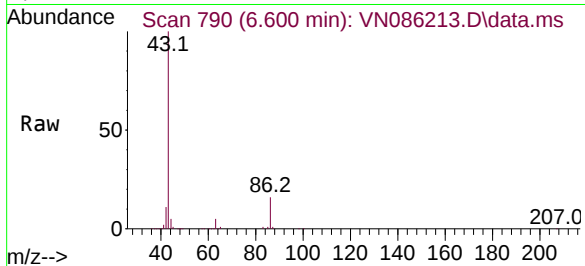




#23
 Vinyl Acetate
 Concen: 209.774 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086213.D
 Acq: 02 Apr 2025 17:07

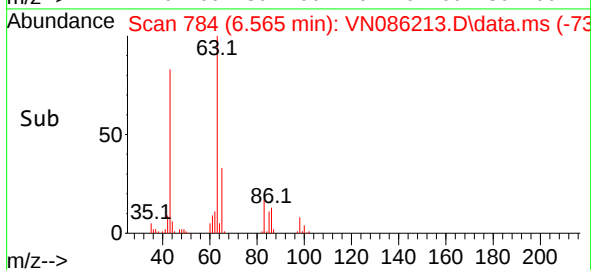
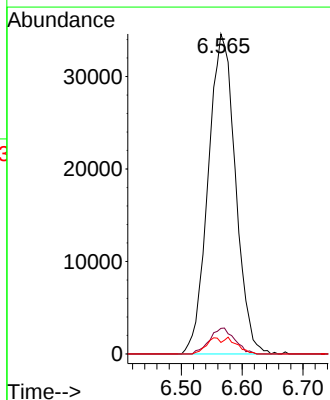
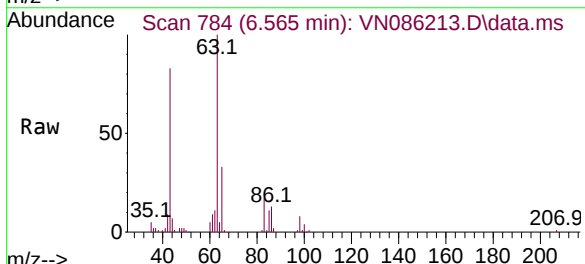
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 538918
 Ion Ratio Lower Upper
 43 100
 86 15.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 43.164 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086213.D
 Acq: 02 Apr 2025 17:07

Tgt Ion: 63 Resp: 107567
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 3.6 2.5 7.5

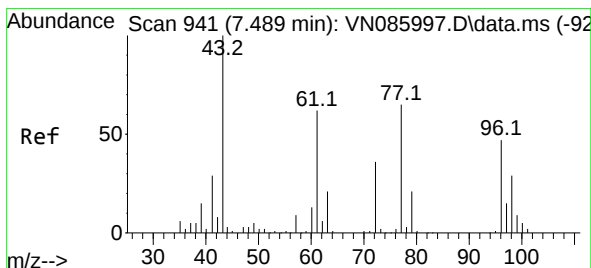
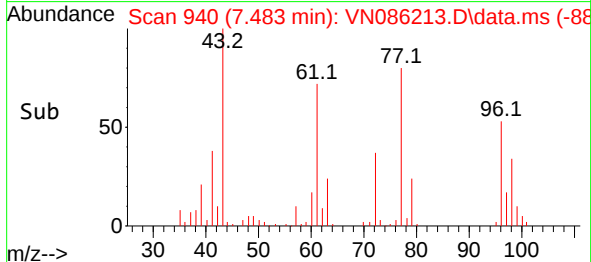
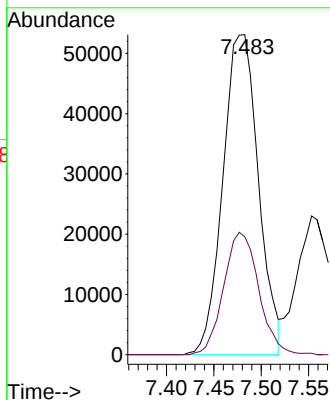
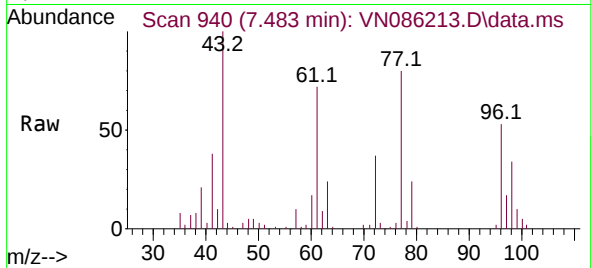




#25
2-Butanone
Concen: 184.691 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

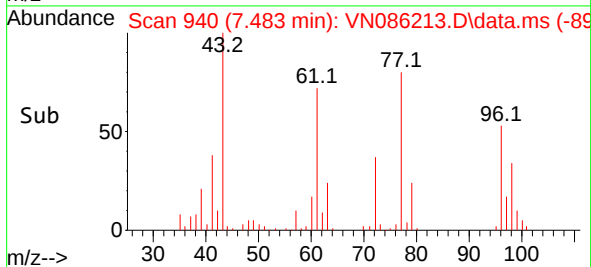
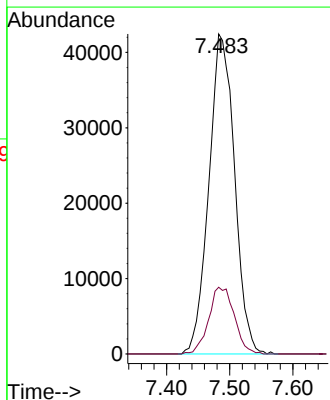
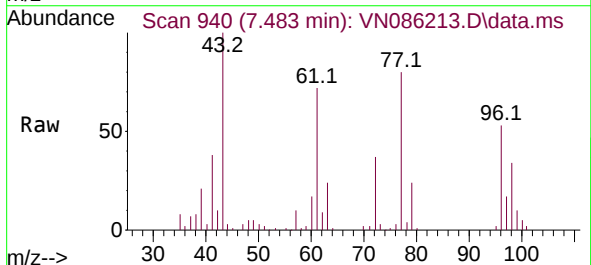
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

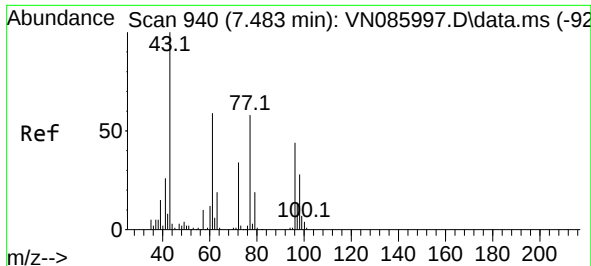
Tgt Ion: 43 Resp: 138722
Ion Ratio Lower Upper
43 100
72 36.9 27.4 41.0



#26
2,2-Dichloropropane
Concen: 49.931 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 77 Resp: 119797
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.5

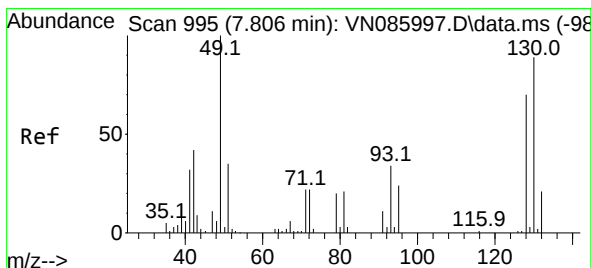
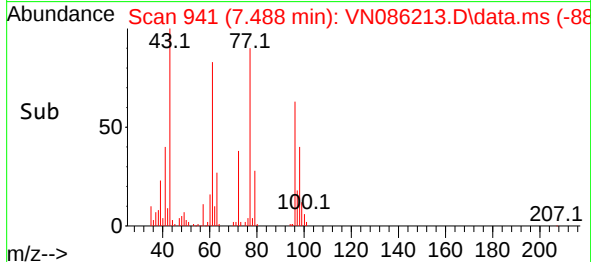
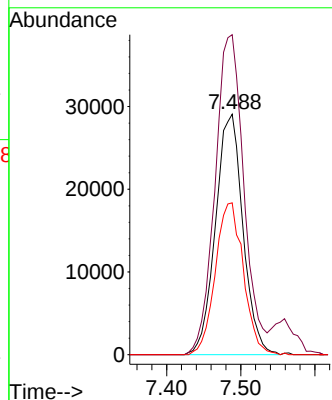
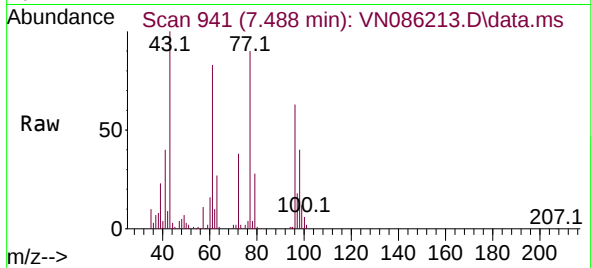




#27
 cis-1,2-Dichloroethene
 Concen: 47.289 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086213.D
 Acq: 02 Apr 2025 17:07

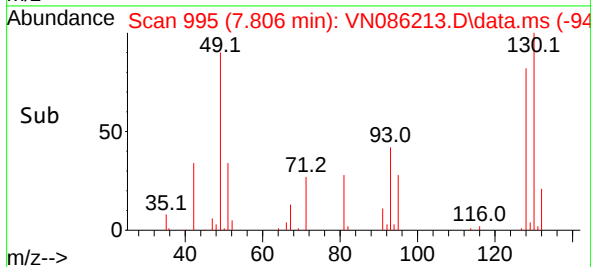
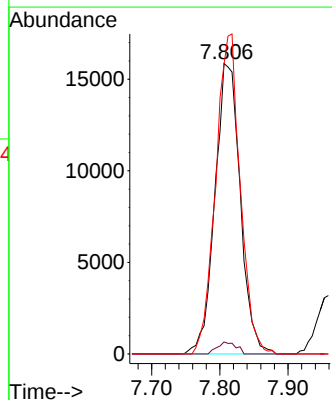
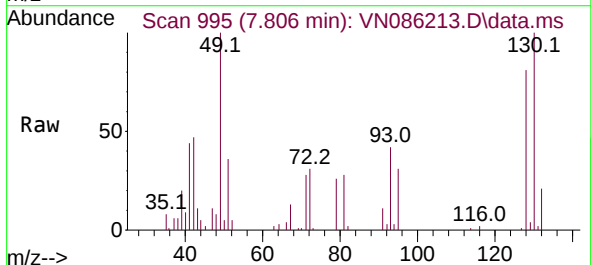
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

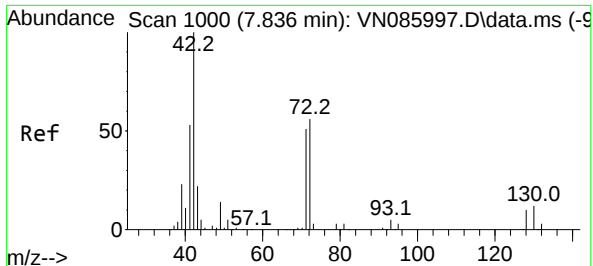
Tgt Ion: 96 Resp: 74863
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 272.8
 98 64.4 0.0 124.8



#28
 Bromochloromethane
 Concen: 38.872 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086213.D
 Acq: 02 Apr 2025 17:07

Tgt Ion: 49 Resp: 41042
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.2
 130 106.7 74.2 111.4





#29

Tetrahydrofuran

Concen: 194.398 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

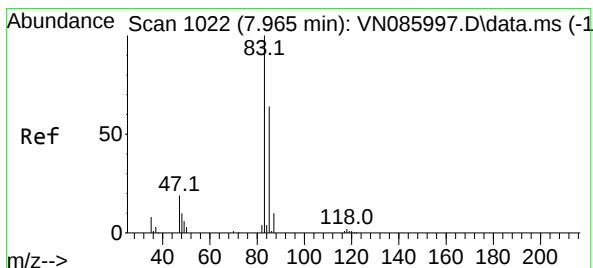
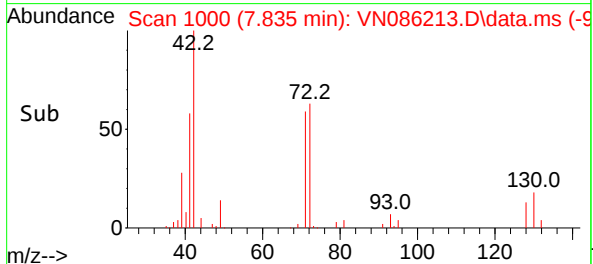
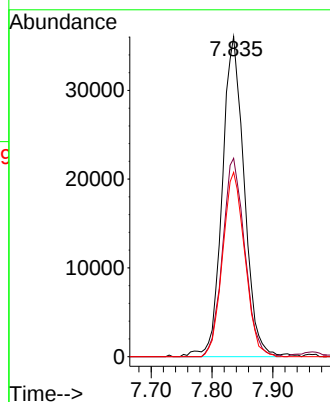
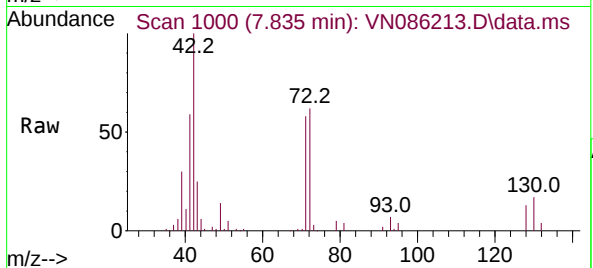
Tgt Ion: 42 Resp: 90143

Ion Ratio Lower Upper

42 100

72 62.8 45.0 67.4

71 58.4 41.9 62.9



#30

Chloroform

Concen: 47.940 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086213.D

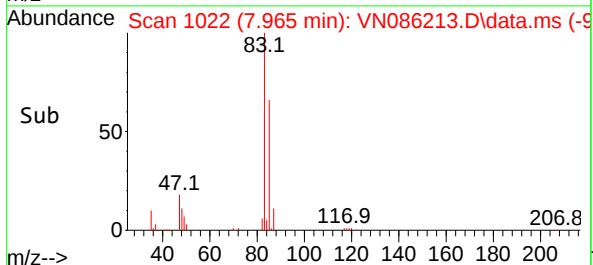
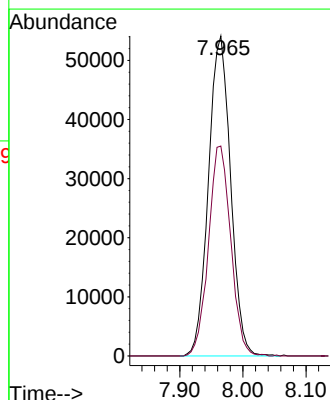
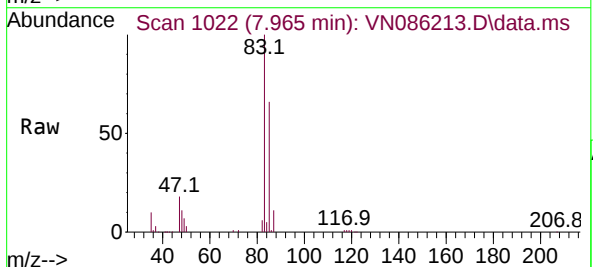
Acq: 02 Apr 2025 17:07

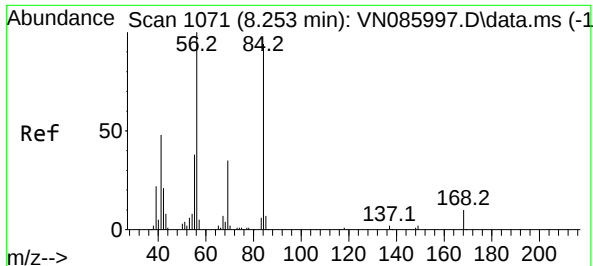
Tgt Ion: 83 Resp: 132053

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3

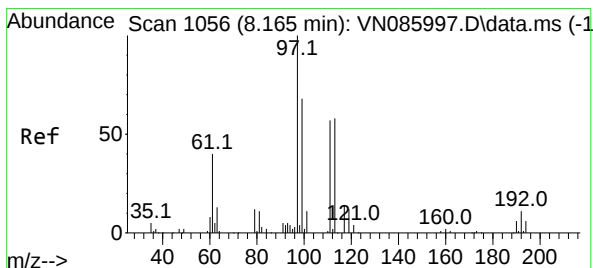
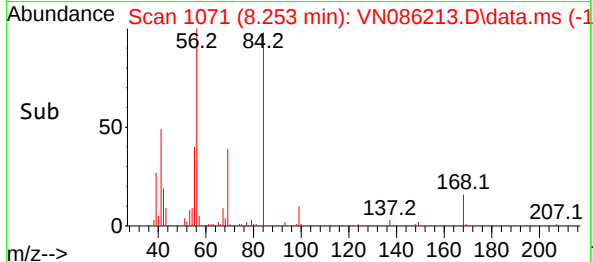
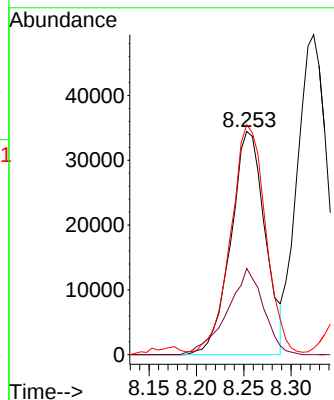
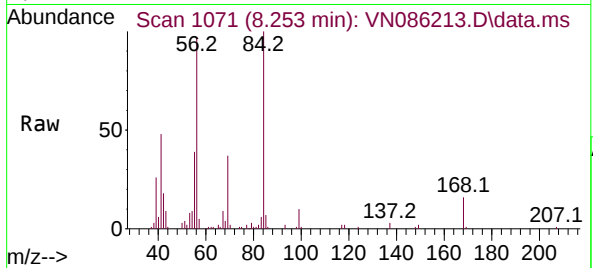




#31
Cyclohexane
Concen: 40.834 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

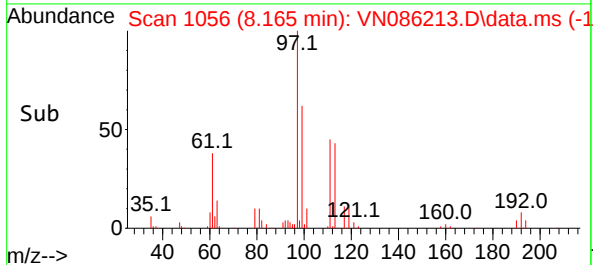
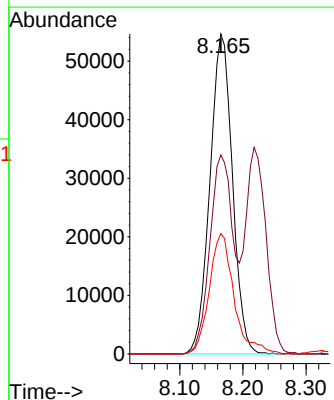
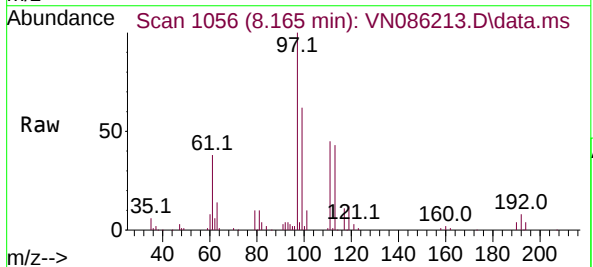
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

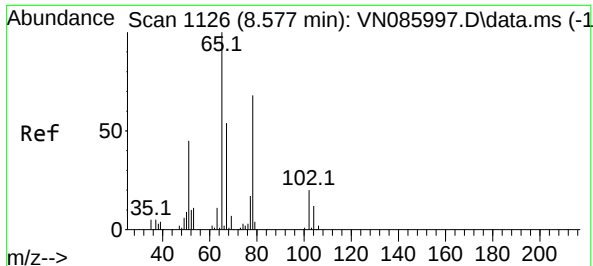
Tgt Ion:	56	Resp:	86690
Ion Ratio	Lower	Upper	
56	100		
69	38.6	28.0	42.0
84	100.9	75.0	112.6



