

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083973.D
 Acq On : 18 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 09:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132012	49.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.100%
35) Dibromofluoromethane	8.171	113	98582	49.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.565	98	357168	51.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.847	95	141820	49.572	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96630	47.089	ug/l	96
3) Chloromethane	2.360	50	107967	51.581	ug/l	99
4) Vinyl Chloride	2.518	62	113363	50.400	ug/l	98
5) Bromomethane	2.948	94	70888	54.891	ug/l	99
6) Chloroethane	3.118	64	73007	46.272	ug/l	94
7) Trichlorofluoromethane	3.495	101	184800	48.402	ug/l	96
8) Diethyl Ether	3.965	74	68214	53.299	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	97950	48.401	ug/l	97
10) Methyl Iodide	4.589	142	132440	51.458	ug/l	98
11) Tert butyl alcohol	5.518	59	111985	313.873	ug/l	99
12) 1,1-Dichloroethene	4.342	96	98443	51.509	ug/l	96
13) Acrolein	4.177	56	79035	224.514	ug/l	99
14) Allyl chloride	5.024	41	151823	44.582	ug/l	92
15) Acrylonitrile	5.718	53	265676	273.814	ug/l	99
16) Acetone	4.424	43	233504	218.620	ug/l	100
17) Carbon Disulfide	4.718	76	244930	45.814	ug/l	98
18) Methyl Acetate	5.024	43	150423	68.272	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	369950	53.493	ug/l	97
20) Methylene Chloride	5.271	84	111619	51.068	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	101352	49.483	ug/l	92
22) Diisopropyl ether	6.677	45	375114	53.509	ug/l	97
23) Vinyl Acetate	6.600	43	1291807	251.631	ug/l	99
24) 1,1-Dichloroethane	6.571	63	202195	50.064	ug/l	99
25) 2-Butanone	7.483	43	360221	256.600	ug/l	97
26) 2,2-Dichloropropane	7.489	77	114008	30.652	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	123574	50.824	ug/l	97
28) Bromochloromethane	7.812	49	82887	48.734	ug/l	99
29) Tetrahydrofuran	7.836	42	233390	281.169	ug/l	99
30) Chloroform	7.965	83	214340	49.989	ug/l	97
31) Cyclohexane	8.259	56	171163	44.449	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	197777	50.164	ug/l	99
36) 1,1-Dichloropropene	8.371	75	148248	49.105	ug/l	100
37) Ethyl Acetate	7.559	43	148959	54.357	ug/l	99
38) Carbon Tetrachloride	8.359	117	168151	49.094	ug/l	99
39) Methylcyclohexane	9.600	83	165105	48.046	ug/l	99
40) Benzene	8.606	78	448845	49.395	ug/l	100

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 ALS Vial : 49 Sample Multiplier: 1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87644	54.074	ug/l	99
42) 1,2-Dichloroethane	8.671	62	170534	50.224	ug/l	99
43) Isopropyl Acetate	8.688	43	271240	54.620	ug/l	98
44) Trichloroethene	9.353	130	107781	51.220	ug/l	95
45) 1,2-Dichloropropane	9.618	63	110067	50.116	ug/l	95
46) Dibromomethane	9.706	93	80098	52.068	ug/l	99
47) Bromodichloromethane	9.888	83	170205	51.124	ug/l	98
48) Methyl methacrylate	9.677	41	130340	55.322	ug/l	98
49) 1,4-Dioxane	9.694	88	42399	1093.936	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	762776	282.175	ug/l	99
52) Toluene	10.630	92	285959	51.448	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	166614	49.373	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	175187	49.421	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	106183	51.172	ug/l	98
56) Ethyl methacrylate	10.871	69	187496	58.730	ug/l	98
57) 1,3-Dichloropropane	11.159	76	186196	52.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	378212	328.783	ug/l	97
59) 2-Hexanone	11.194	43	555223	277.663	ug/l	99
60) Dibromochloromethane	11.359	129	126457	54.454	ug/l	99
61) 1,2-Dibromoethane	11.471	107	108822	52.585	ug/l	98
64) Tetrachloroethene	11.106	164	97067	53.241	ug/l	97
65) Chlorobenzene	11.888	112	306610	50.321	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	105857	50.115	ug/l	98
67) Ethyl Benzene	11.965	91	577403	53.345	ug/l	100
68) m/p-Xylenes	12.071	106	446115	111.014	ug/l	99
69) o-Xylene	12.394	106	214445	55.124	ug/l	100
70) Styrene	12.412	104	355865	55.739	ug/l	98
71) Bromoform	12.576	173	81569	57.306	ug/l #	99
73) Isopropylbenzene	12.694	105	549033	54.526	ug/l	100
74) N-amyl acetate	12.494	43	239583	55.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	151302	51.141	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	195315	74.373	ug/l	67
77) Bromobenzene	12.982	156	123273	50.860	ug/l	97
78) n-propylbenzene	13.035	91	641589	54.763	ug/l	99
79) 2-Chlorotoluene	13.124	91	397106	53.148	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	479053	56.430	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	45918	45.794	ug/l	94
82) 4-Chlorotoluene	13.218	91	390697	52.107	ug/l	100
83) tert-Butylbenzene	13.435	119	392525	52.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	563338	66.061	ug/l	99
85) sec-Butylbenzene	13.618	105	532975	54.108	ug/l	100
86) p-Isopropyltoluene	13.729	119	449340	54.419	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	226246	49.461	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	225588	48.704	ug/l	98
89) n-Butylbenzene	14.053	91	404960	54.624	ug/l	98
90) Hexachloroethane	14.335	117	82868	49.926	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	222641	50.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33256	56.389	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	117110	49.435	ug/l	98
94) Hexachlorobutadiene	15.500	225	46625	46.344	ug/l	98
95) Naphthalene	15.635	128	499168	69.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	112736	49.794	ug/l	98

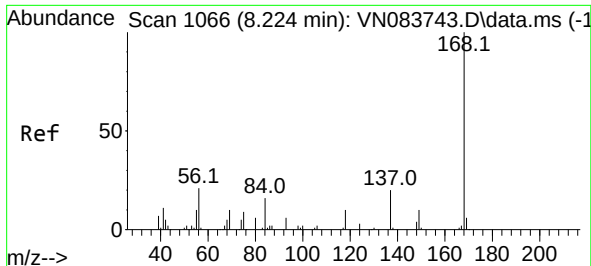
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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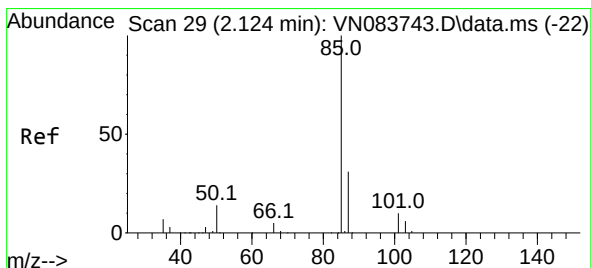
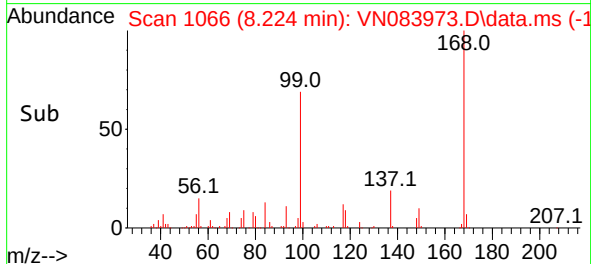
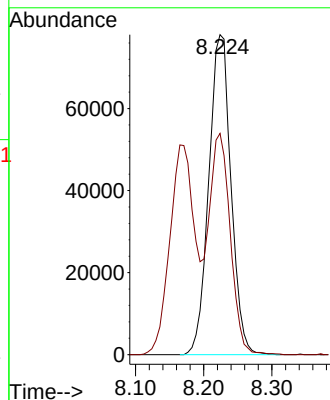
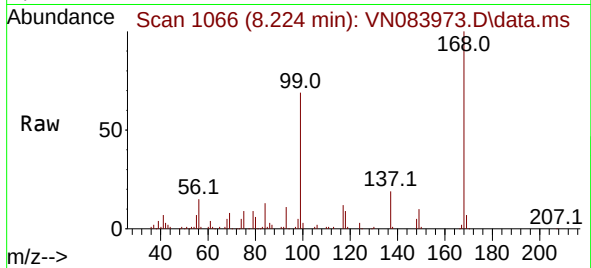
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

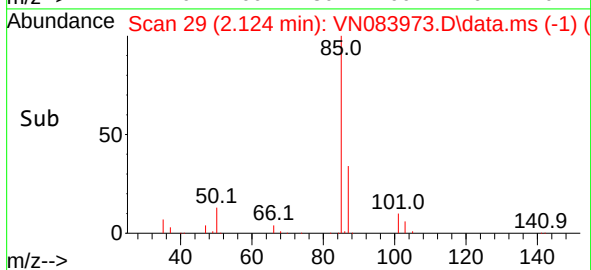
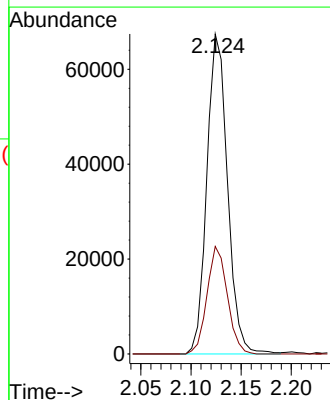
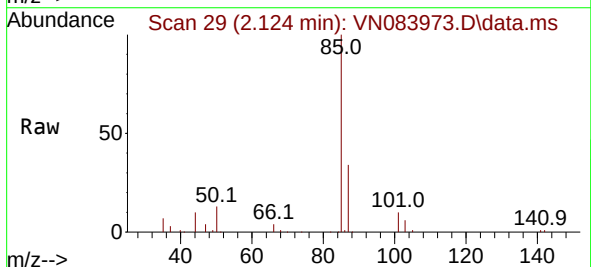
Instrument :
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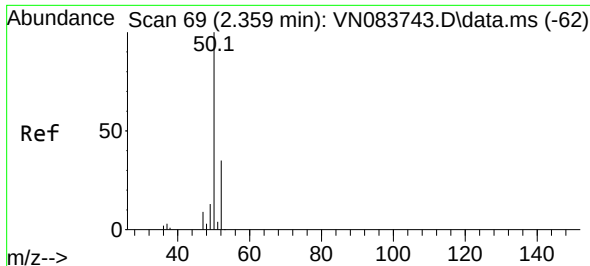
Tgt Ion:168 Resp: 176699
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 47.089 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 85 Resp: 96630
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

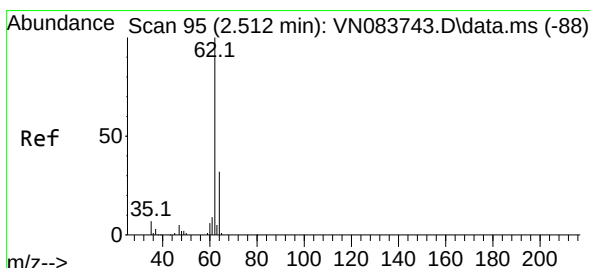
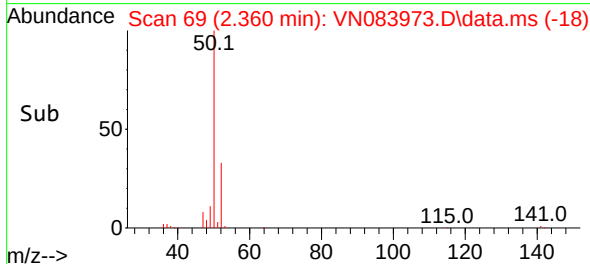
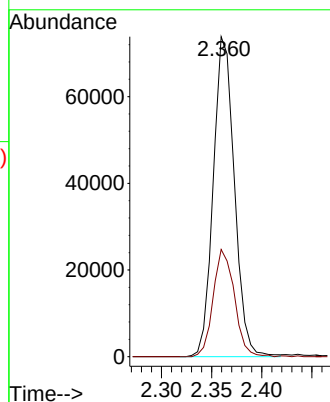
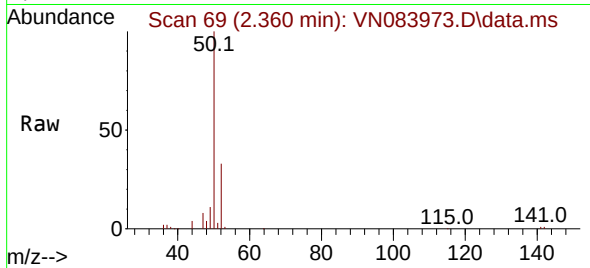




#3
Chloromethane
Concen: 51.581 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

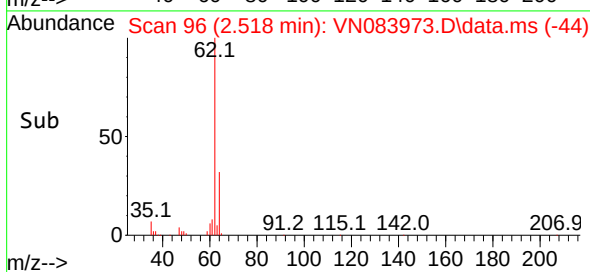
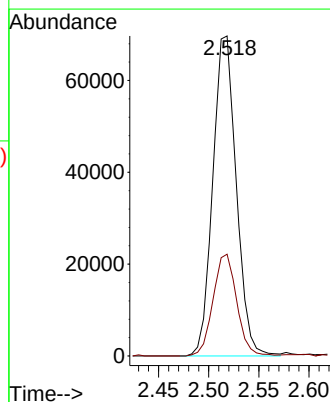
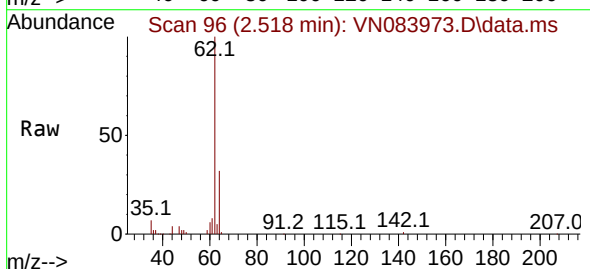
Instrument :
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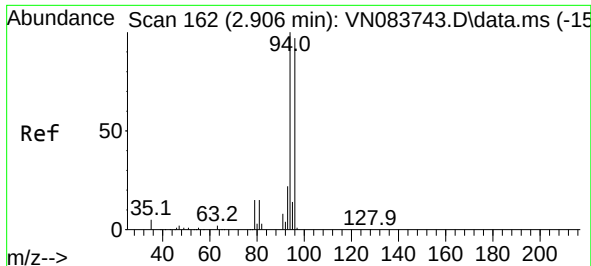
Tgt Ion: 50 Resp: 107967
Ion Ratio Lower Upper
50 100
52 33.5 27.2 40.8



#4
Vinyl Chloride
Concen: 50.400 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 62 Resp: 113363
Ion Ratio Lower Upper
62 100
64 31.8 24.7 37.1

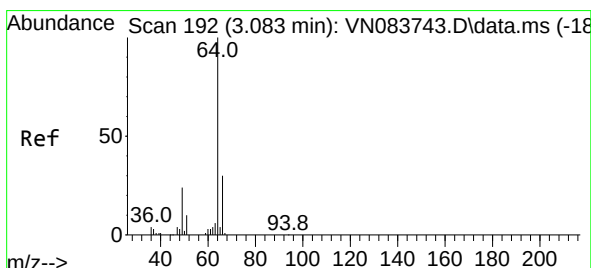
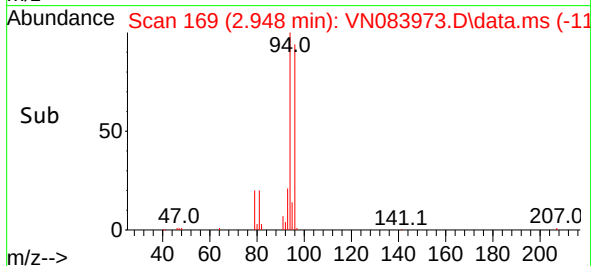
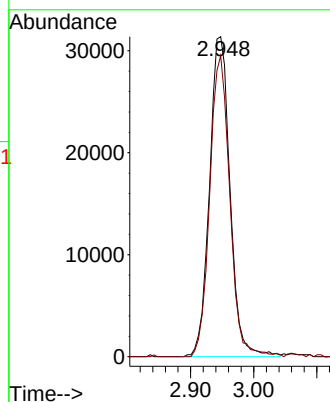
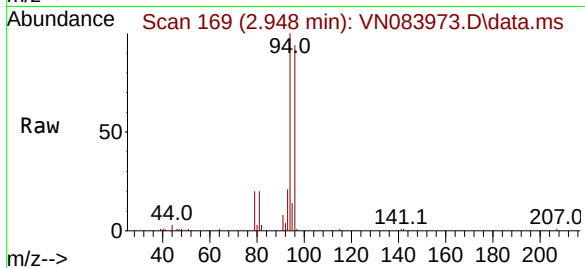




#5
Bromomethane
Concen: 54.891 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

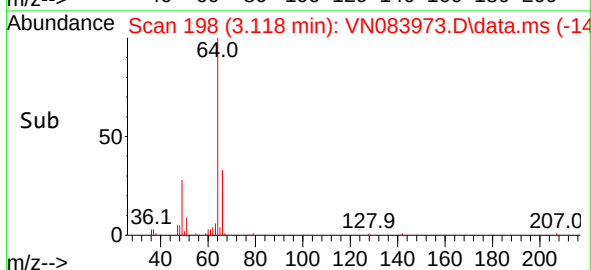
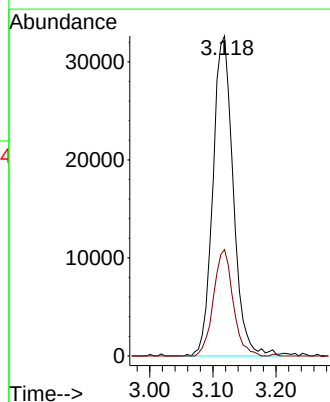
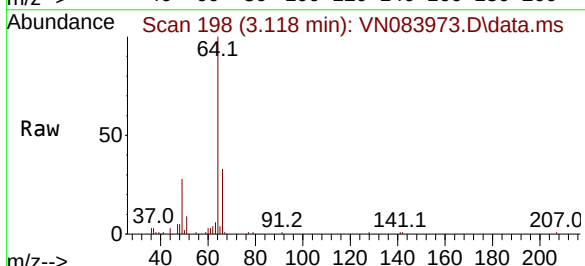
Instrument :
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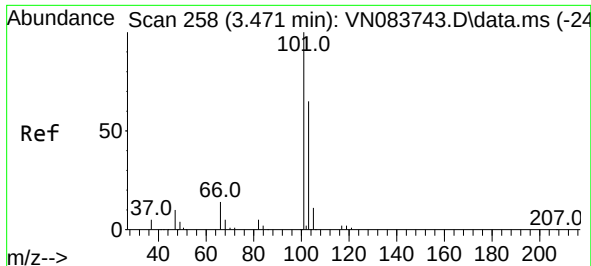
Tgt Ion: 94 Resp: 70888
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0



#6
Chloroethane
Concen: 46.272 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 64 Resp: 73007
Ion Ratio Lower Upper
64 100
66 33.2 23.9 35.9

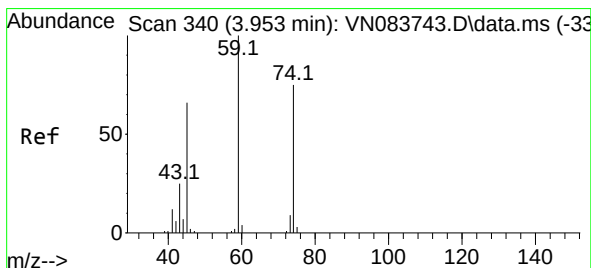
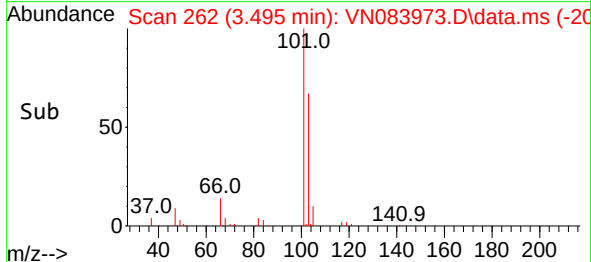
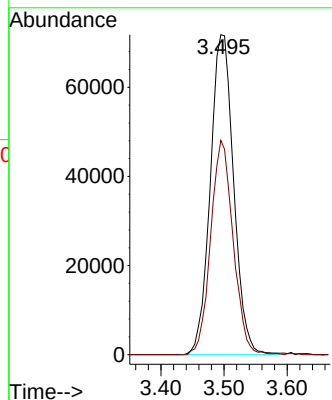
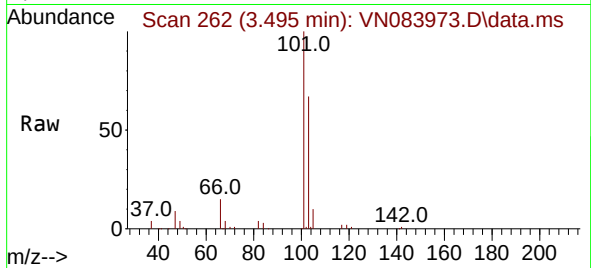




#7
 Trichlorofluoromethane
 Concen: 48.402 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.024 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

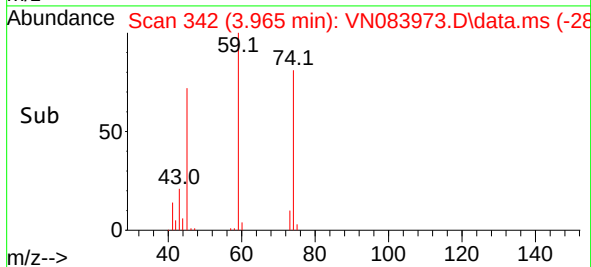
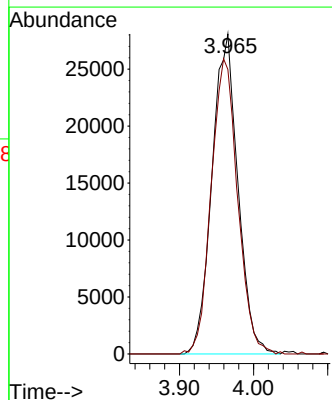
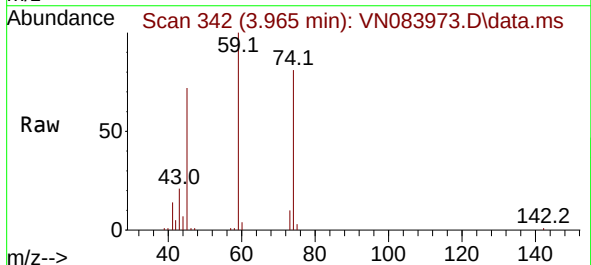
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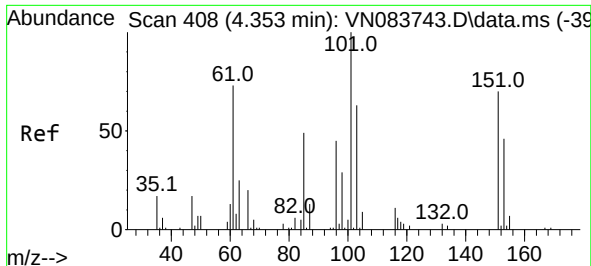
Tgt Ion:101 Resp: 184800
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.299 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Tgt Ion: 74 Resp: 68214
 Ion Ratio Lower Upper
 74 100
 45 94.2 46.7 140.1

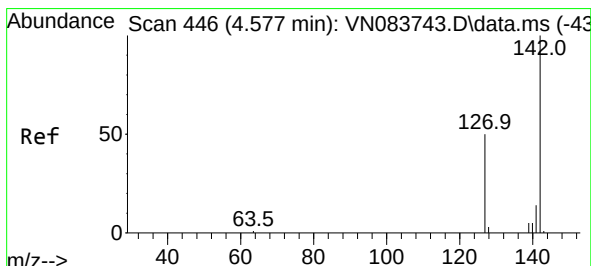
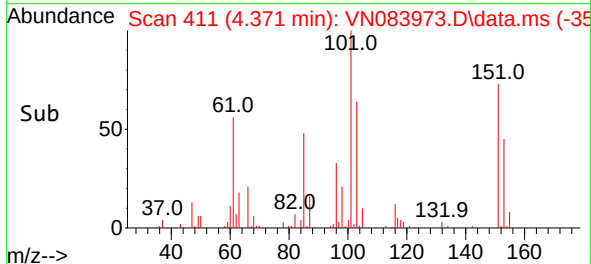
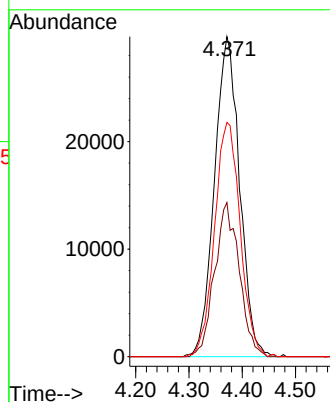
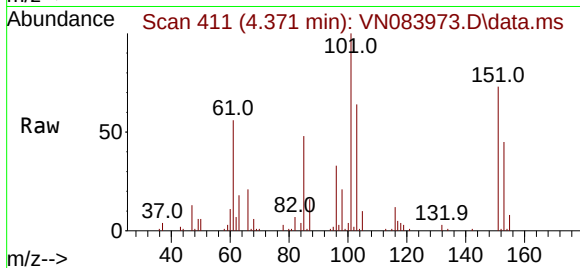




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.401 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

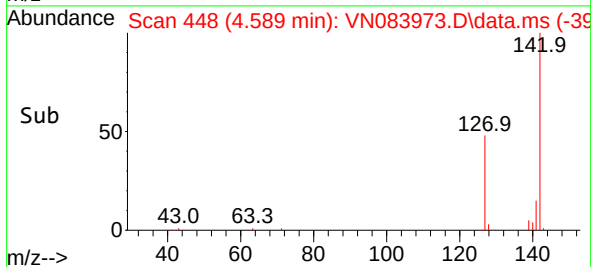
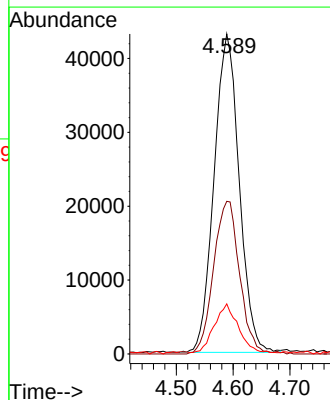
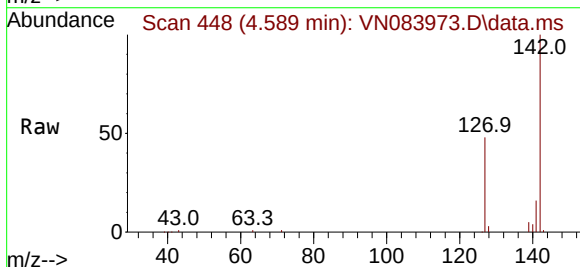
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

