

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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

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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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

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	127160m	48.420	ug/l	
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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ClientSampleId :
VSTDCCC050EC

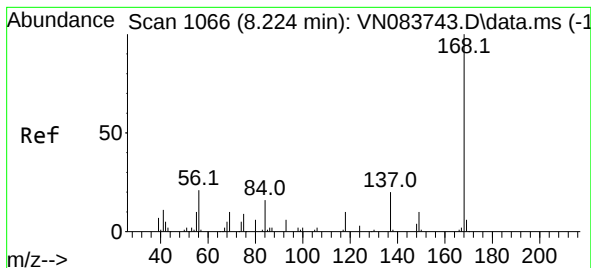
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/18/2024

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

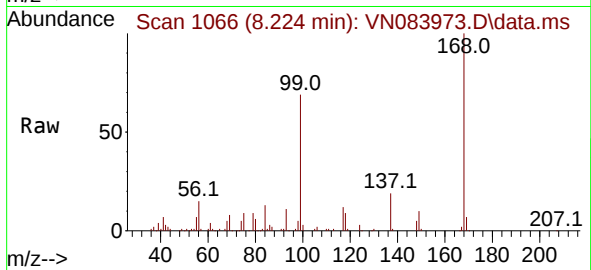
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

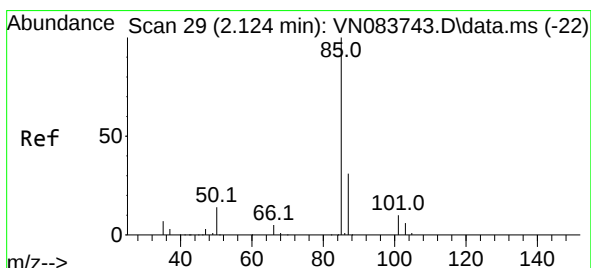
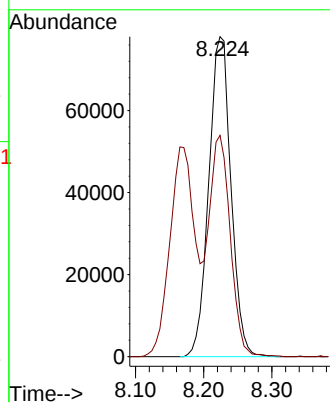
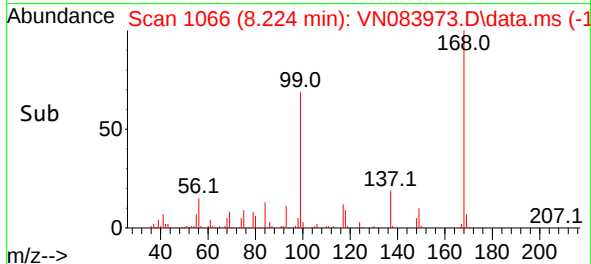
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

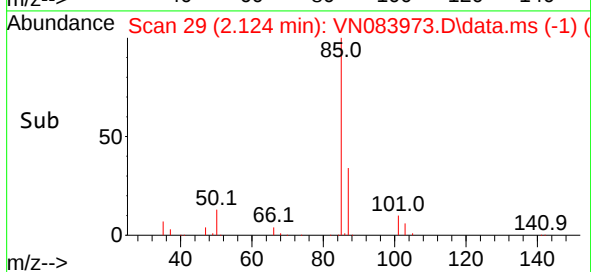
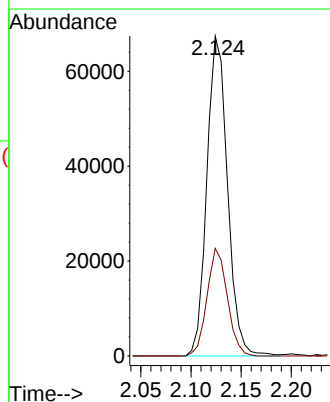
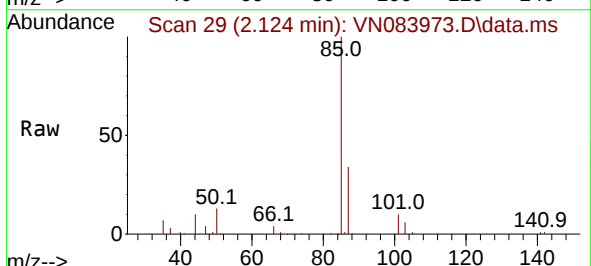
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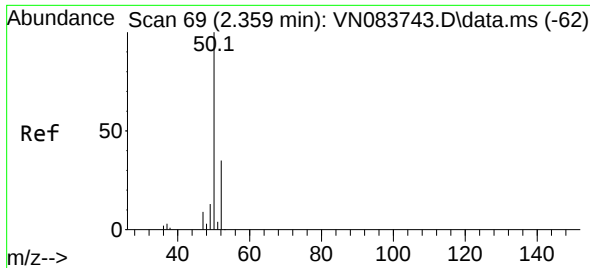
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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





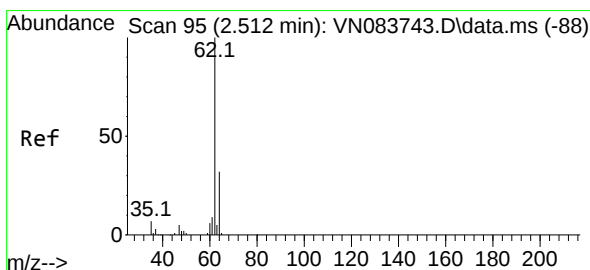
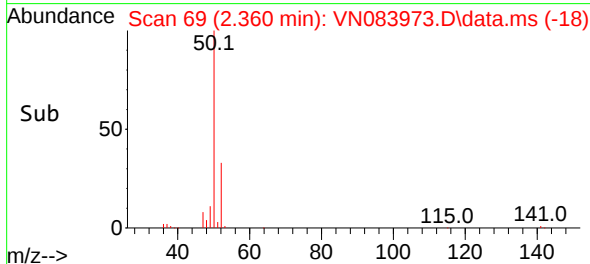
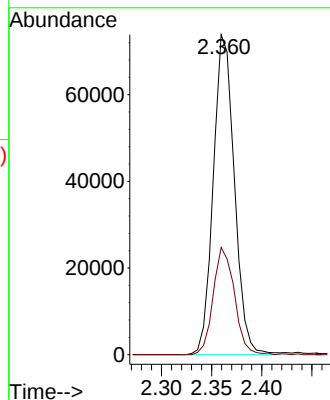
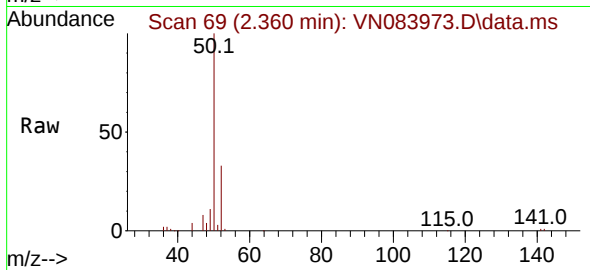
#3
Chloromethane
Concen: 51.581 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

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Tgt Ion: 50 Resp: 10796
Ion Ratio Lower Upper
50 100
52 33.5 27.2 40.8

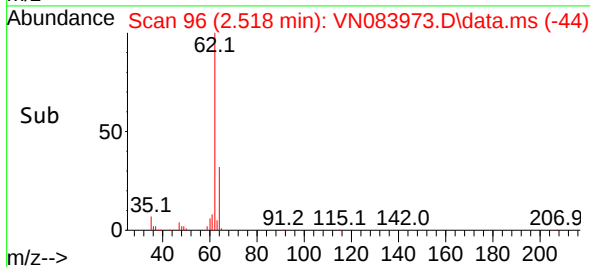
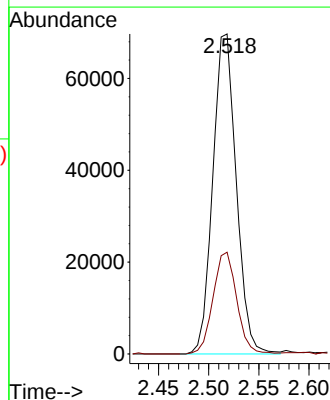
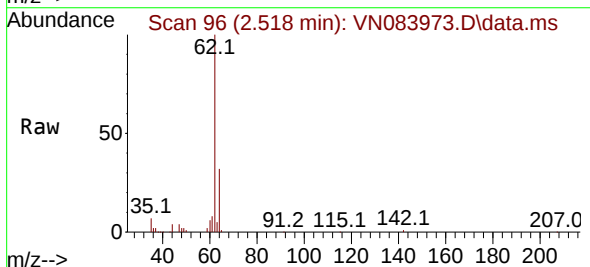
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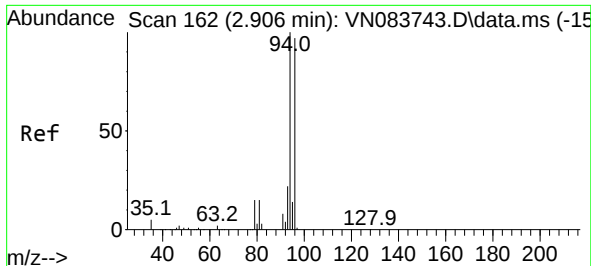
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#4
Vinyl Chloride
Concen: 50.400 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