#32
1,1,1-Trichloroethane
Concen: 51.772 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:	97	Resp:	134993
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.8	79.2
61	41.4	33.6	50.4





#33

1,2-Dichloroethane-d4

Concen: 45.911 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

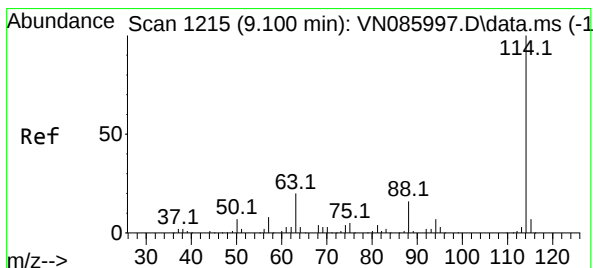
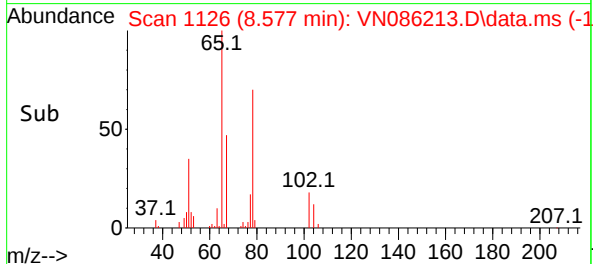
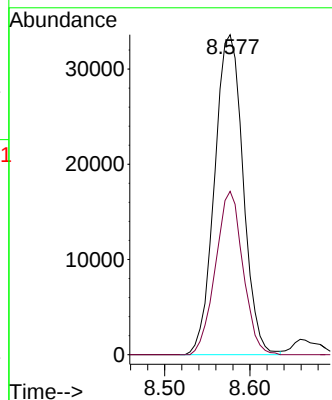
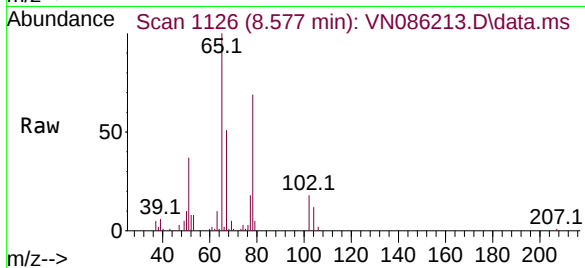
VSTDCCC050EC

Tgt Ion: 65 Resp: 78224

Ion Ratio Lower Upper

65 100

67 49.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

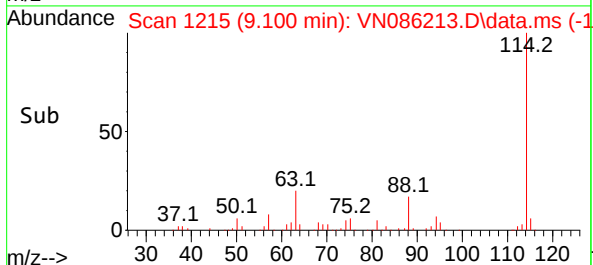
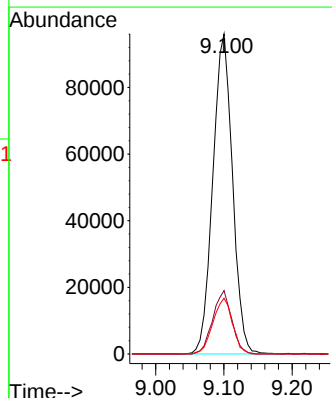
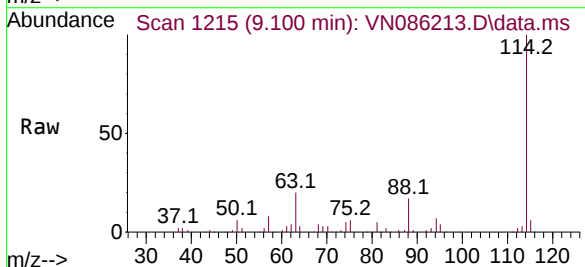
Tgt Ion: 114 Resp: 192874

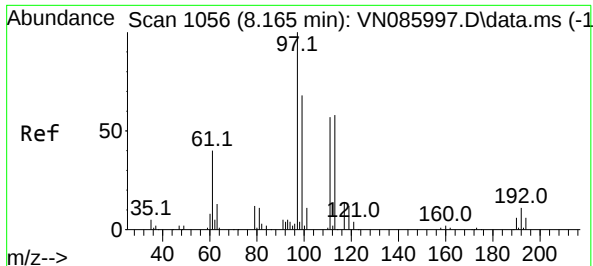
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.527 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

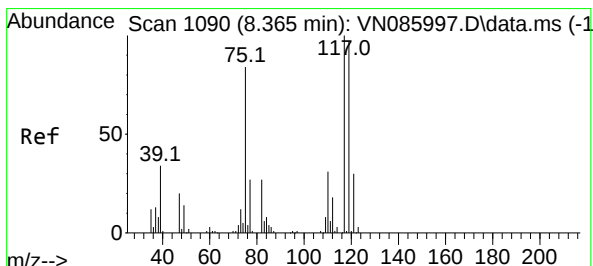
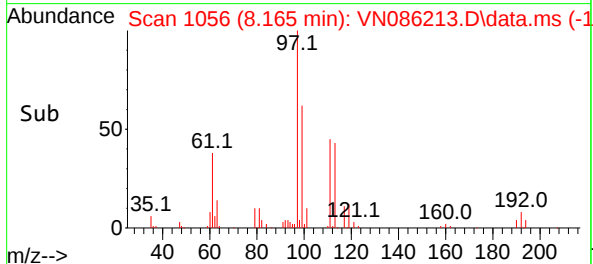
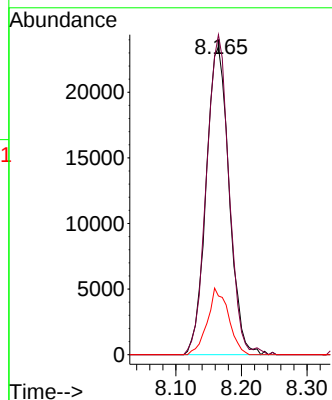
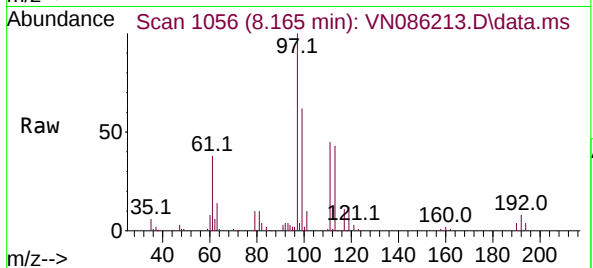
Tgt Ion:113 Resp: 57251

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.538 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

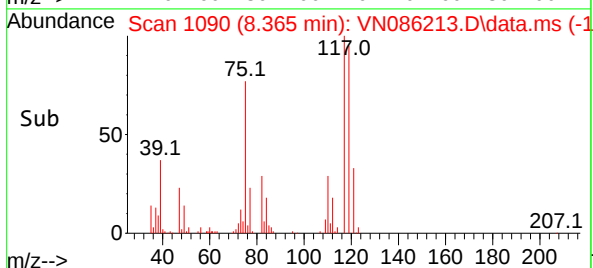
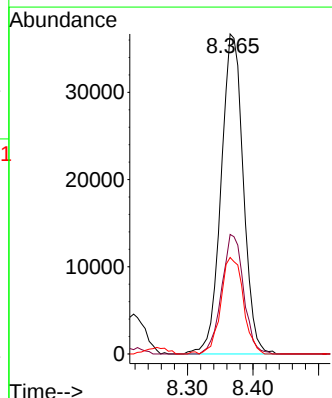
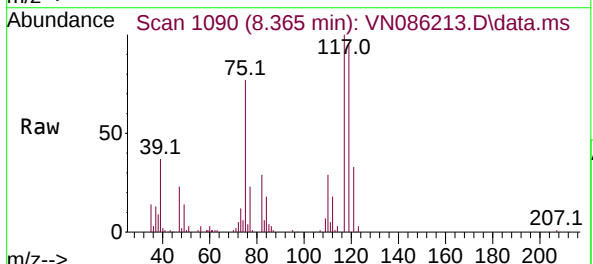
Tgt Ion: 75 Resp: 86041

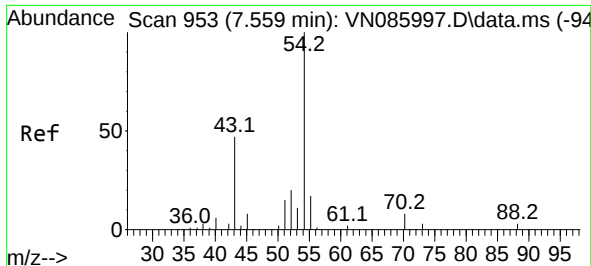
Ion Ratio Lower Upper

75 100

110 36.9 17.8 53.3

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 38.167 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

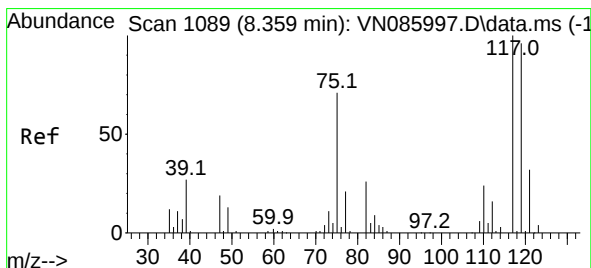
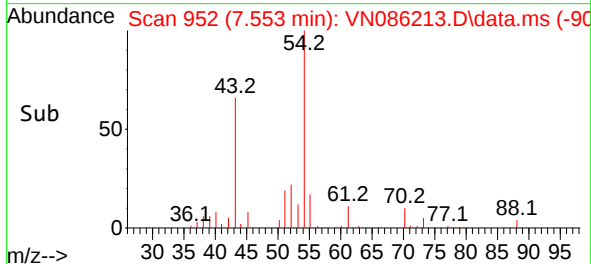
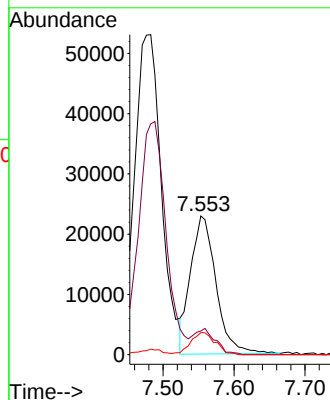
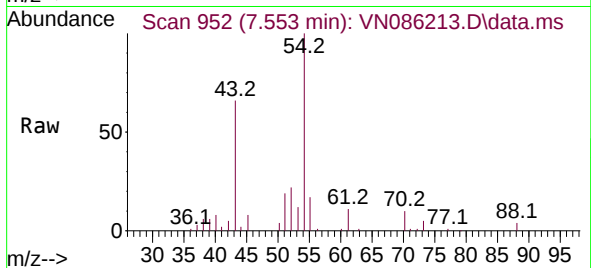
Tgt Ion: 43 Resp: 57079

Ion Ratio Lower Upper

43 100

61 16.2 13.0 19.4

70 15.6 11.0 16.6



#38

Carbon Tetrachloride

Concen: 53.389 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

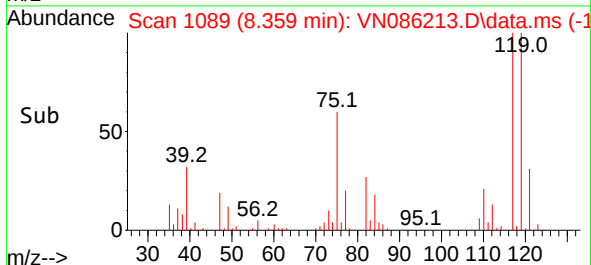
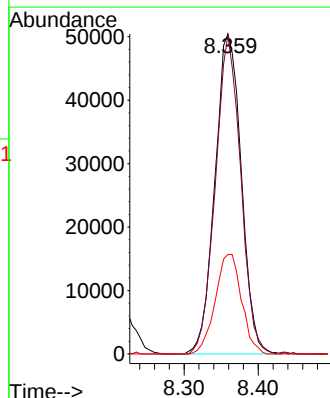
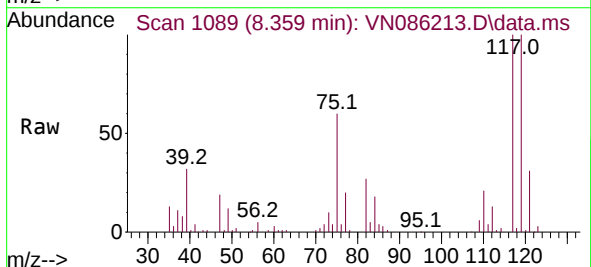
Tgt Ion: 117 Resp: 124436

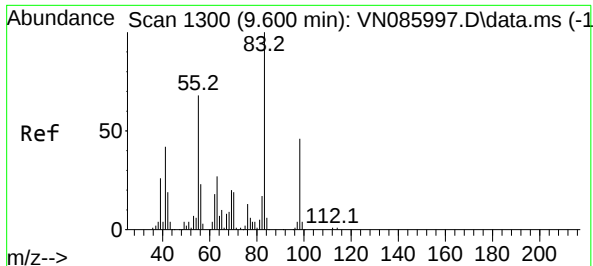
Ion Ratio Lower Upper

117 100

119 99.6 77.0 115.4

121 31.1 25.6 38.4





#39

Methylcyclohexane

Concen: 51.353 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

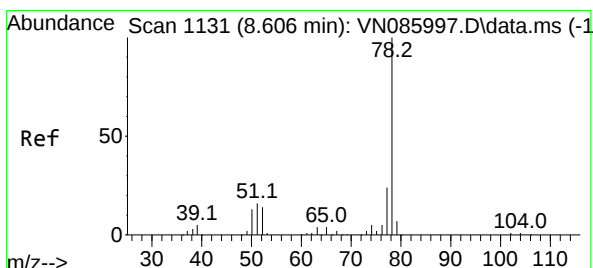
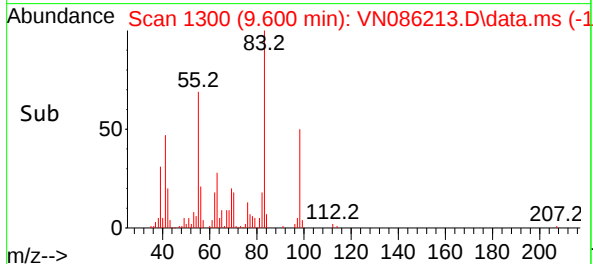
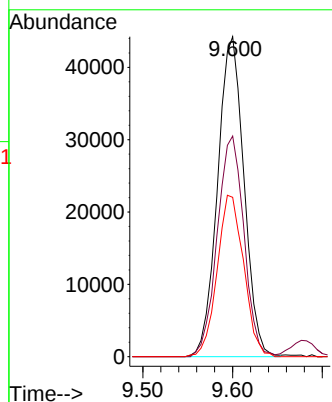
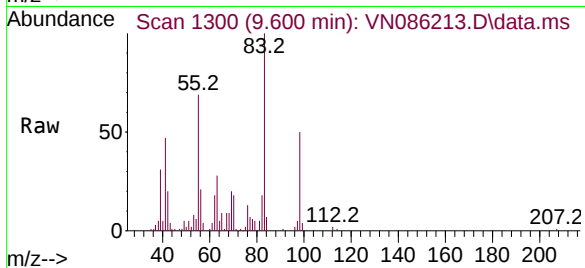
Tgt Ion: 83 Resp: 90315

Ion Ratio Lower Upper

83 100

55 69.0 54.2 81.2

98 49.8 37.1 55.7



#40

Benzene

Concen: 47.184 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086213.D

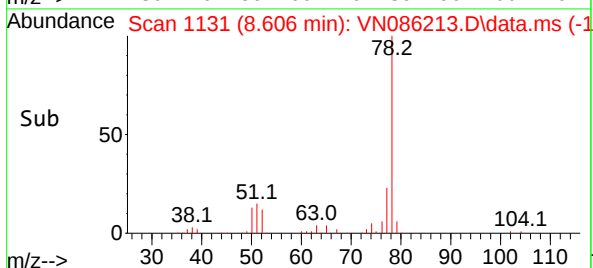
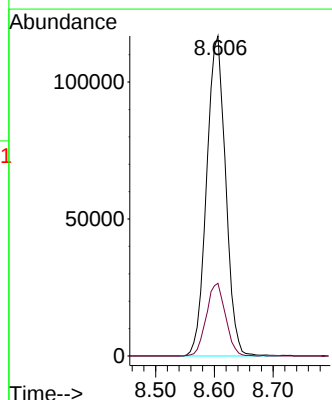
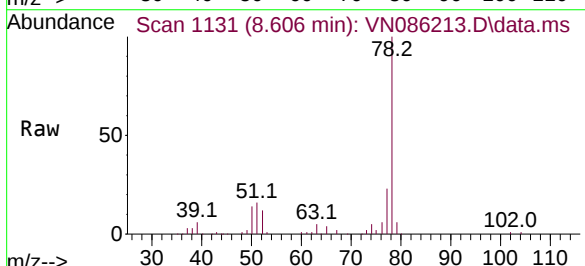
Acq: 02 Apr 2025 17:07

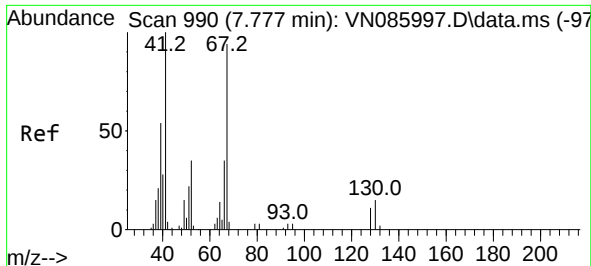
Tgt Ion: 78 Resp: 262572

Ion Ratio Lower Upper

78 100

77 22.7 18.9 28.3

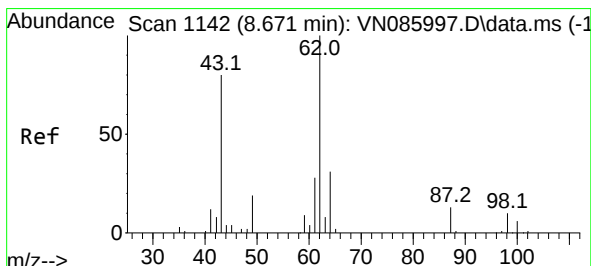
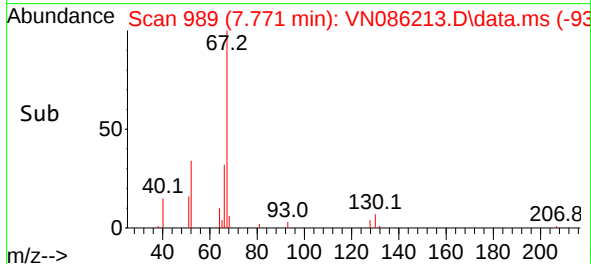
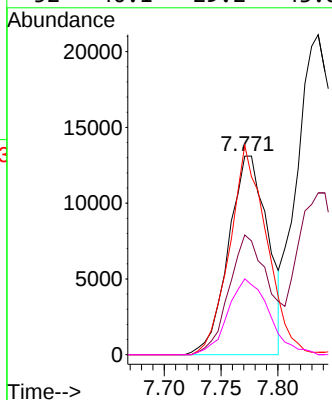
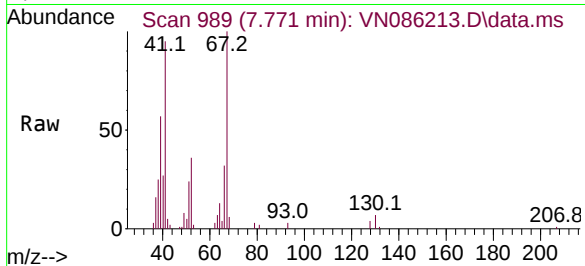