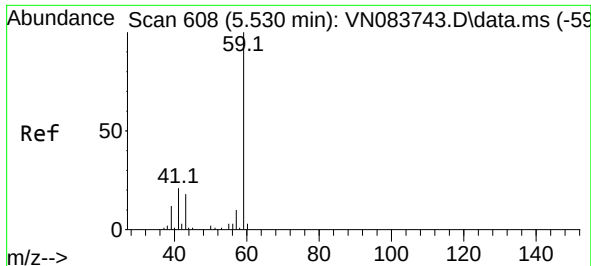
Tgt Ion:101 Resp: 97950
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 74.3 57.7 86.5



#10
Methyl Iodide
Concen: 51.458 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:142 Resp: 132440
Ion Ratio Lower Upper
142 100
127 47.9 37.5 56.3
141 15.4 11.0 16.4

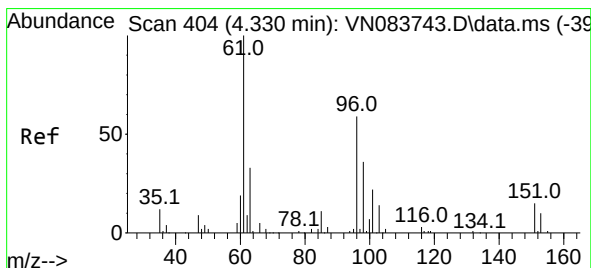
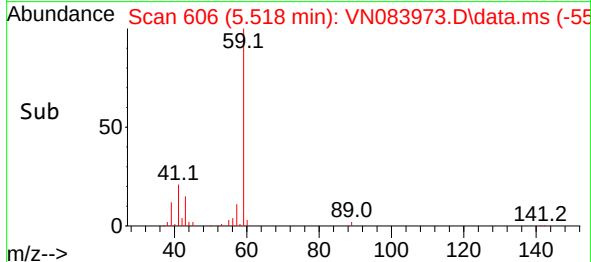
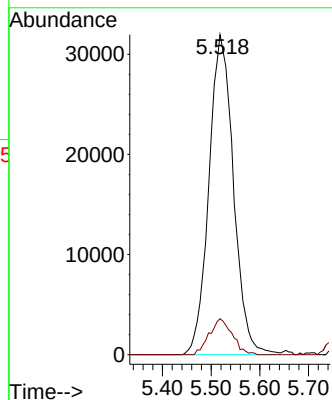
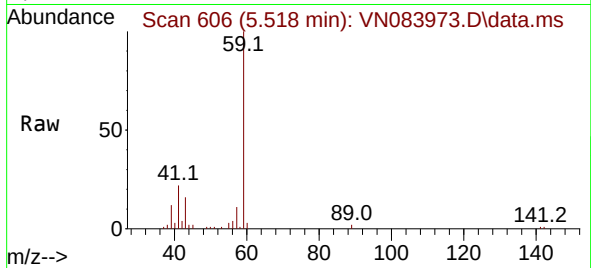




#11
Tert butyl alcohol
Concen: 313.873 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

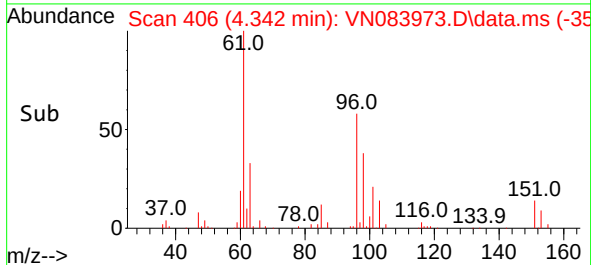
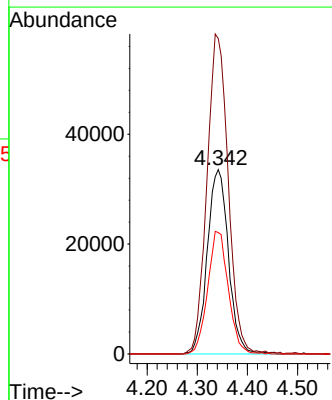
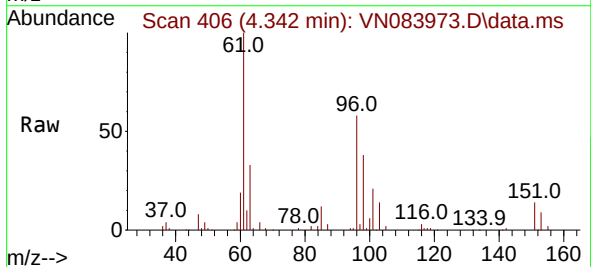
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

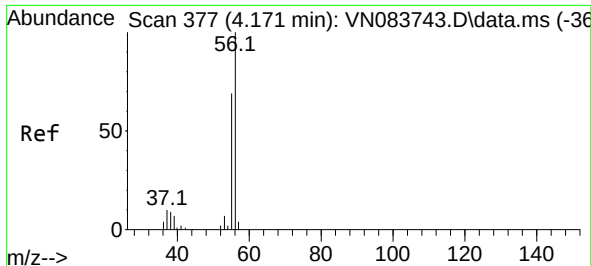
Tgt Ion: 59 Resp: 111985
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 51.509 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 96 Resp: 98443
Ion Ratio Lower Upper
96 100
61 171.1 143.4 215.0
98 65.9 52.7 79.1

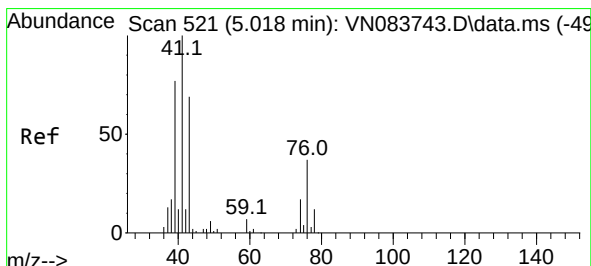
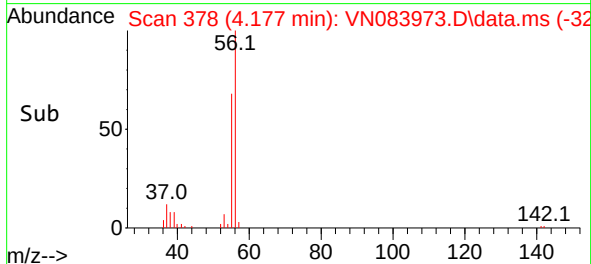
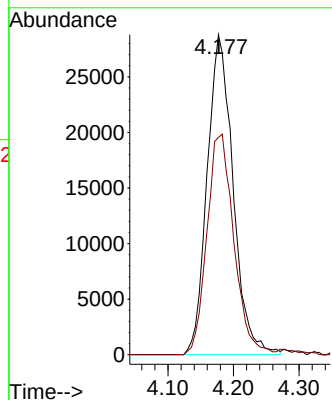
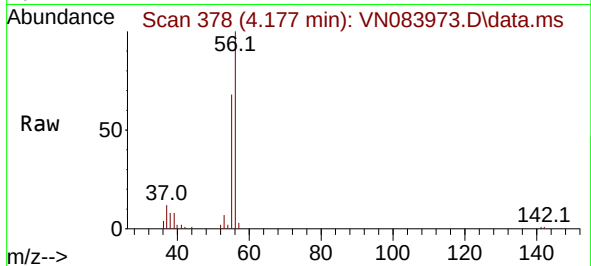




#13
Acrolein
Concen: 224.514 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

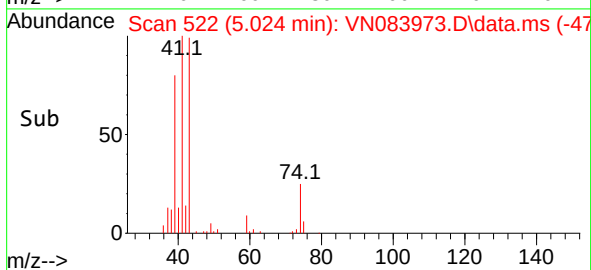
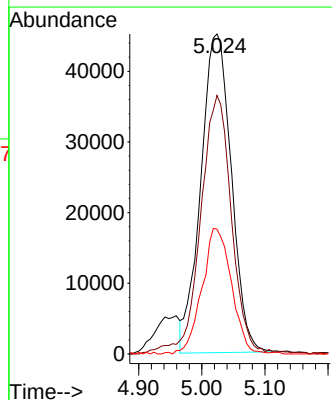
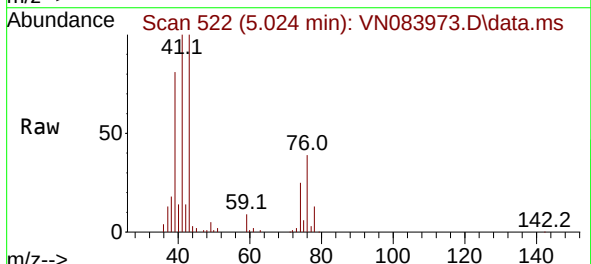
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

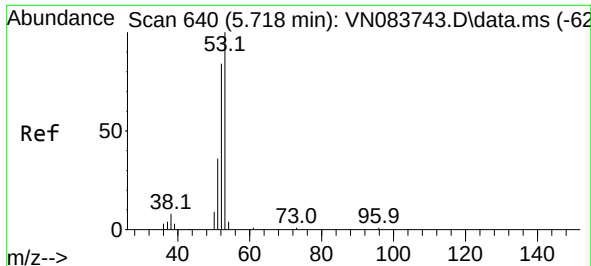
Tgt Ion: 56 Resp: 79035
Ion Ratio Lower Upper
56 100
55 71.5 58.2 87.2



#14
Allyl chloride
Concen: 44.582 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 41 Resp: 151823
Ion Ratio Lower Upper
41 100
39 81.8 59.3 88.9
76 38.0 27.7 41.5

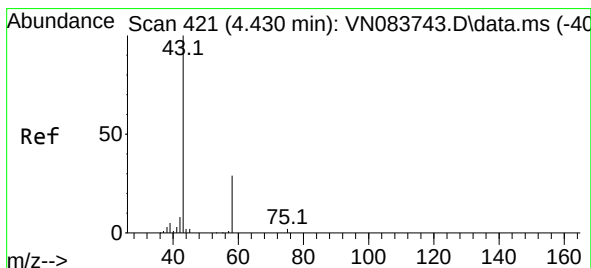
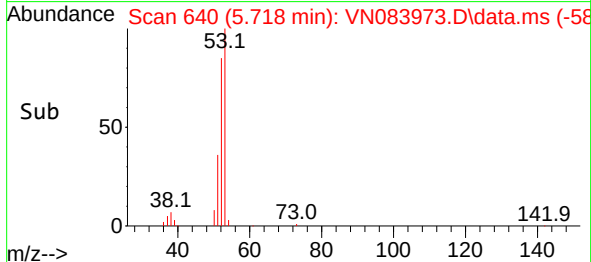
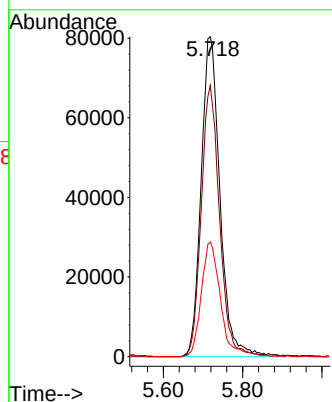
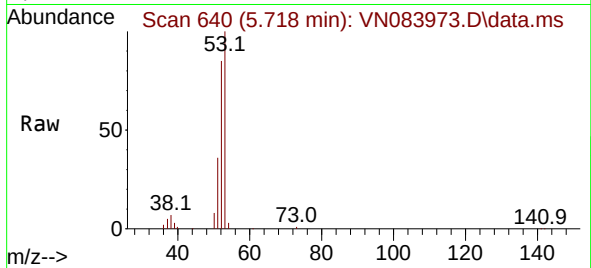




#15
Acrylonitrile
Concen: 273.814 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

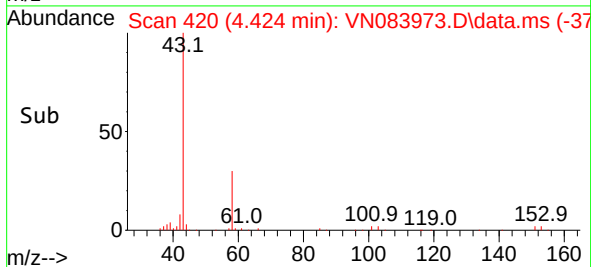
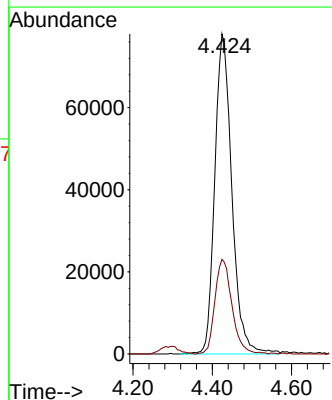
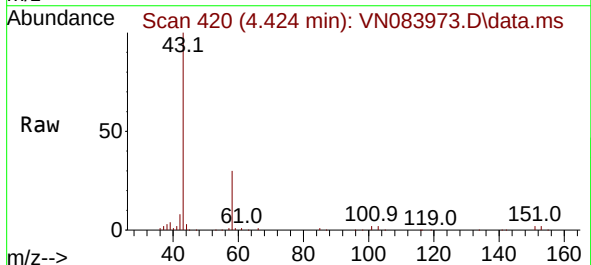
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

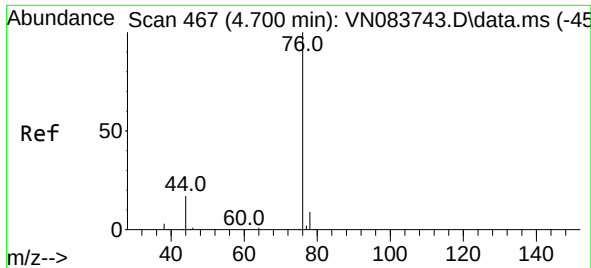
Tgt Ion: 53 Resp: 265676
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 36.4 29.6 44.4



#16
Acetone
Concen: 218.620 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 43 Resp: 233504
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5

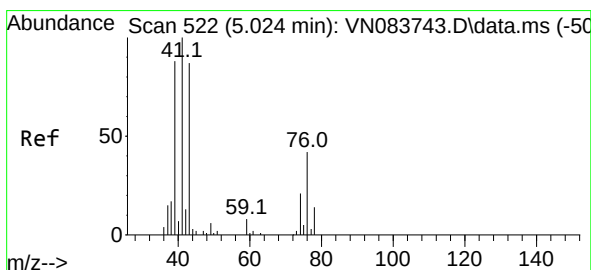
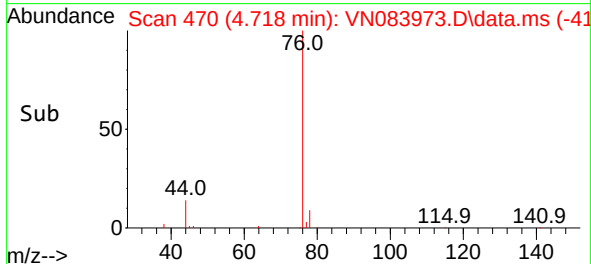
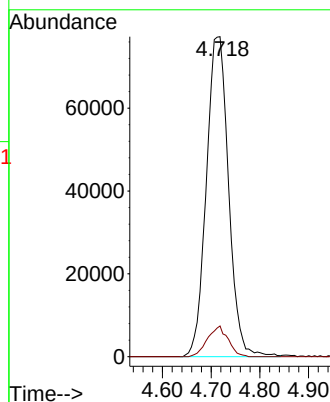
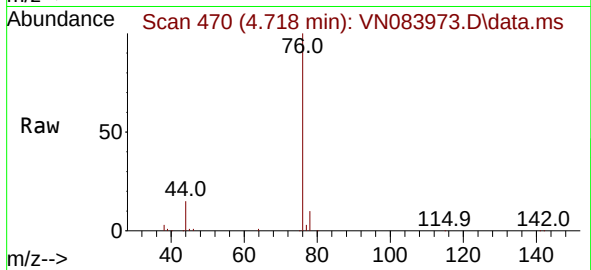




#17
Carbon Disulfide
Concen: 45.814 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

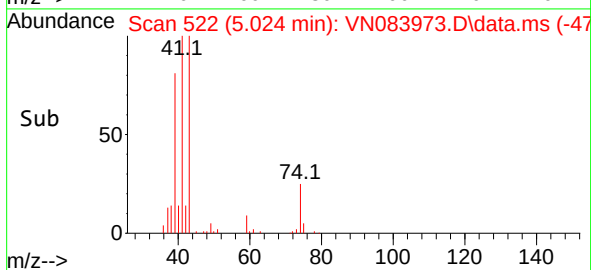
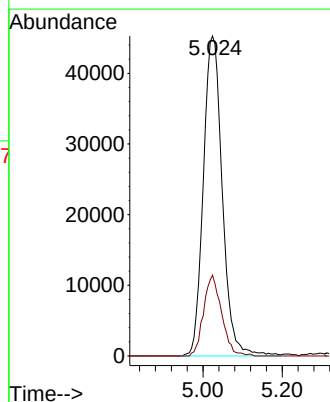
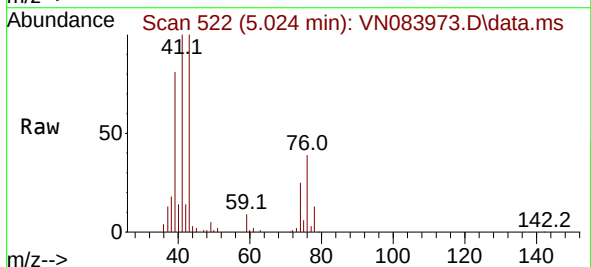
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

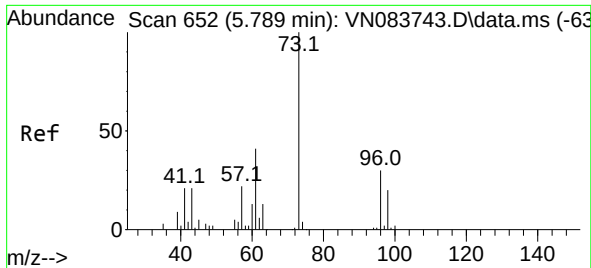
Tgt Ion: 76 Resp: 244930
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 68.272 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 43 Resp: 150423
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.4

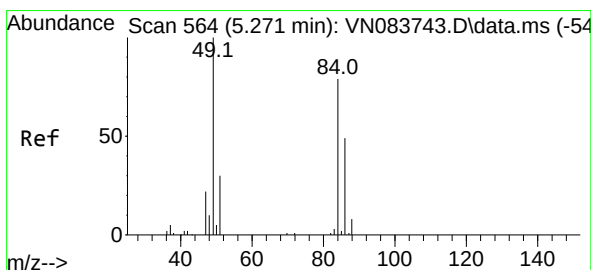
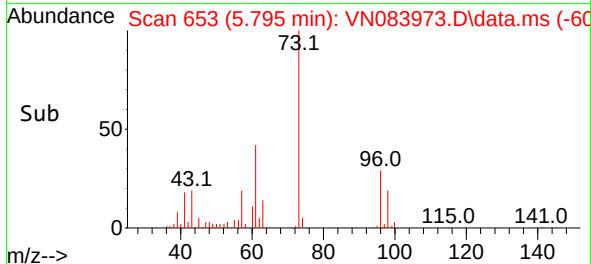
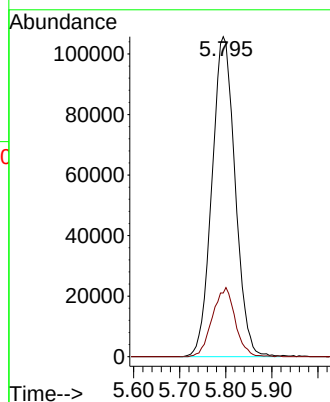
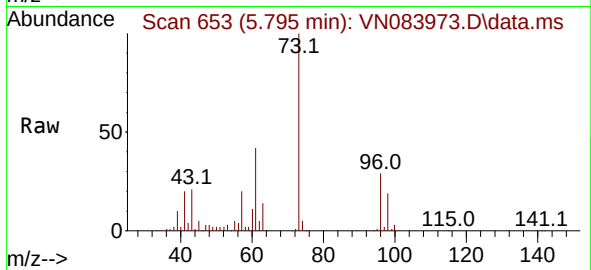




#19
Methyl tert-butyl Ether
Concen: 53.493 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

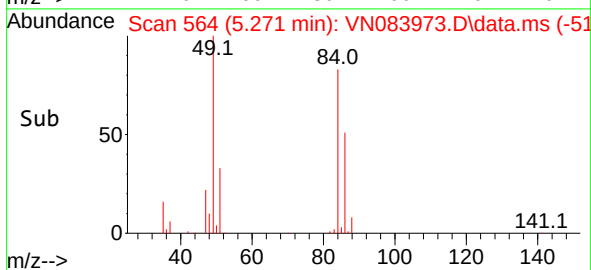
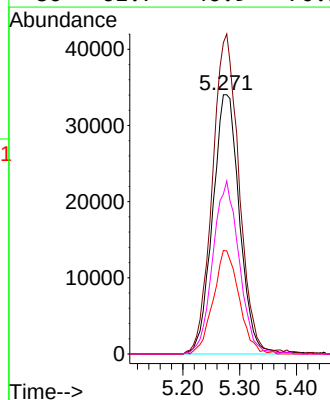
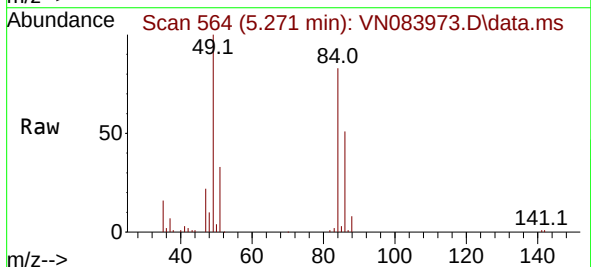
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

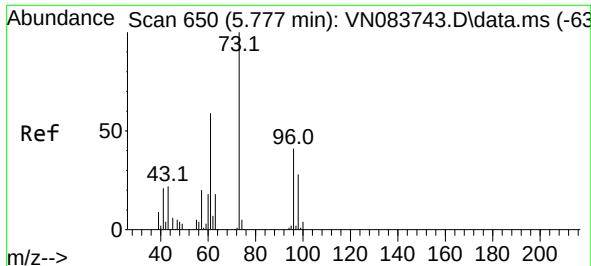
Tgt Ion: 73 Resp: 369950
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.6



#20
Methylene Chloride
Concen: 51.068 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 84 Resp: 111619
Ion Ratio Lower Upper
84 100
49 120.1 93.4 140.0
51 40.0 29.2 43.8
86 61.7 46.9 70.3

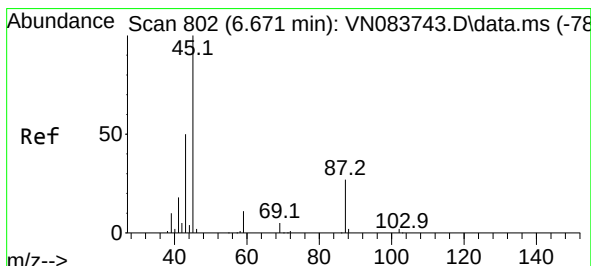
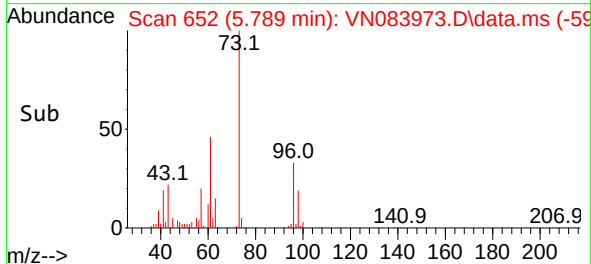
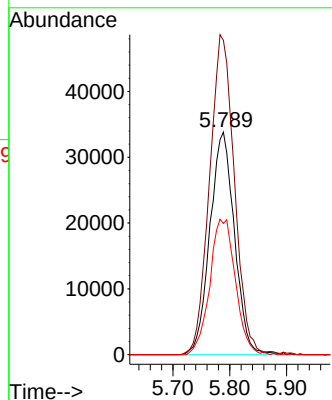
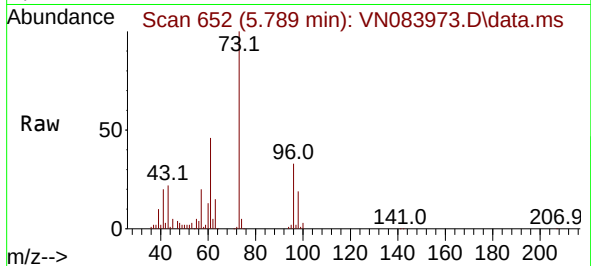




#21
trans-1,2-Dichloroethene
Concen: 49.483 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

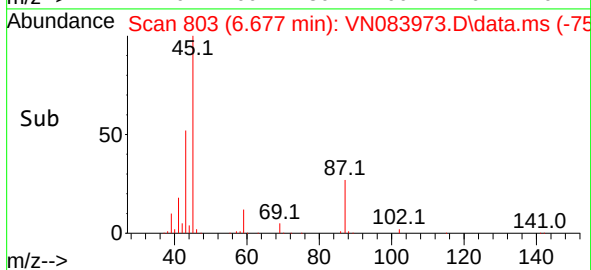
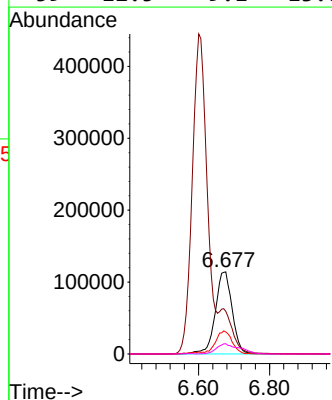
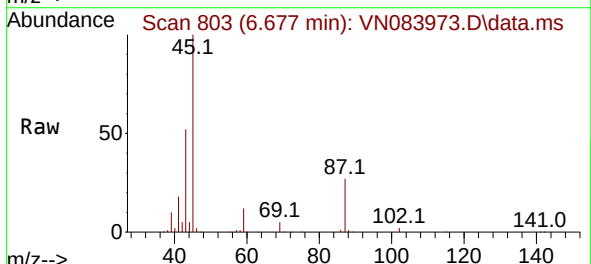
Instrument :
MSVOA_N
ClientSampleId :
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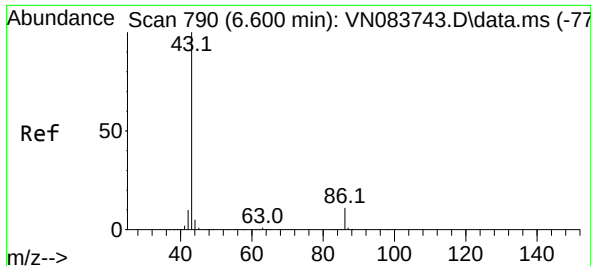
Tgt Ion: 96 Resp: 101352
Ion Ratio Lower Upper
96 100
61 141.3 106.0 159.0
98 58.9 52.2 78.2