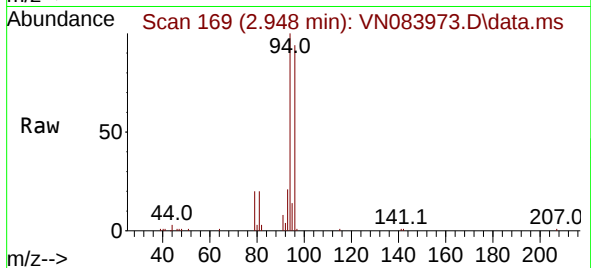
Tgt Ion: 62 Resp: 113363
Ion Ratio Lower Upper
62 100
64 31.8 24.7 37.1





#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

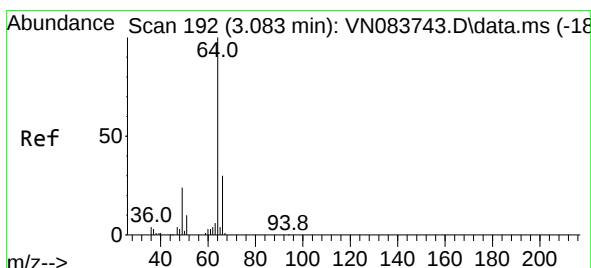
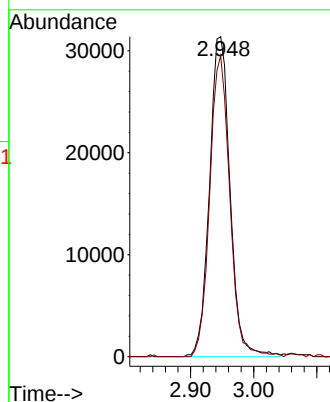
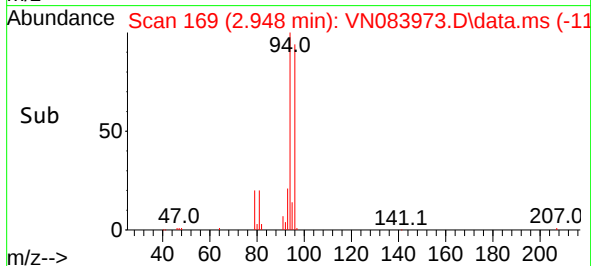
Instrument :
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Tgt Ion: 94 Resp: 7088
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0

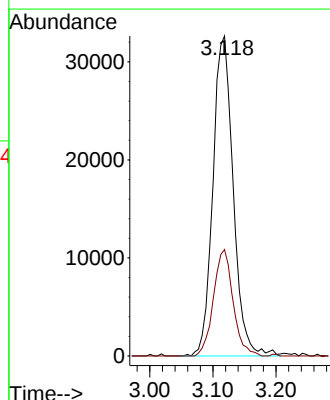
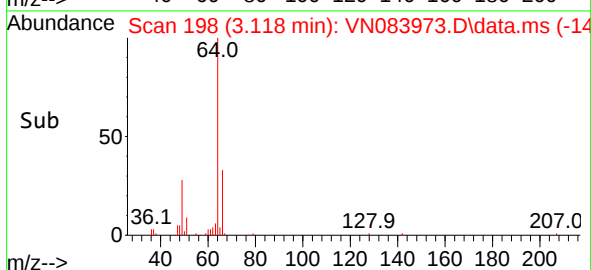
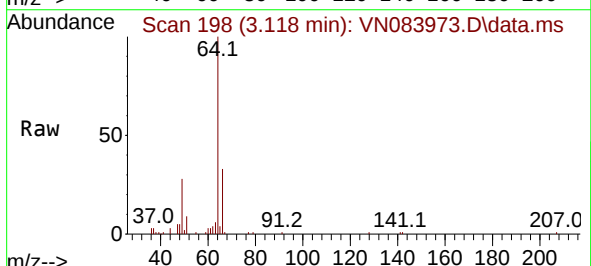
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#6
Chloroethane
Concen: 46.272 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

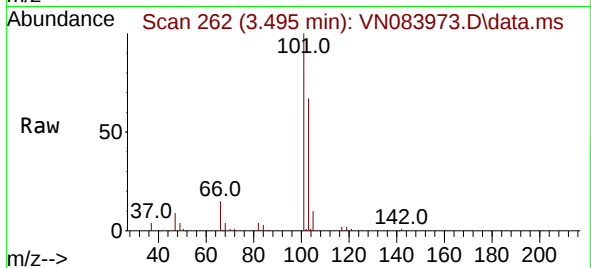
Tgt Ion: 64 Resp: 73007
Ion Ratio Lower Upper
64 100
66 33.2 23.9 35.9





#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

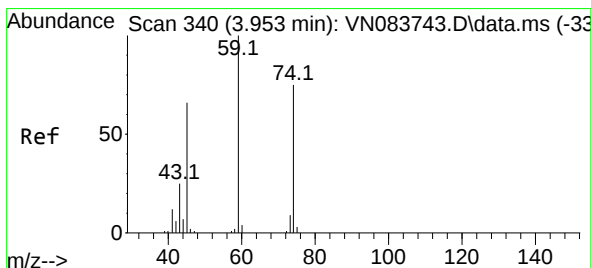
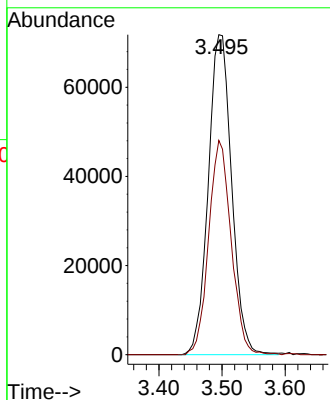
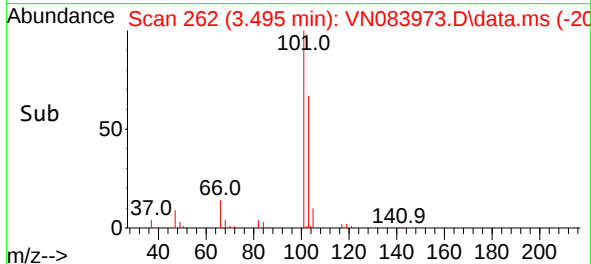
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



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

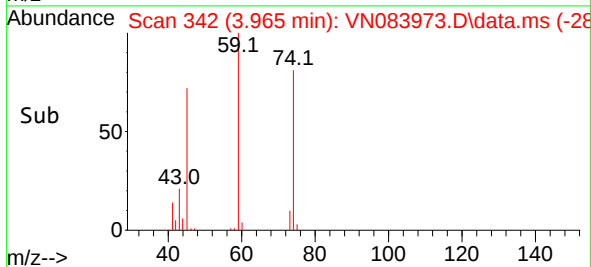
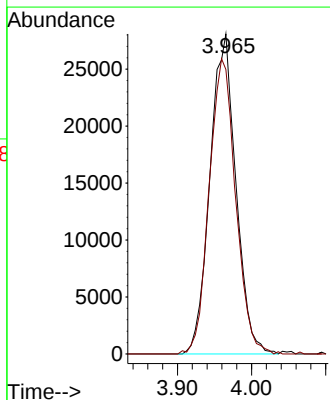
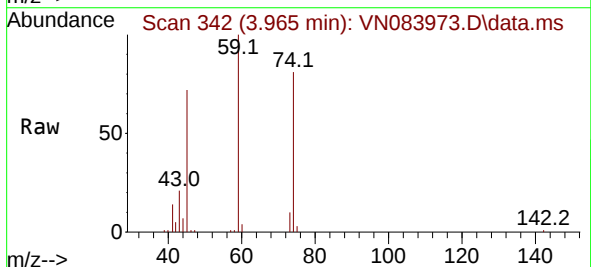
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#8
 Diethyl Ether
 Concen: 53.299 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