#41
Methacrylonitrile
Concen: 44.285 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

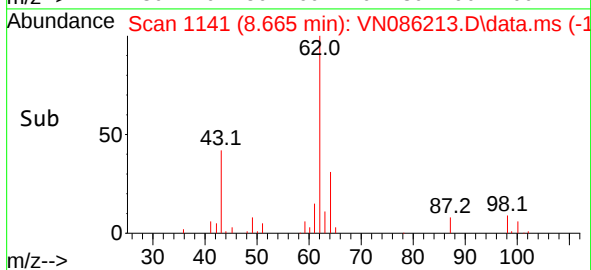
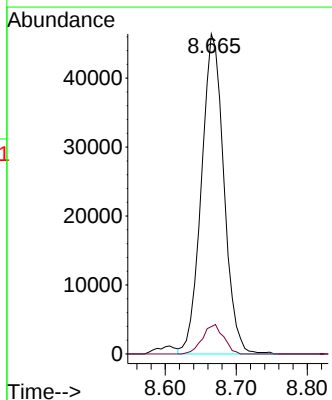
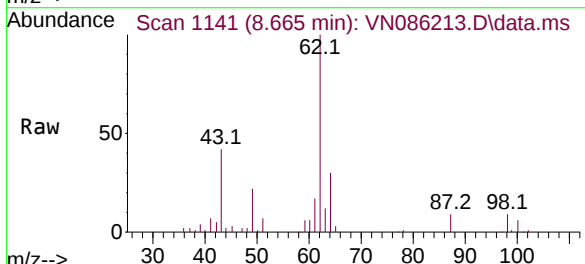
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

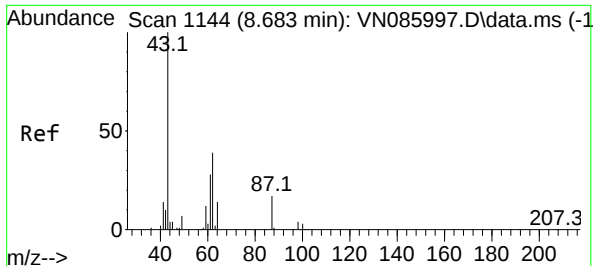
Tgt Ion:	41	Resp:	31624
Ion	Ratio	Lower	Upper
41	100		
39	62.5	46.2	69.2
67	99.5	75.9	113.9
52	40.1	29.2	43.8



#42
1,2-Dichloroethane
Concen: 52.637 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:	62	Resp:	102064
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.6

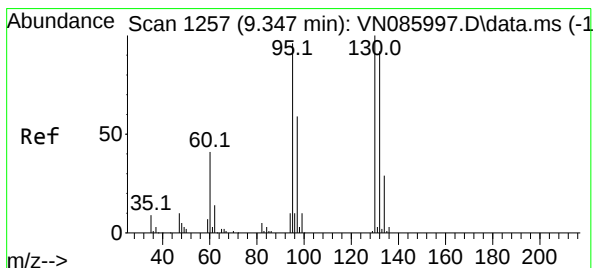
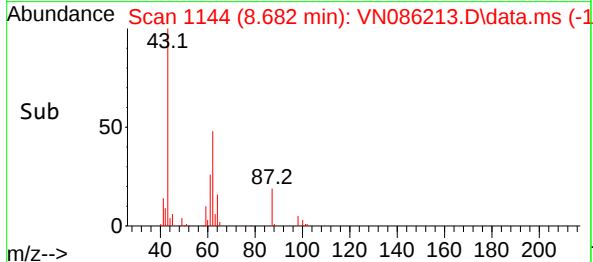
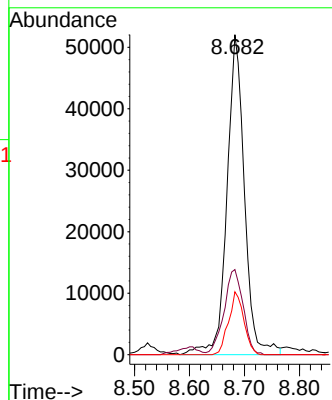
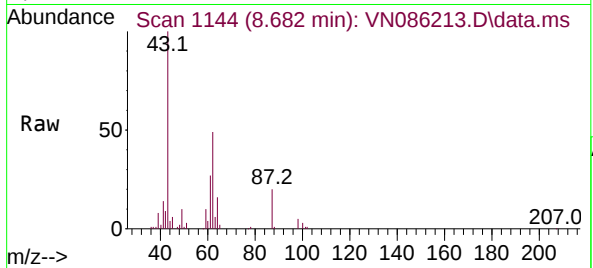




#43
Isopropyl Acetate
Concen: 35.573 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

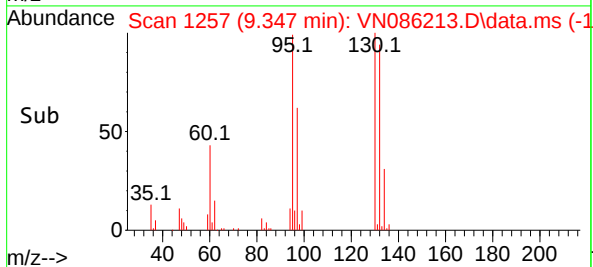
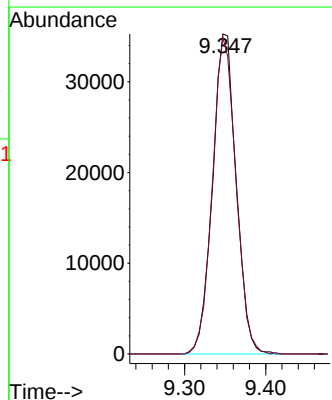
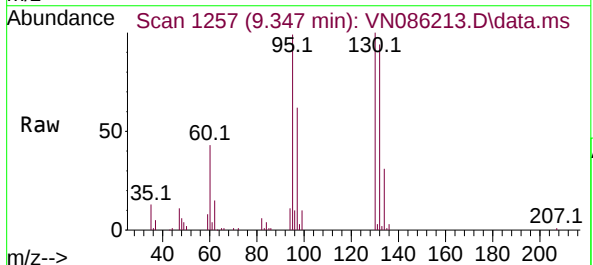
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

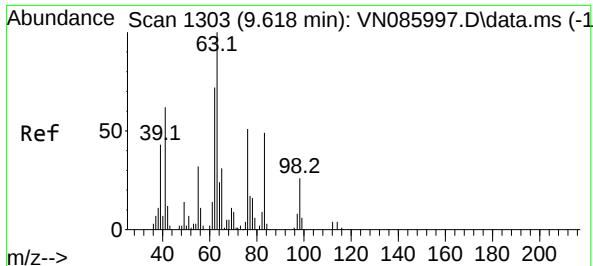
Tgt Ion: 43 Resp: 115280
Ion Ratio Lower Upper
43 100
61 29.0 25.0 37.6
87 17.2 13.0 19.4



#44
Trichloroethene
Concen: 49.478 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:130 Resp: 71360
Ion Ratio Lower Upper
130 100
95 98.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 44.386 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

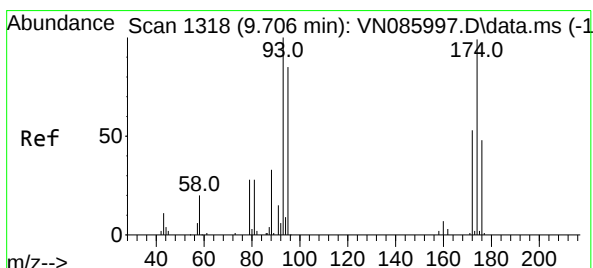
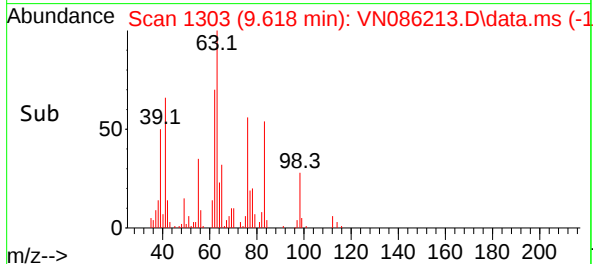
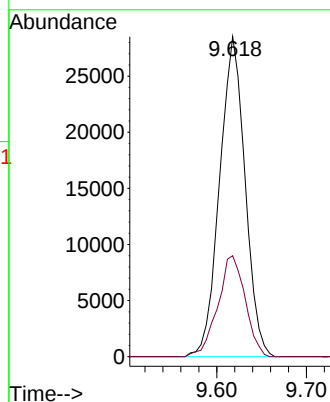
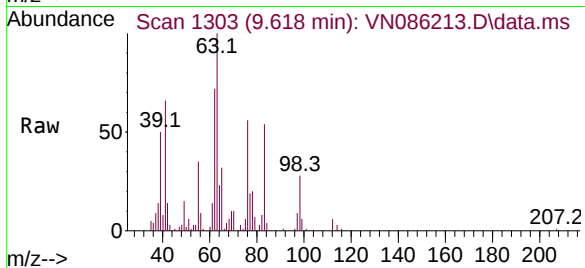
VSTDCCC050EC

Tgt Ion: 63 Resp: 56179

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#46

Dibromomethane

Concen: 49.634 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

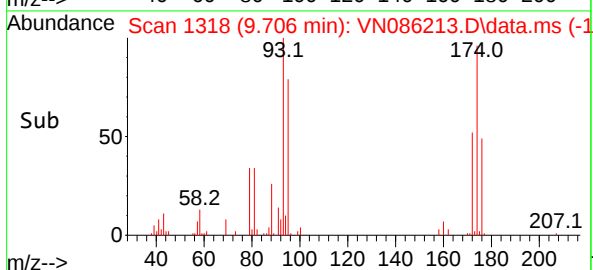
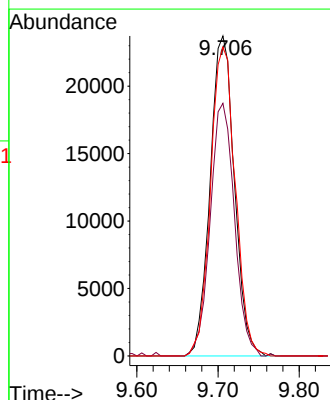
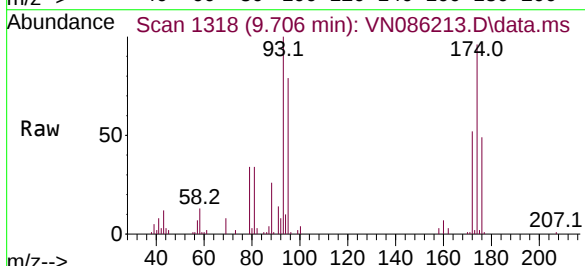
Tgt Ion: 93 Resp: 49404

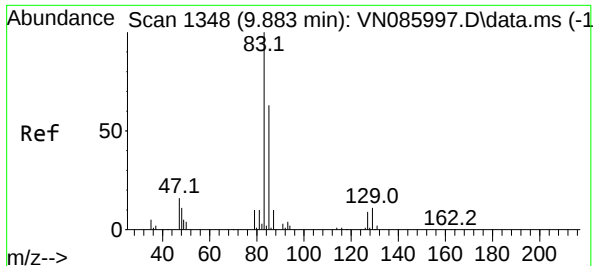
Ion Ratio Lower Upper

93 100

95 78.6 66.2 99.2

174 98.1 80.1 120.1

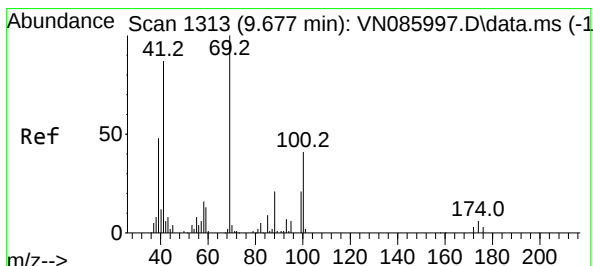
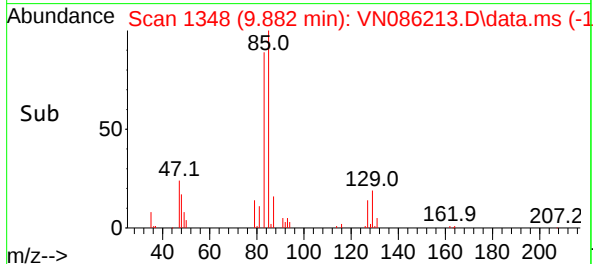
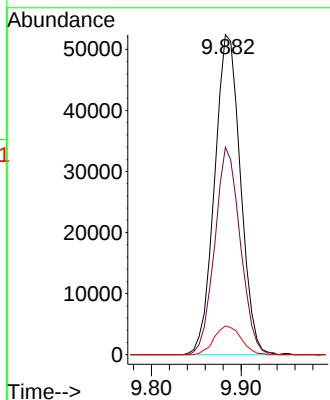
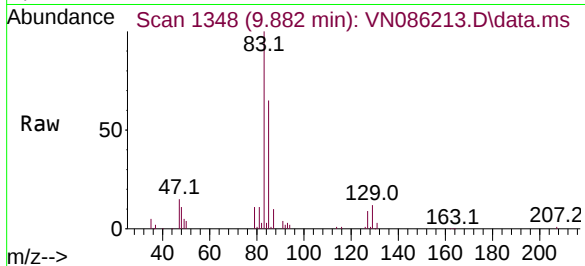




#47
Bromodichloromethane
Concen: 50.369 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

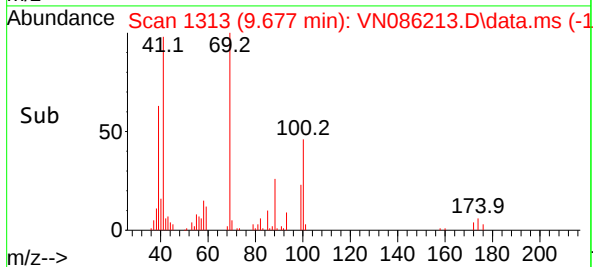
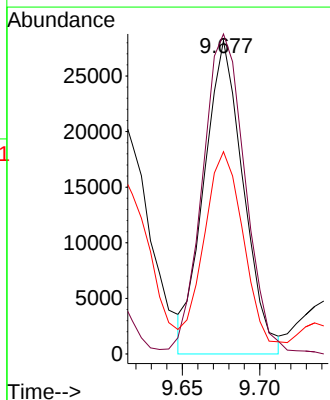
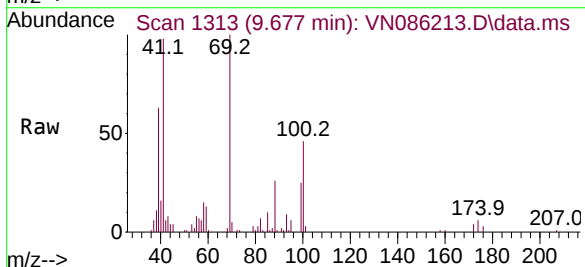
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

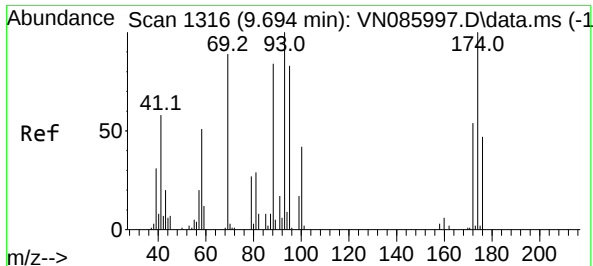
Tgt Ion: 83 Resp: 104783
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.2
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 46.471 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 41 Resp: 49695
Ion Ratio Lower Upper
41 100
69 111.1 83.1 124.7
39 67.4 45.6 68.4





#49

1,4-Dioxane

Concen: 949.854 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

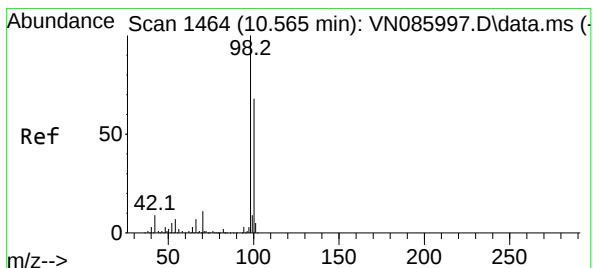
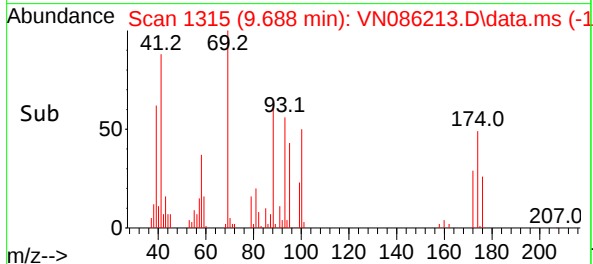
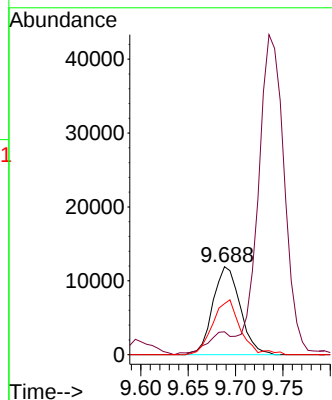
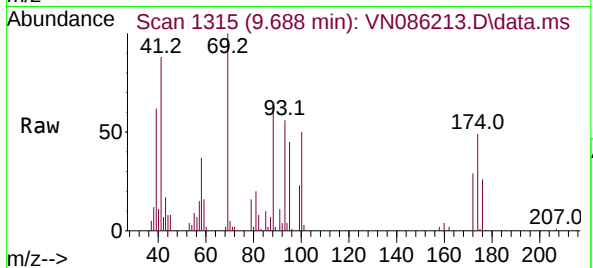
Tgt Ion: 88 Resp: 24012

Ion Ratio Lower Upper

88 100

43 22.0 21.7 32.5

58 63.1 50.4 75.6



#50

Toluene-d8

Concen: 43.497 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086213.D

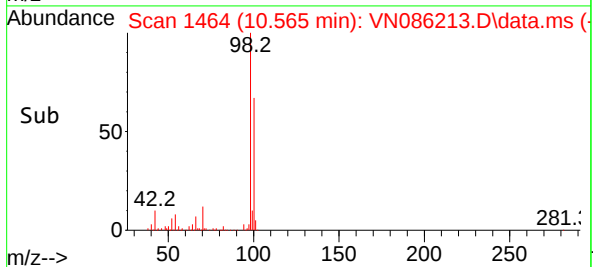
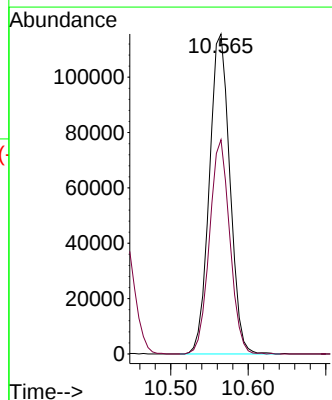
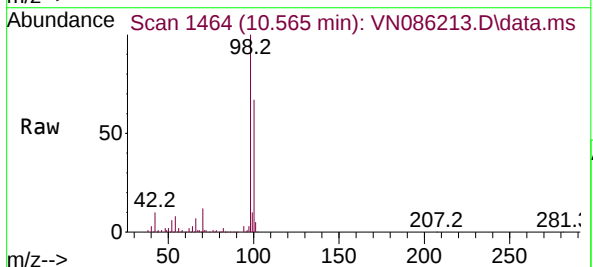
Acq: 02 Apr 2025 17:07