#22
Diisopropyl ether
Concen: 53.509 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 45 Resp: 375114
Ion Ratio Lower Upper
45 100
43 51.5 43.4 65.0
87 26.9 22.6 33.8
59 12.5 9.1 13.7

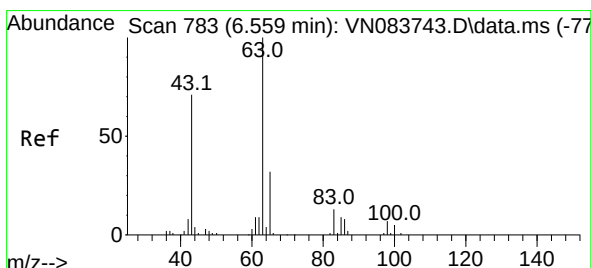
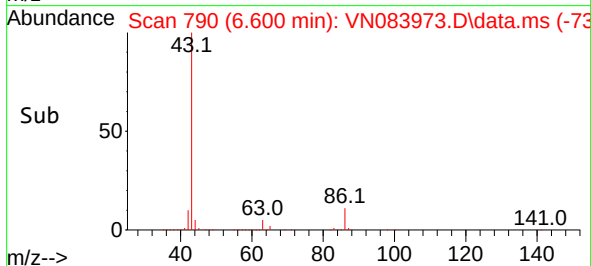
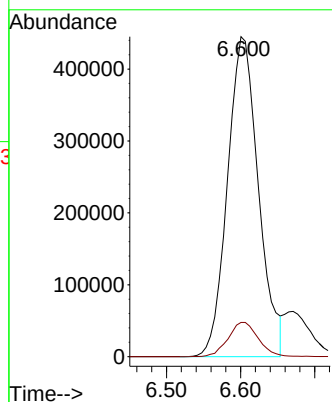
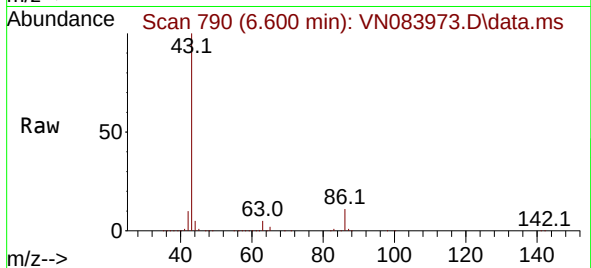




#23
 Vinyl Acetate
 Concen: 251.631 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

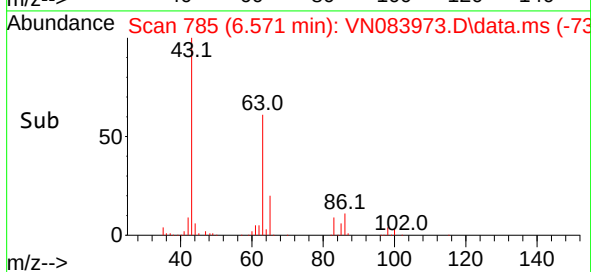
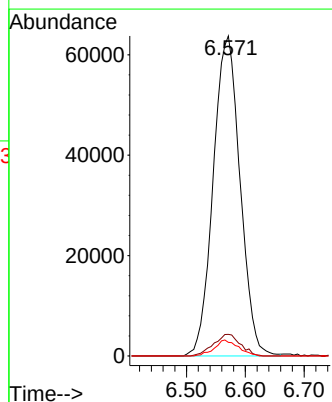
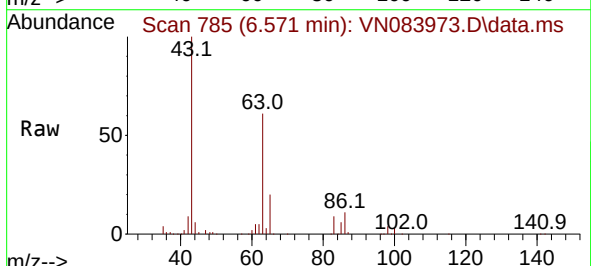
Instrument :
 MSVOA_N
 ClientSampleId :
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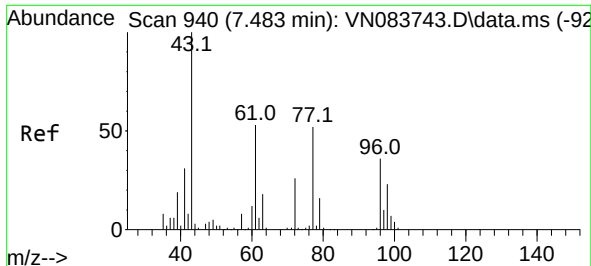
Tgt Ion: 43 Resp: 1291807
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 50.064 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Tgt Ion: 63 Resp: 202195
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.5 7.5

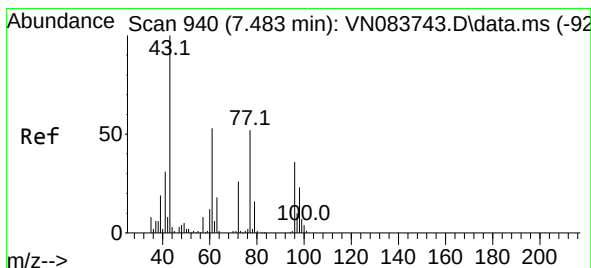
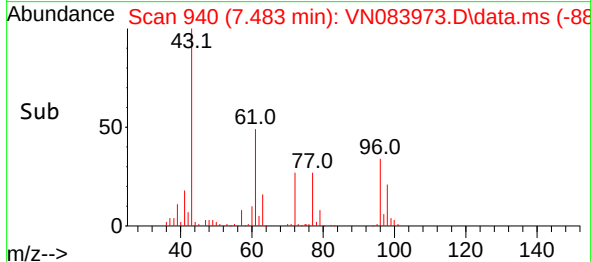
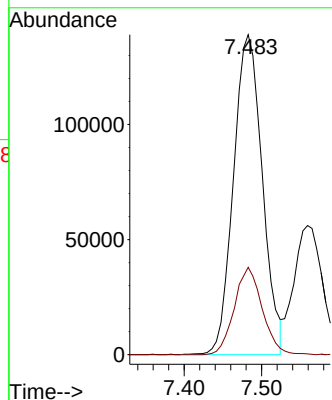
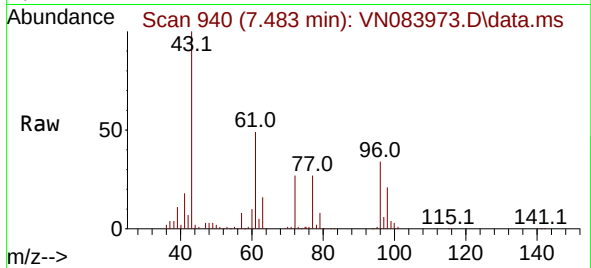




#25
2-Butanone
Concen: 256.600 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

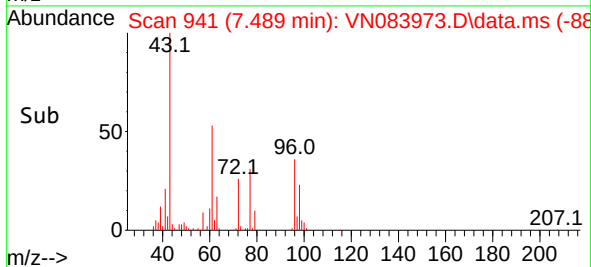
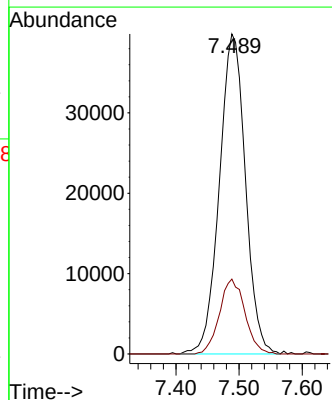
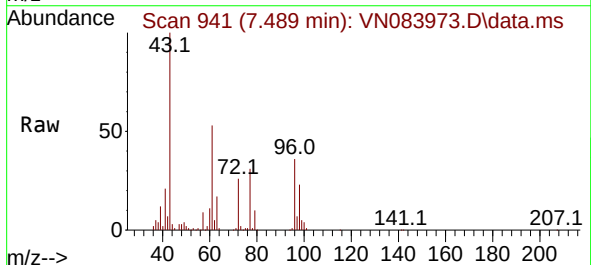
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

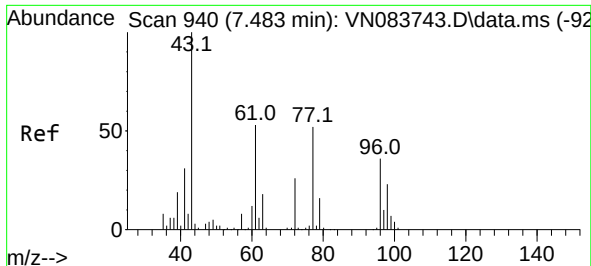
Tgt Ion: 43 Resp: 360221
Ion Ratio Lower Upper
43 100
72 27.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 30.652 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 77 Resp: 114008
Ion Ratio Lower Upper
77 100
97 22.9 10.2 30.4



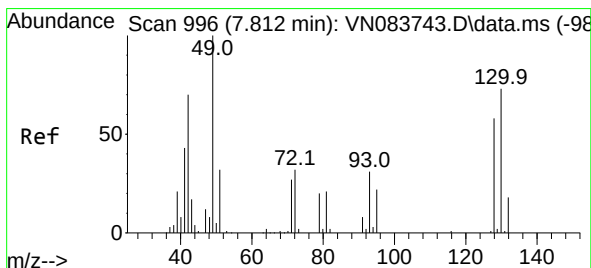
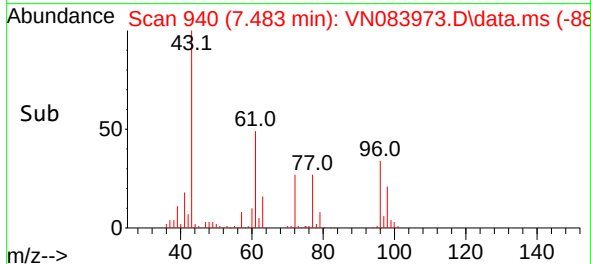
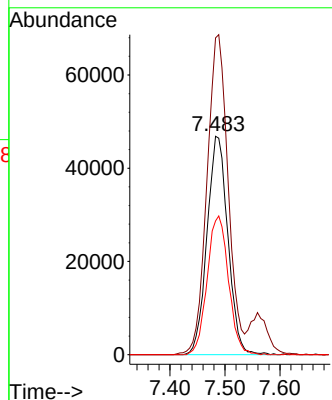
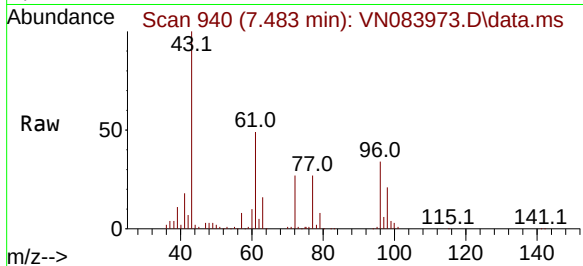


#27
 cis-1,2-Dichloroethene
 Concen: 50.824 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 123574

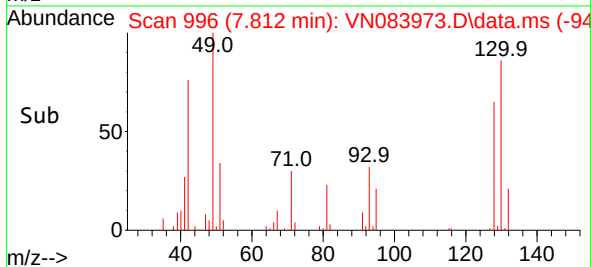
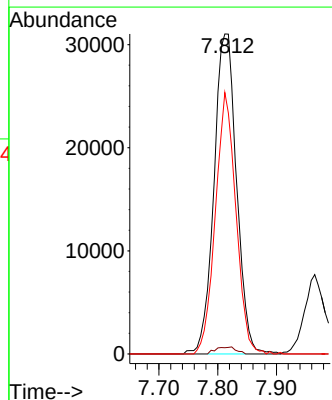
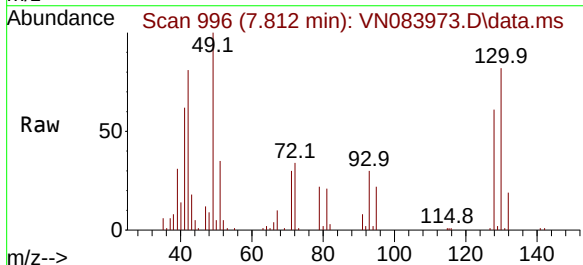
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	306.2
98	64.8	0.0	128.6

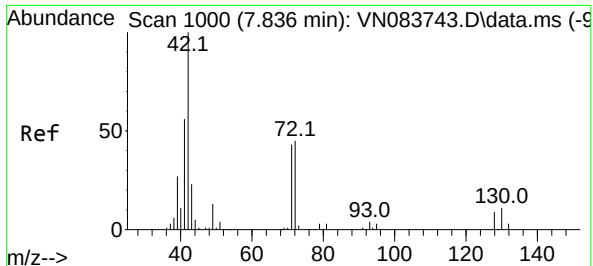


#28
 Bromochloromethane
 Concen: 48.734 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Tgt Ion: 49 Resp: 82887

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	74.1	60.2	90.2





#29

Tetrahydrofuran

Concen: 281.169 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

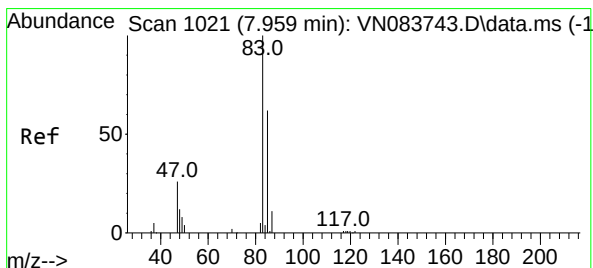
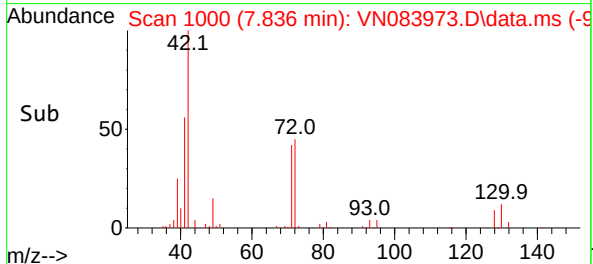
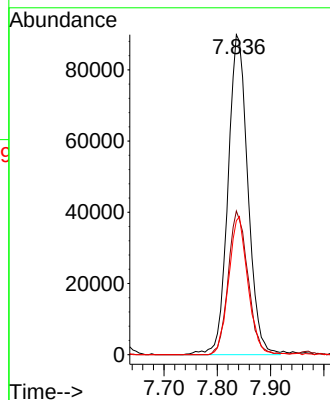
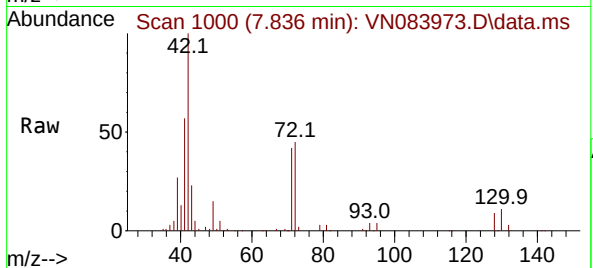
Tgt Ion: 42 Resp: 233390

Ion Ratio Lower Upper

42 100

72 44.5 35.9 53.9

71 41.7 33.9 50.9



#30

Chloroform

Concen: 49.989 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083973.D

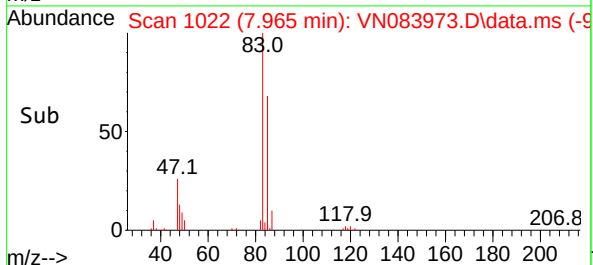
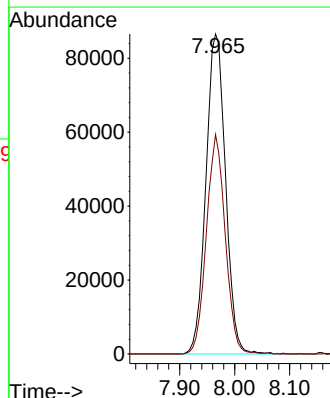
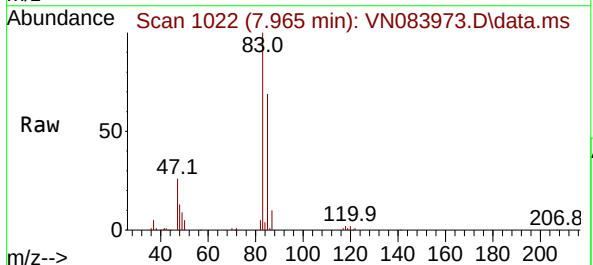
Acq: 18 Sep 2024 09:32

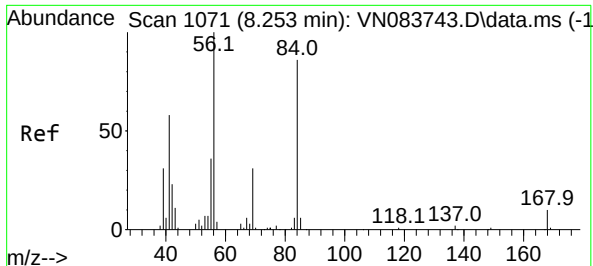
Tgt Ion: 83 Resp: 214340

Ion Ratio Lower Upper

83 100

85 68.5 52.8 79.2

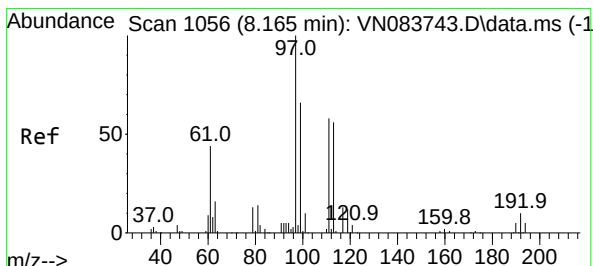
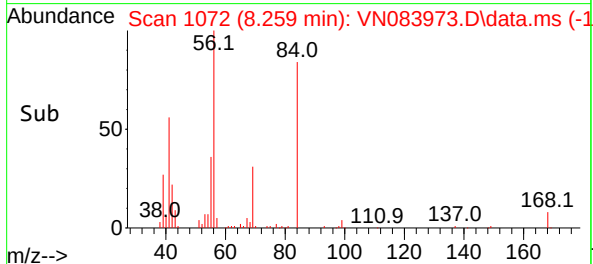
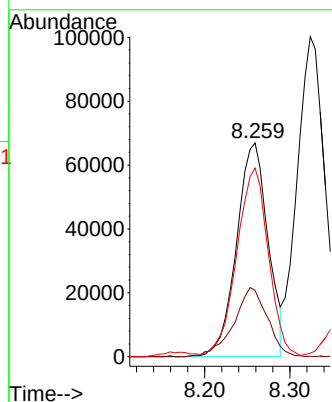
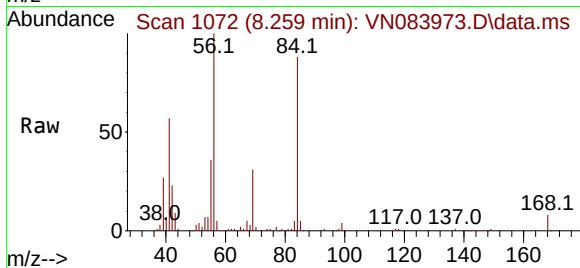




#31
Cyclohexane
Concen: 44.449 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

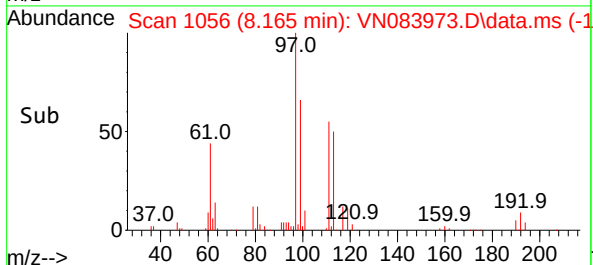
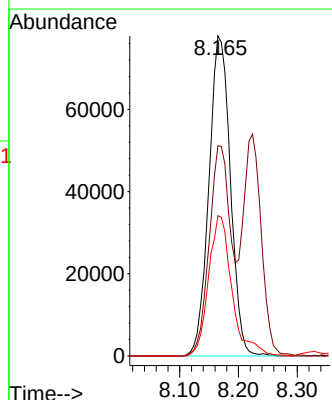
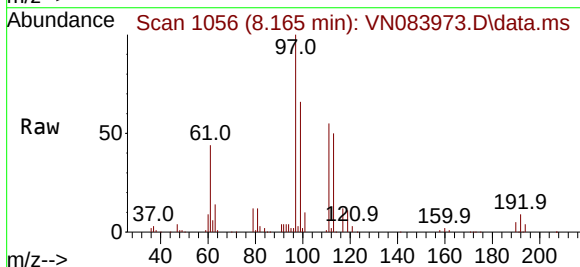
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

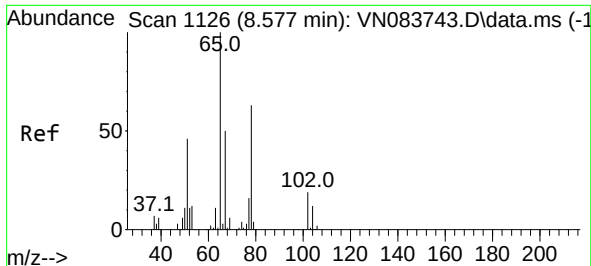
Tgt Ion: 56 Resp: 171163
Ion Ratio Lower Upper
56 100
69 31.0 26.9 40.3
84 86.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.164 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 97 Resp: 197777
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 47.7 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.547 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

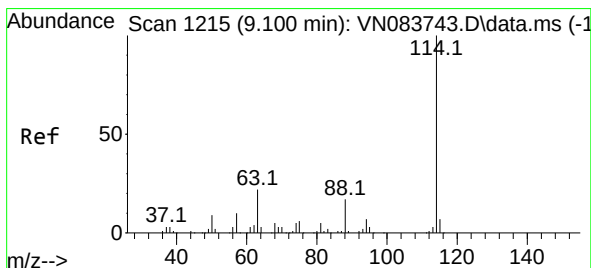
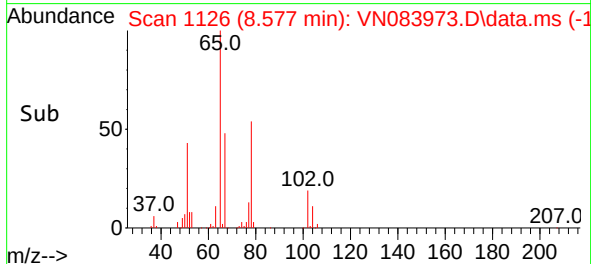
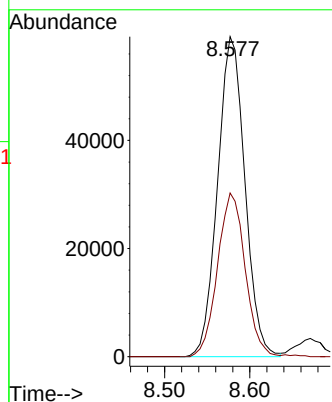
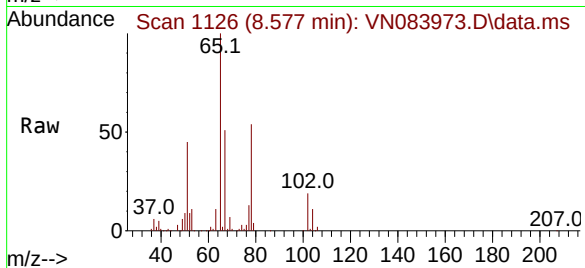
VSTDCCC050EC

Tgt Ion: 65 Resp: 132012

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

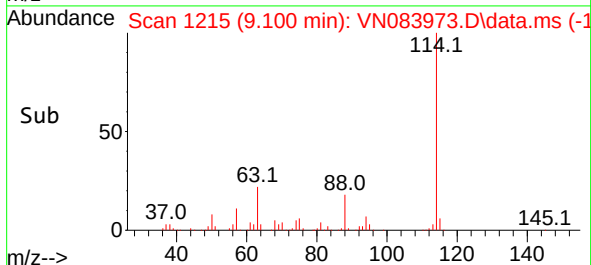
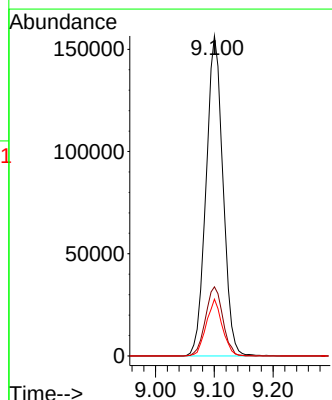
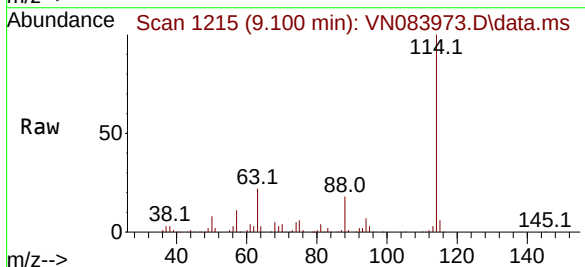
Tgt Ion: 114 Resp: 313315

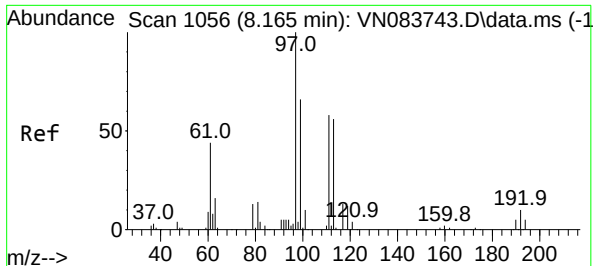
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 17.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.148 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