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





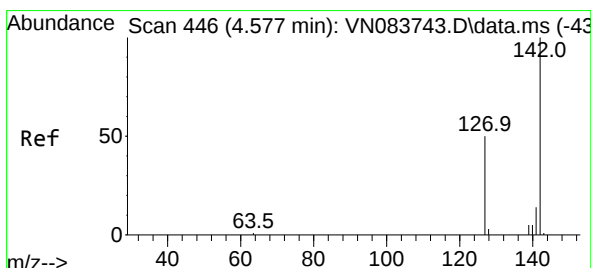
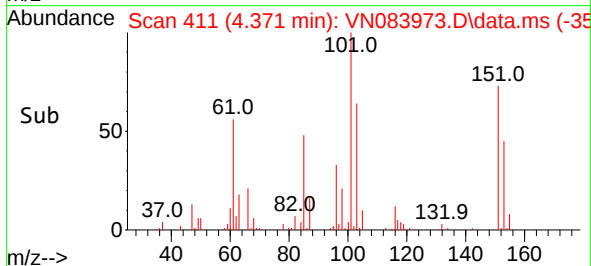
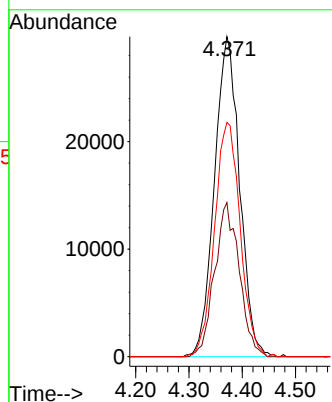
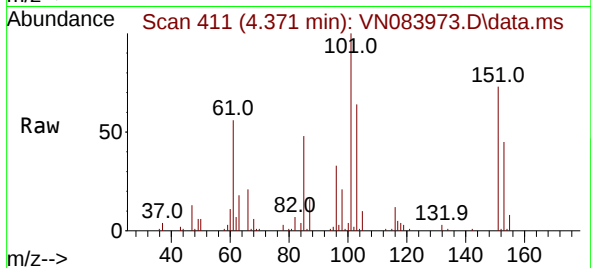
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.401 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Instrument :
MSVOA_N
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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

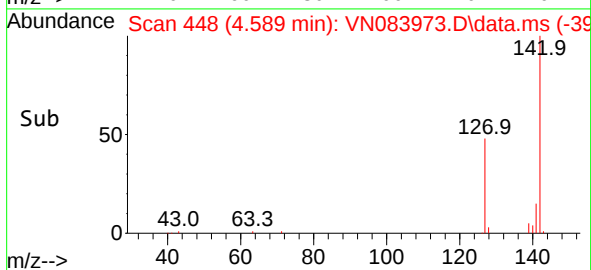
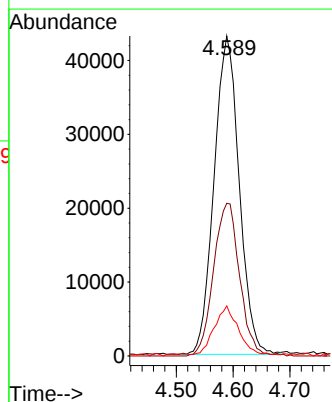
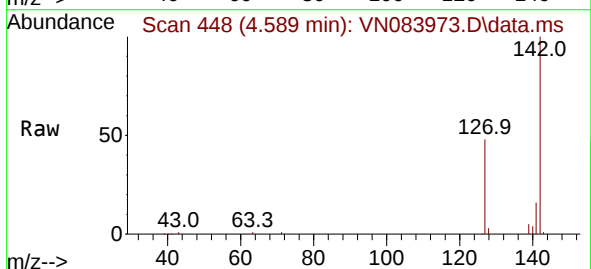
Manual Integrations
APPROVED

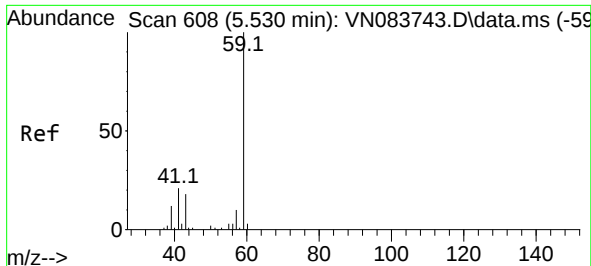
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

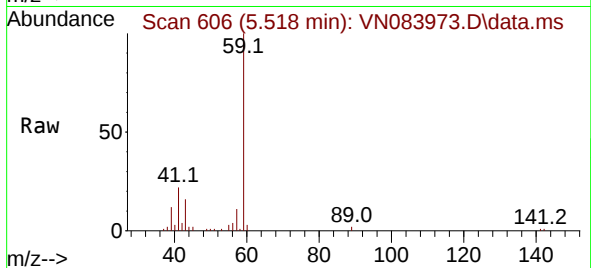
Tgt Ion:142 Resp: 132440
Ion Ratio Lower Upper
142 100
127 47.9 37.5 56.3
141 15.4 11.0 16.4





#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

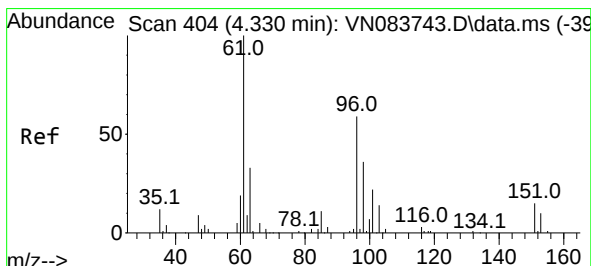
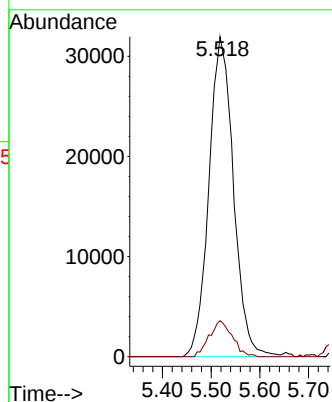
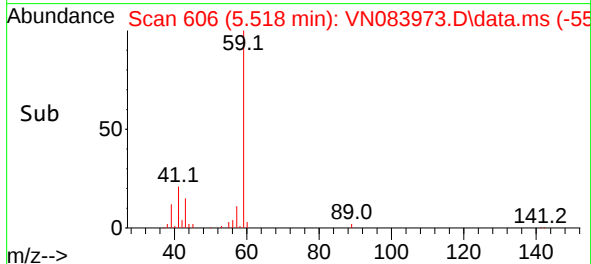
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



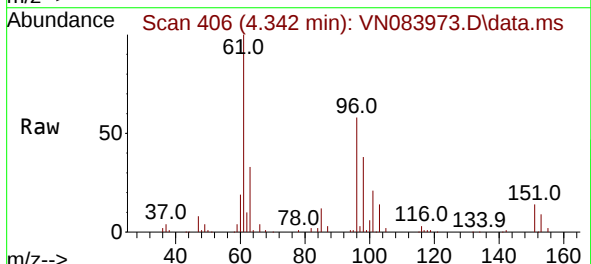
Tgt Ion: 59 Resp: 11198
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

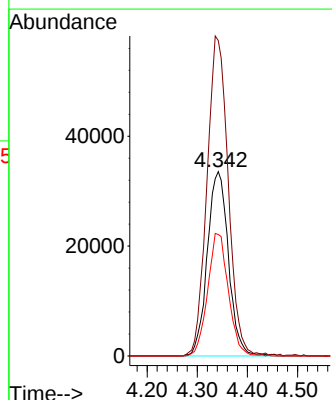
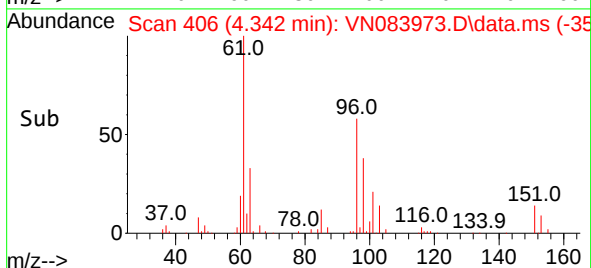
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

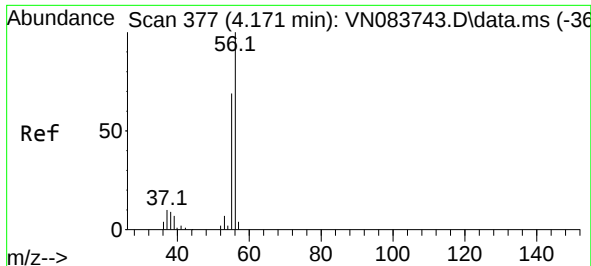


#12
1,1-Dichloroethene
Concen: 51.509 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



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

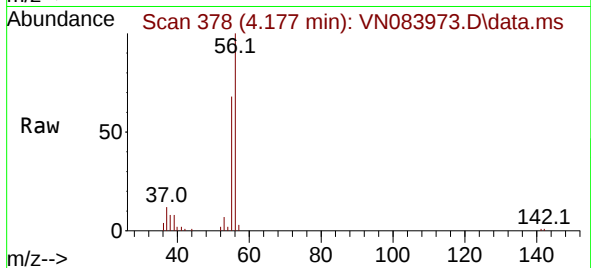
Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 7903