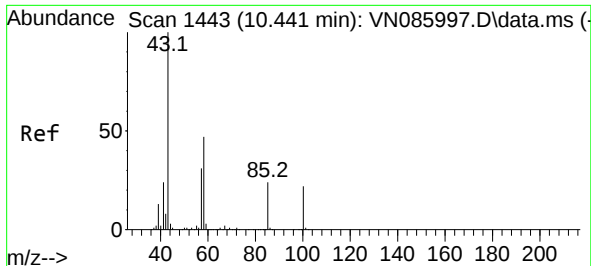
Tgt Ion: 98 Resp: 212522

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

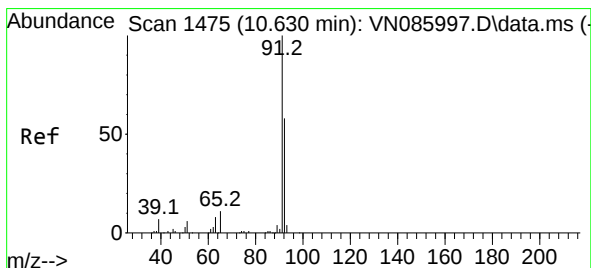
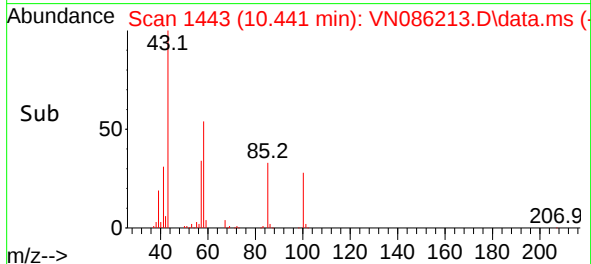
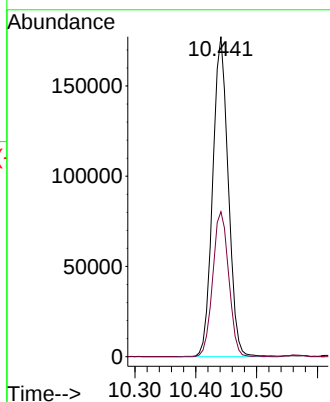
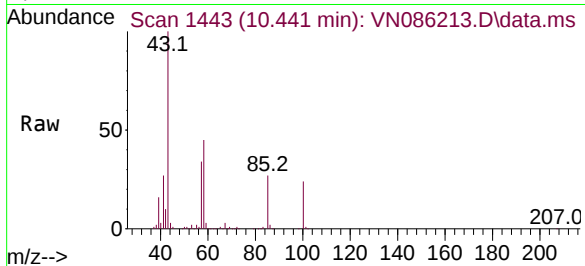




#51
4-Methyl-2-Pentanone
Concen: 220.228 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

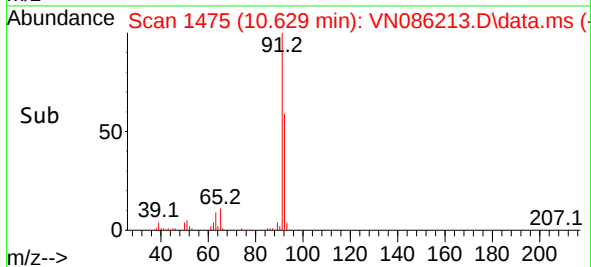
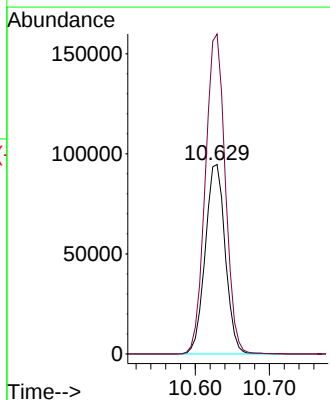
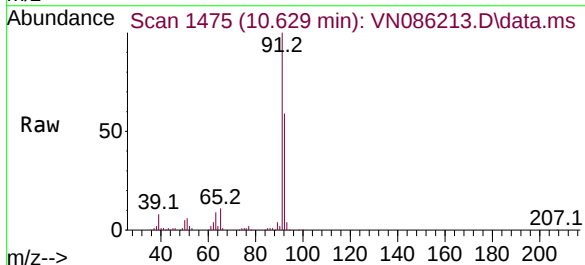
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

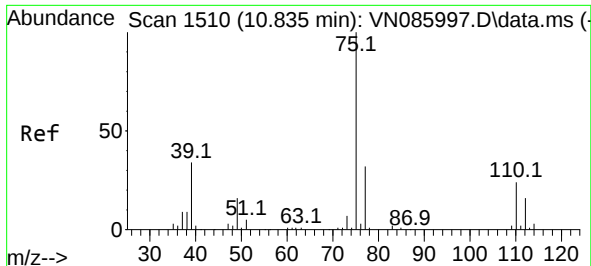
Tgt Ion: 43 Resp: 314750
Ion Ratio Lower Upper
43 100
58 46.4 37.4 56.0



#52
Toluene
Concen: 52.036 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 92 Resp: 177725
Ion Ratio Lower Upper
92 100
91 168.1 136.2 204.4

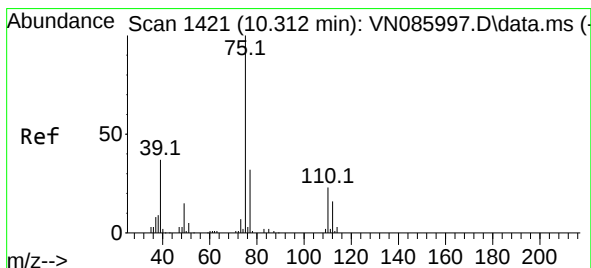
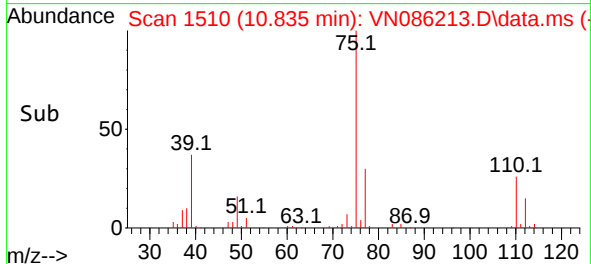
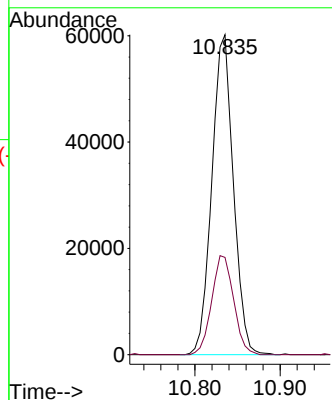
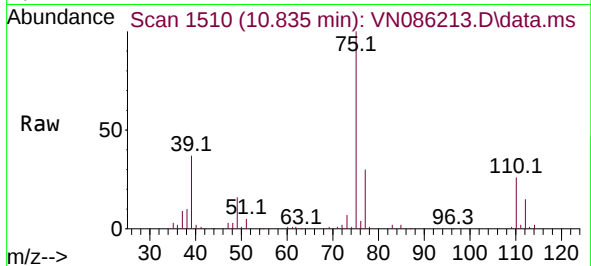




#53
t-1,3-Dichloropropene
Concen: 52.360 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

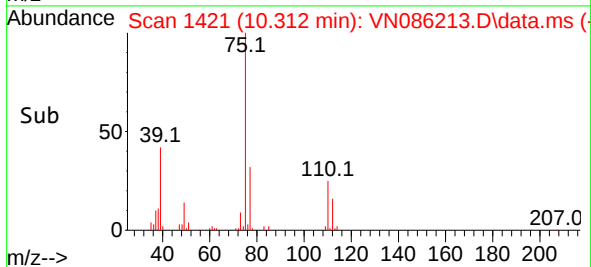
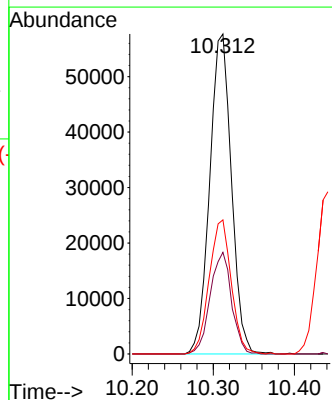
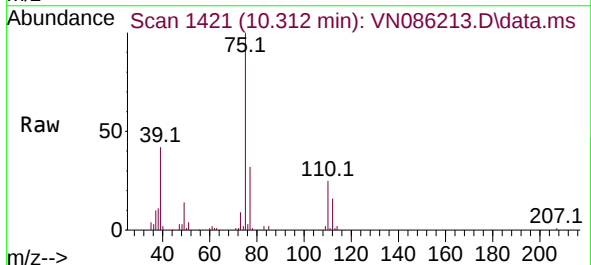
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

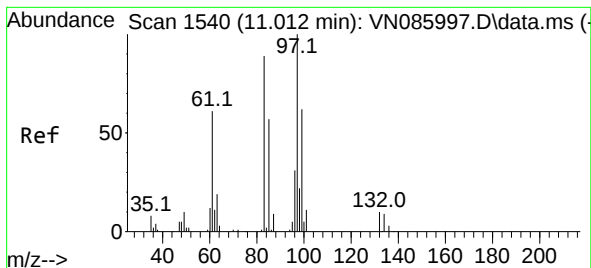
Tgt Ion: 75 Resp: 105784
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.196 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 75 Resp: 106996
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 41.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 47.980 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 62546

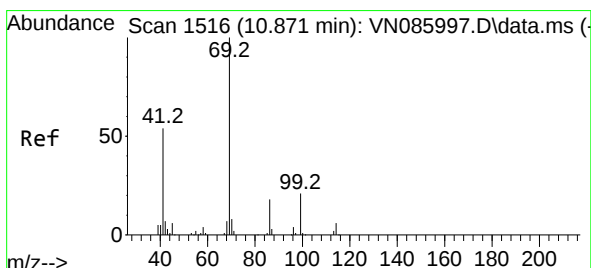
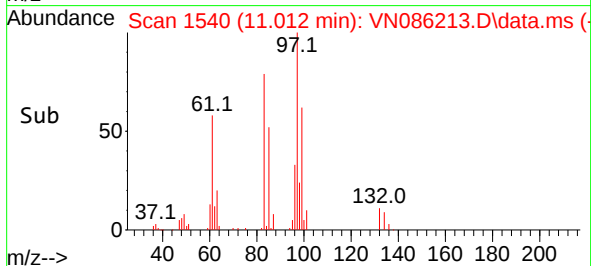
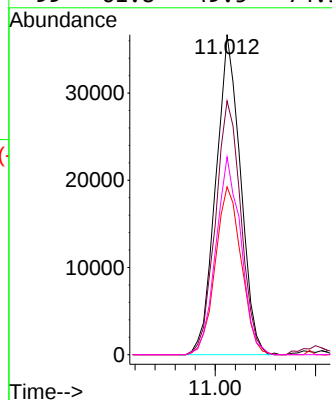
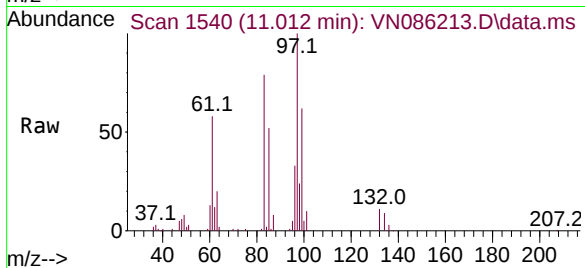
Ion Ratio Lower Upper

97 100

83 79.3 71.2 106.8

85 52.4 45.4 68.0

99 61.8 49.5 74.3



#56

Ethyl methacrylate

Concen: 48.402 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

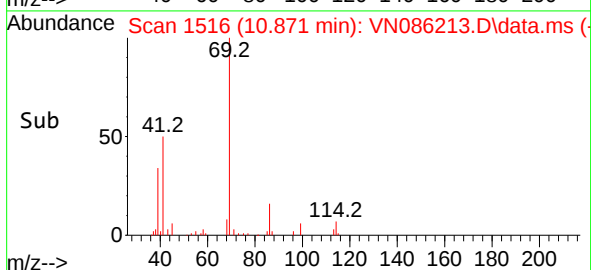
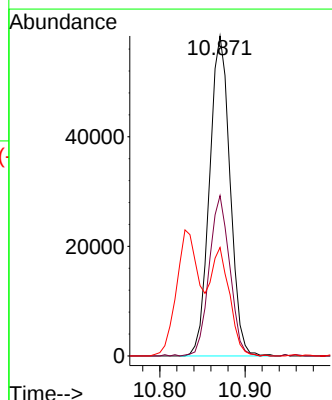
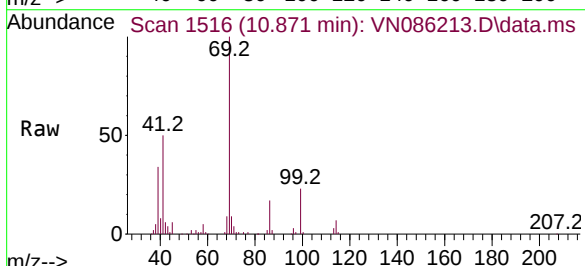
Tgt Ion: 69 Resp: 97788

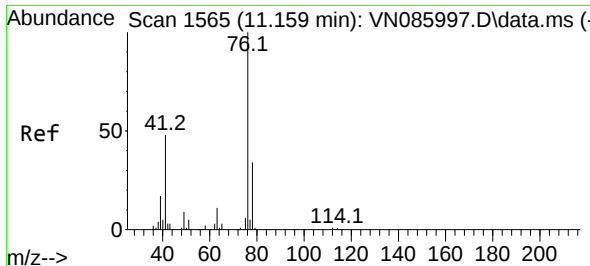
Ion Ratio Lower Upper

69 100

41 50.1 41.6 62.4

39 31.2 21.8 32.8





#57

1,3-Dichloropropane

Concen: 47.312 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

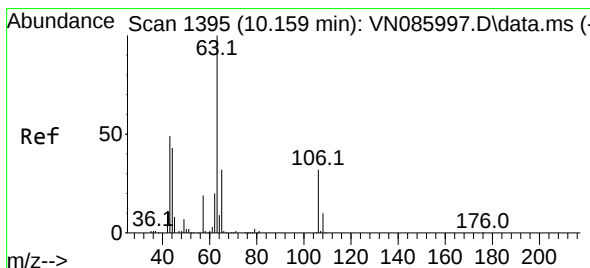
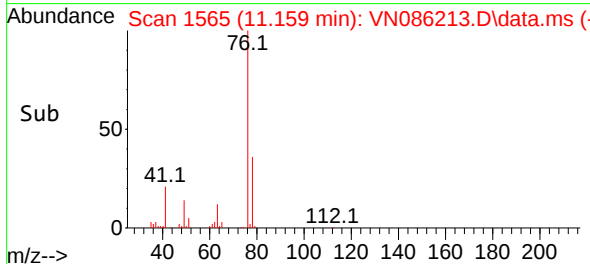
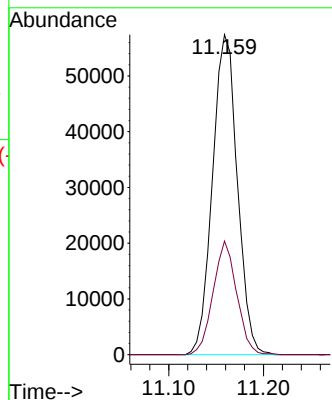
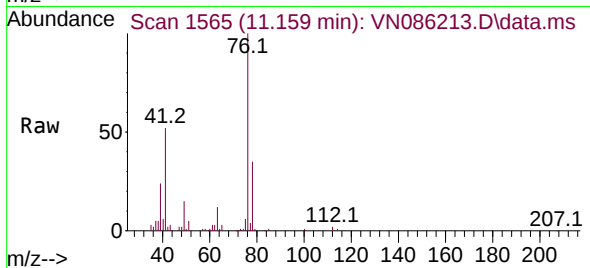
VSTDCCC050EC

Tgt Ion: 76 Resp: 104753

Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.849 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086213.D

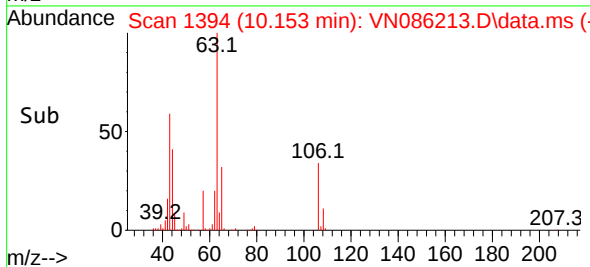
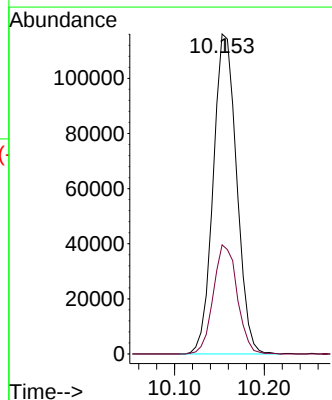
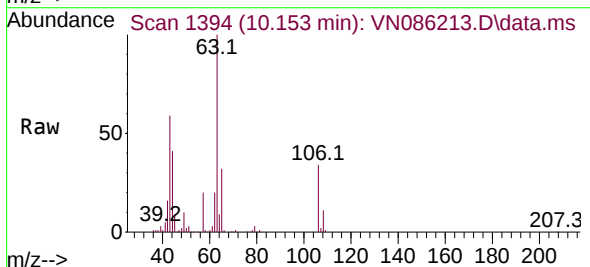
Acq: 02 Apr 2025 17:07

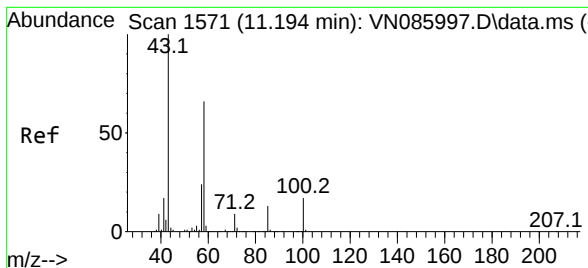
Tgt Ion: 63 Resp: 210625

Ion Ratio Lower Upper

63 100

106 34.7 25.0 37.6

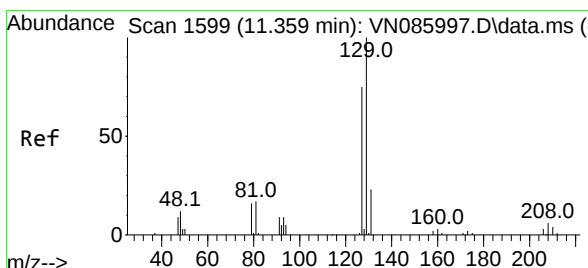
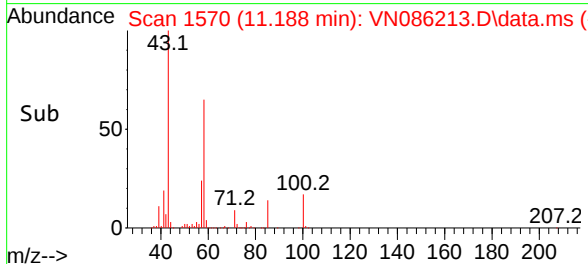
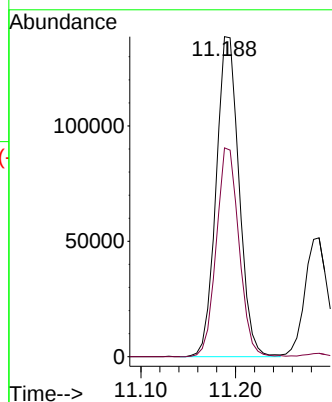
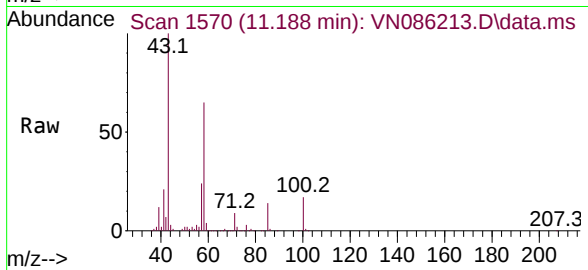