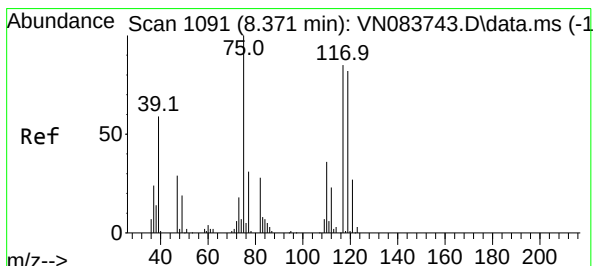
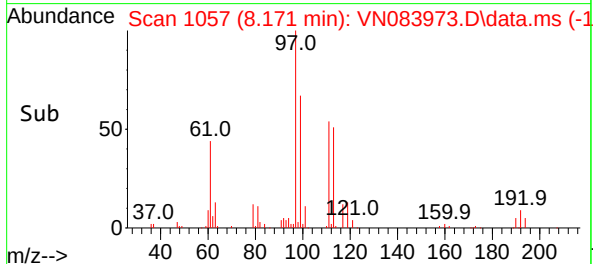
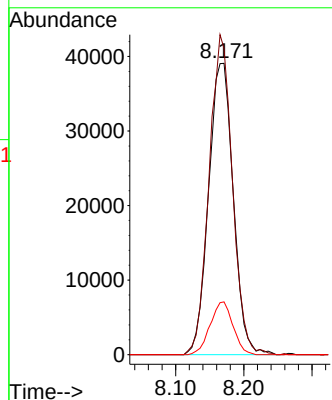
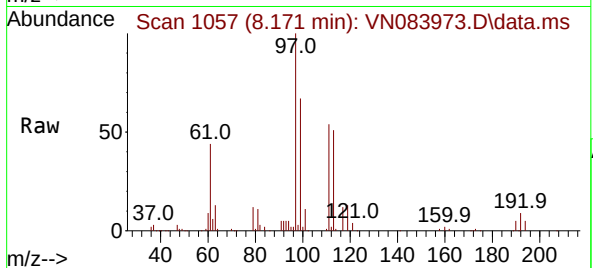
Tgt Ion:113 Resp: 98582

Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.105 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

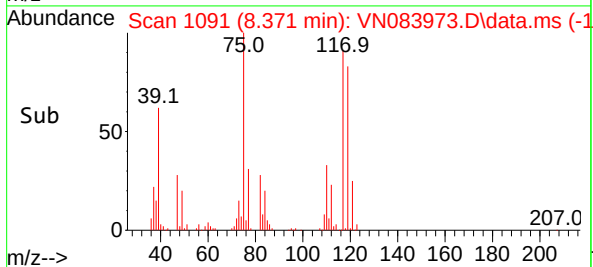
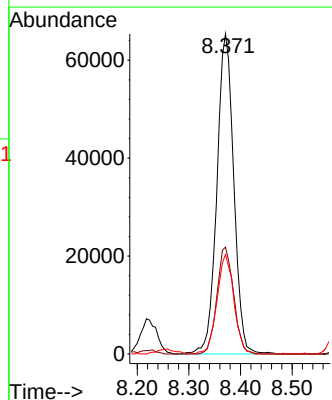
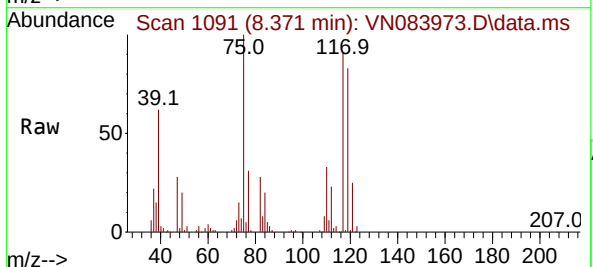
Tgt Ion: 75 Resp: 148248

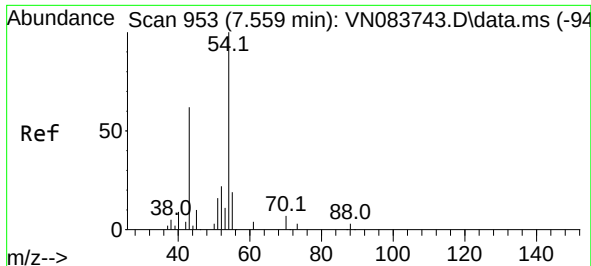
Ion Ratio Lower Upper

75 100

110 33.2 16.7 50.1

77 31.2 25.2 37.8

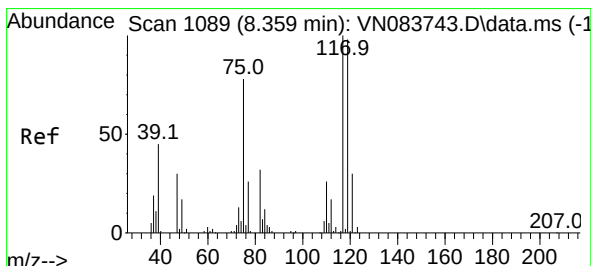
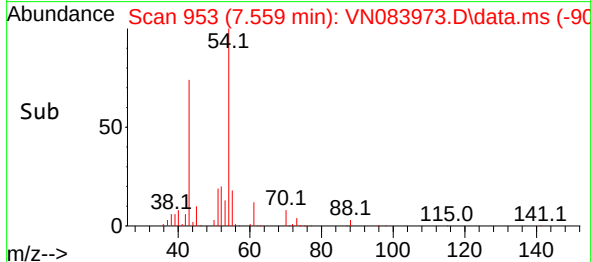
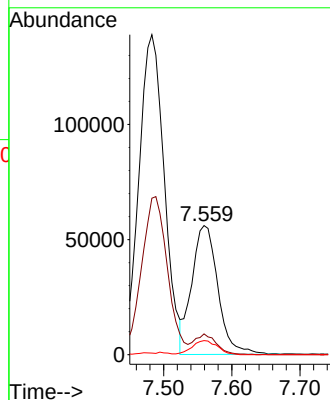
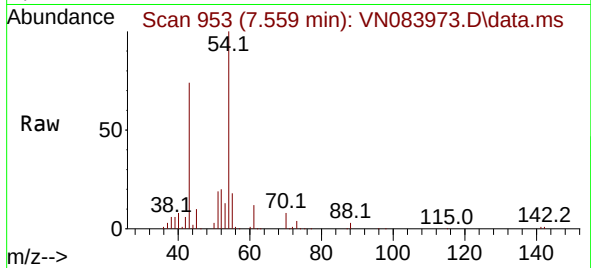




#37
Ethyl Acetate
Concen: 54.357 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

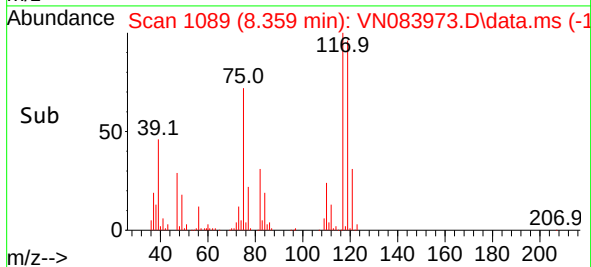
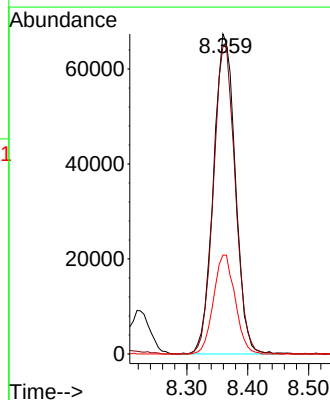
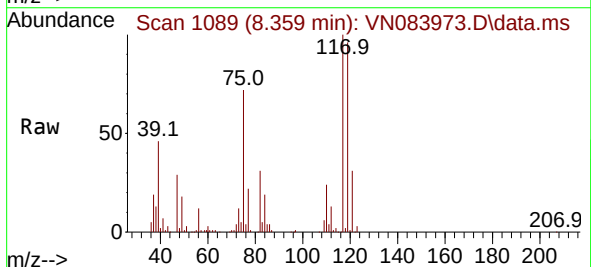
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

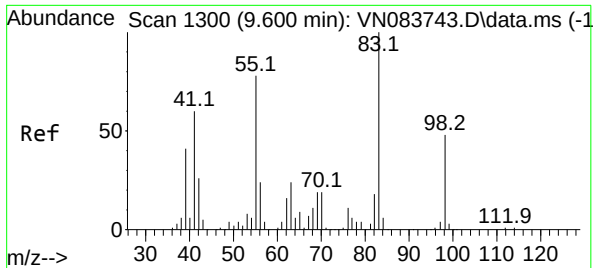
Tgt Ion: 43 Resp: 148959
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.094 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 117 Resp: 168151
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1
121 30.9 24.1 36.1





#39

Methylcyclohexane

Concen: 48.046 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

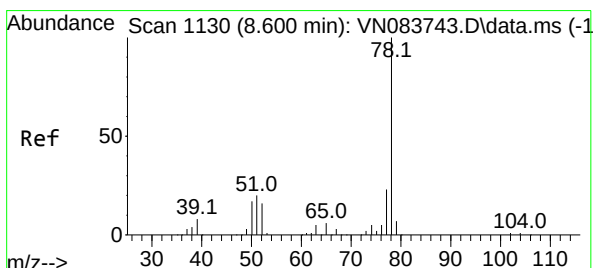
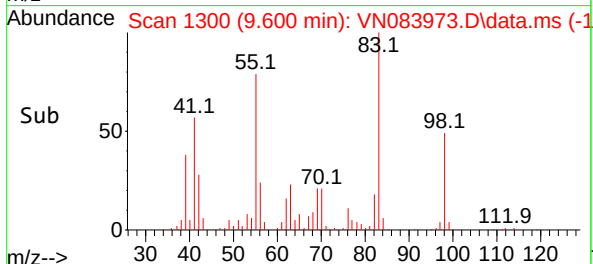
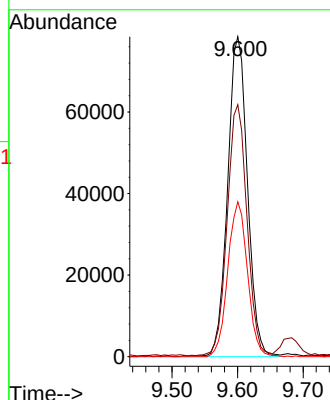
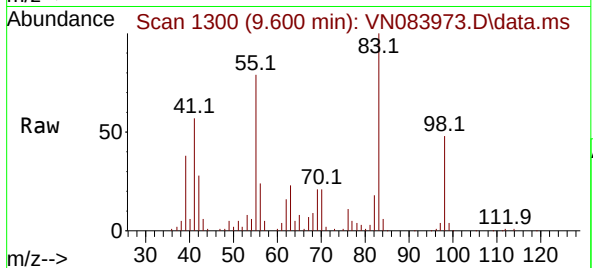
Tgt Ion: 83 Resp: 165105

Ion Ratio Lower Upper

83 100

55 78.2 62.2 93.4

98 48.4 37.6 56.4



#40

Benzene

Concen: 49.395 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083973.D

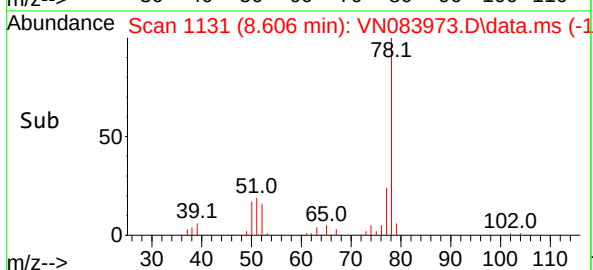
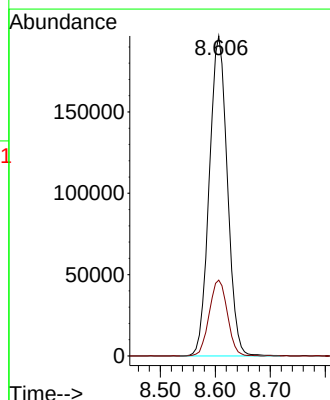
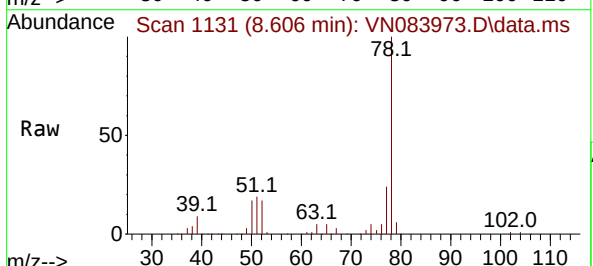
Acq: 18 Sep 2024 09:32

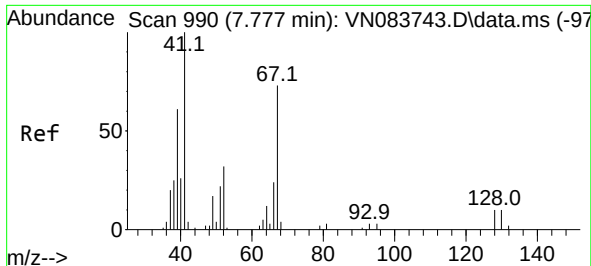
Tgt Ion: 78 Resp: 448845

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

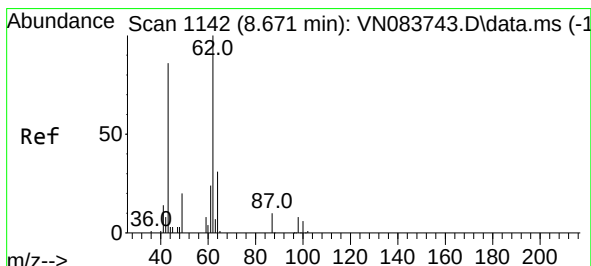
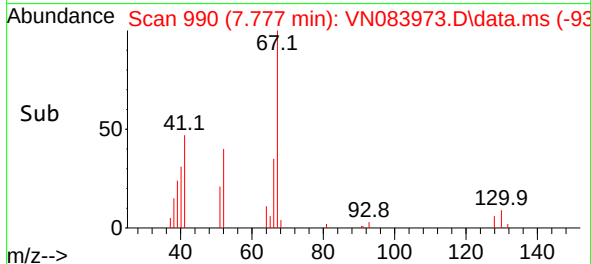
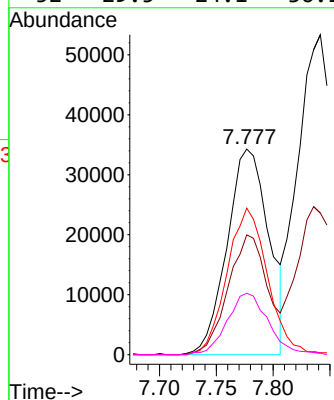
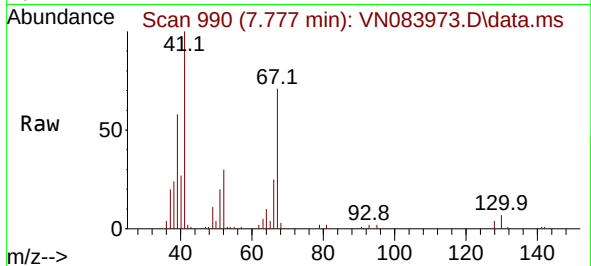




#41
Methacrylonitrile
Concen: 54.074 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

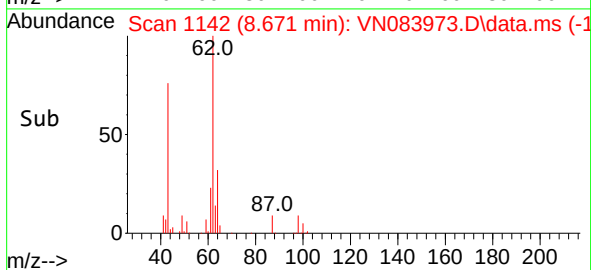
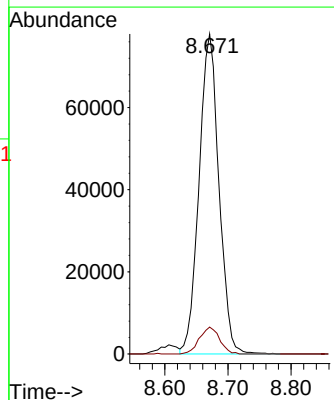
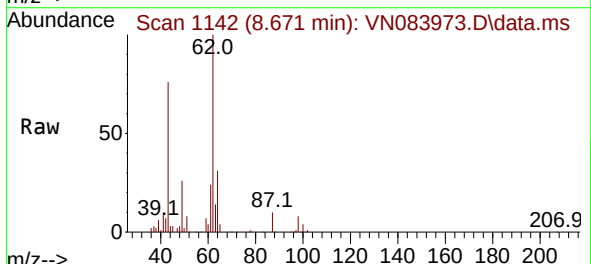
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

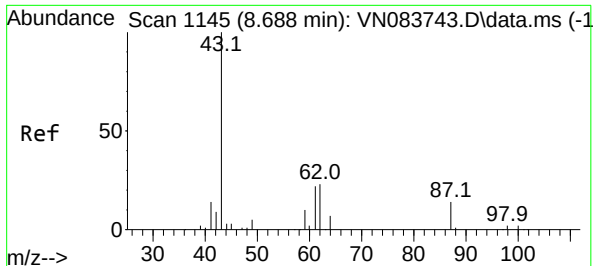
Tgt Ion:	41	Resp:	87644
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.4	68.2
67	69.3	55.9	83.9
52	29.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 50.224 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:	62	Resp:	170534
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

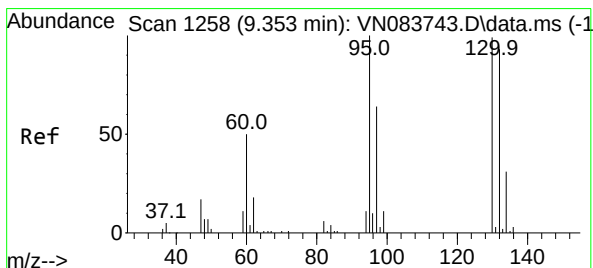
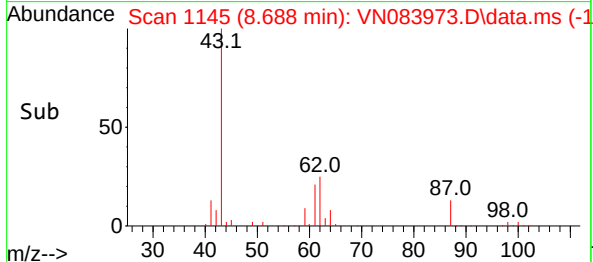
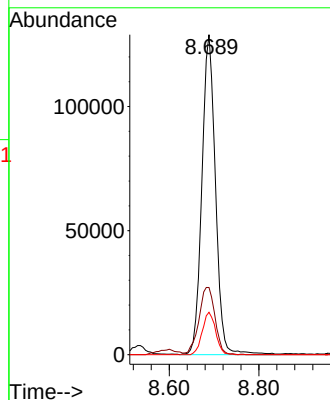
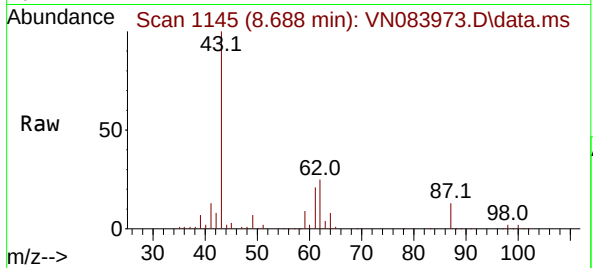




#43
Isopropyl Acetate
Concen: 54.620 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

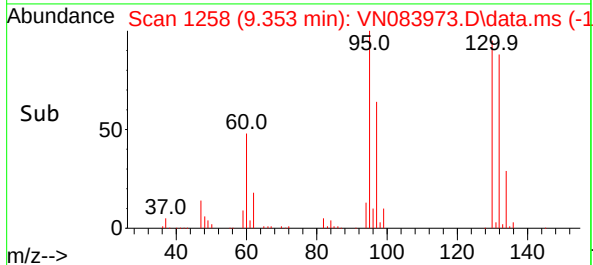
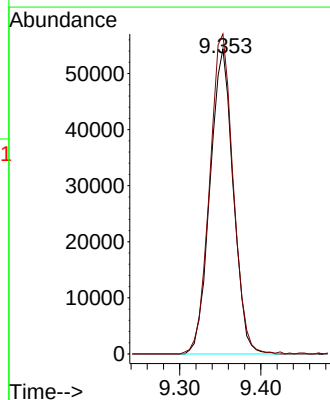
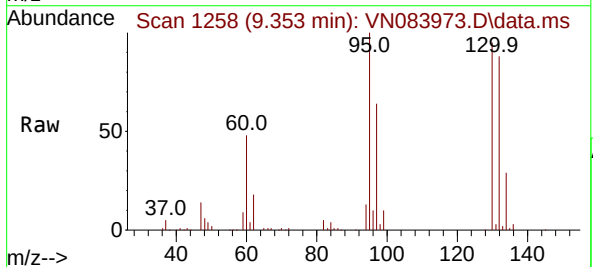
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

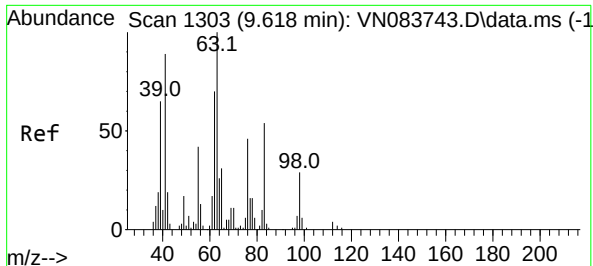
Tgt Ion: 43 Resp: 271240
Ion Ratio Lower Upper
43 100
61 24.9 19.4 29.0
87 13.0 9.8 14.6



#44
Trichloroethene
Concen: 51.220 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:130 Resp: 107781
Ion Ratio Lower Upper
130 100
95 104.9 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.116 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

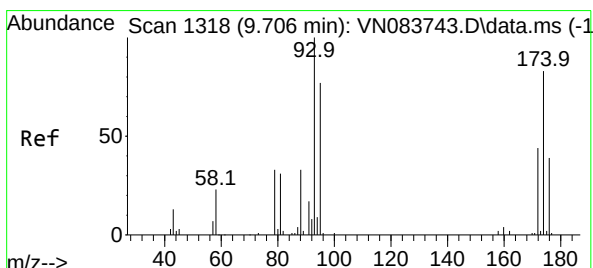
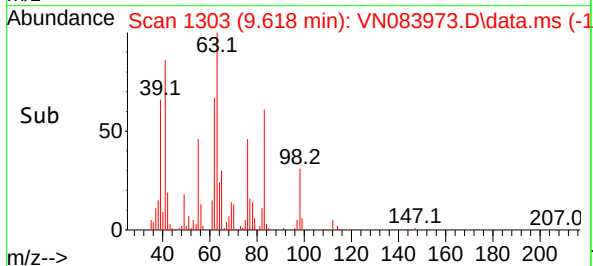
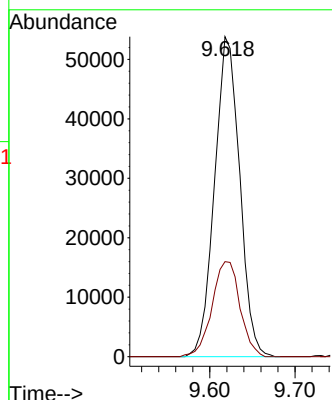
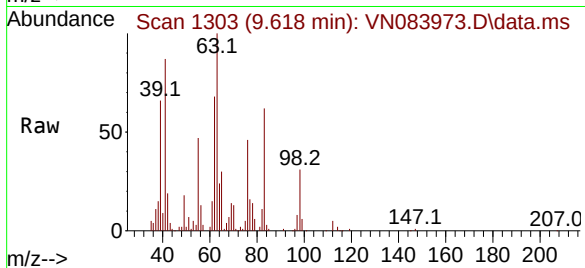
VSTDCCC050EC

Tgt Ion: 63 Resp: 110067

Ion Ratio Lower Upper

63 100

65 29.7 25.9 38.9



#46

Dibromomethane

Concen: 52.068 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

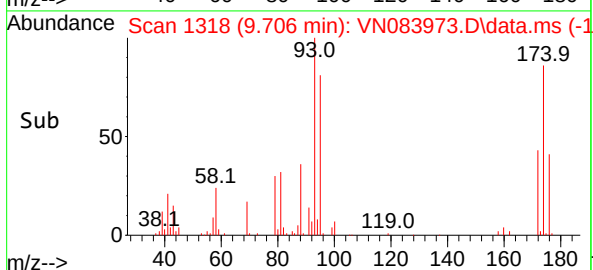
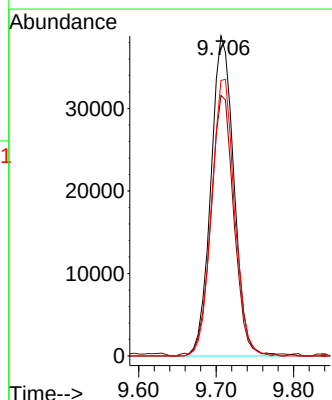
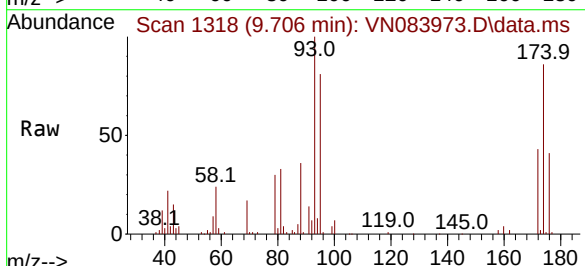
Tgt Ion: 93 Resp: 80098