Ion Ratio Lower Upper

56 100

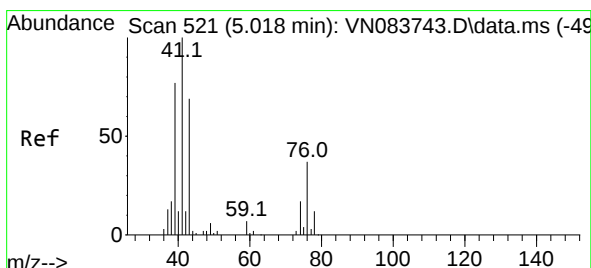
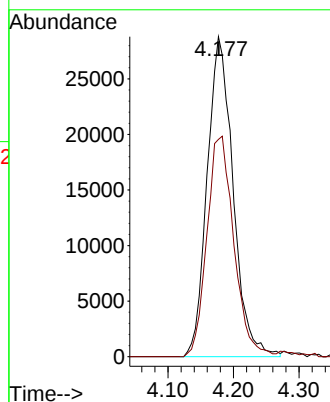
55 71.5 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#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

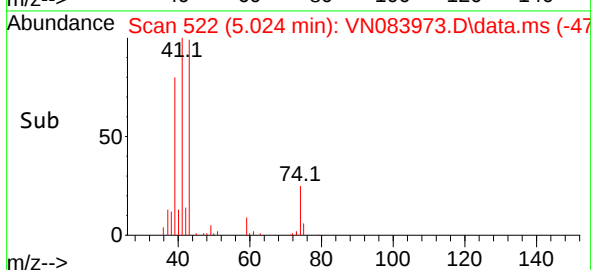
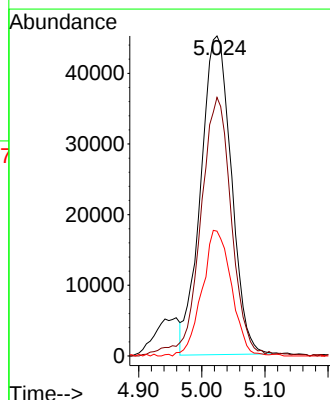
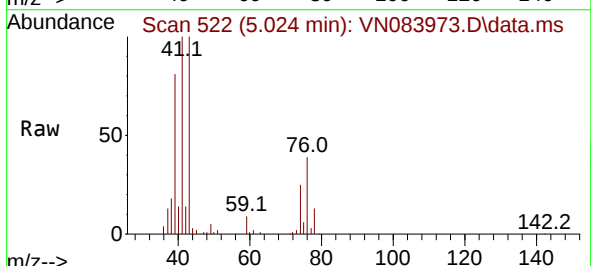
Tgt Ion: 41 Resp: 151823

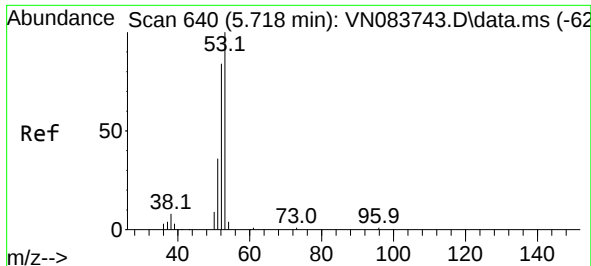
Ion Ratio Lower Upper

41 100

39 81.8 59.3 88.9

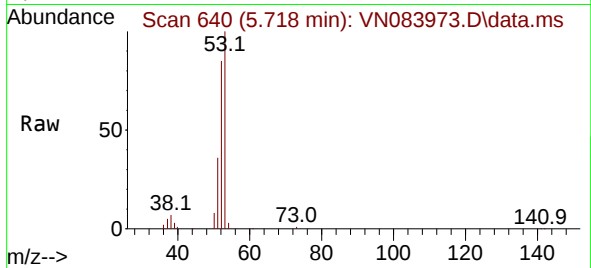
76 38.0 27.7 41.5





#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

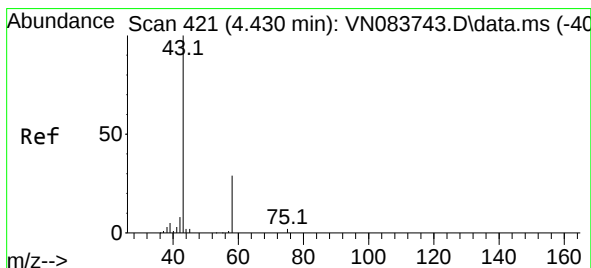
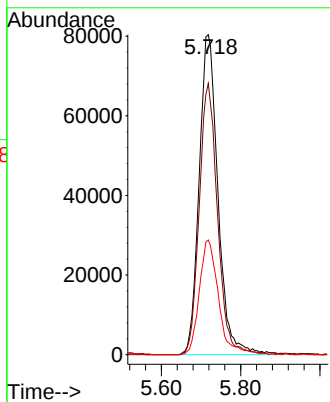
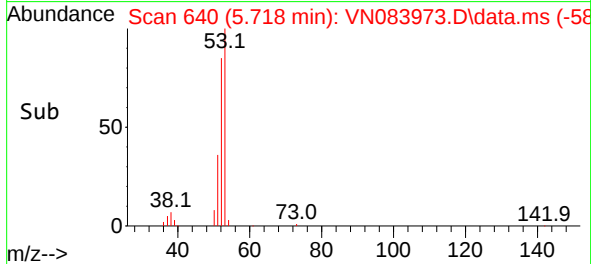
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 265670
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 36.4 29.6 44.4

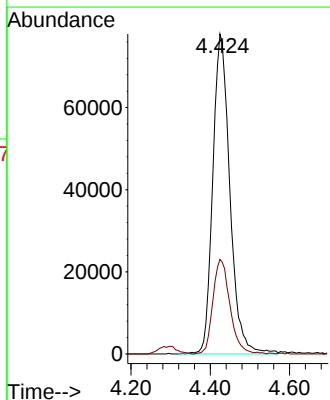
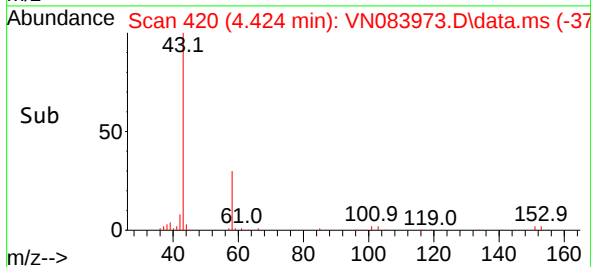
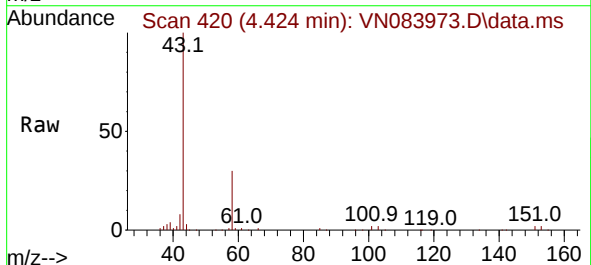
Manual Integrations
APPROVED

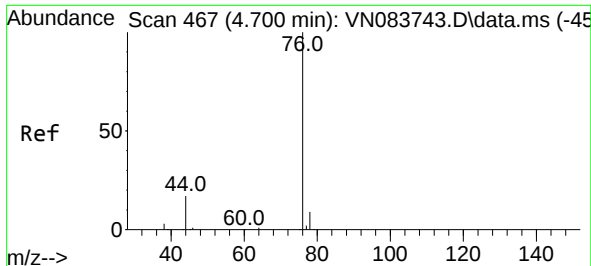
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

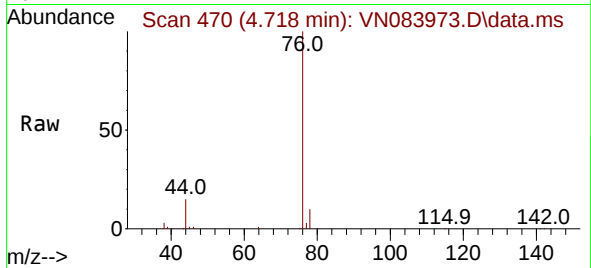
Tgt Ion: 43 Resp: 233504
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5