#59
2-Hexanone
Concen: 224.364 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

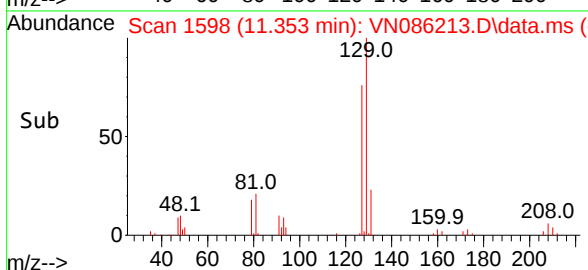
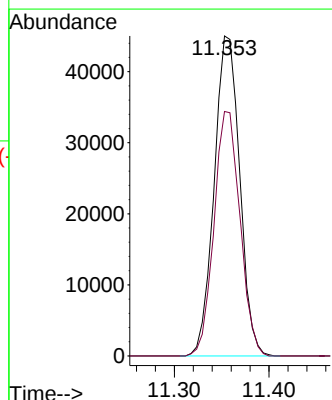
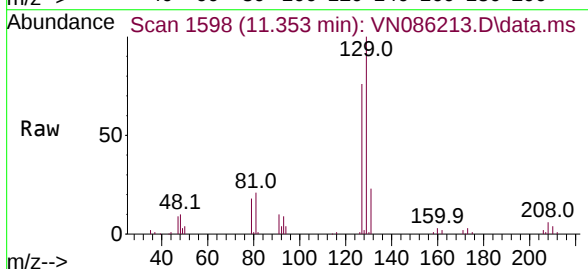
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

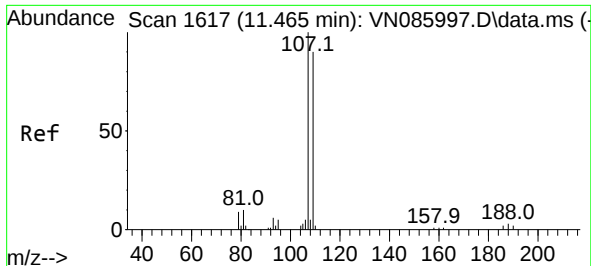
Tgt Ion: 43 Resp: 233599
Ion Ratio Lower Upper
43 100
58 64.5 32.4 97.2



#60
Dibromochloromethane
Concen: 50.181 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:129 Resp: 84411
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4

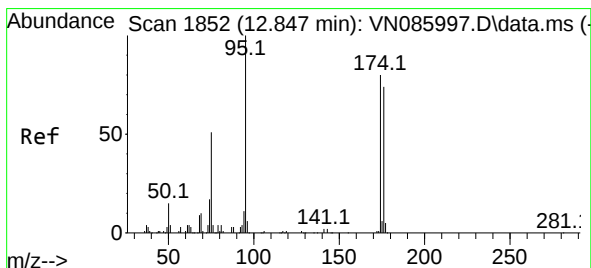
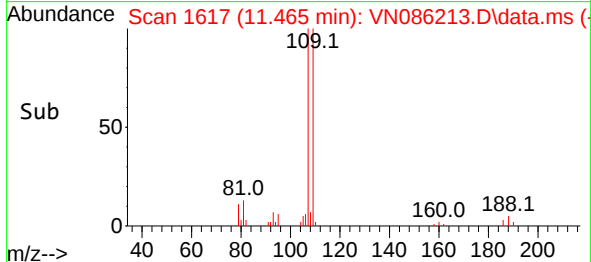
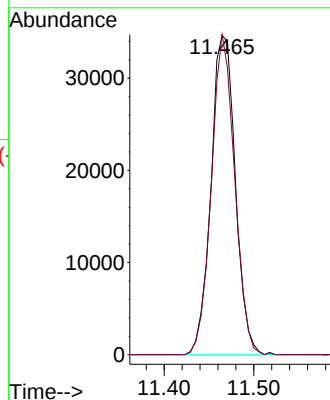
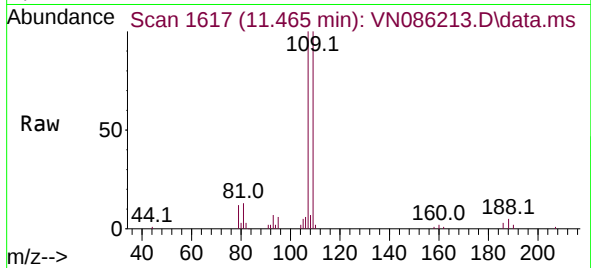




#61
1,2-Dibromoethane
Concen: 48.763 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

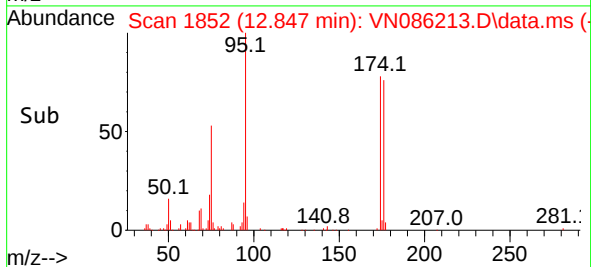
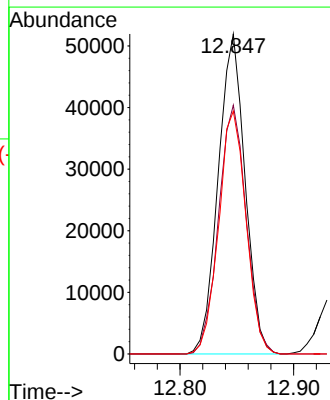
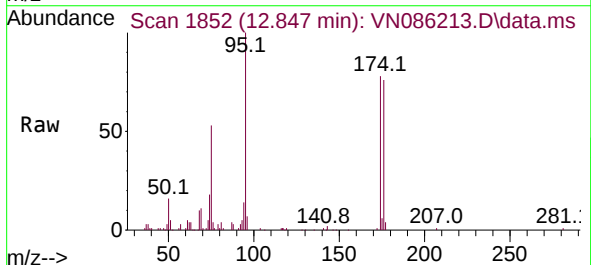
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

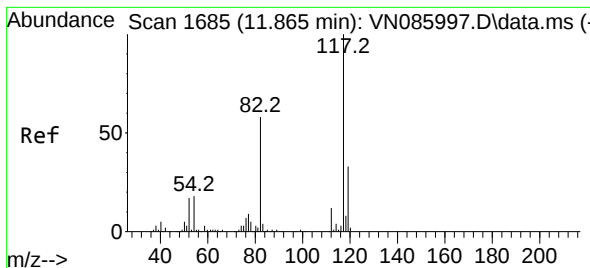
Tgt Ion:107 Resp: 65258
Ion Ratio Lower Upper
107 100
109 95.8 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 49.012 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 95 Resp: 85401
Ion Ratio Lower Upper
95 100
174 79.7 0.0 156.8
176 77.1 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

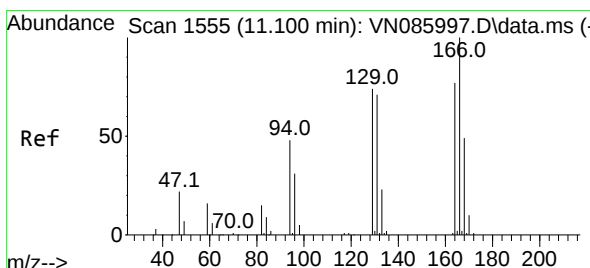
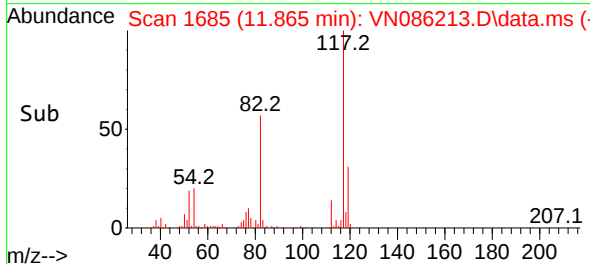
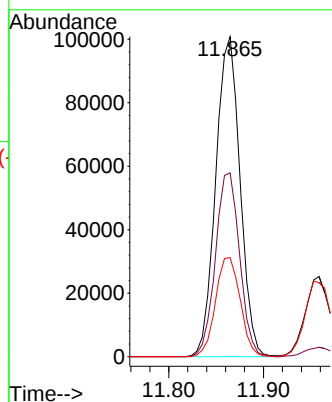
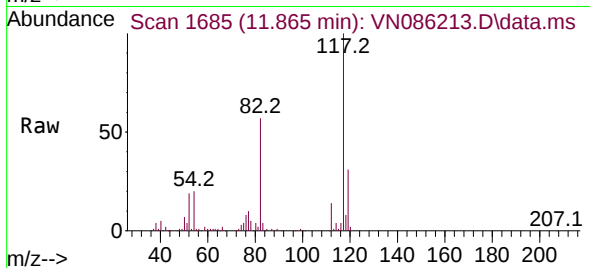
Tgt Ion:117 Resp: 179953

Ion Ratio Lower Upper

117 100

82 57.4 46.7 70.1

119 30.9 26.5 39.7



#64

Tetrachloroethene

Concen: 53.898 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Tgt Ion:164 Resp: 77371

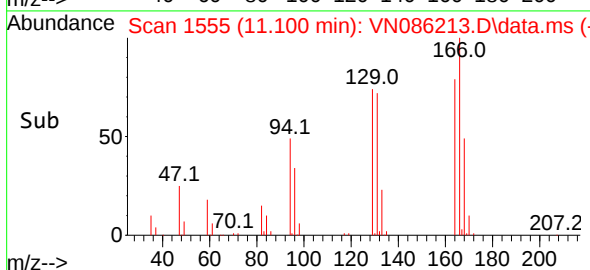
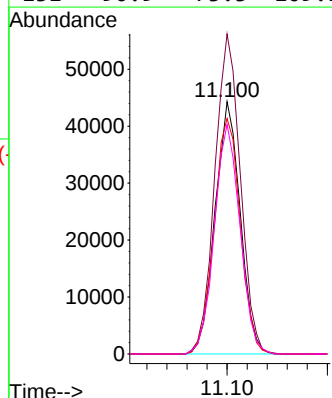
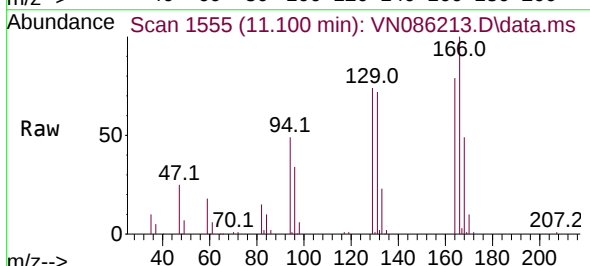
Ion Ratio Lower Upper

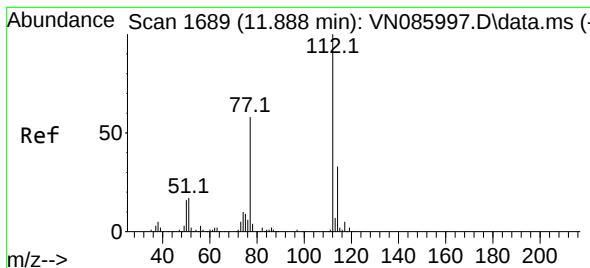
164 100

166 126.9 103.7 155.5

129 93.4 77.1 115.7

131 90.9 73.3 109.9





#65

Chlorobenzene

Concen: 46.951 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

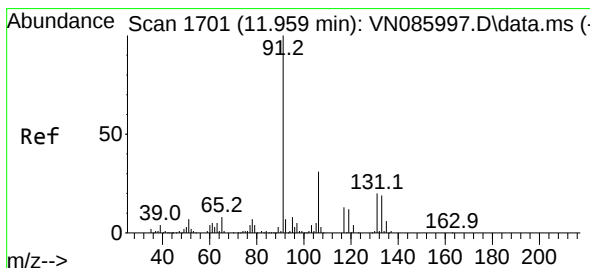
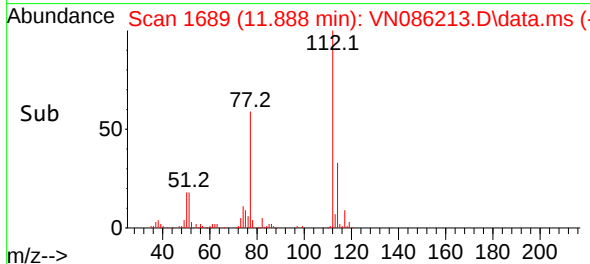
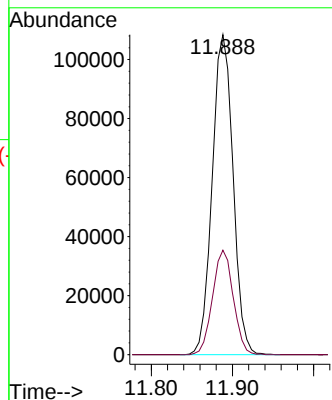
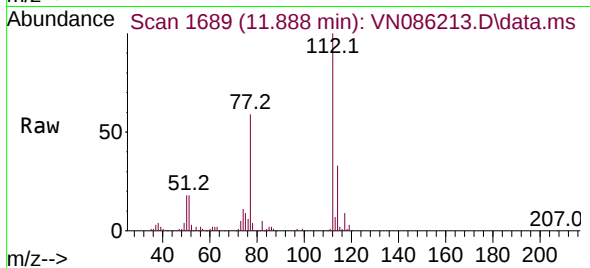
VSTDCCC050EC

Tgt Ion:112 Resp: 193335

Ion Ratio Lower Upper

112 100

114 32.6 26.3 39.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.818 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

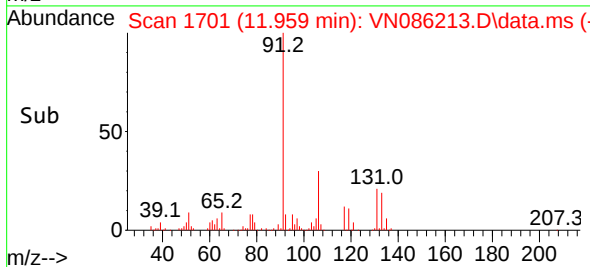
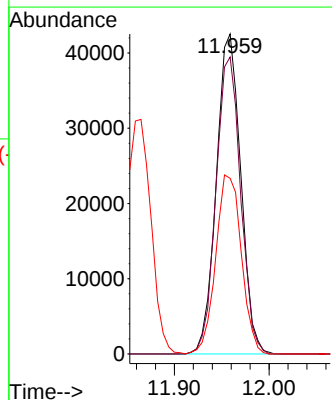
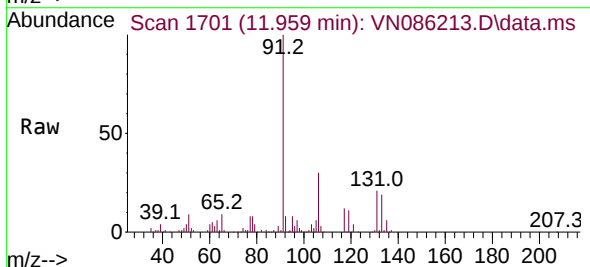
Tgt Ion:131 Resp: 76258

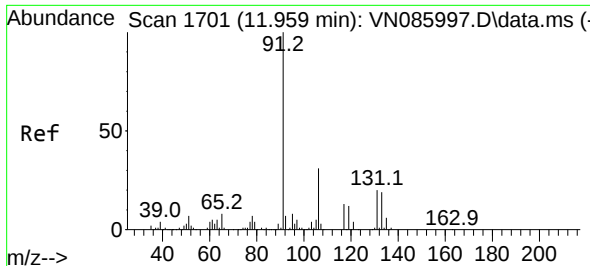
Ion Ratio Lower Upper

131 100

133 93.4 47.0 141.0

119 58.6 31.4 94.0

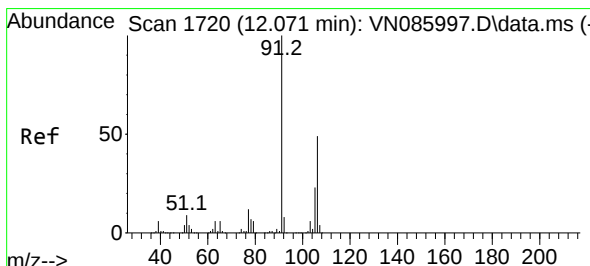
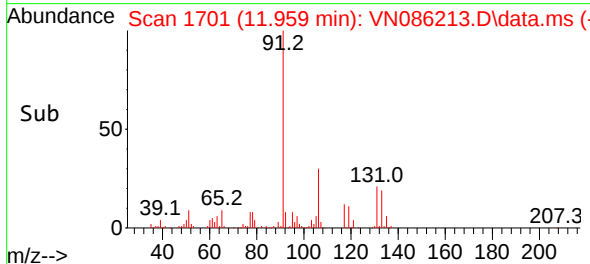
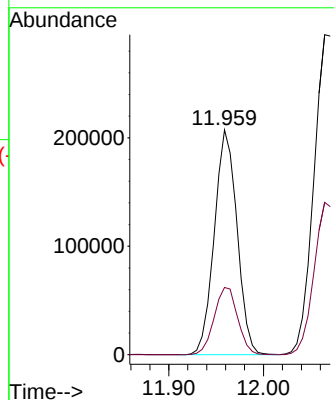
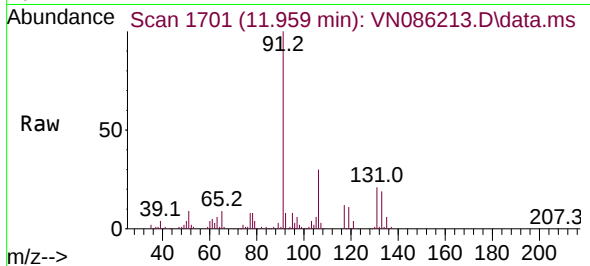




#67
Ethyl Benzene
Concen: 52.370 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

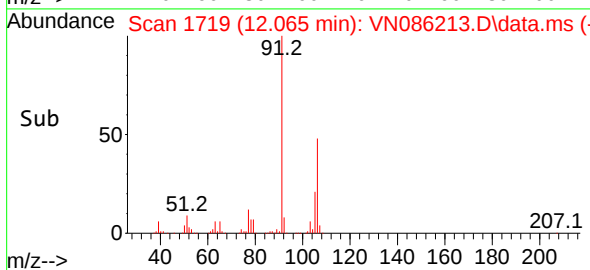
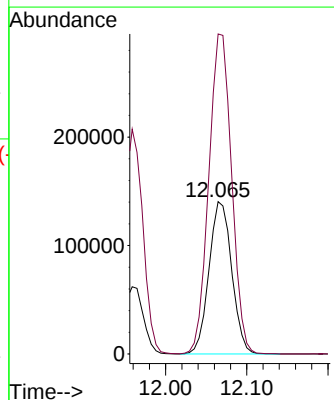
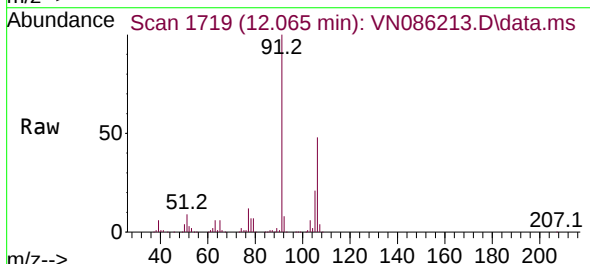
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

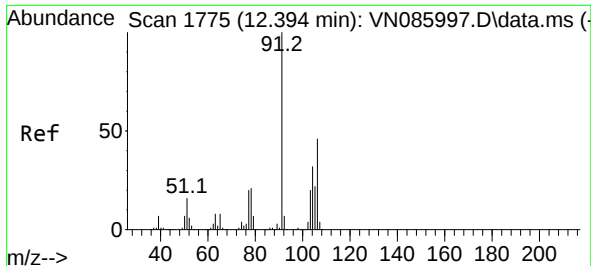
Tgt Ion: 91 Resp: 344959
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 105.524 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:106 Resp: 273198
Ion Ratio Lower Upper
106 100
91 211.1 163.9 245.9