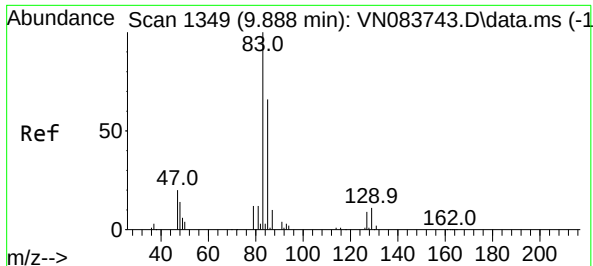
Ion Ratio Lower Upper

93 100

95 81.3 65.3 97.9

174 86.4 71.0 106.4





#47

Bromodichloromethane

Concen: 51.124 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

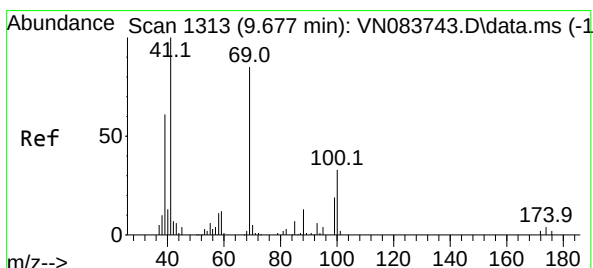
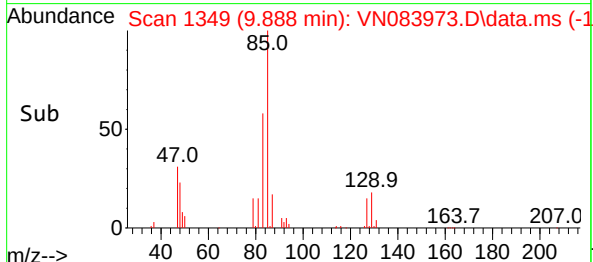
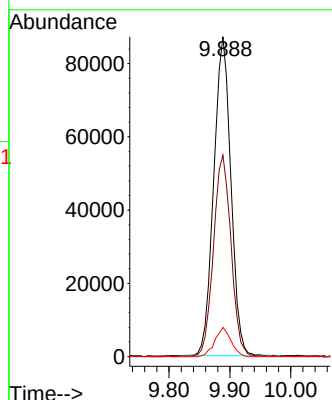
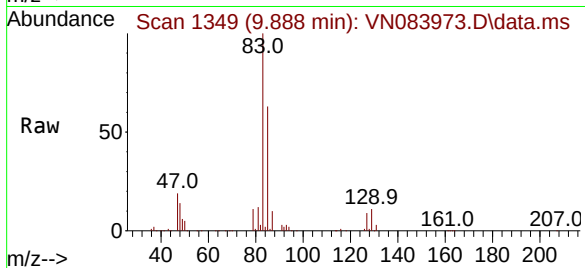
Tgt Ion: 83 Resp: 170205

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.8

127 9.2 6.6 9.8



#48

Methyl methacrylate

Concen: 55.322 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

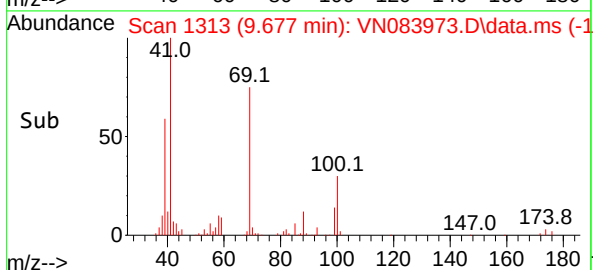
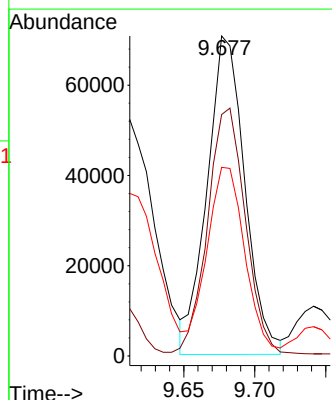
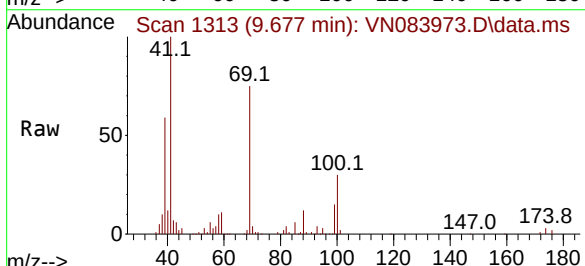
Tgt Ion: 41 Resp: 130340

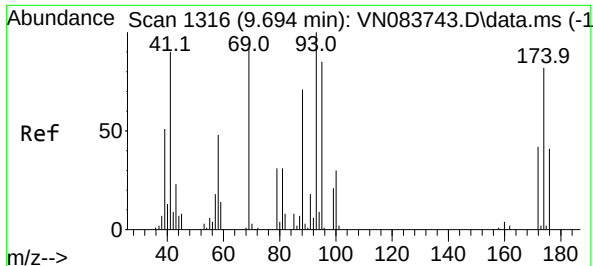
Ion Ratio Lower Upper

41 100

69 77.8 64.3 96.5

39 61.0 48.9 73.3





#49

1,4-Dioxane

Concen: 1093.936 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

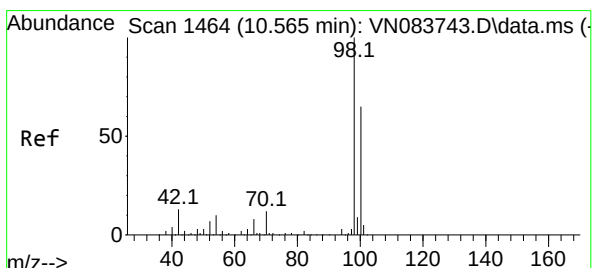
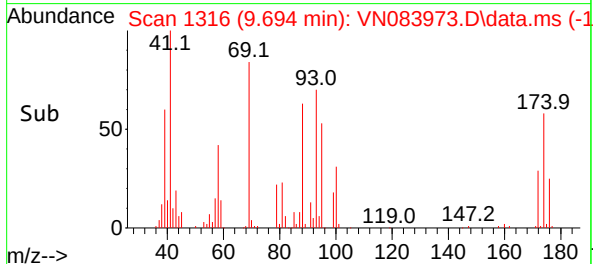
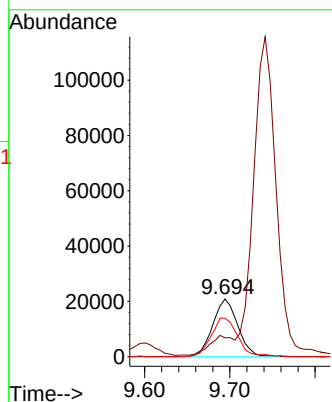
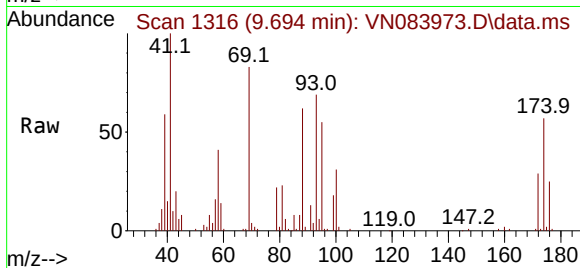
Tgt Ion: 88 Resp: 42399

Ion Ratio Lower Upper

88 100

43 33.1 0.0 0.0#

58 71.3 57.1 85.7



#50

Toluene-d8

Concen: 51.508 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083973.D

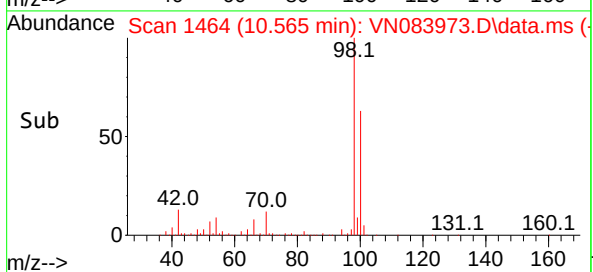
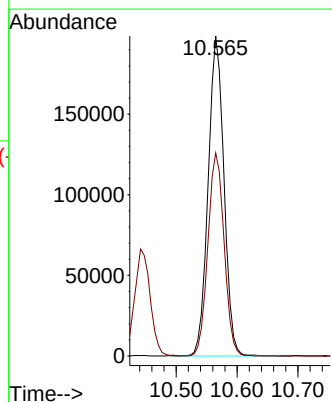
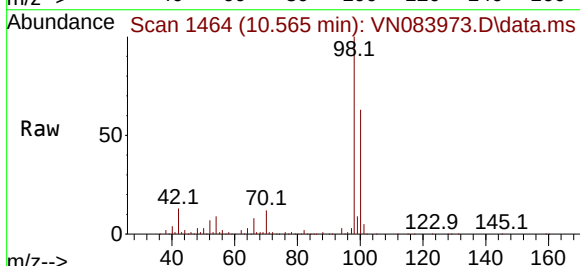
Acq: 18 Sep 2024 09:32

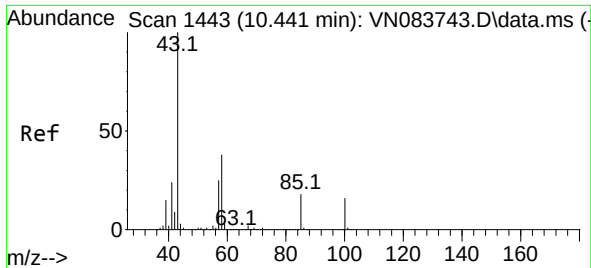
Tgt Ion: 98 Resp: 357168

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

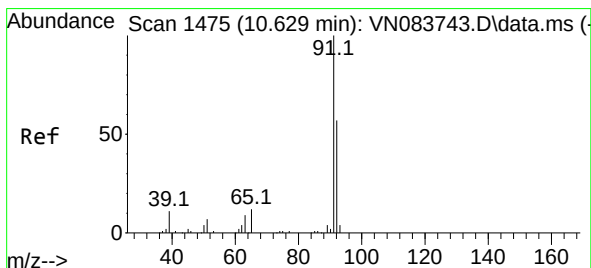
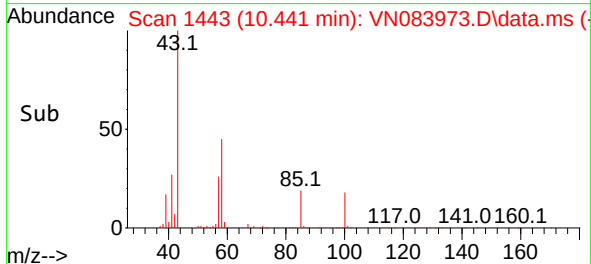
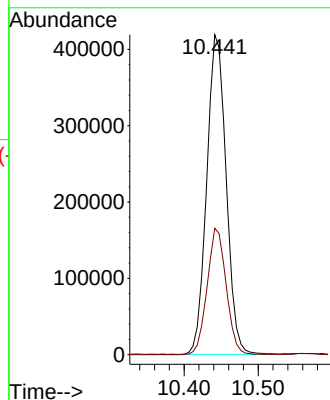
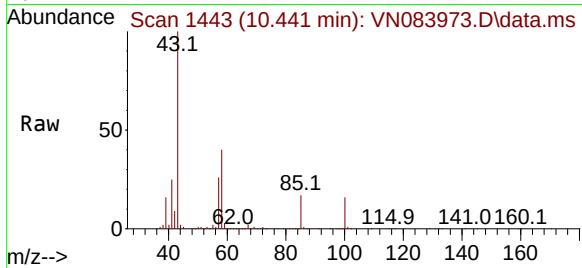




#51
4-Methyl-2-Pentanone
Concen: 282.175 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

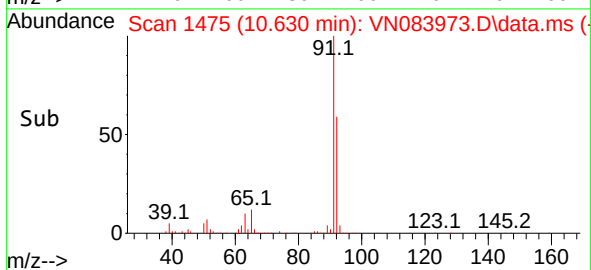
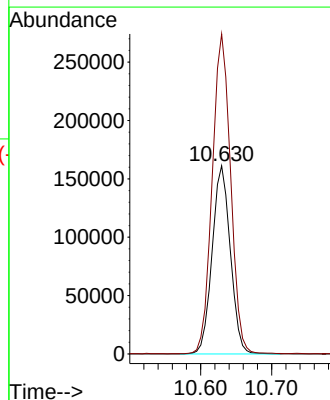
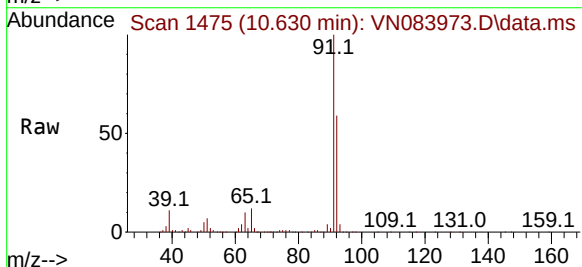
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

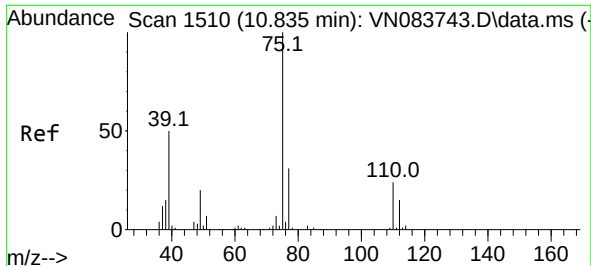
Tgt Ion: 43 Resp: 762776
Ion Ratio Lower Upper
43 100
58 38.8 31.6 47.4



#52
Toluene
Concen: 51.448 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 92 Resp: 285959
Ion Ratio Lower Upper
92 100
91 172.1 134.7 202.1

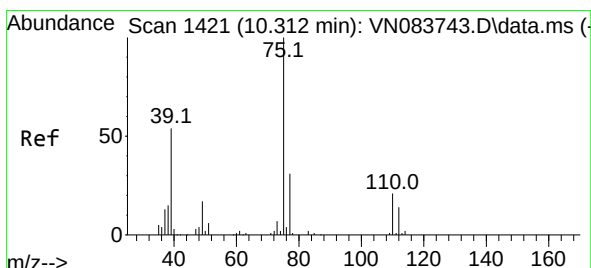
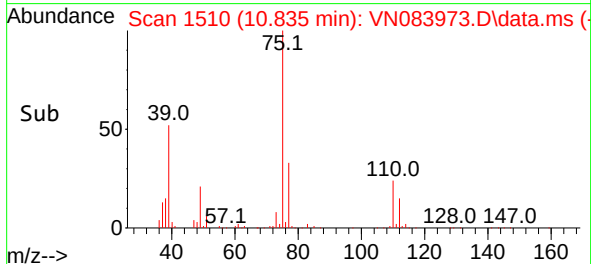
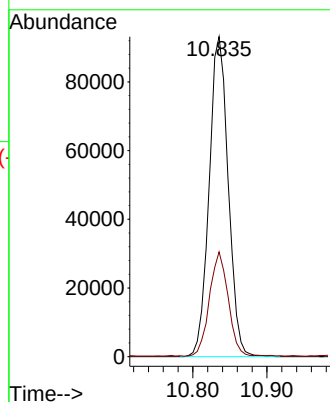
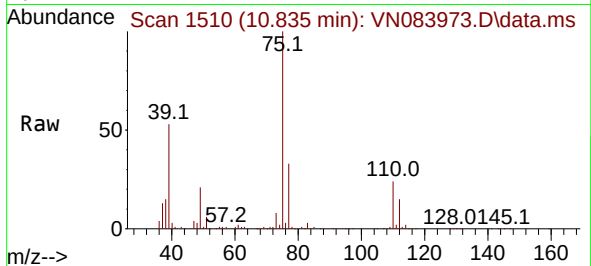




#53
t-1,3-Dichloropropene
Concen: 49.373 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

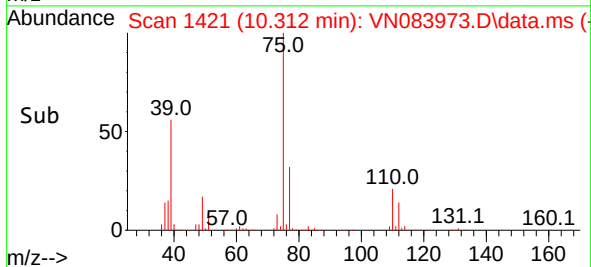
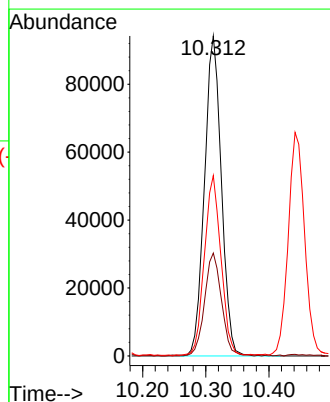
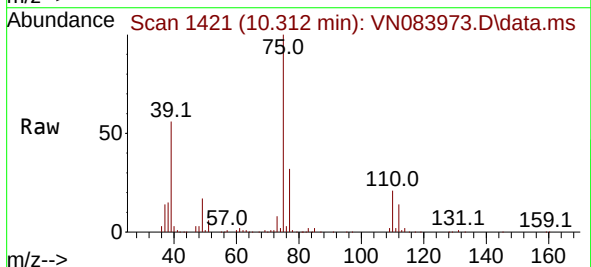
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

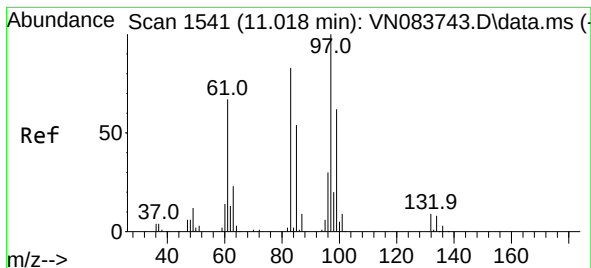
Tgt Ion: 75 Resp: 166614
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 49.421 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 75 Resp: 175187
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 56.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 51.172 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 106183

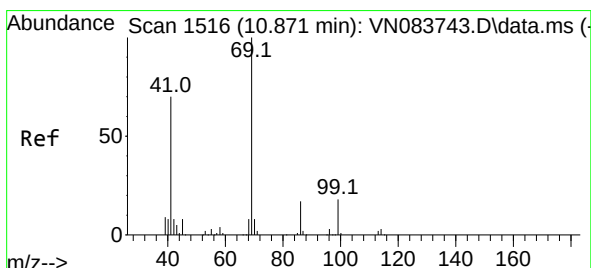
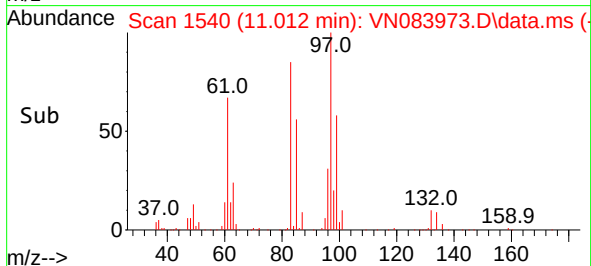
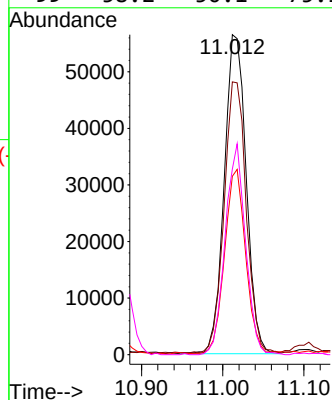
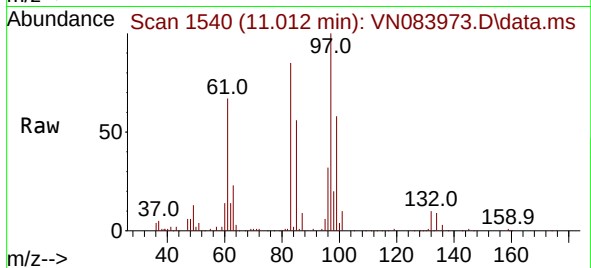
Ion Ratio Lower Upper

97 100

83 84.9 67.5 101.3

85 55.3 44.2 66.2

99 58.2 50.1 75.1



#56

Ethyl methacrylate

Concen: 58.730 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

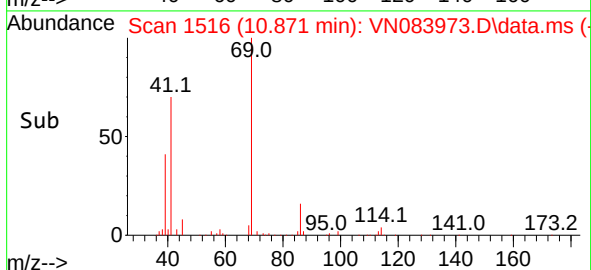
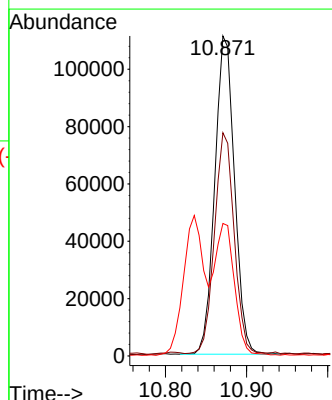
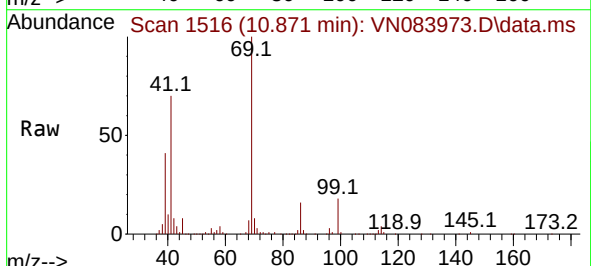
Tgt Ion: 69 Resp: 187496

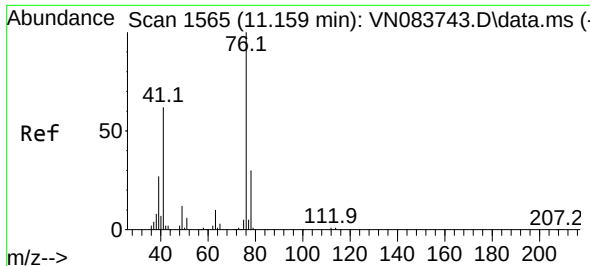
Ion Ratio Lower Upper

69 100

41 69.1 53.9 80.9

39 41.3 32.6 48.8





#57

1,3-Dichloropropane

Concen: 52.209 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

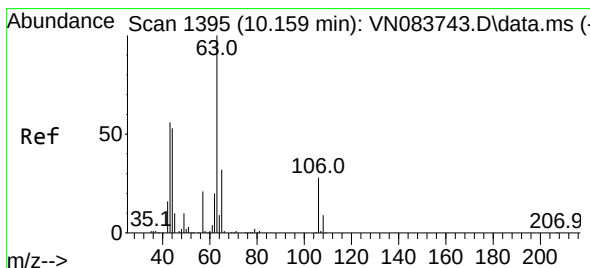
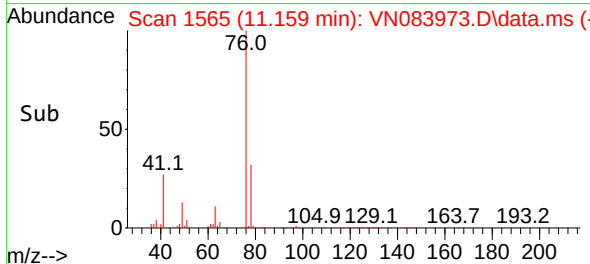
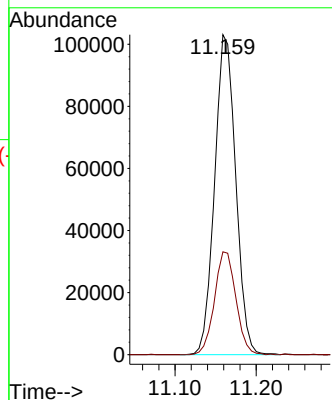
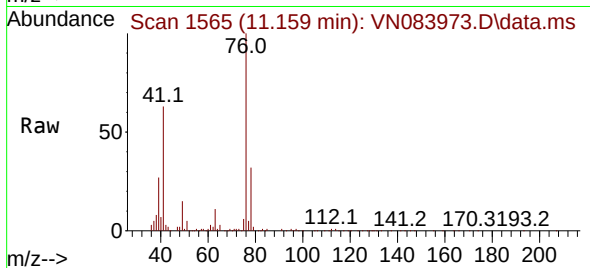
VSTDCCC050EC

Tgt Ion: 76 Resp: 186196

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 328.783 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083973.D

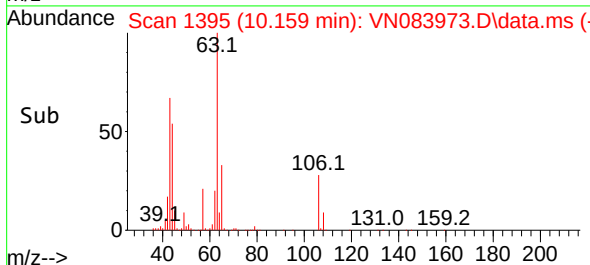
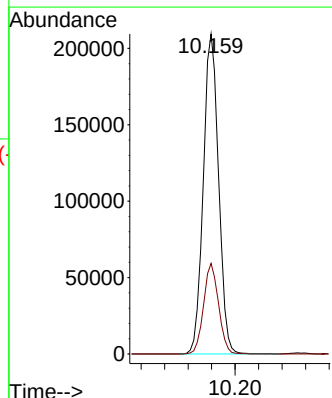
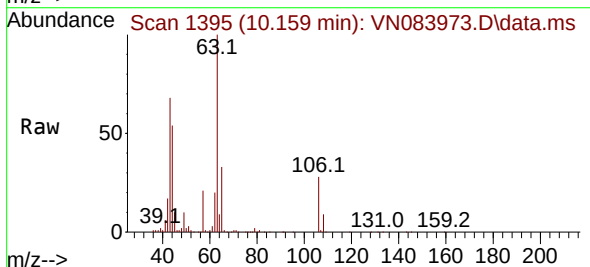
Acq: 18 Sep 2024 09:32