#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

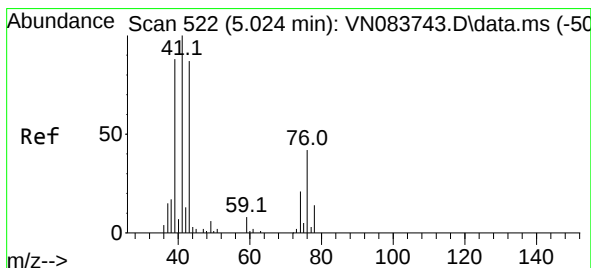
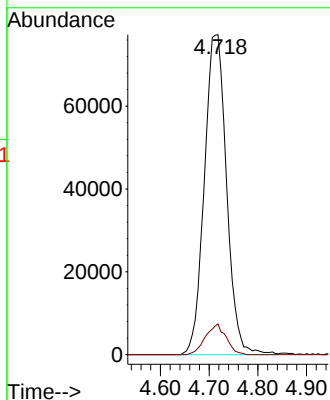
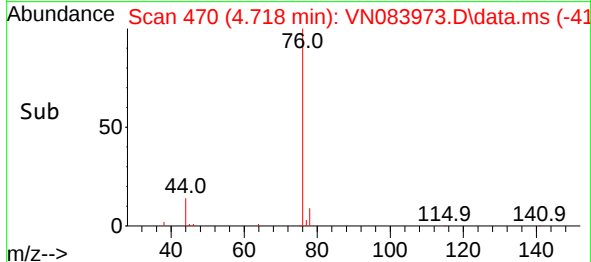
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

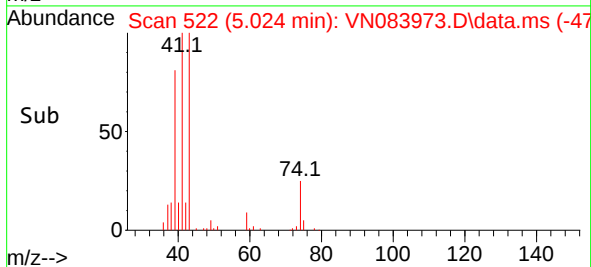
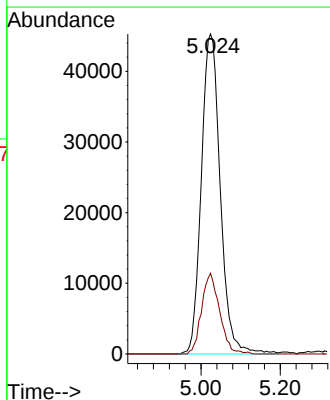
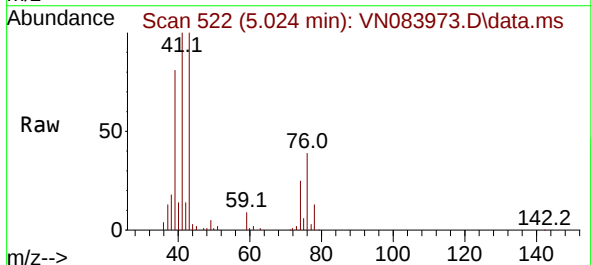
Manual Integrations
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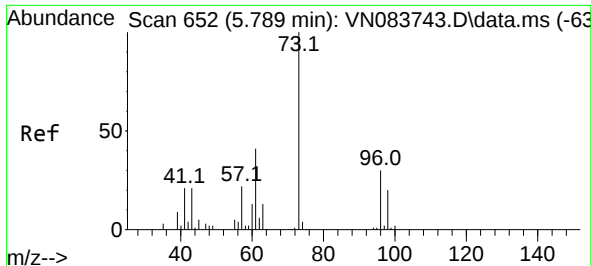
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

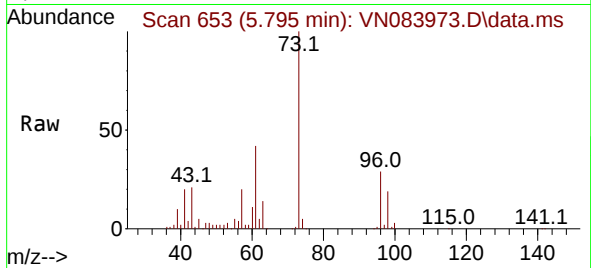
Tgt Ion: 43 Resp: 150423
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.4





#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

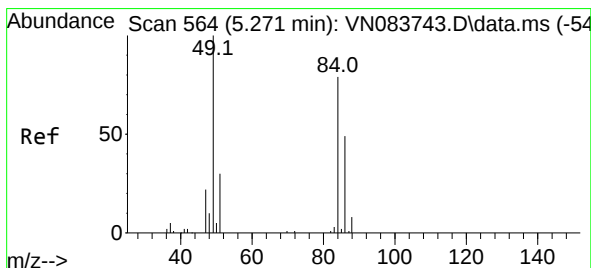
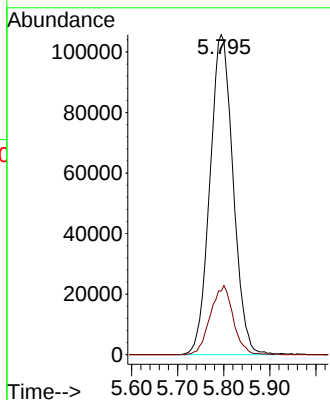
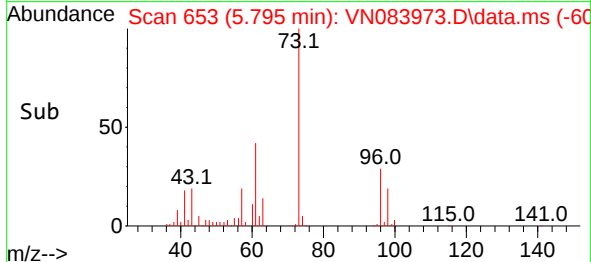
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

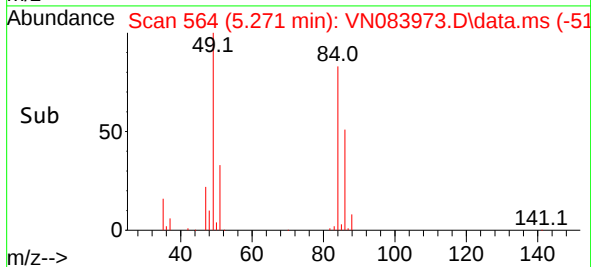
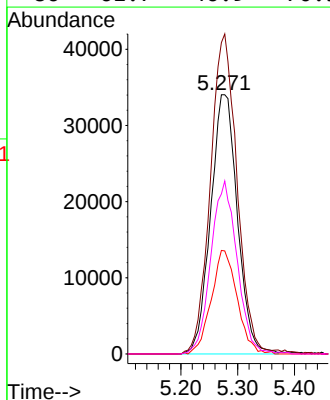
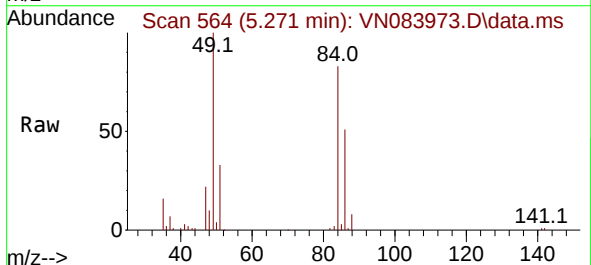
Manual Integrations
APPROVED

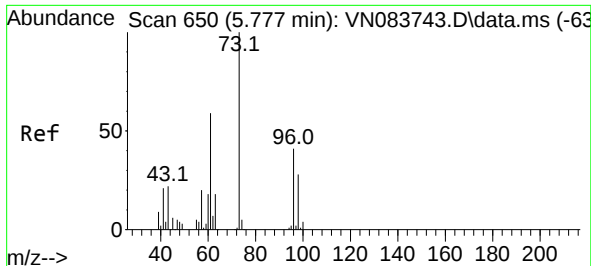
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

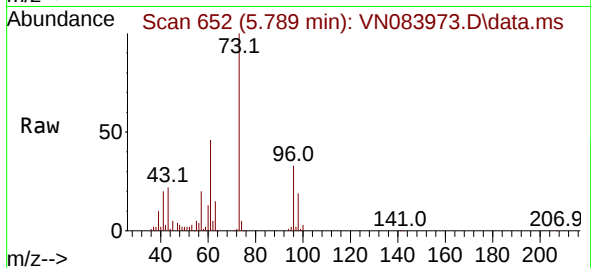
Tgt Ion: 84 Resp: 111619
Ion Ratio Lower Upper
84 100
49 120.1 93.4 140.0
51 40.0 29.2 43.8
86 61.7 46.9 70.3





#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

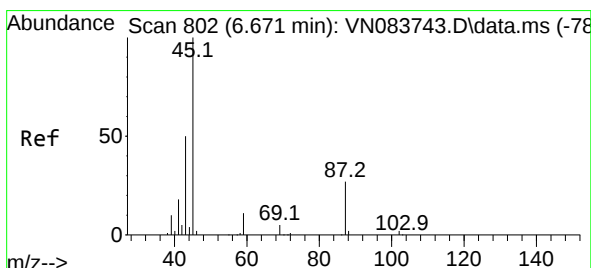
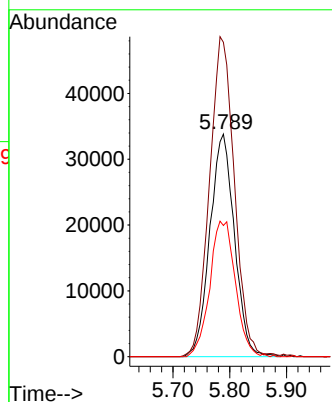
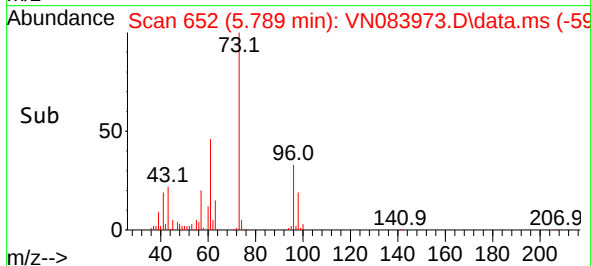
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