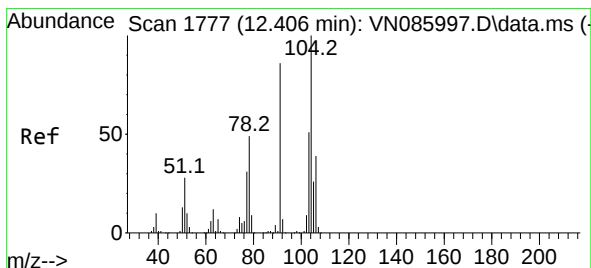
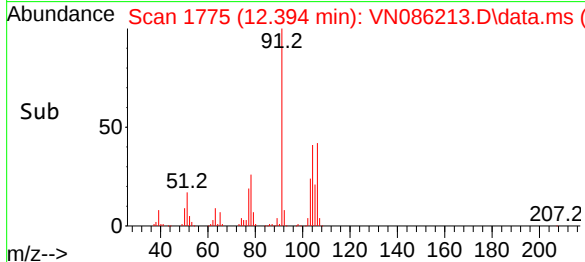
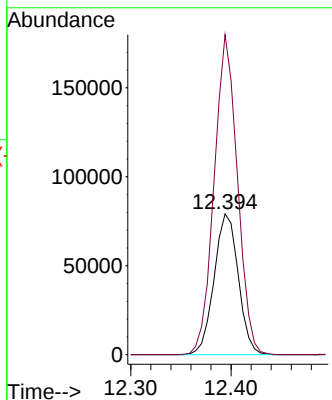
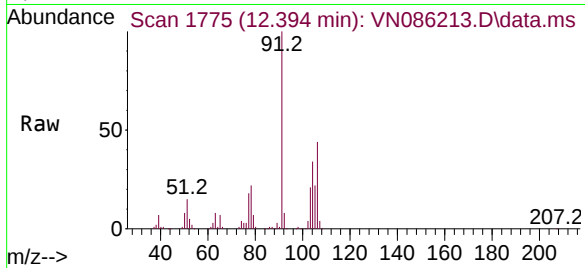




#69
o-Xylene
Concen: 55.647 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

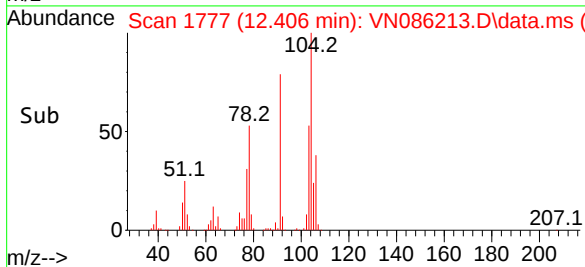
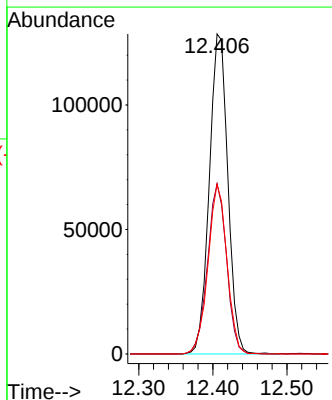
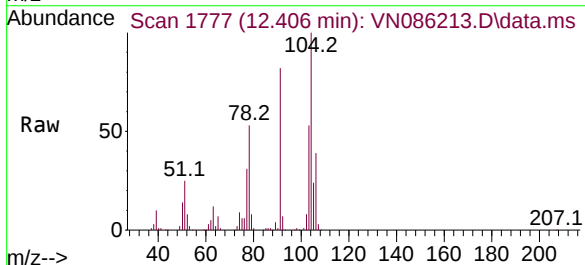
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

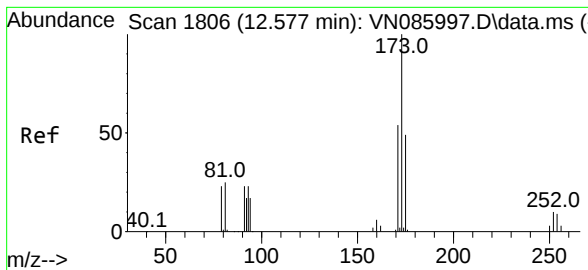
Tgt Ion:106 Resp: 132228
Ion Ratio Lower Upper
106 100
91 219.0 109.1 327.2



#70
Styrene
Concen: 55.025 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:104 Resp: 223326
Ion Ratio Lower Upper
104 100
78 54.5 41.4 62.2
103 54.0 42.9 64.3

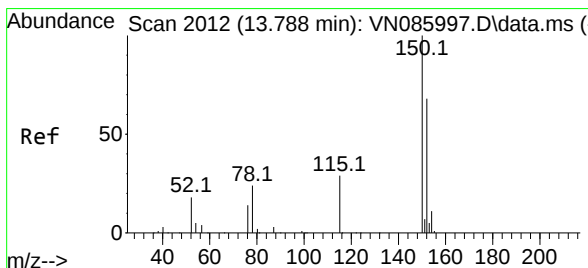
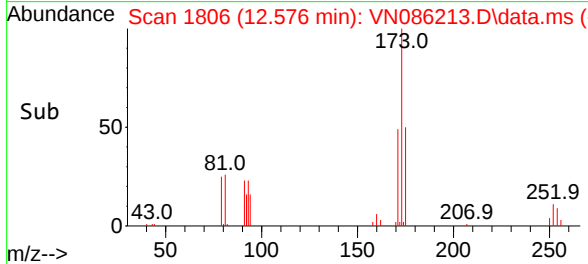
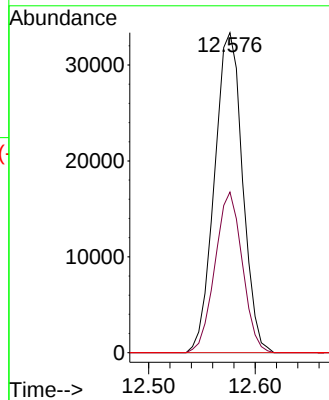
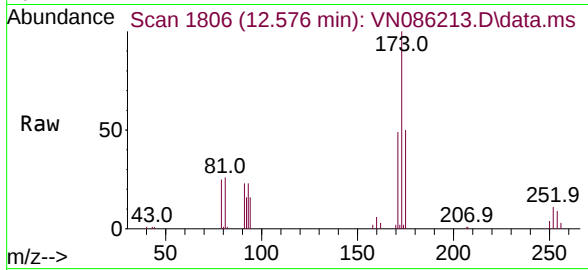




#71
Bromoform
Concen: 47.723 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

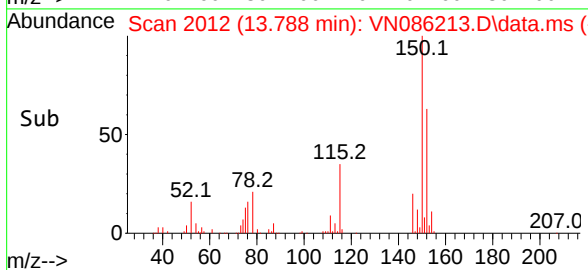
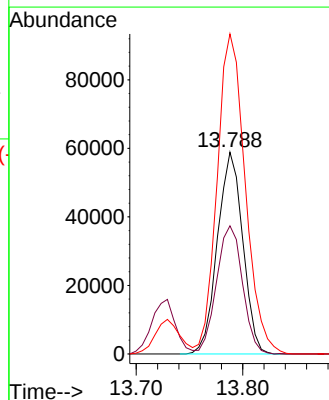
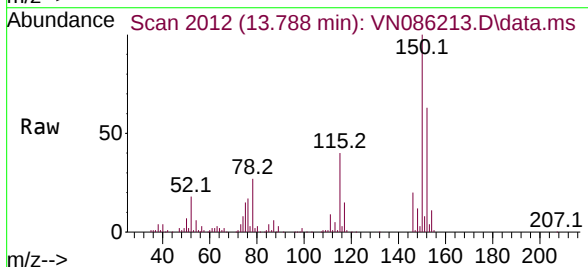
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

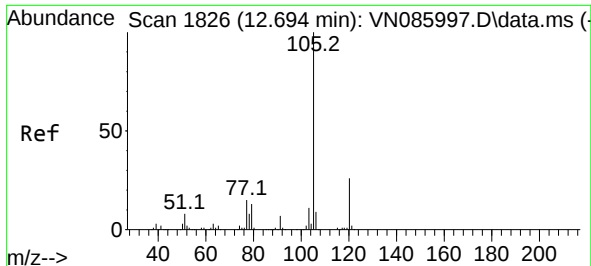
Tgt Ion:173 Resp: 61068
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:152 Resp: 97190
Ion Ratio Lower Upper
152 100
115 65.2 31.1 93.2
150 175.9 0.0 359.6

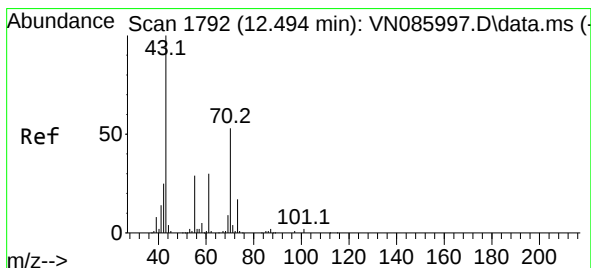
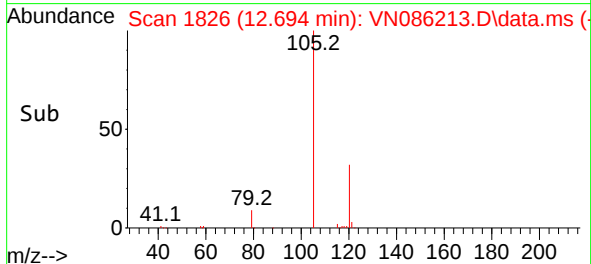
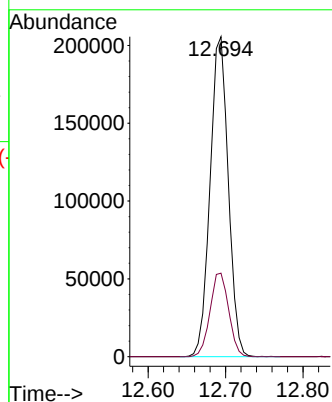
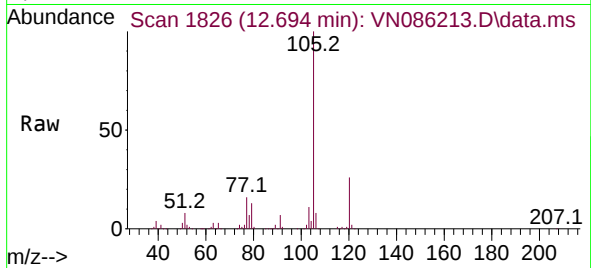




#73
Isopropylbenzene
Concen: 50.519 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

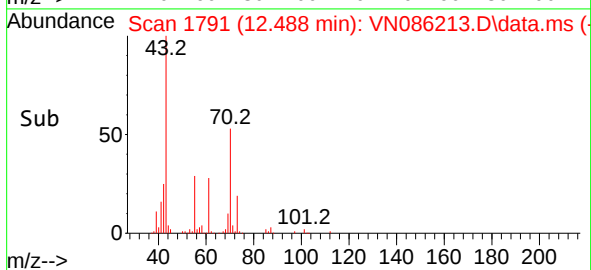
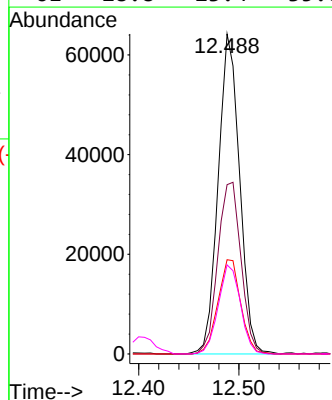
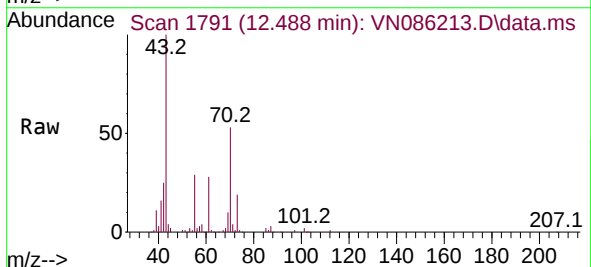
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

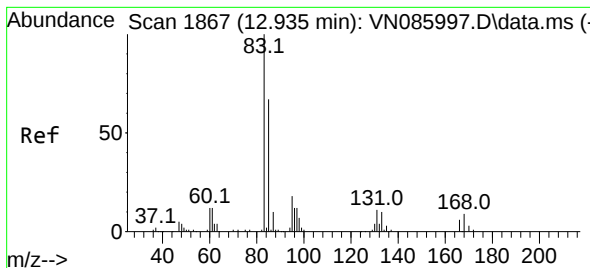
Tgt Ion:105 Resp: 335291
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0



#74
N-ethyl acetate
Concen: 42.835 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 43 Resp: 95116
Ion Ratio Lower Upper
43 100
70 58.1 43.0 64.4
55 31.4 23.8 35.8
61 28.8 23.4 35.0

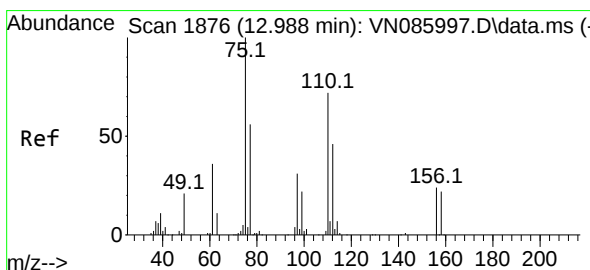
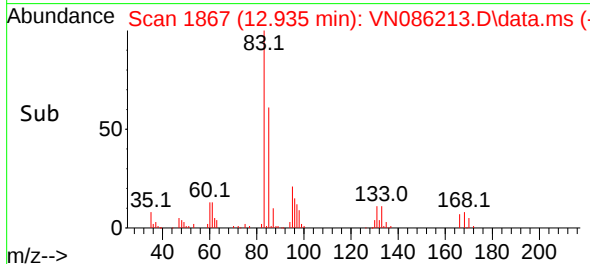
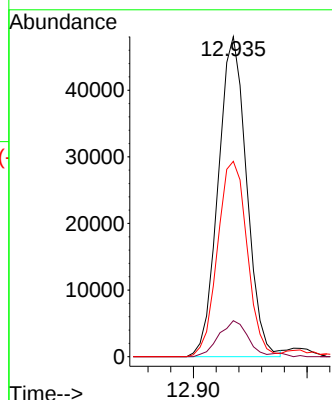
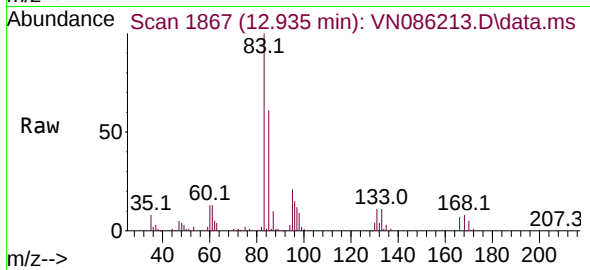




#75
1,1,2-Tetrachloroethane
Concen: 37.157 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

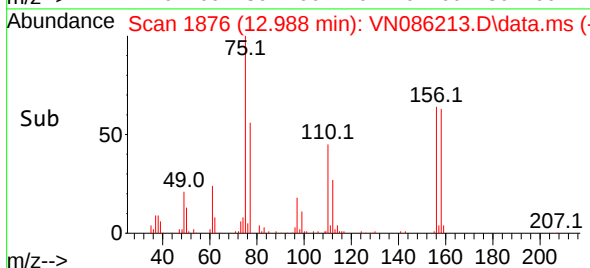
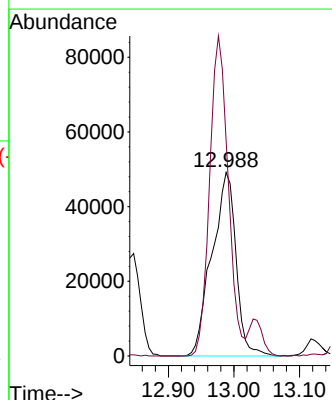
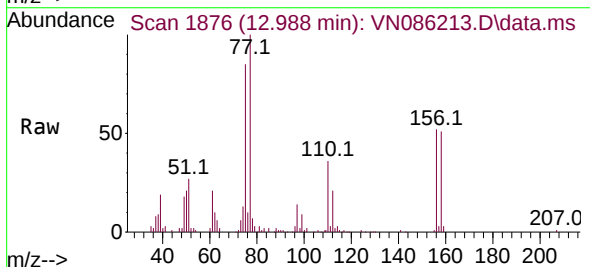
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

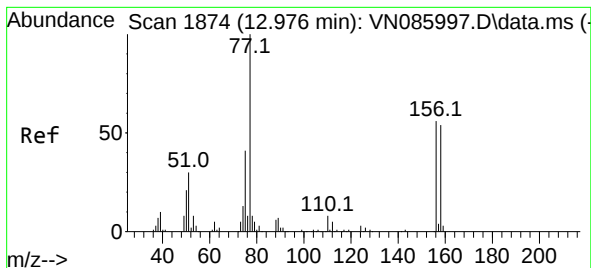
Tgt Ion: 83 Resp: 83431
Ion Ratio Lower Upper
83 100
131 12.0 5.5 16.5
85 63.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 57.554 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 75 Resp: 125231
Ion Ratio Lower Upper
75 100
77 135.2 83.7 251.0





#77

Bromobenzene

Concen: 46.663 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

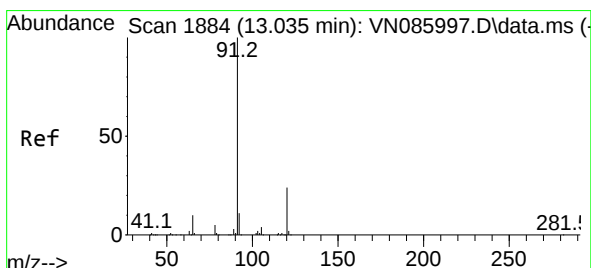
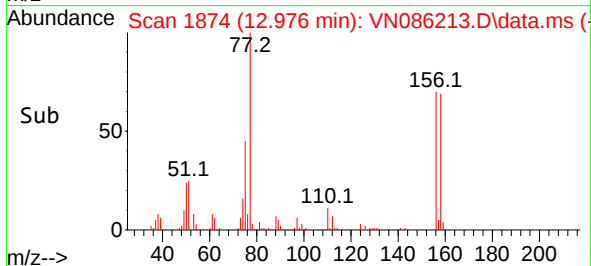
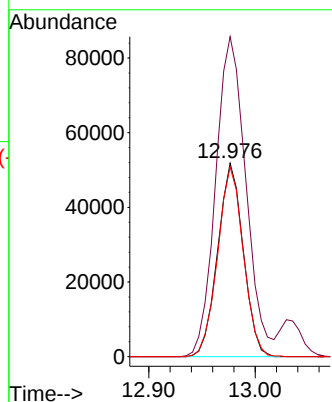
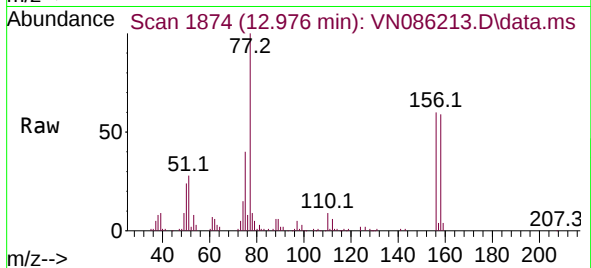
Tgt Ion:156 Resp: 86356