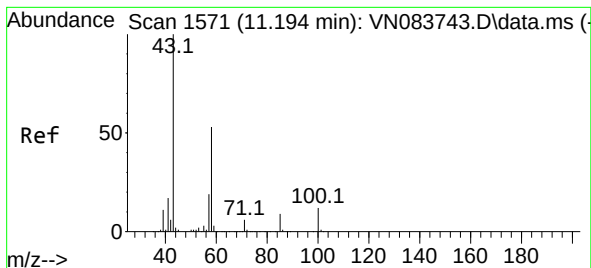
Tgt Ion: 63 Resp: 378212

Ion Ratio Lower Upper

63 100

106 27.6 23.3 34.9





#59

2-Hexanone

Concen: 277.663 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

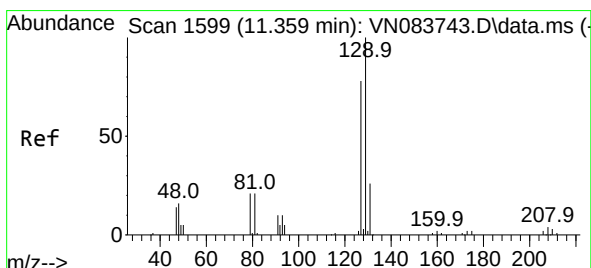
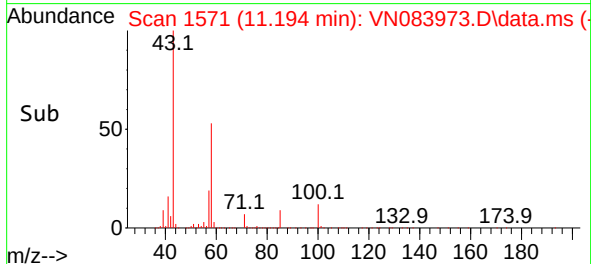
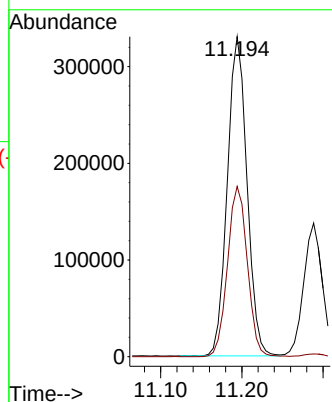
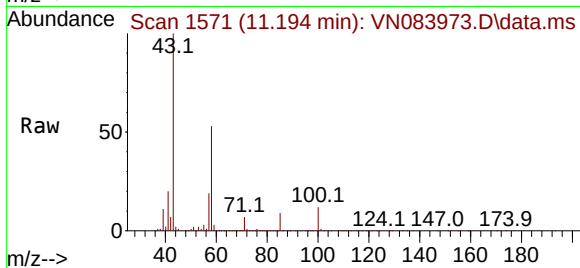
VSTDCCC050EC

Tgt Ion: 43 Resp: 555223

Ion Ratio Lower Upper

43 100

58 53.8 27.2 81.5



#60

Dibromochloromethane

Concen: 54.454 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN083973.D

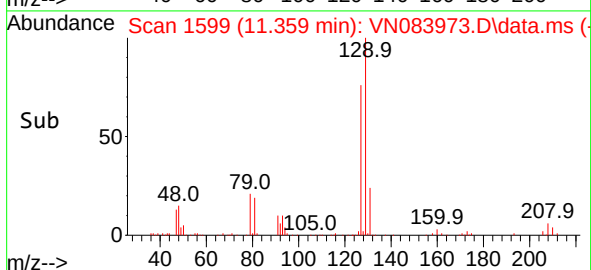
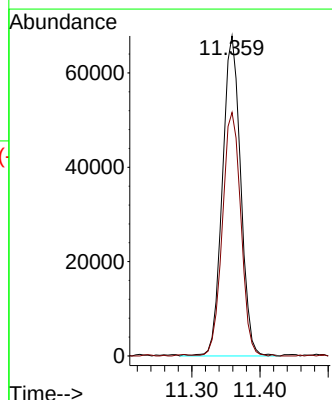
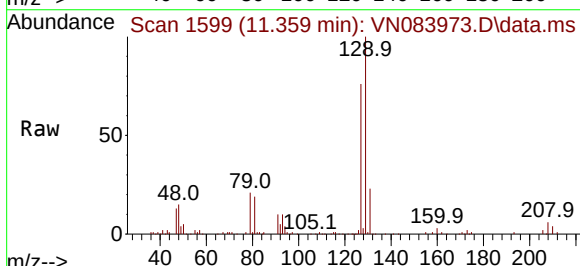
Acq: 18 Sep 2024 09:32

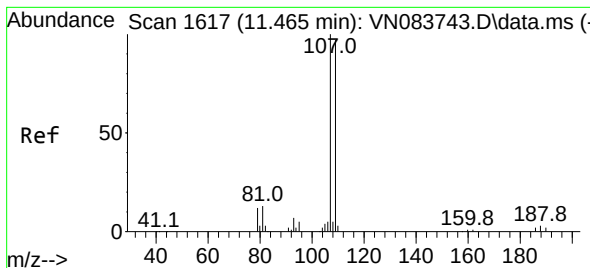
Tgt Ion:129 Resp: 126457

Ion Ratio Lower Upper

129 100

127 76.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 52.585 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

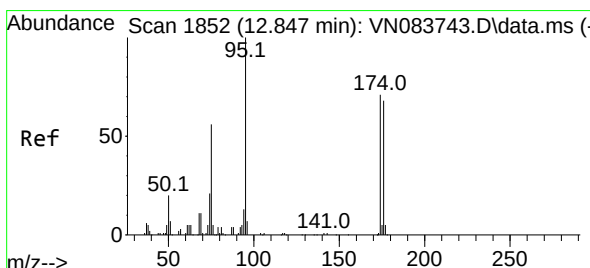
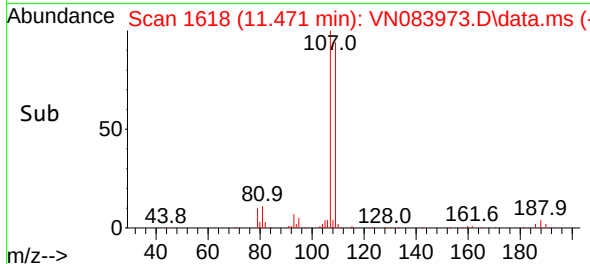
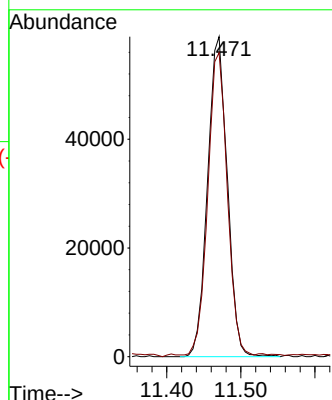
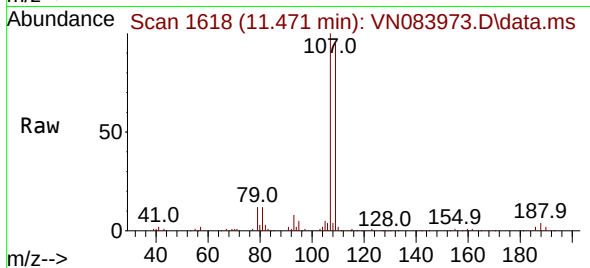
VSTDCCC050EC

Tgt Ion:107 Resp: 108822

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.572 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

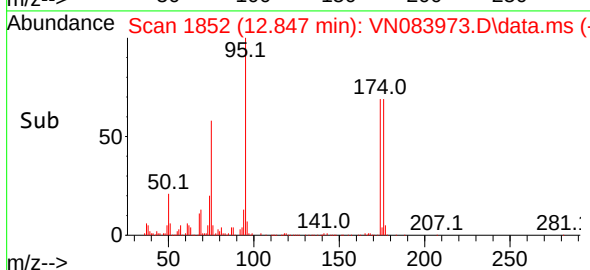
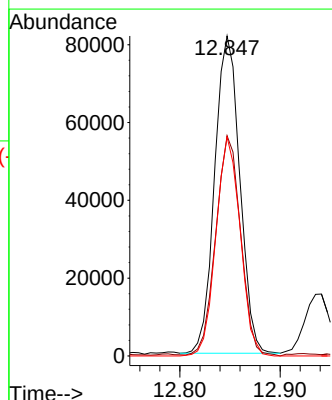
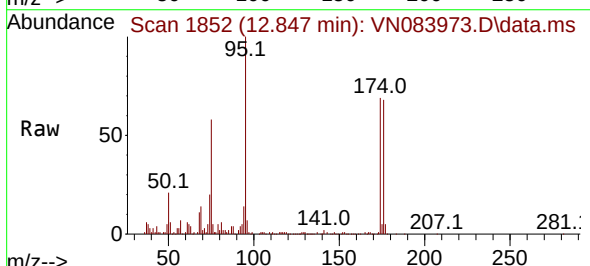
Tgt Ion: 95 Resp: 141820

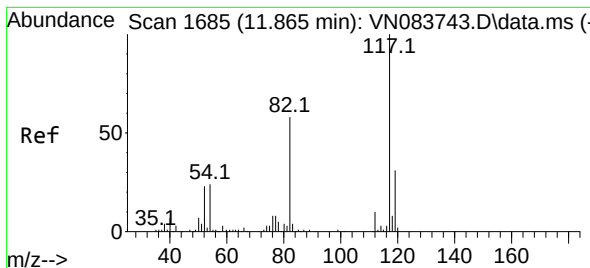
Ion Ratio Lower Upper

95 100

174 68.9 0.0 139.8

176 66.5 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

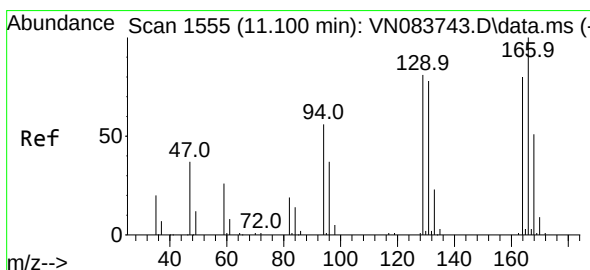
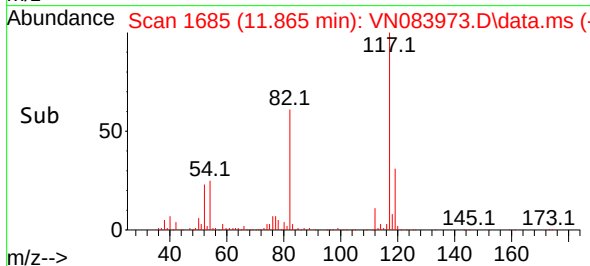
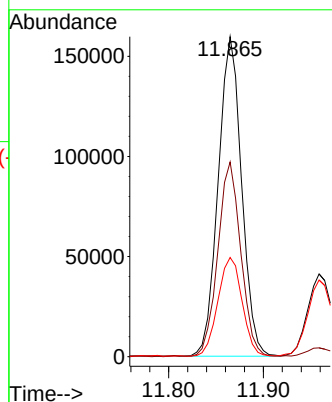
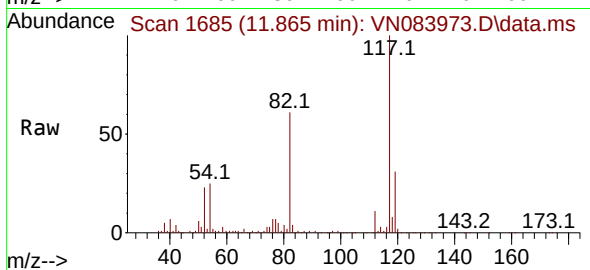
Tgt Ion:117 Resp: 274149

Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.0

119 30.7 26.3 39.5



#64

Tetrachloroethene

Concen: 53.241 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Tgt Ion:164 Resp: 97067

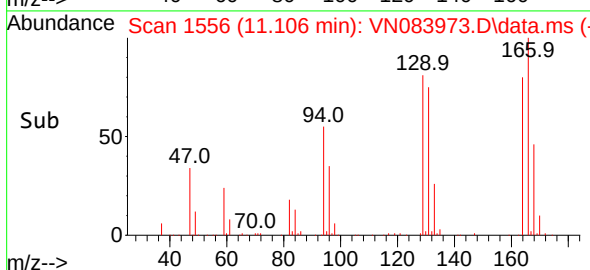
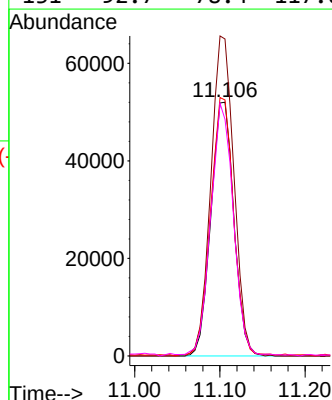
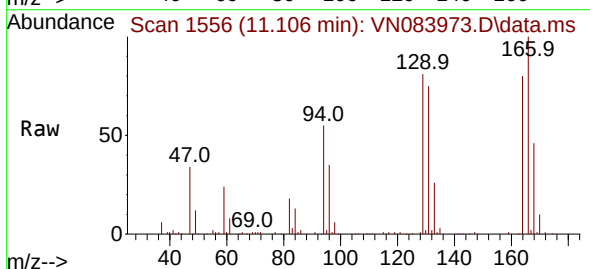
Ion Ratio Lower Upper

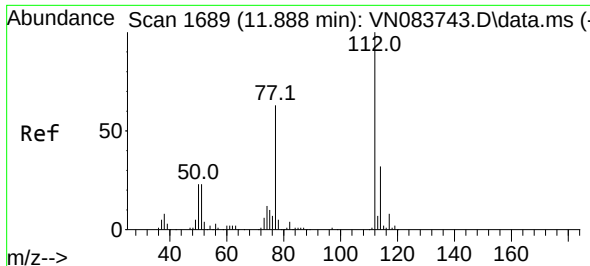
164 100

166 124.9 103.7 155.5

129 100.5 79.9 119.9

131 92.7 78.4 117.6

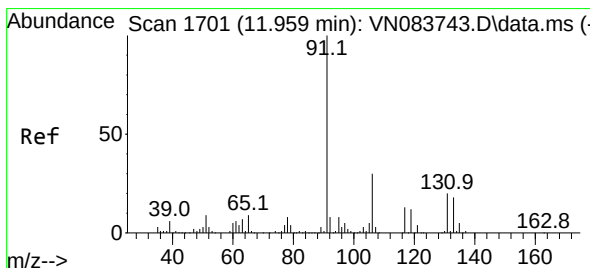
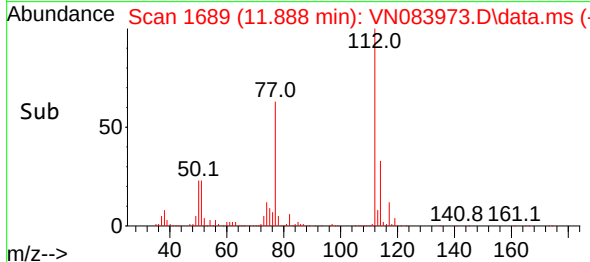
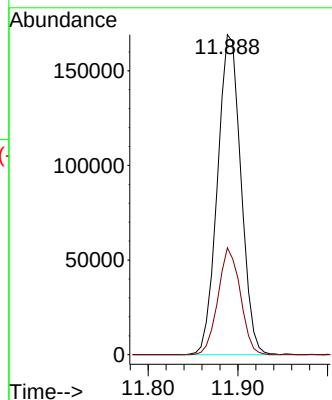
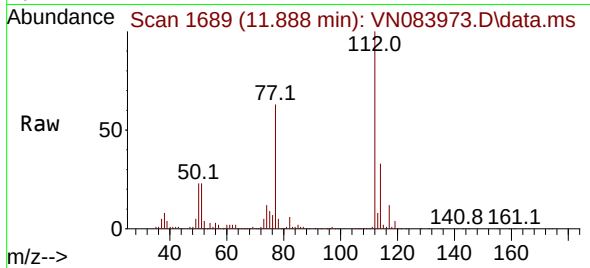




#65
Chlorobenzene
Concen: 50.321 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

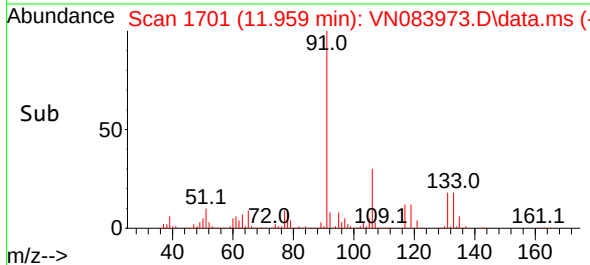
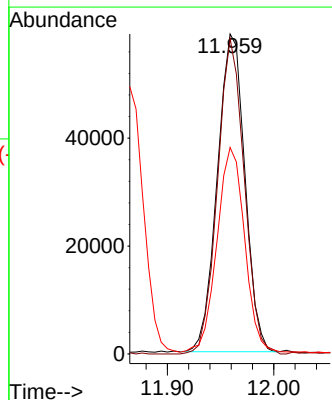
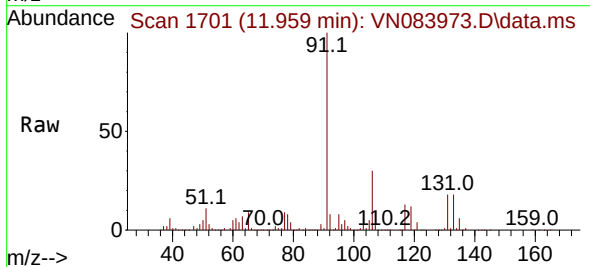
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

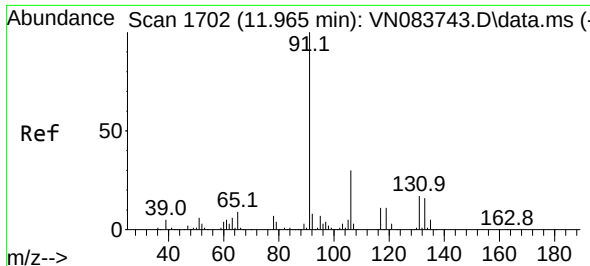
Tgt Ion:112 Resp: 306610
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.115 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:131 Resp: 105857
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 65.4 31.6 94.8

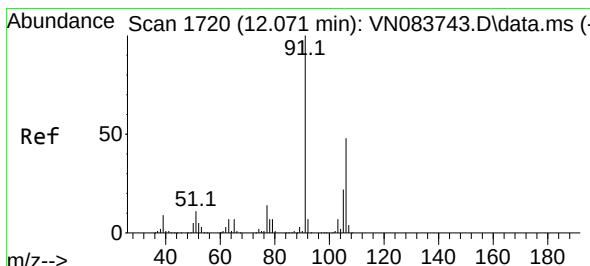
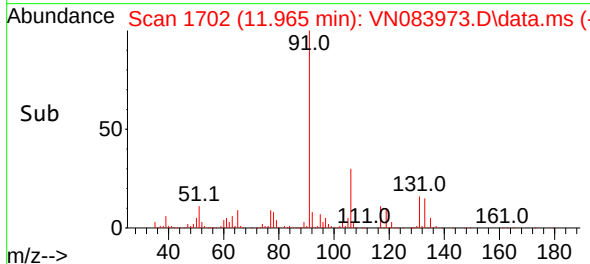
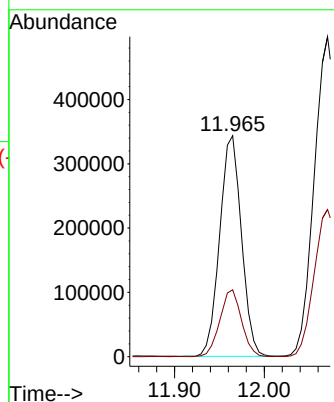
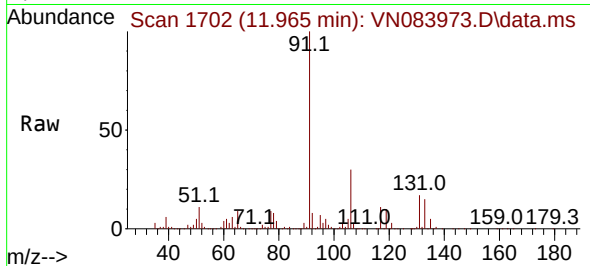




#67
Ethyl Benzene
Concen: 53.345 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

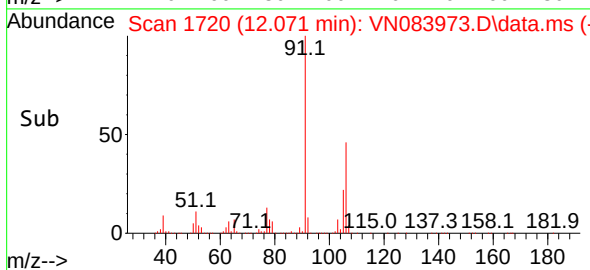
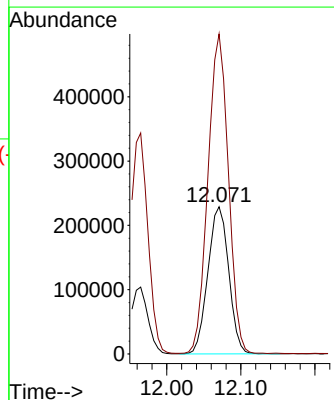
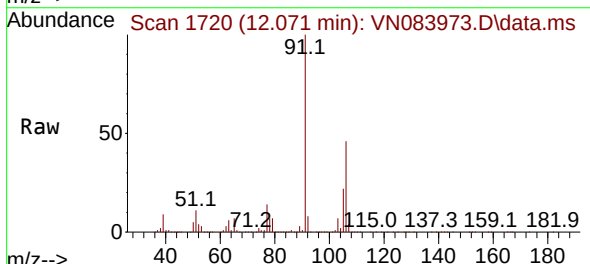
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

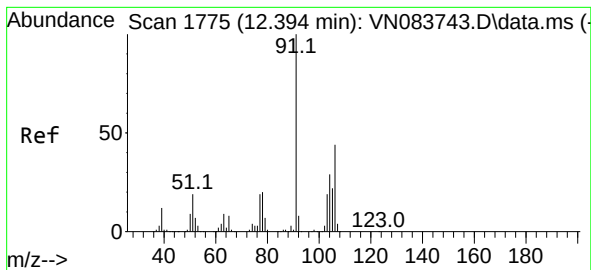
Tgt Ion: 91 Resp: 577403
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 111.014 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:106 Resp: 446115
Ion Ratio Lower Upper
106 100
91 213.1 169.2 253.8

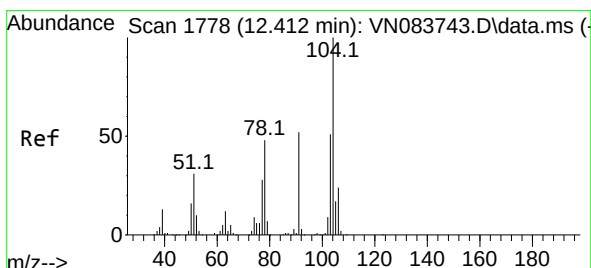
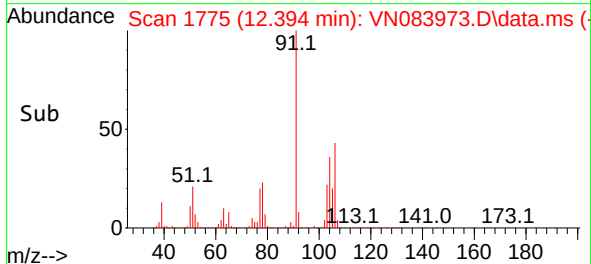
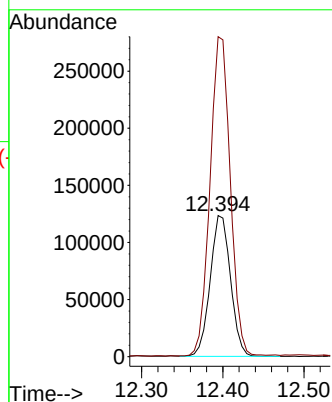
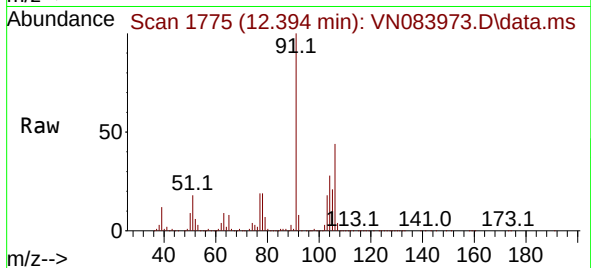




#69
o-Xylene
Concen: 55.124 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

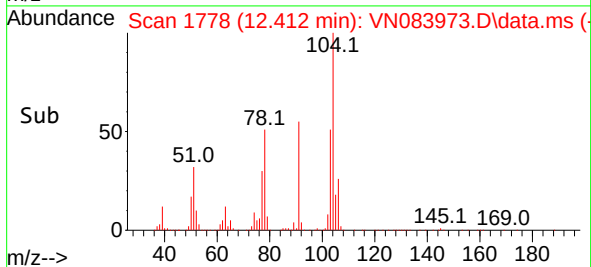
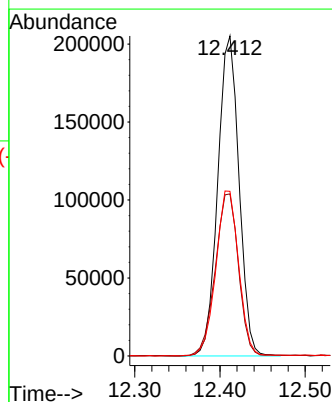
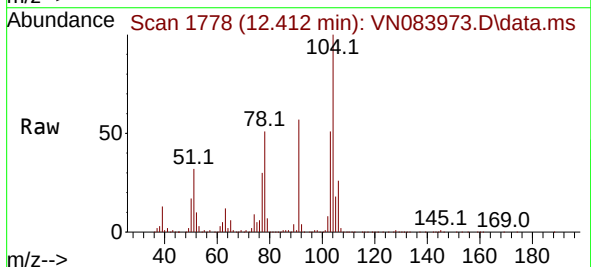
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

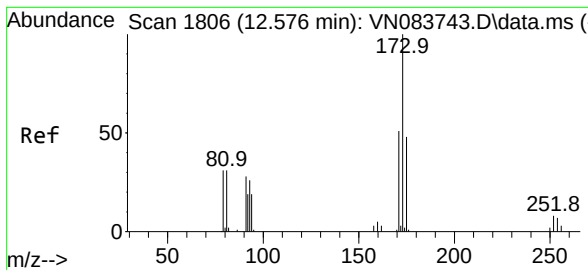
Tgt Ion:106 Resp: 214445
Ion Ratio Lower Upper
106 100
91 225.8 112.9 338.6



#70
Styrene
Concen: 55.739 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:104 Resp: 355865
Ion Ratio Lower Upper
104 100
78 55.6 43.3 64.9
103 55.4 43.4 65.2