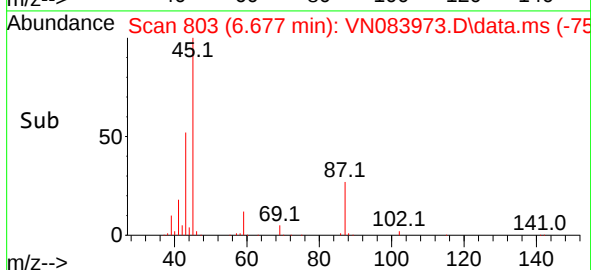
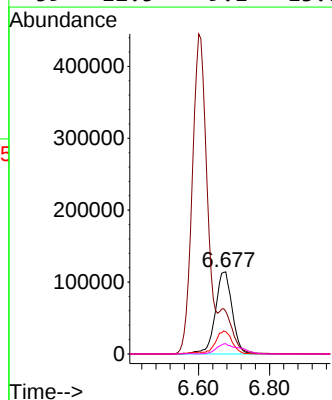
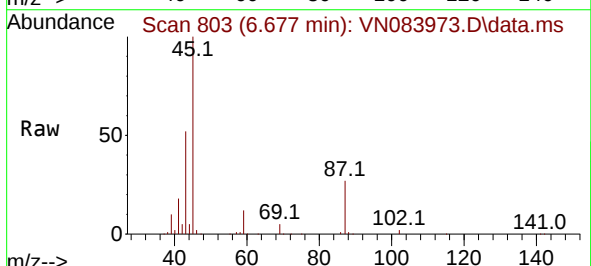
Manual Integrations
APPROVED

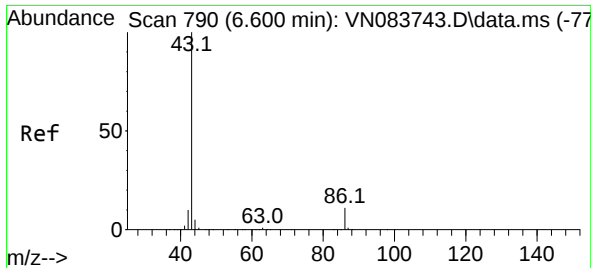
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

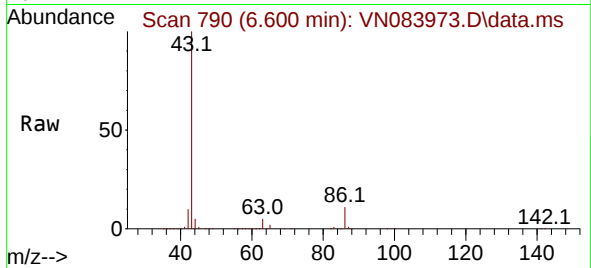
Tgt Ion: 45 Resp: 375114
Ion Ratio Lower Upper
45 100
43 51.5 43.4 65.0
87 26.9 22.6 33.8
59 12.5 9.1 13.7





#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

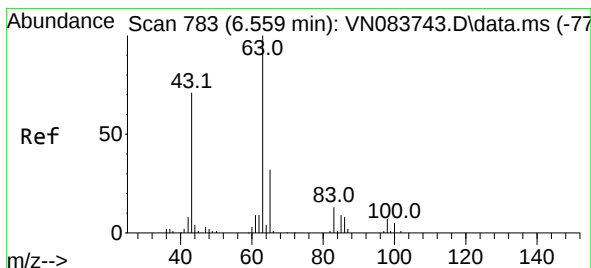
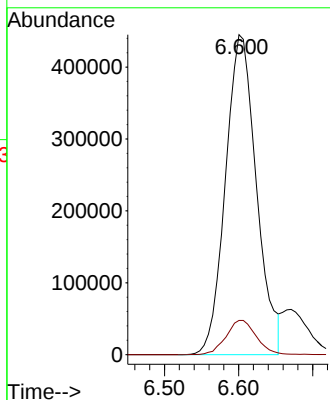
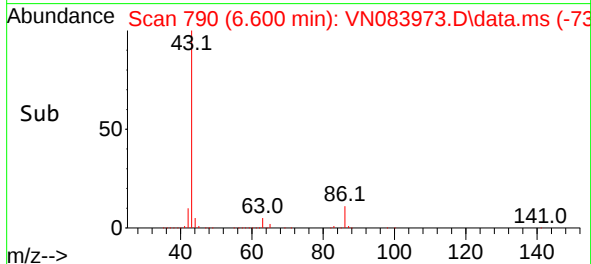
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



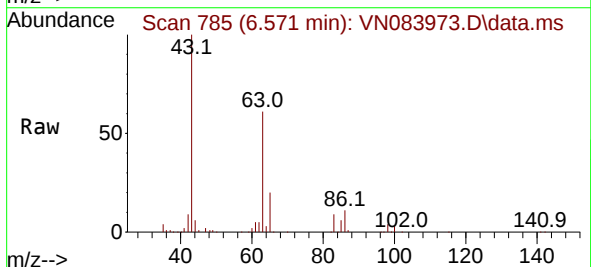
Tgt Ion: 43 Resp: 129180
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

Manual Integrations
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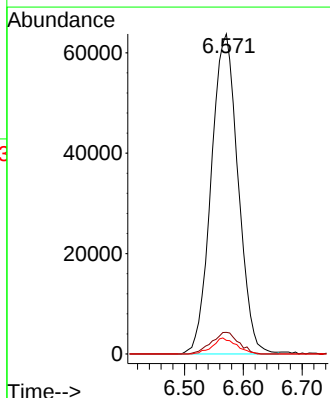
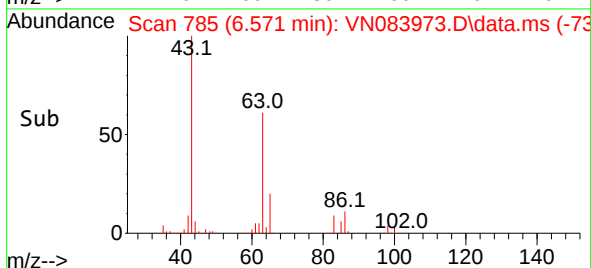
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

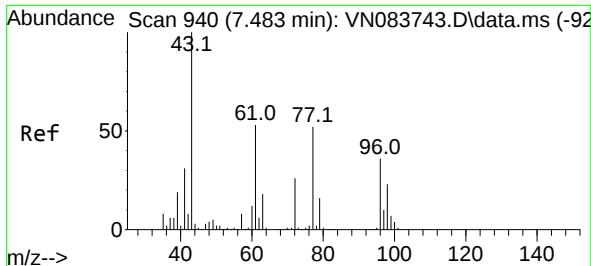


#24
 1,1-Dichloroethane
 Concen: 50.064 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32



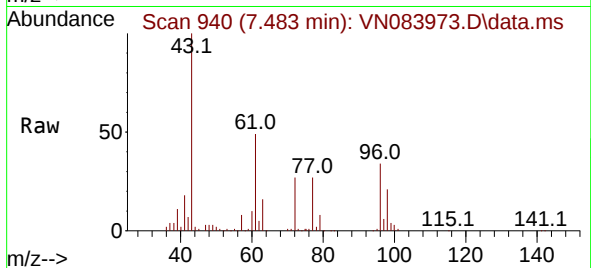
Tgt Ion: 63 Resp: 202195
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.5 7.5





#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

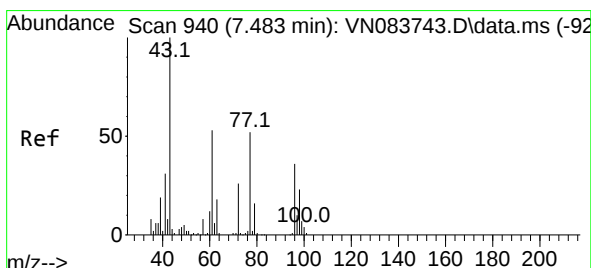
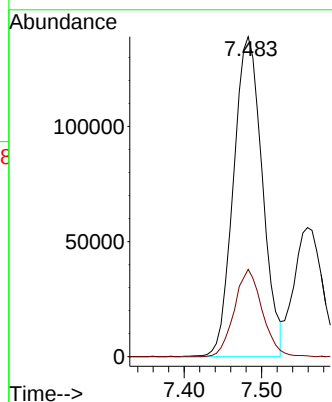
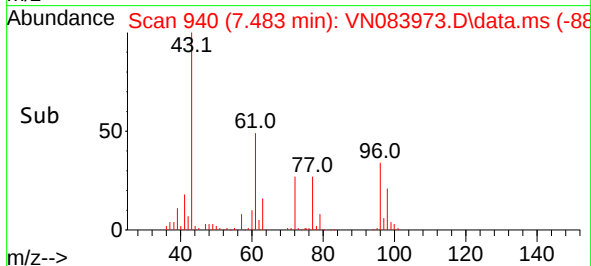
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