Ion Ratio Lower Upper

156 100

77 196.0 104.1 312.3

158 98.6 49.0 147.0



#78

n-propylbenzene

Concen: 50.169 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086213.D

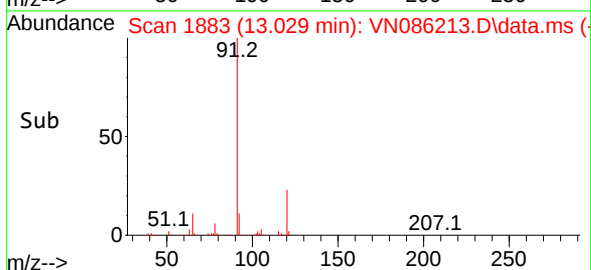
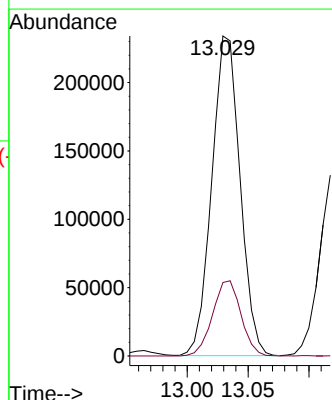
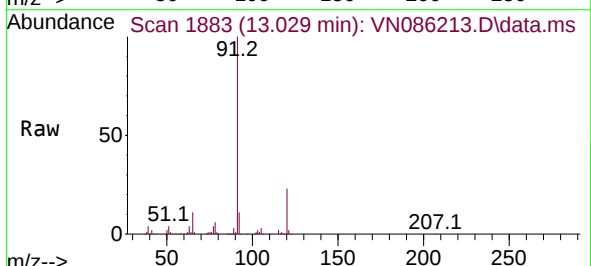
Acq: 02 Apr 2025 17:07

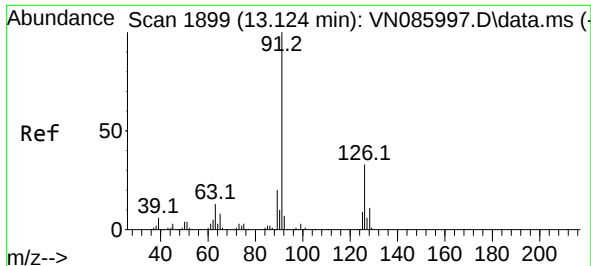
Tgt Ion: 91 Resp: 377038

Ion Ratio Lower Upper

91 100

120 23.7 11.7 35.0

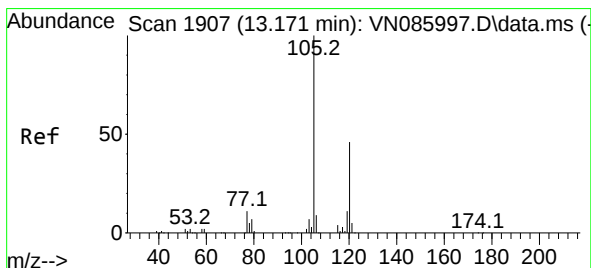
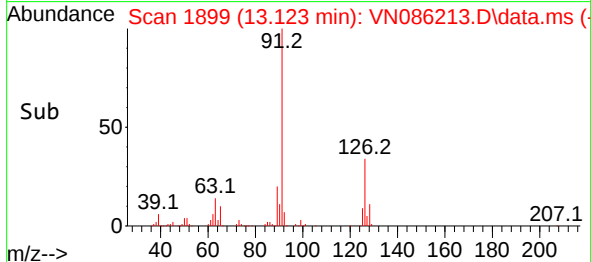
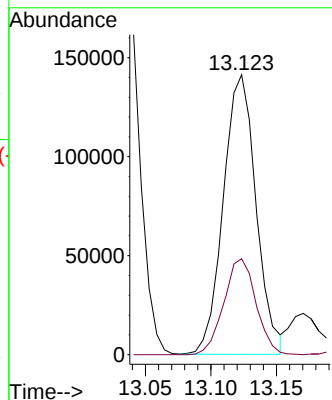
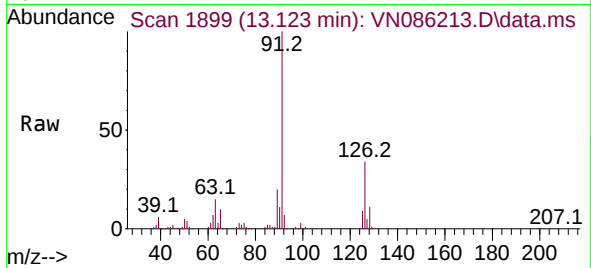




#79
2-Chlorotoluene
Concen: 49.131 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

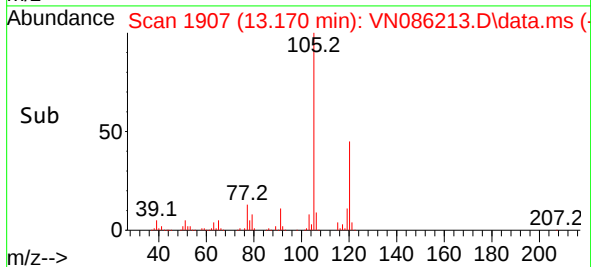
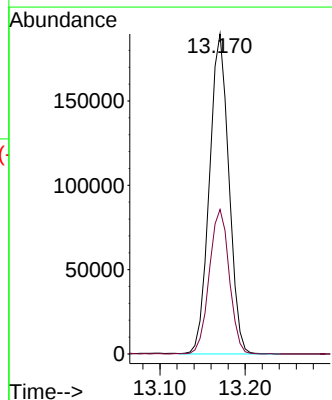
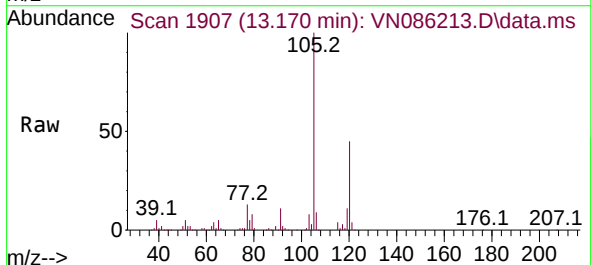
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

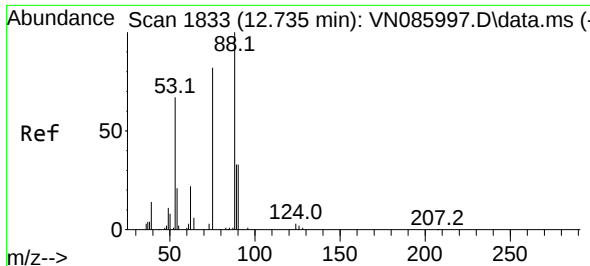
Tgt Ion: 91 Resp: 245254
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 53.689 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 105 Resp: 300848
Ion Ratio Lower Upper
105 100
120 46.3 23.7 71.1

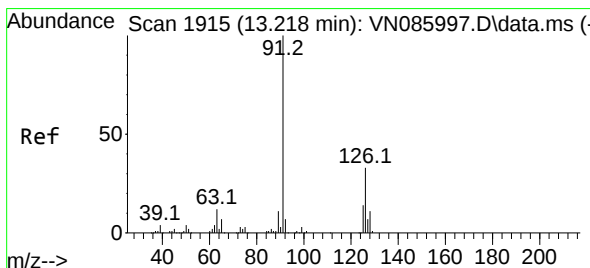
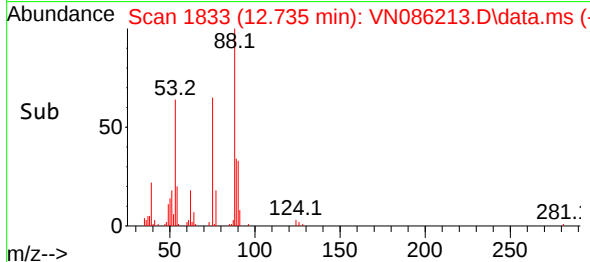
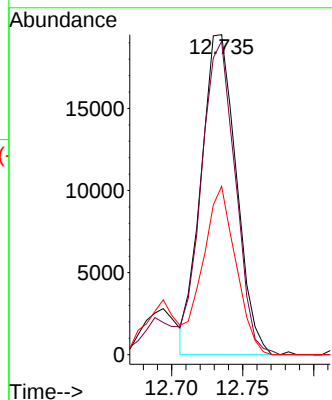
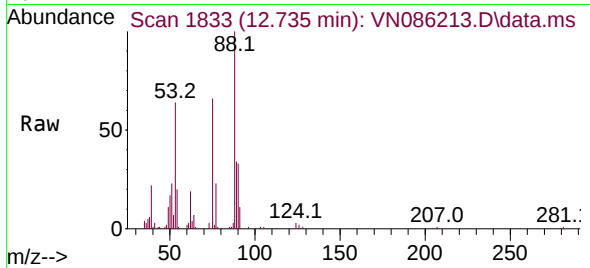




#81
trans-1,4-Dichloro-2-butene
Concen: 40.958 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

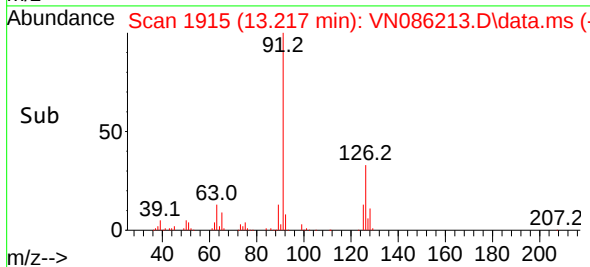
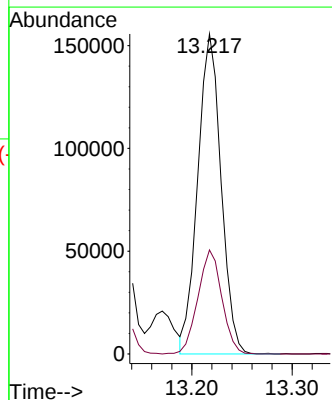
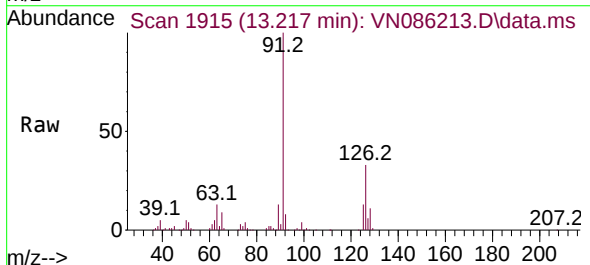
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

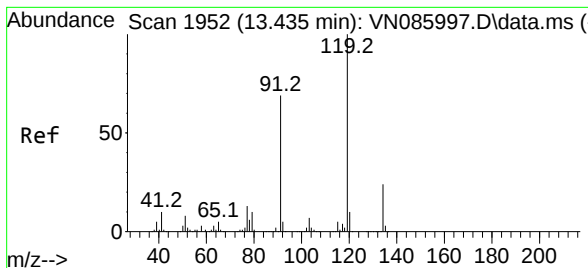
Tgt Ion: 75 Resp: 33709
Ion Ratio Lower Upper
75 100
53 94.1 66.0 99.0
89 49.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.075 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 91 Resp: 251922
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 51.377 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

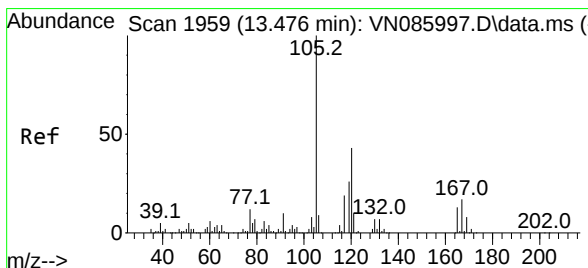
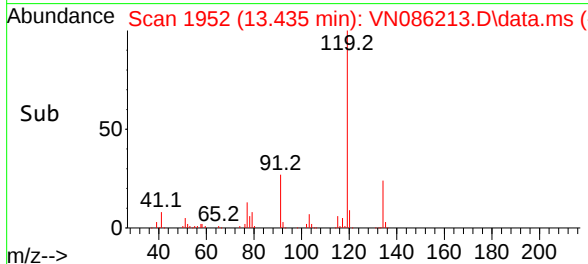
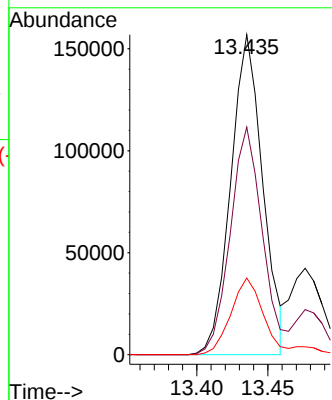
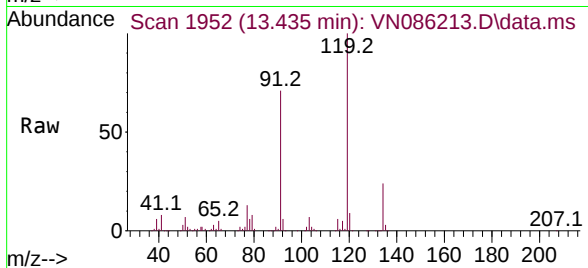
Tgt Ion:119 Resp: 246223

Ion Ratio Lower Upper

119 100

91 72.2 34.3 102.9

134 24.1 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 53.973 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086213.D

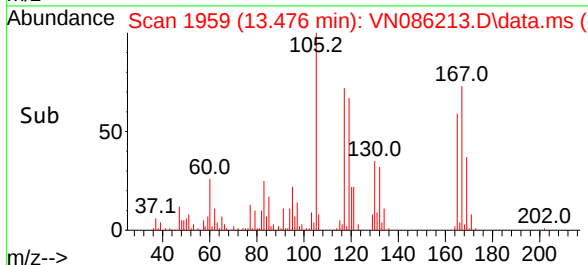
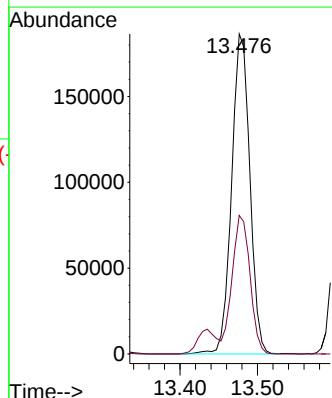
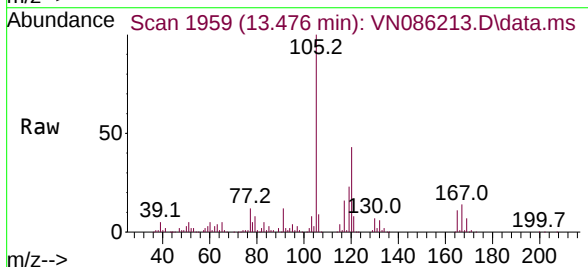
Acq: 02 Apr 2025 17:07

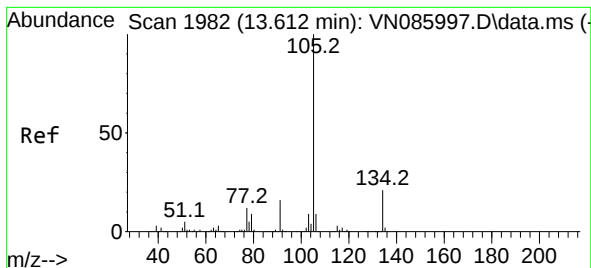
Tgt Ion:105 Resp: 305043

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 52.467 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

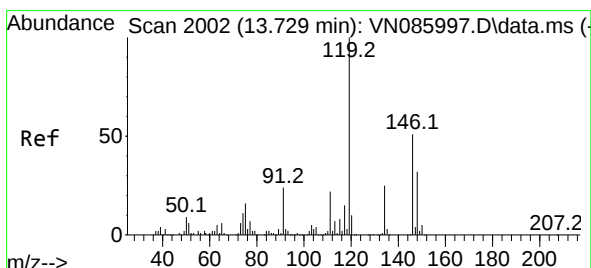
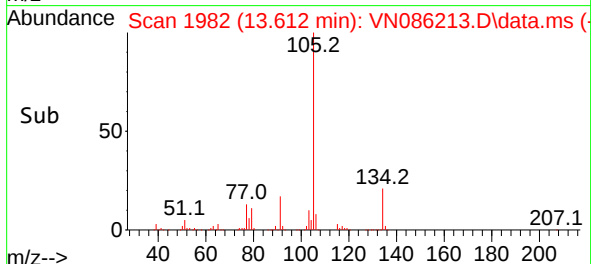
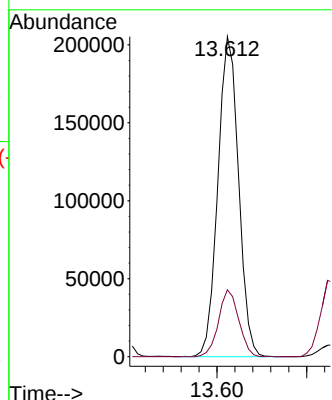
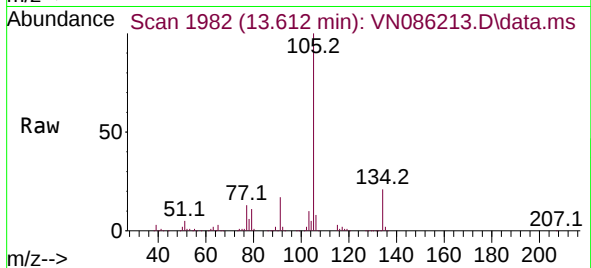
VSTDCCC050EC

Tgt Ion:105 Resp: 328018

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.541 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

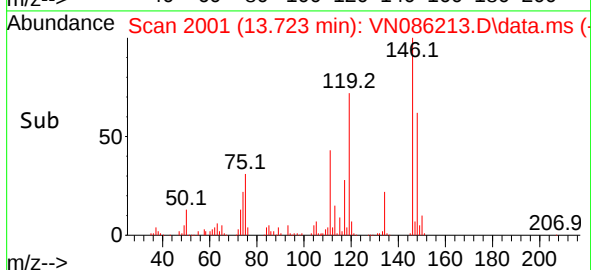
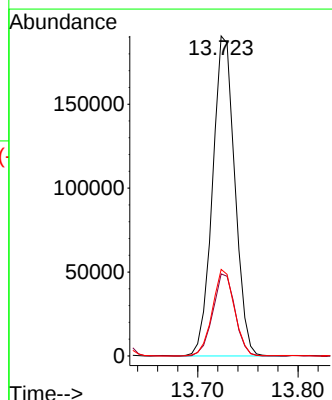
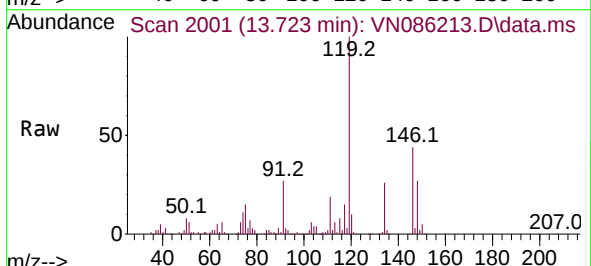
Tgt Ion:119 Resp: 293941

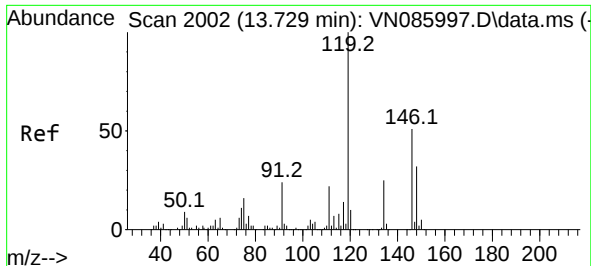
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 26.7 12.3 36.8