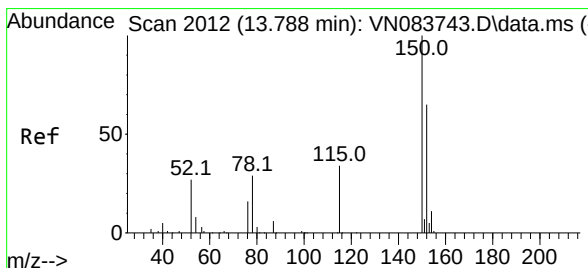
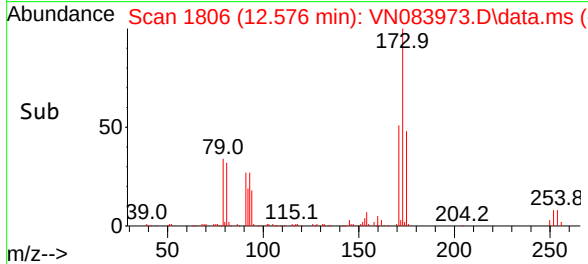
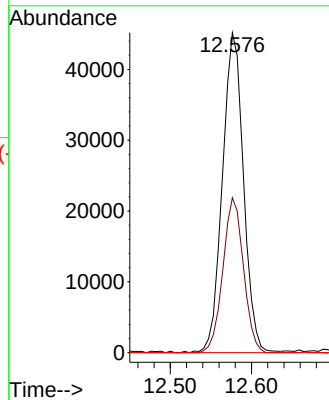
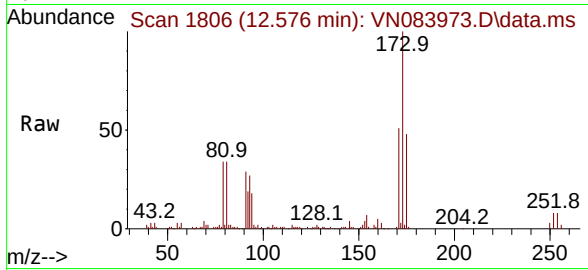




#71
Bromoform
Concen: 57.306 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

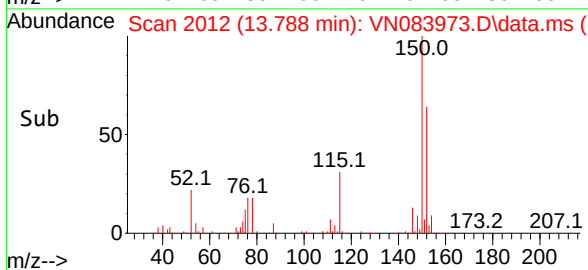
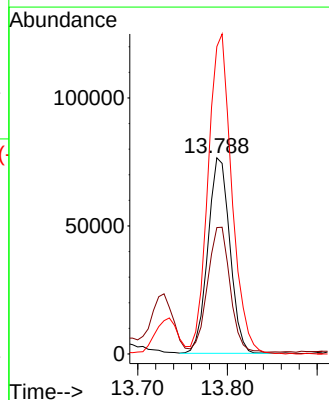
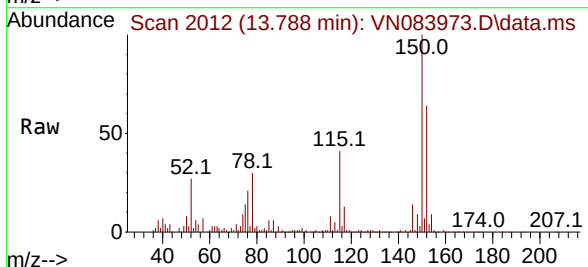
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

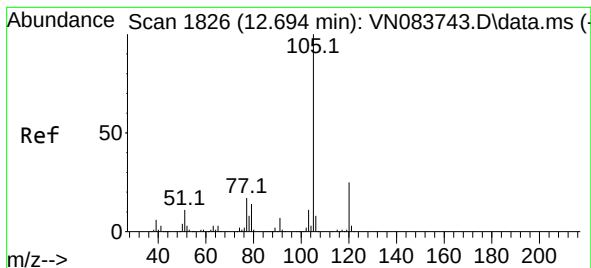
Tgt Ion:173 Resp: 81569
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion:152 Resp: 130150
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 176.9 0.0 348.6





#73

Isopropylbenzene

Concen: 54.526 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

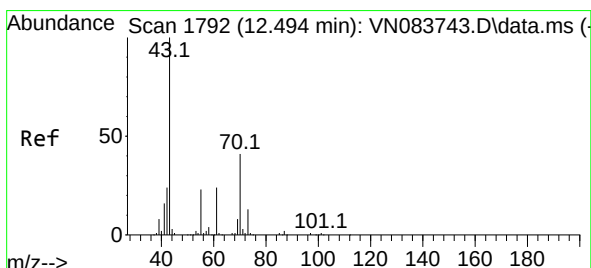
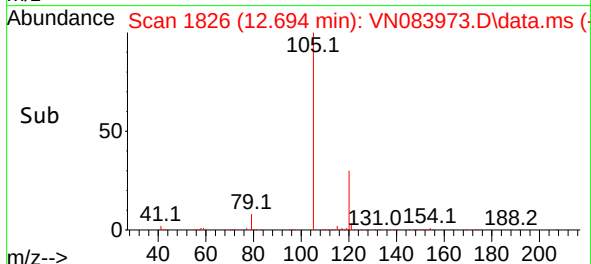
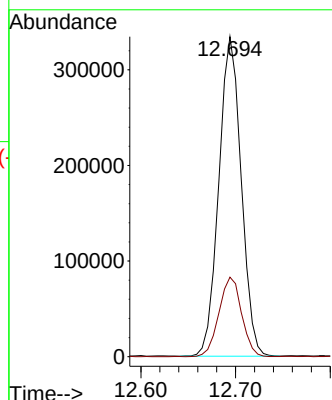
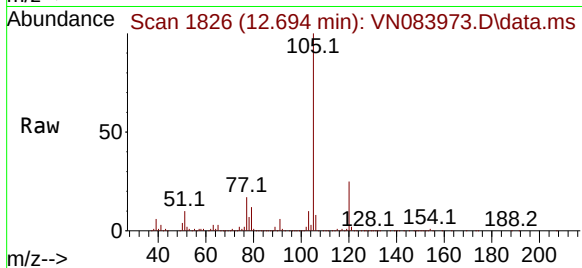
VSTDCCC050EC

Tgt Ion:105 Resp: 549033

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 55.768 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Tgt Ion: 43 Resp: 239583

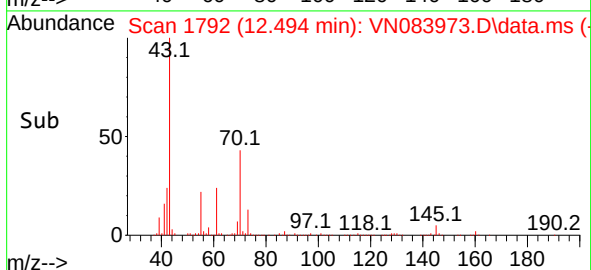
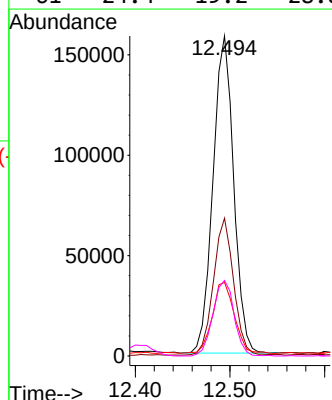
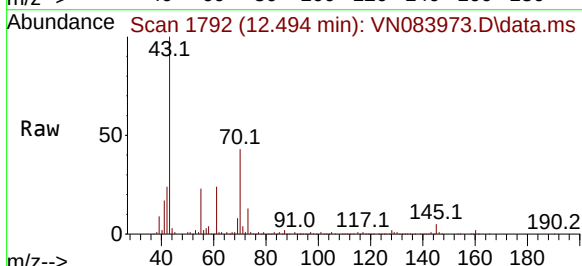
Ion Ratio Lower Upper

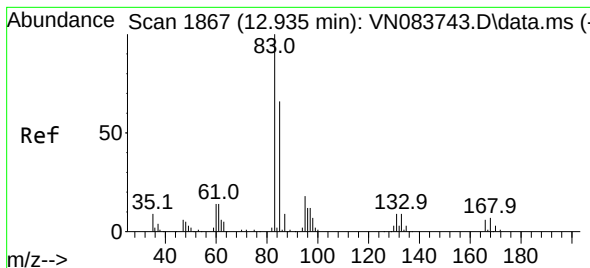
43 100

70 42.2 34.5 51.7

55 23.9 18.6 28.0

61 24.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.141 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

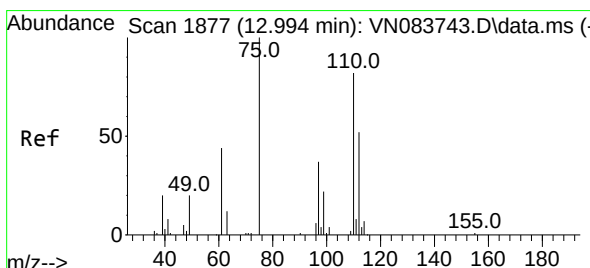
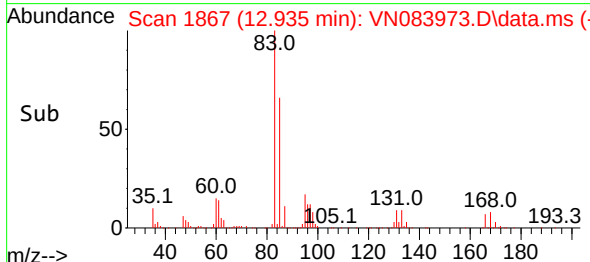
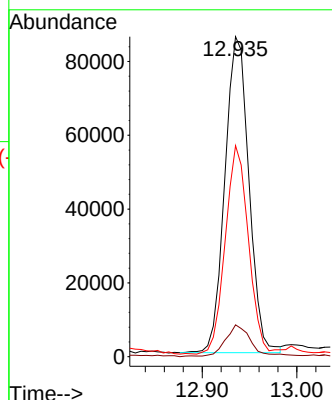
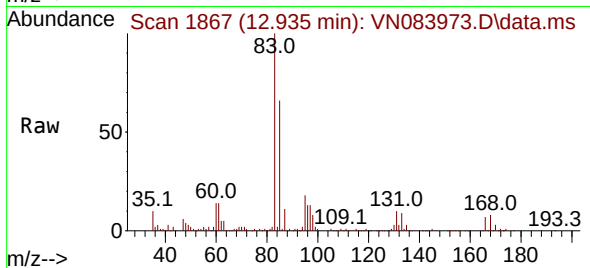
Tgt Ion: 83 Resp: 151302

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

85 63.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 74.373 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN083973.D

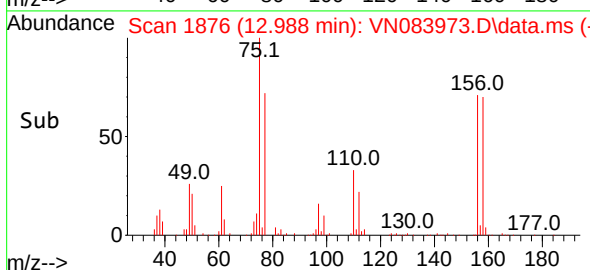
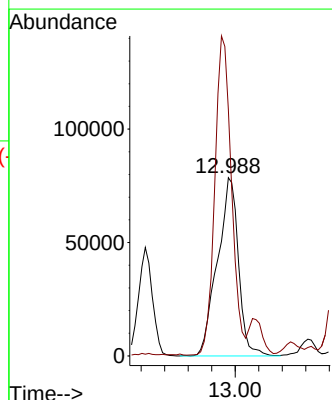
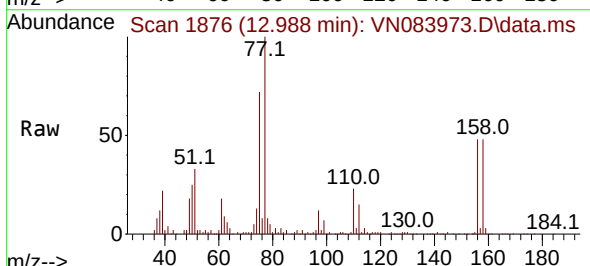
Acq: 18 Sep 2024 09:32

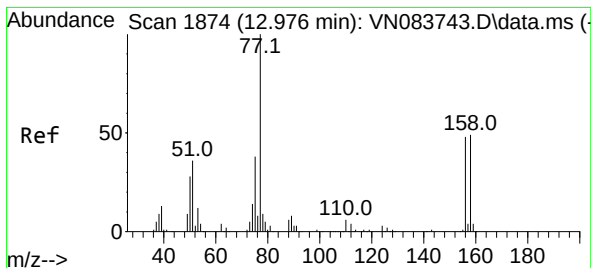
Tgt Ion: 75 Resp: 195315

Ion Ratio Lower Upper

75 100

77 141.4 95.2 285.6





#77

Bromobenzene

Concen: 50.860 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

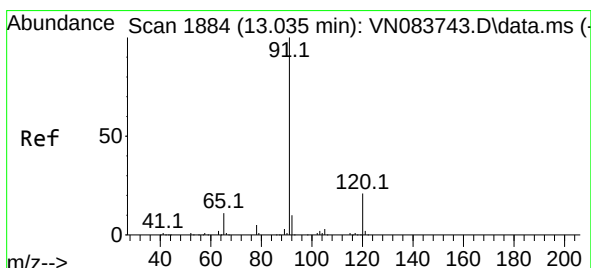
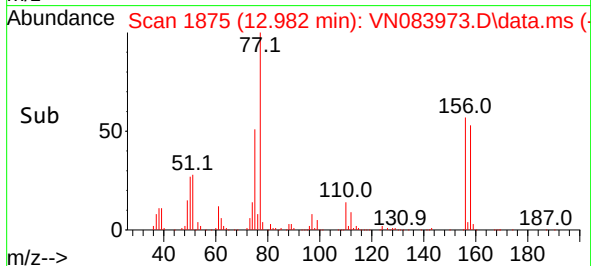
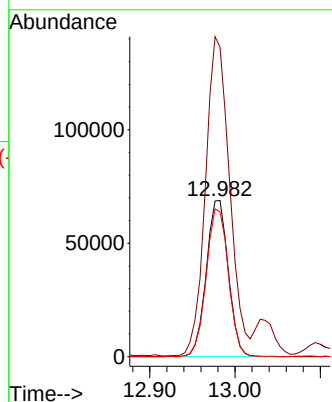
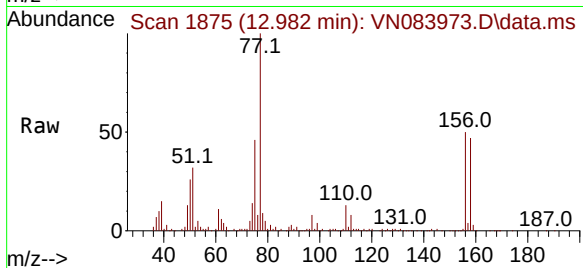
Tgt Ion:156 Resp: 123273

Ion Ratio Lower Upper

156 100

77 224.1 114.3 343.1

158 95.4 48.9 146.7



#78

n-propylbenzene

Concen: 54.763 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083973.D

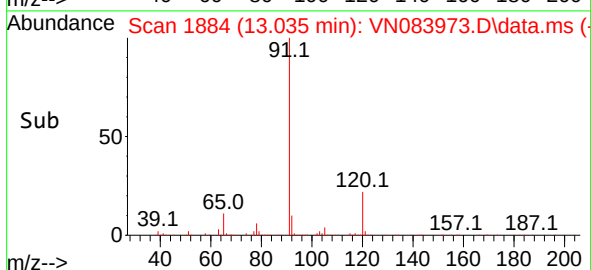
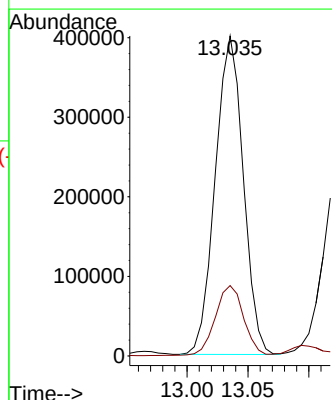
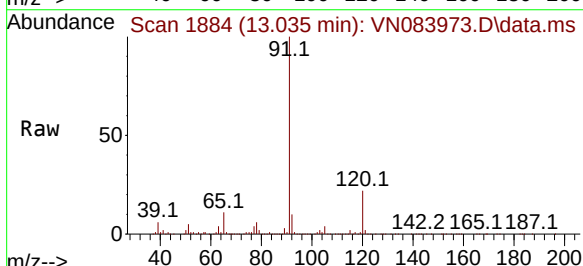
Acq: 18 Sep 2024 09:32

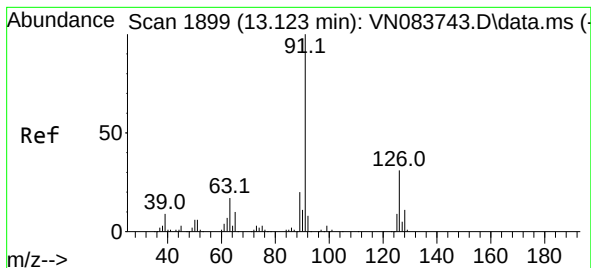
Tgt Ion: 91 Resp: 641589

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 53.148 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

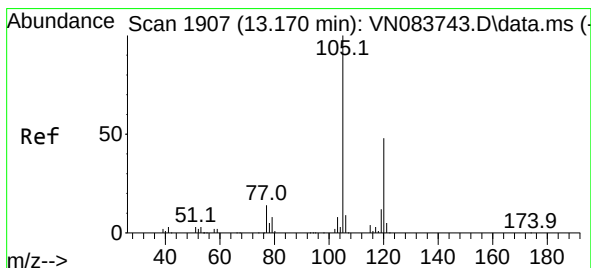
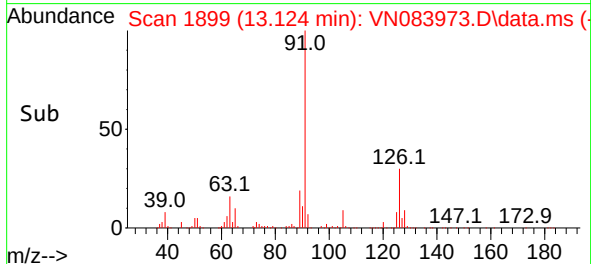
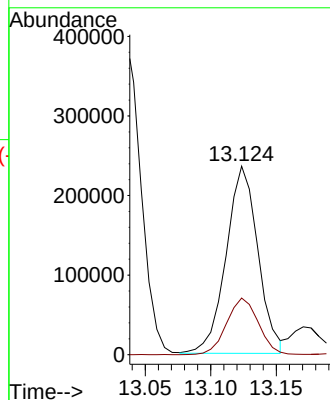
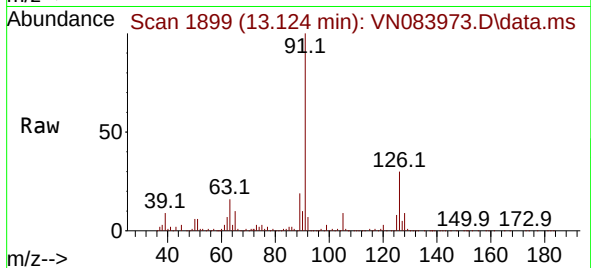
VSTDCCC050EC

Tgt Ion: 91 Resp: 397106

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 56.430 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083973.D

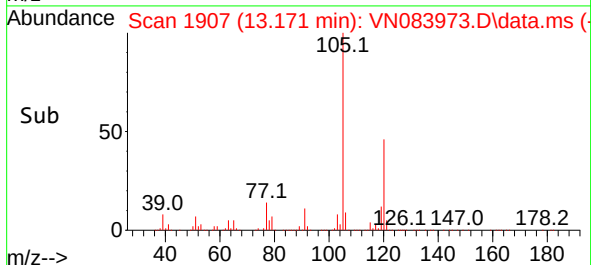
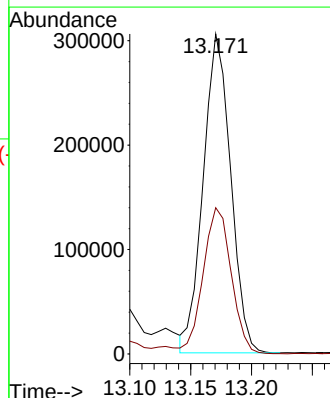
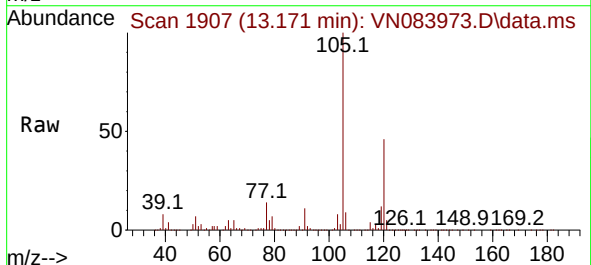
Acq: 18 Sep 2024 09:32

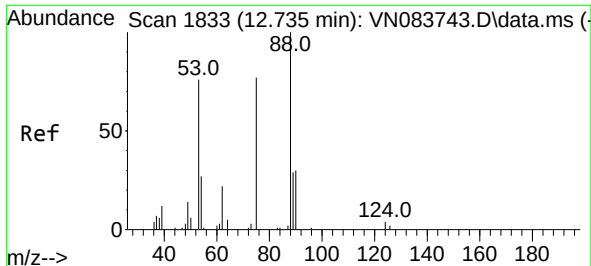
Tgt Ion: 105 Resp: 479053

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.3

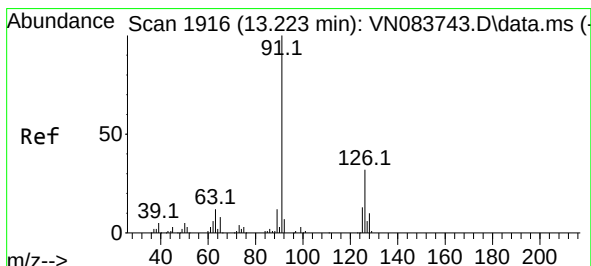
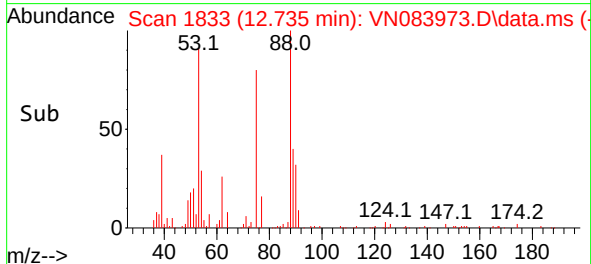
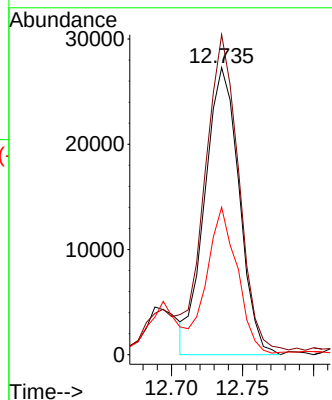
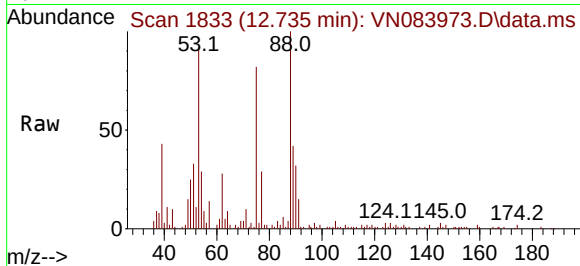




#81
trans-1,4-Dichloro-2-butene
Concen: 45.794 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

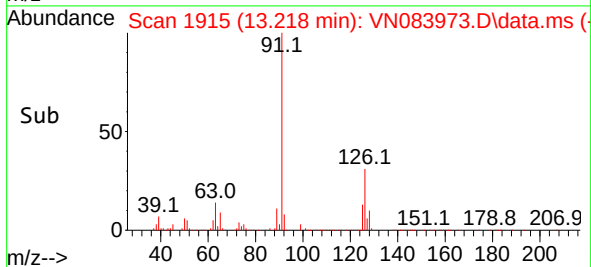
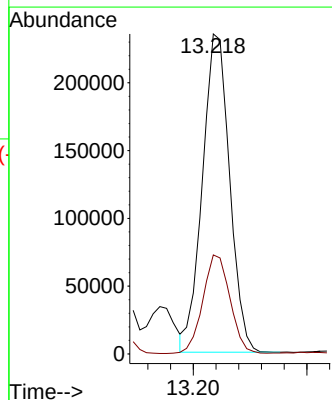
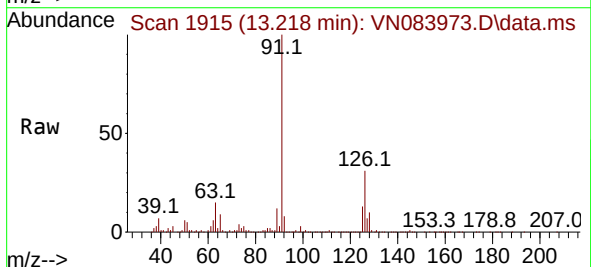
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

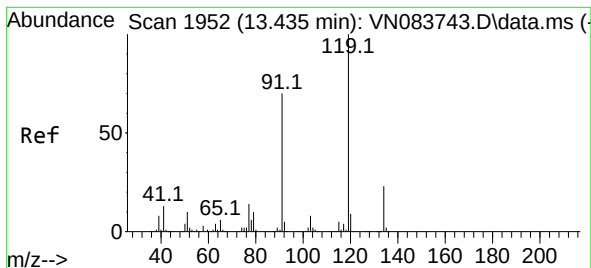
Tgt Ion: 75 Resp: 45918
Ion Ratio Lower Upper
75 100
53 109.4 81.2 121.8
89 44.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 52.107 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 91 Resp: 390697
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2





#83

tert-Butylbenzene

Concen: 52.849 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

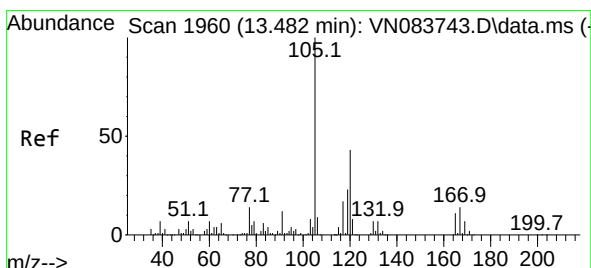
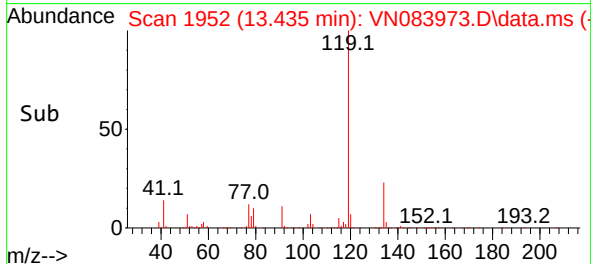
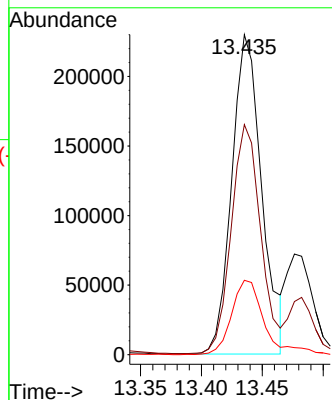
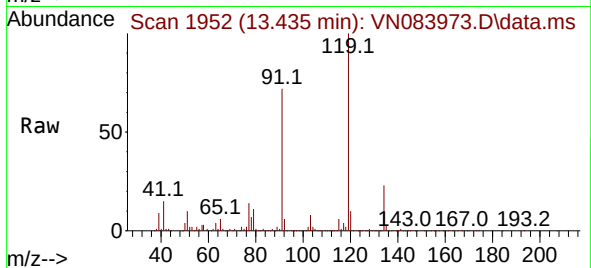
Tgt Ion:119 Resp: 392525