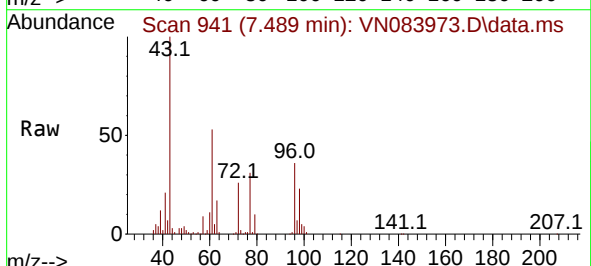
Tgt Ion: 43 Resp: 36022
Ion Ratio Lower Upper
43 100
72 27.3 20.8 31.2

Manual Integrations
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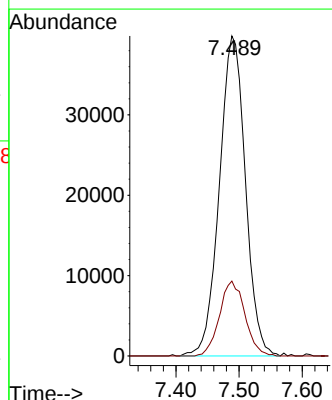
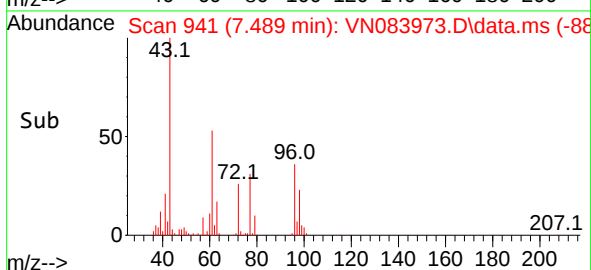
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

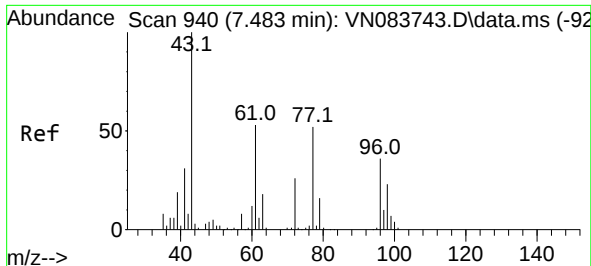


#26
2,2-Dichloropropane
Concen: 30.652 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



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





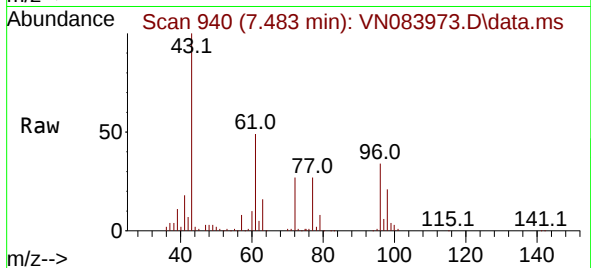
#27
 cis-1,2-Dichloroethene
 Concen: 50.824 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083973.D
 Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



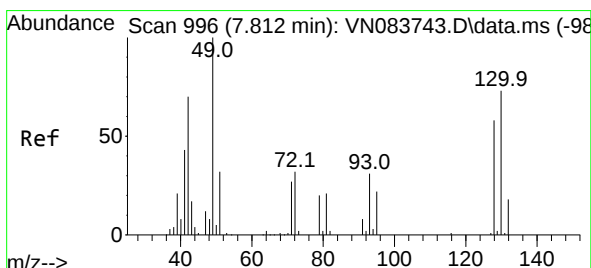
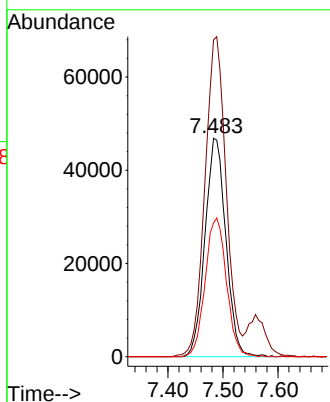
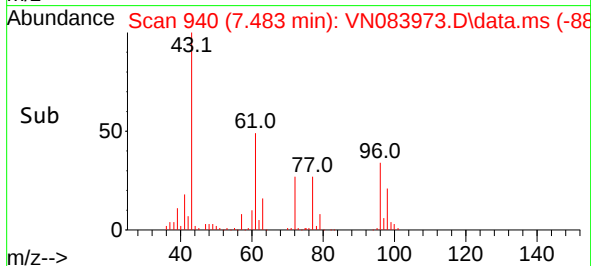
Tgt Ion: 96 Resp: 123574
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 306.2
 98 64.8 0.0 128.6

Manual Integrations

APPROVED

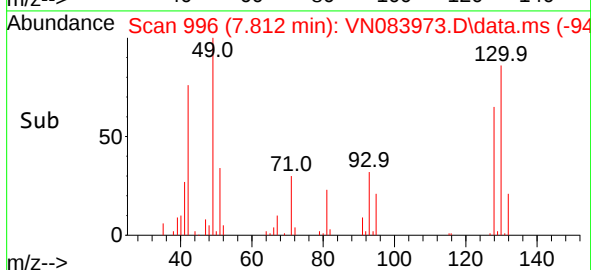
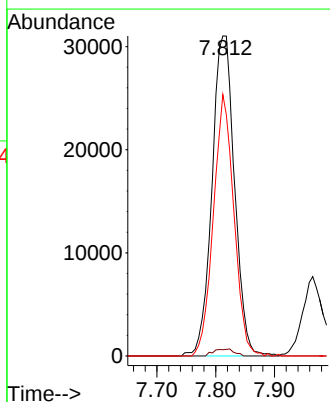
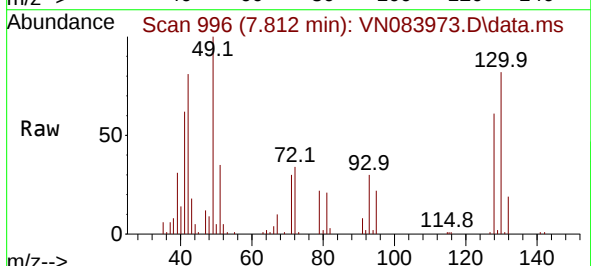
Reviewed By :John Carlone 09/18/2024

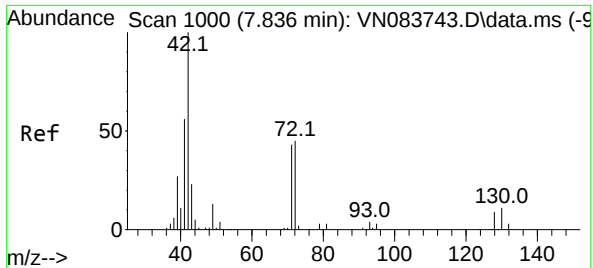
Supervised By :Mahesh Dadoda 09/18/2024



#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

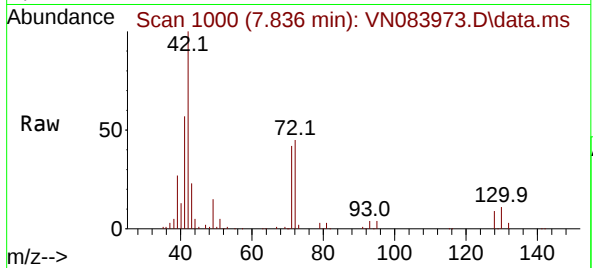
Tgt Ion: 49 Resp: 82887
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 74.1 60.2 90.2