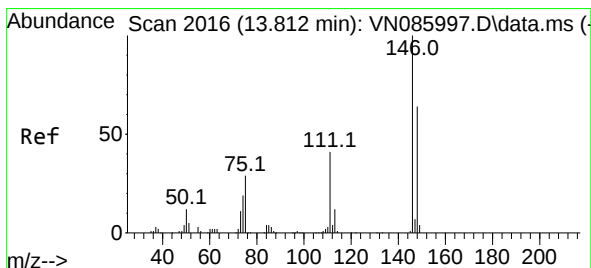
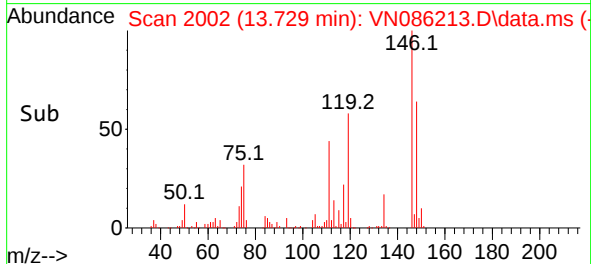
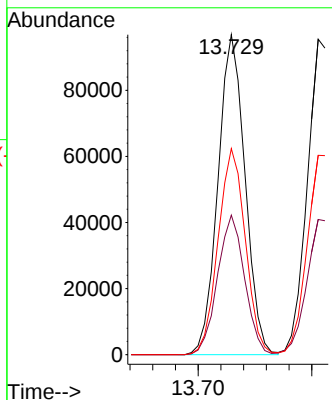
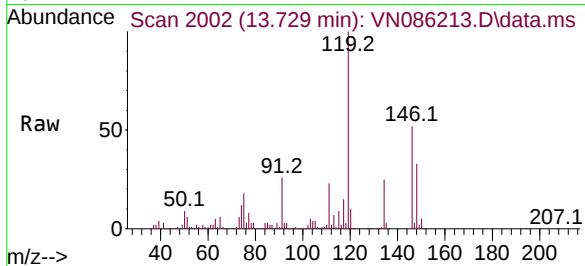




#87
1,3-Dichlorobenzene
Concen: 48.065 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

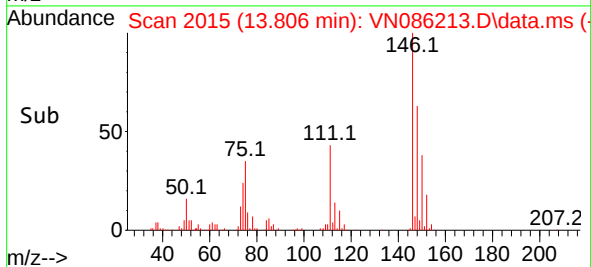
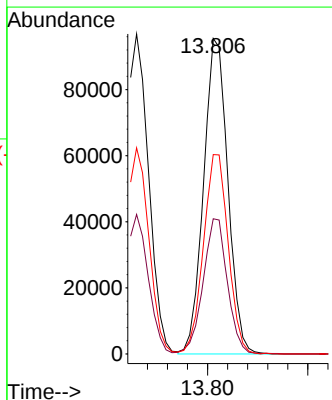
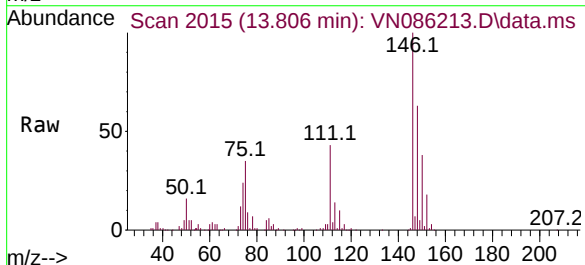
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

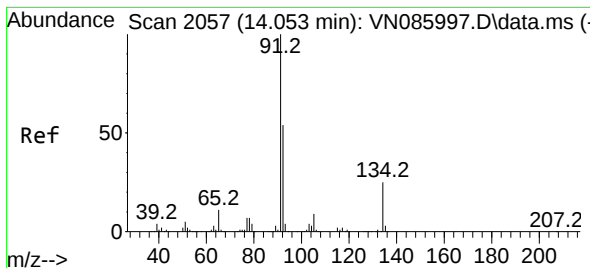
Tgt Ion:146 Resp: 160337
Ion Ratio Lower Upper
146 100
111 43.7 21.2 63.6
148 64.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 45.813 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:146 Resp: 160564
Ion Ratio Lower Upper
146 100
111 43.0 20.4 61.3
148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 53.311 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086213.D

Acq: 02 Apr 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

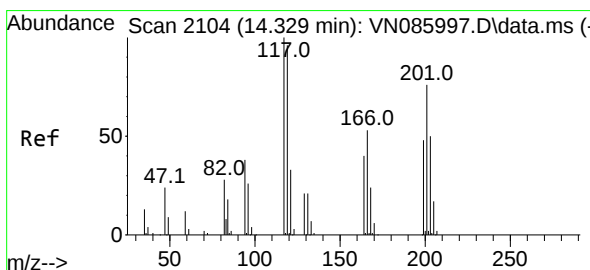
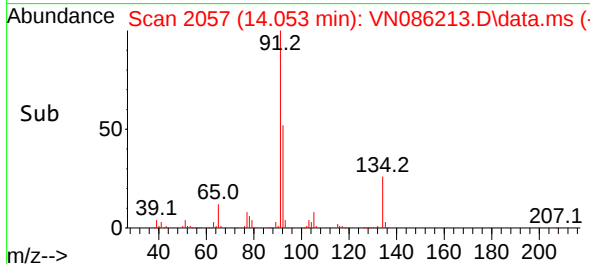
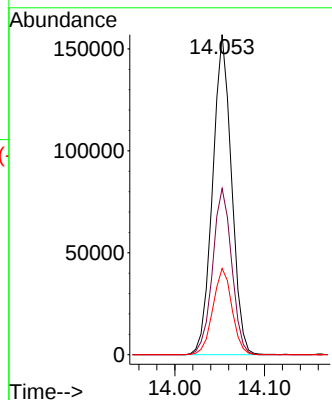
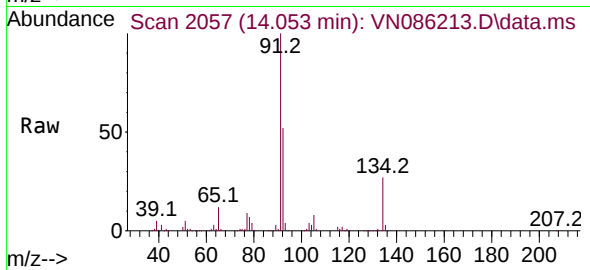
Tgt Ion: 91 Resp: 229753

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.6

134 27.1 13.0 39.0



#90

Hexachloroethane

Concen: 38.826 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086213.D

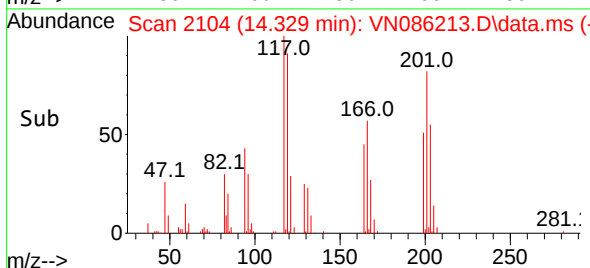
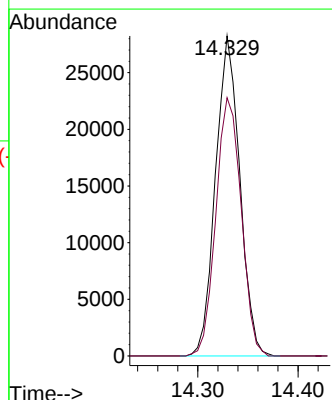
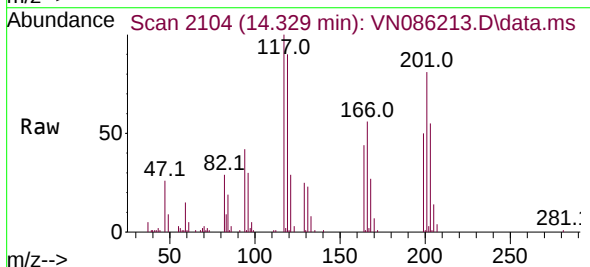
Acq: 02 Apr 2025 17:07

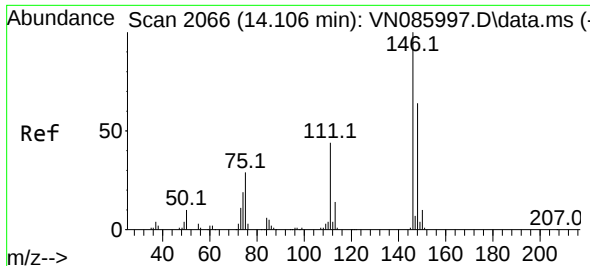
Tgt Ion: 117 Resp: 47413

Ion Ratio Lower Upper

117 100

201 84.2 39.1 117.3

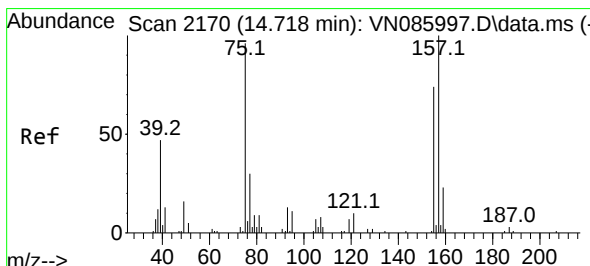
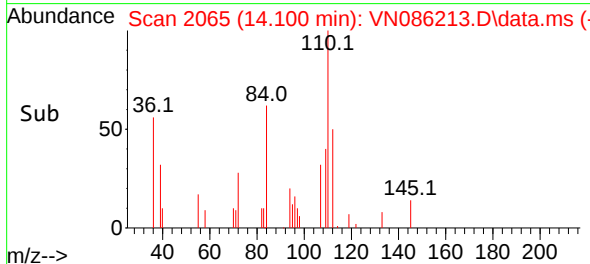
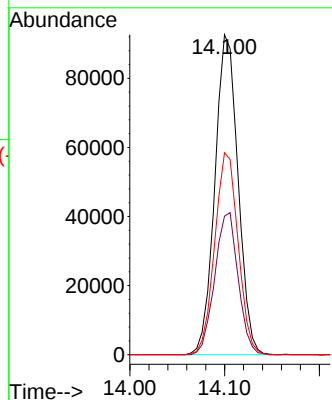
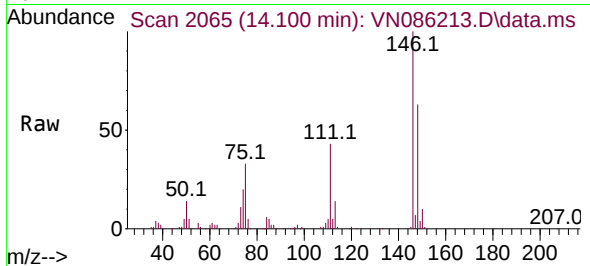




#91
1,2-Dichlorobenzene
Concen: 47.434 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

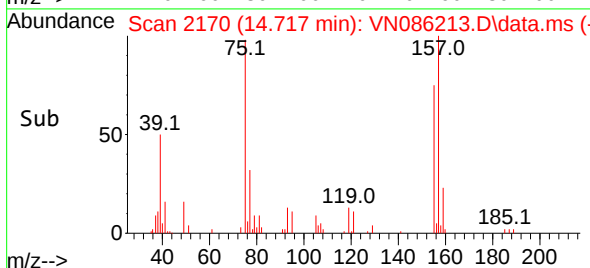
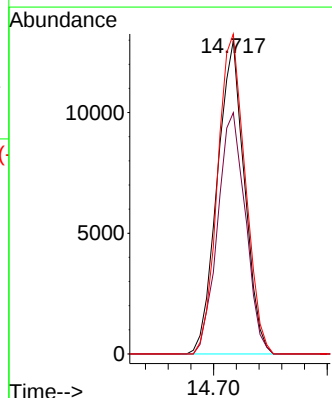
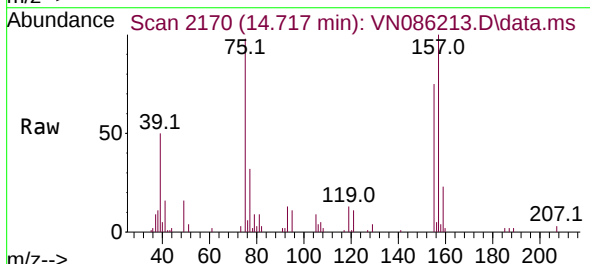
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

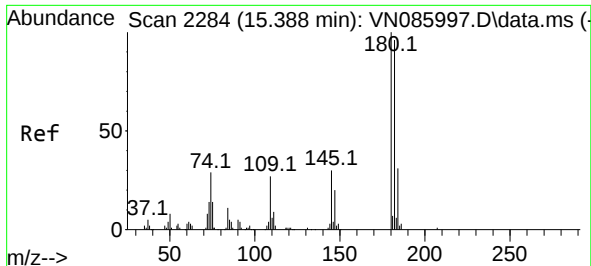
Tgt Ion:146 Resp: 157297
Ion Ratio Lower Upper
146 100
111 44.8 22.3 66.8
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.062 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion: 75 Resp: 21542
Ion Ratio Lower Upper
75 100
155 78.7 41.0 123.0
157 103.6 53.7 161.1

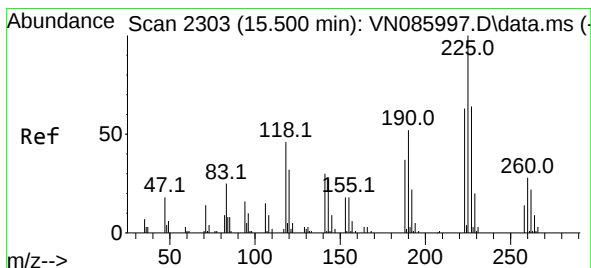
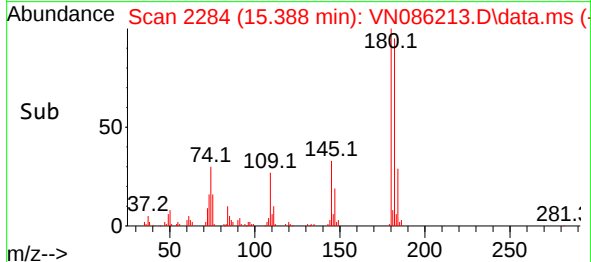
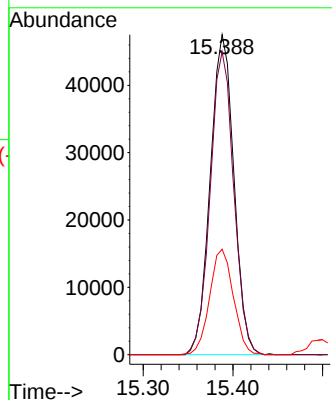
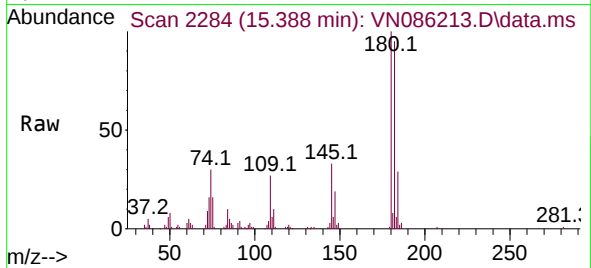




#93
1,2,4-Trichlorobenzene
Concen: 52.057 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

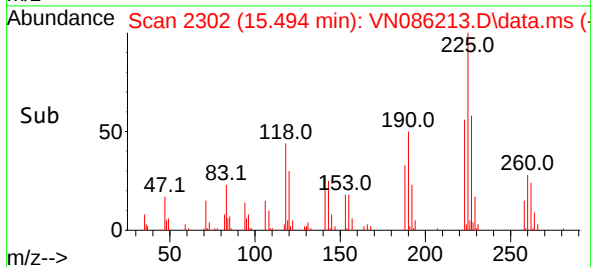
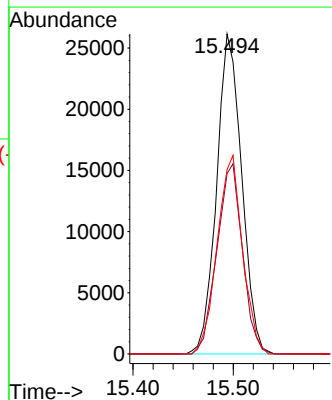
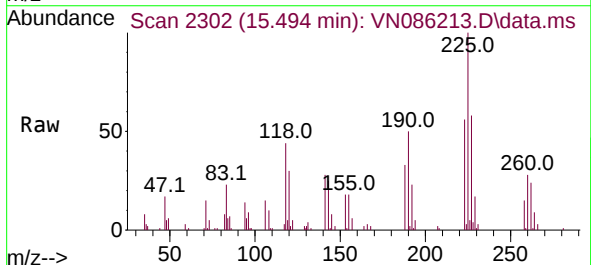
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

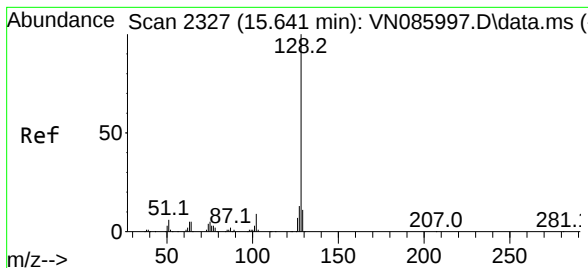
Tgt Ion:180 Resp: 86800
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 33.2 15.5 46.5



#94
Hexachlorobutadiene
Concen: 46.988 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:225 Resp: 45455
Ion Ratio Lower Upper
225 100
223 60.4 31.3 93.9
227 62.5 32.1 96.3

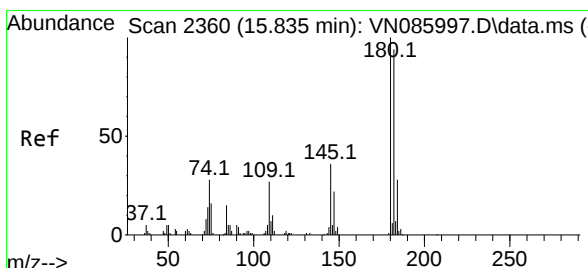
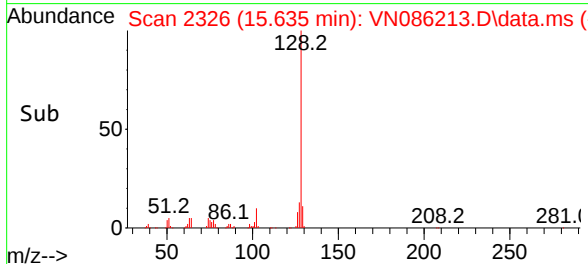
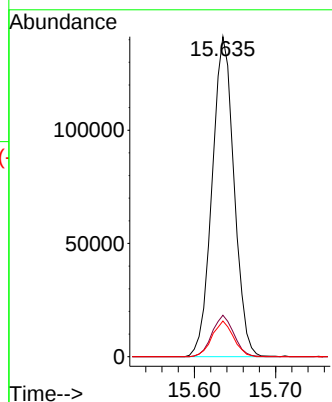
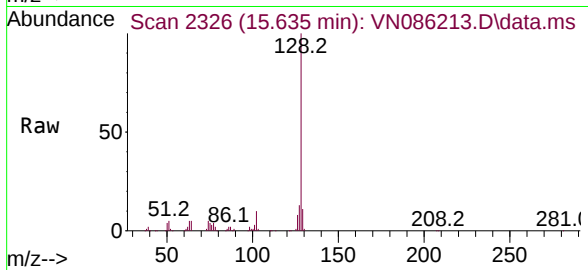




#95
Naphthalene
Concen: 54.980 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 265455
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 51.980 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086213.D
Acq: 02 Apr 2025 17:07

Tgt Ion:180 Resp: 82241
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 36.2 17.7 53.1