Ion Ratio Lower Upper

119 100

91 70.4 34.5 103.6

134 25.5 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 66.061 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083973.D

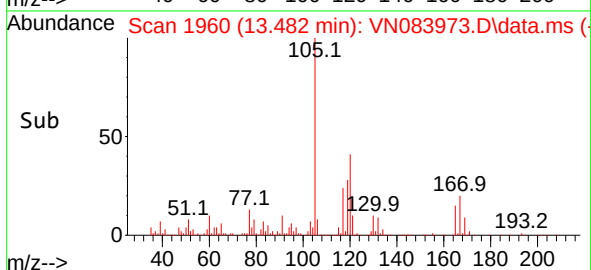
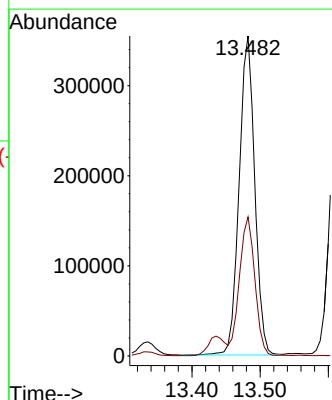
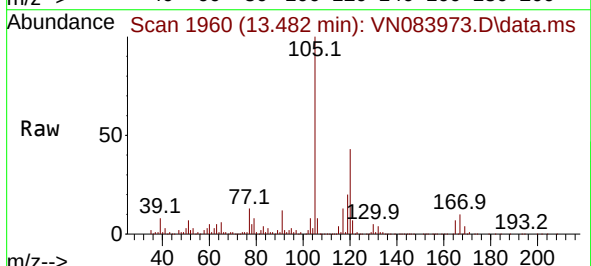
Acq: 18 Sep 2024 09:32

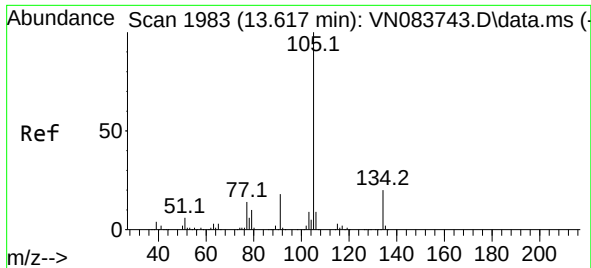
Tgt Ion:105 Resp: 563338

Ion Ratio Lower Upper

105 100

120 43.0 21.8 65.4

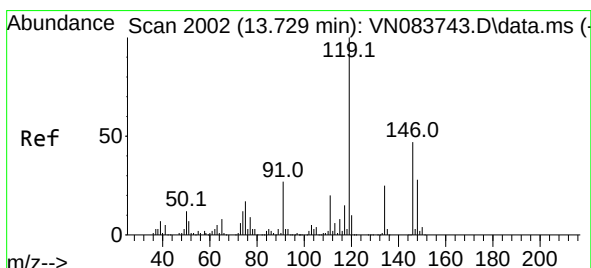
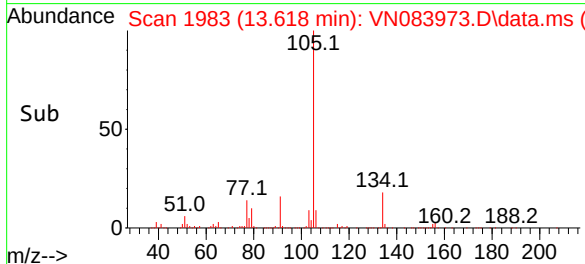
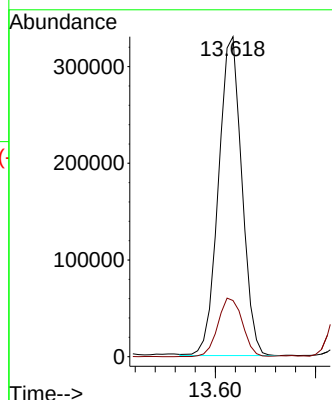
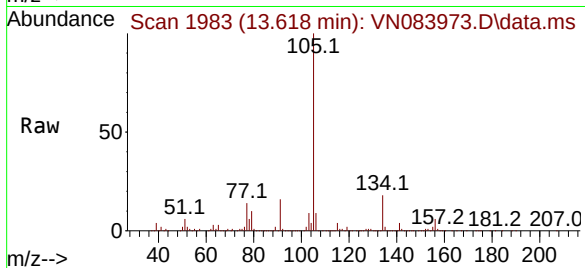




#85
 sec-Butylbenzene
 Concen: 54.108 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

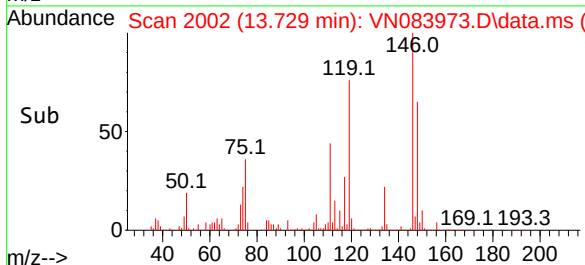
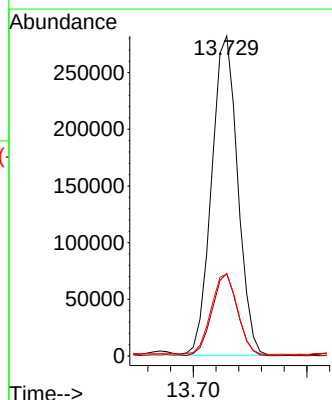
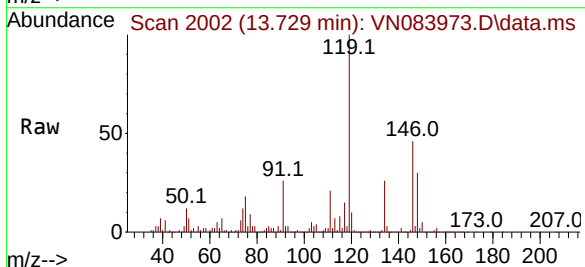
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

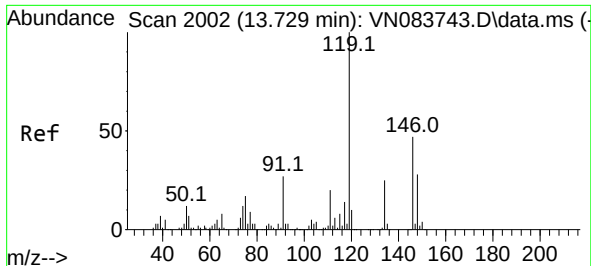
Tgt Ion:105 Resp: 532975
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.419 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Tgt Ion:119 Resp: 449340
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 25.3 12.9 38.7

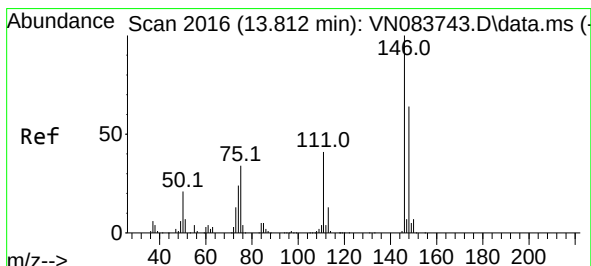
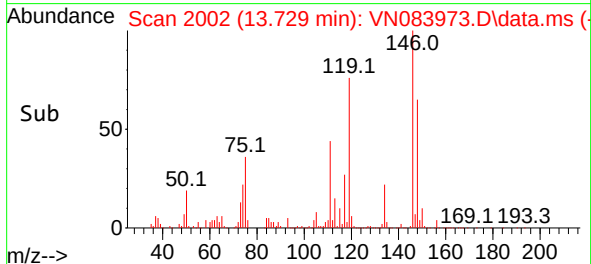
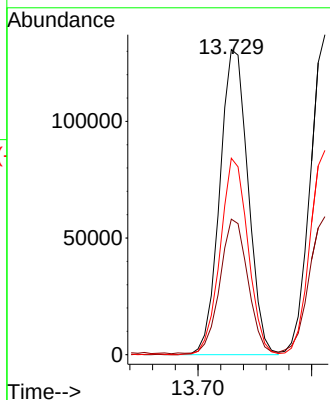
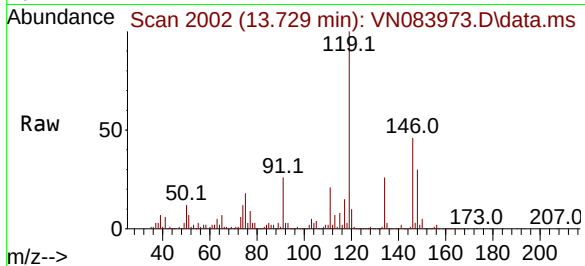




#87
 1,3-Dichlorobenzene
 Concen: 49.461 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

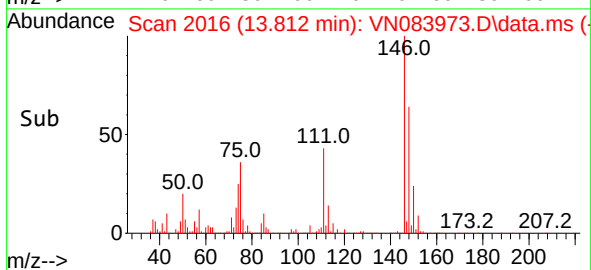
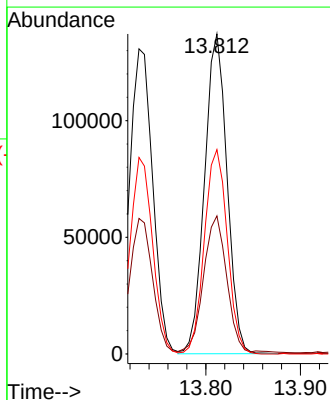
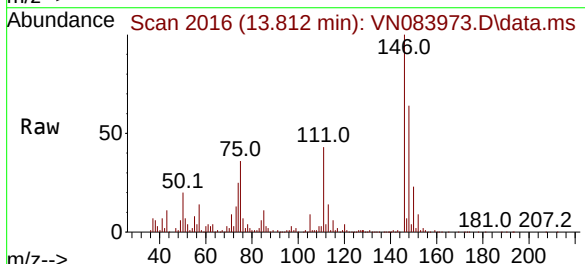
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

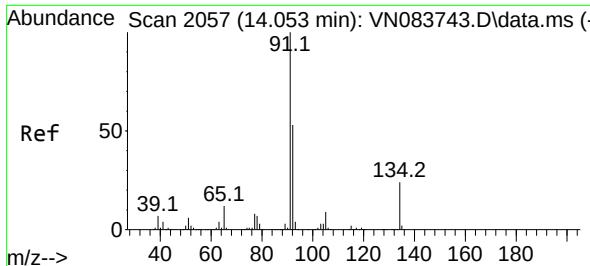
Tgt Ion:146 Resp: 226246
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.704 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Tgt Ion:146 Resp: 225588
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.3 64.0
 148 65.2 32.0 96.2

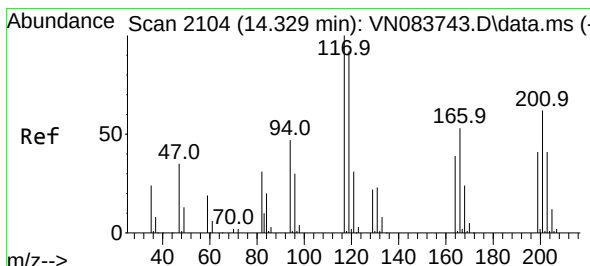
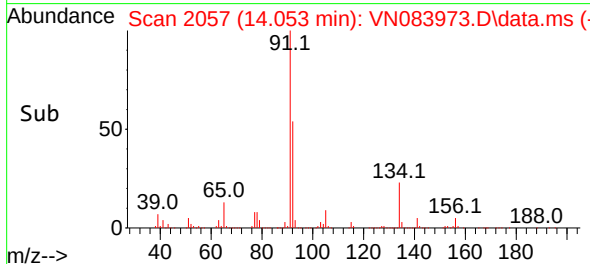
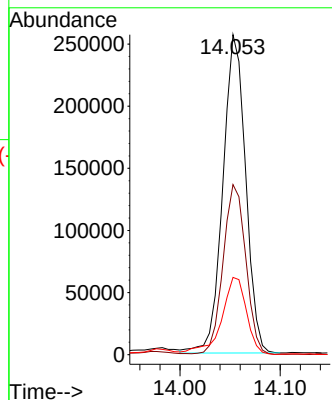
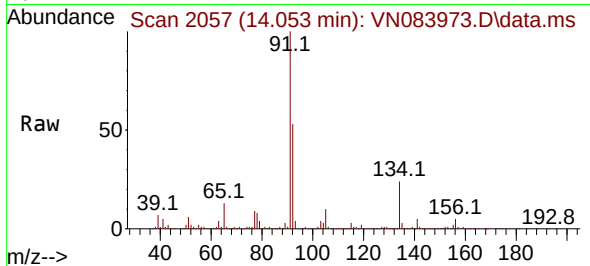




#89
n-Butylbenzene
Concen: 54.624 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

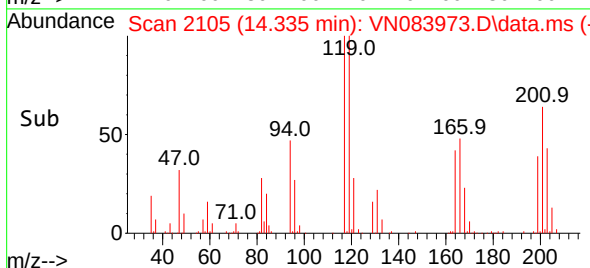
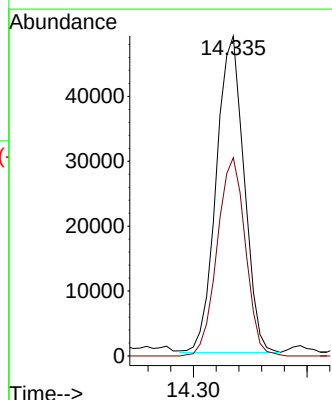
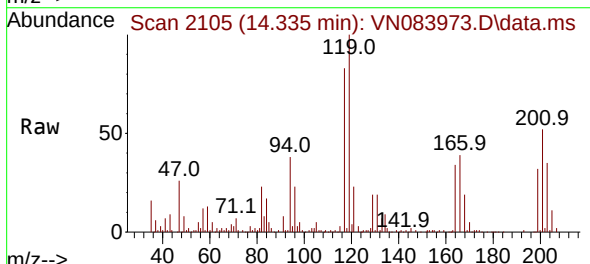
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

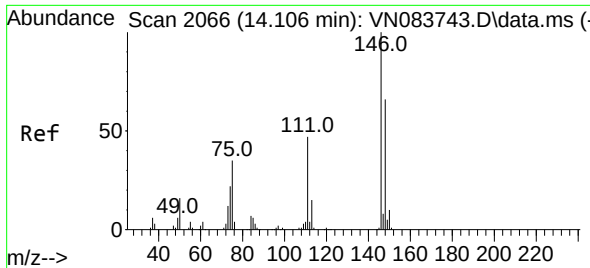
Tgt Ion: 91 Resp: 404960
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 26.4 12.2 36.4



#90
Hexachloroethane
Concen: 49.926 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Tgt Ion: 117 Resp: 82868
Ion Ratio Lower Upper
117 100
201 63.6 32.8 98.3

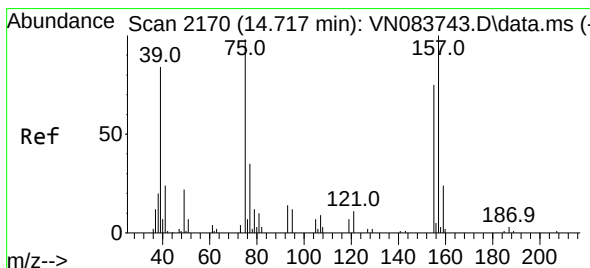
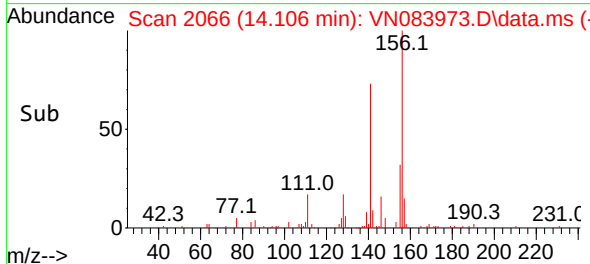
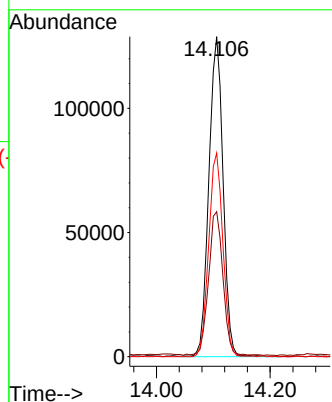
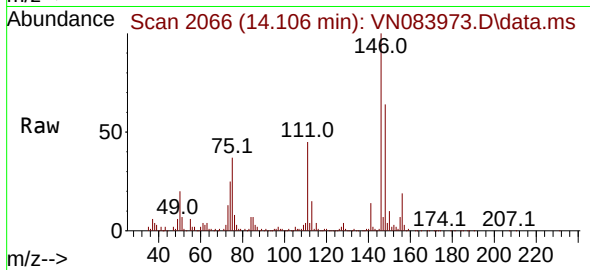




#91
 1,2-Dichlorobenzene
 Concen: 50.433 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

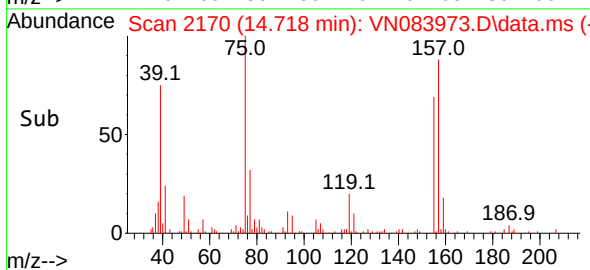
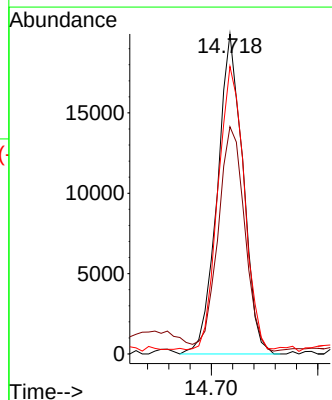
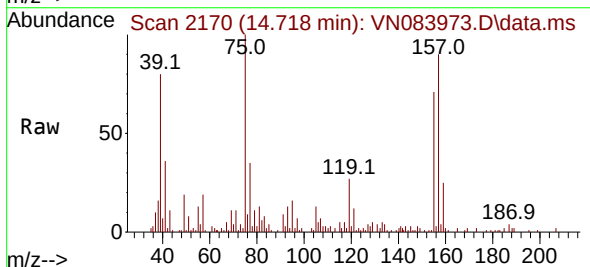
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

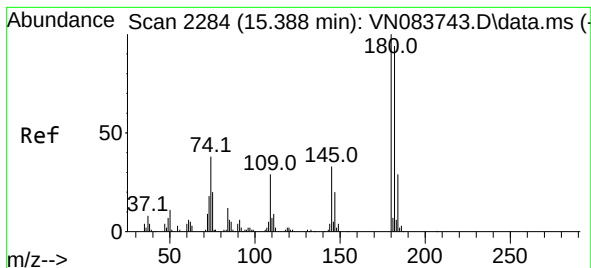
Tgt Ion:146 Resp: 222641
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.8 68.3
 148 63.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.389 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Tgt Ion: 75 Resp: 33256
 Ion Ratio Lower Upper
 75 100
 155 72.6 35.9 107.7
 157 90.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 49.435 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

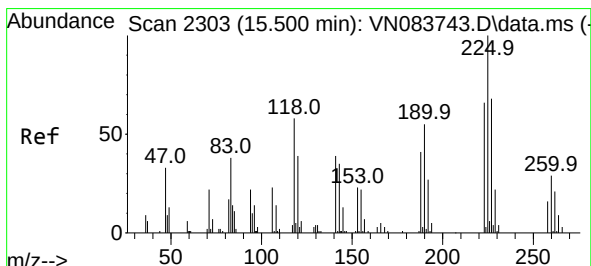
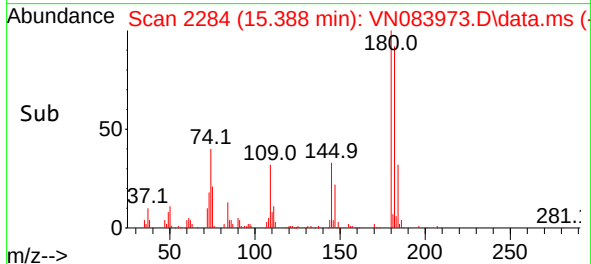
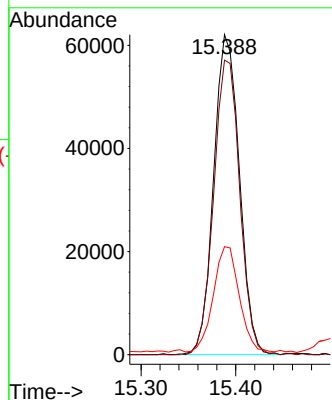
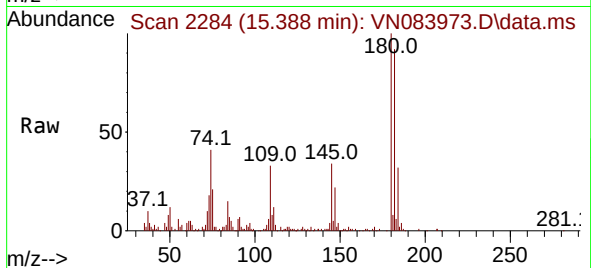
Tgt Ion:180 Resp: 117110

Ion Ratio Lower Upper

180 100

182 93.3 48.1 144.3

145 33.3 16.9 50.7



#94

Hexachlorobutadiene

Concen: 46.344 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

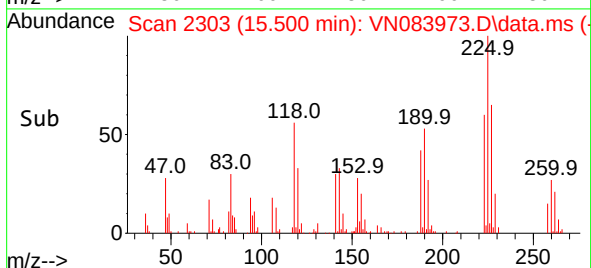
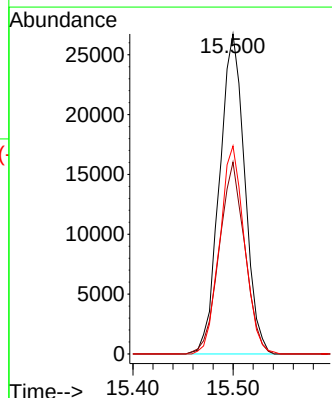
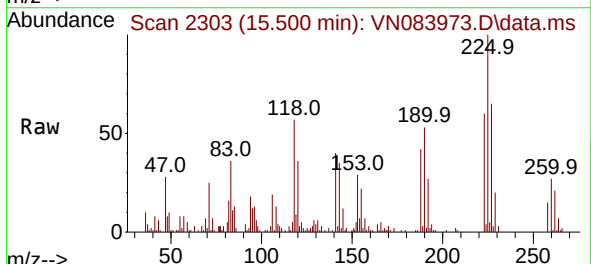
Tgt Ion:225 Resp: 46625

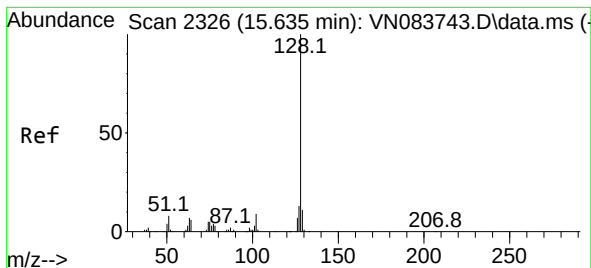
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.5

227 64.1 32.0 96.2





#95

Naphthalene

Concen: 69.259 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

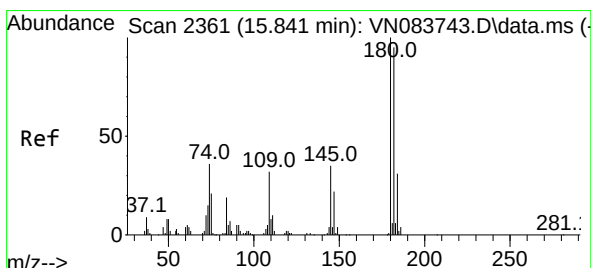
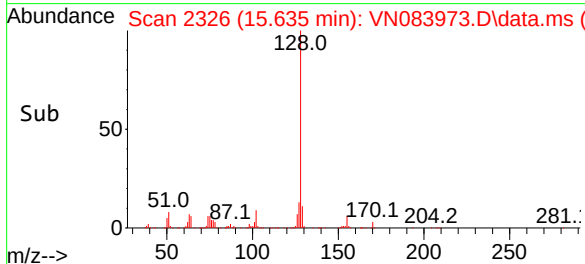
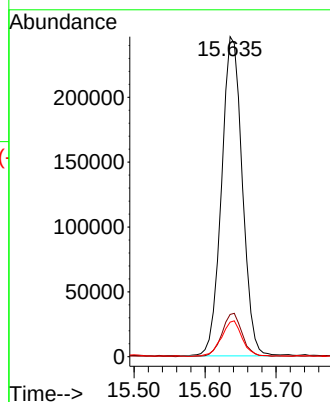
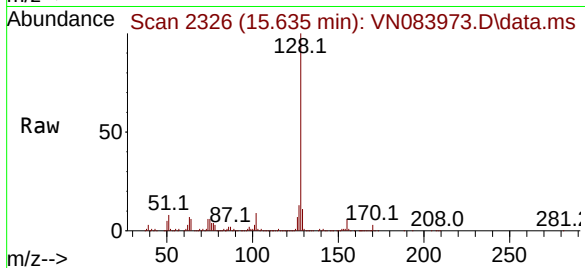
Tgt Ion:128 Resp: 499168

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.794 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Tgt Ion:180 Resp: 112736

Ion Ratio Lower Upper

180 100

182 96.3 47.1 141.4

145 37.7 17.8 53.5