#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

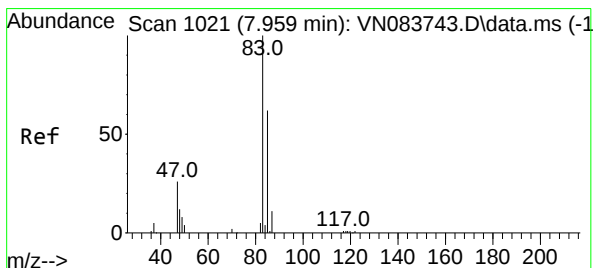
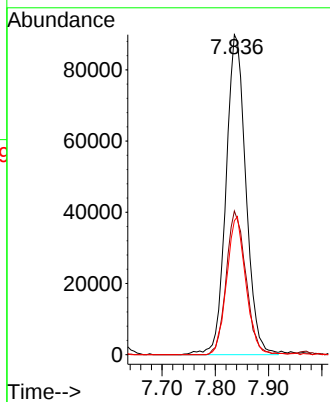
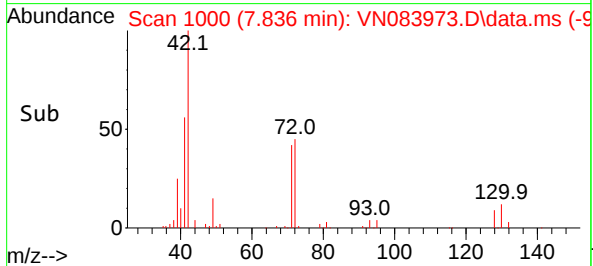
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



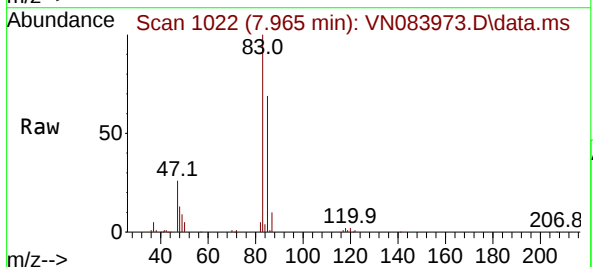
Tgt Ion: 42 Resp: 233390
Ion Ratio Lower Upper
42 100
72 44.5 35.9 53.9
71 41.7 33.9 50.9

Manual Integrations
APPROVED

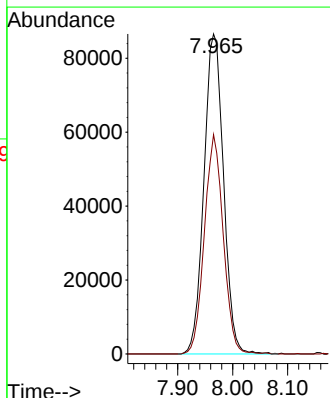
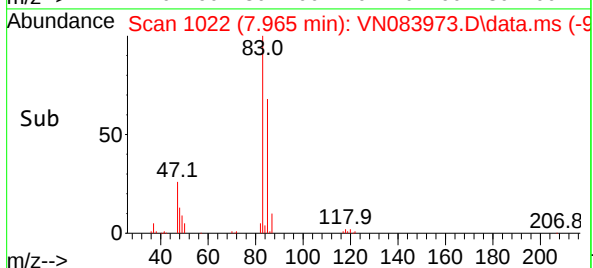
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

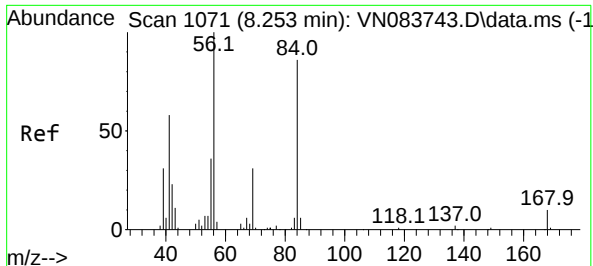


#30
Chloroform
Concen: 49.989 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



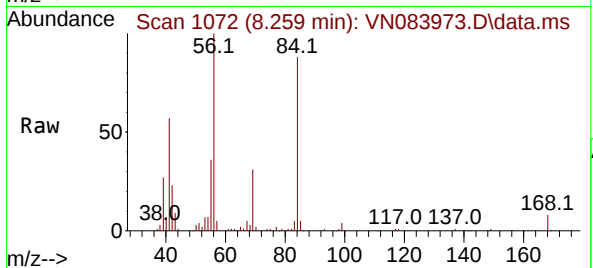
Tgt Ion: 83 Resp: 214340
Ion Ratio Lower Upper
83 100
85 68.5 52.8 79.2





#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

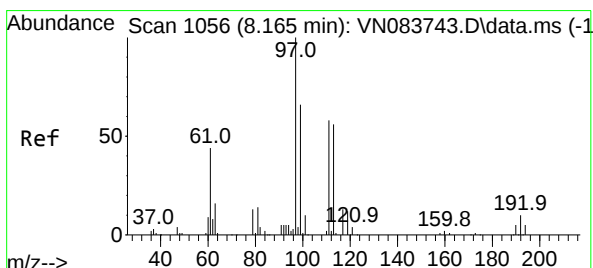
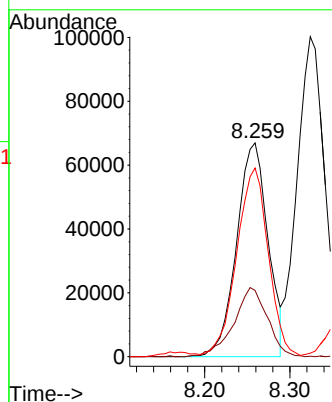
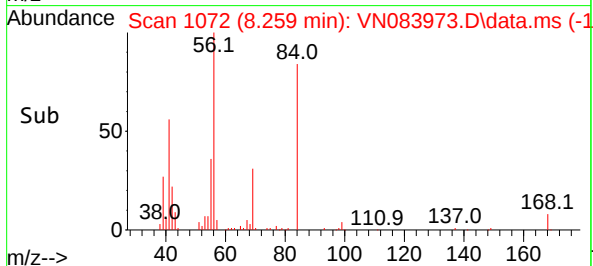
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17116
Ion Ratio Lower Upper
56 100
69 31.0 26.9 40.3
84 86.2 69.2 103.8

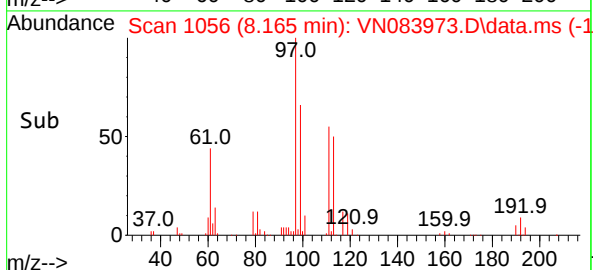
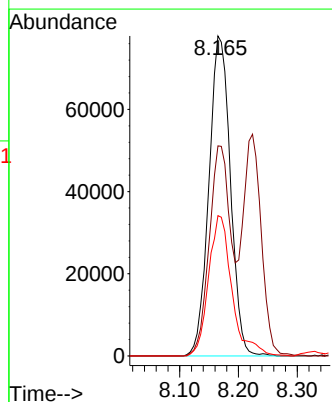
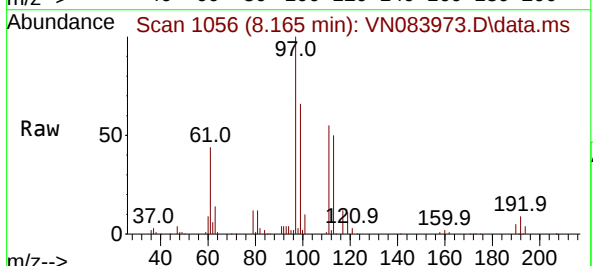
Manual Integrations
APPROVED

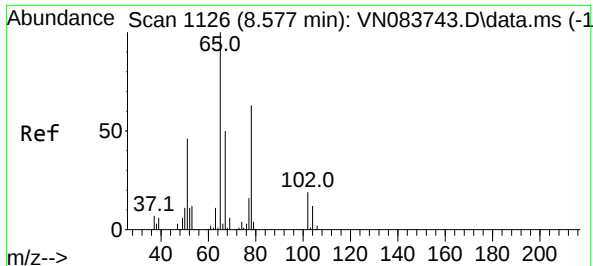
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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: 13201

Ion Ratio Lower Upper

65 100

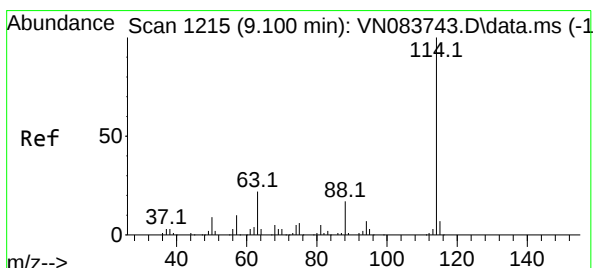
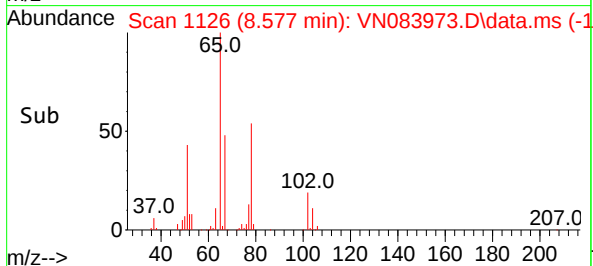
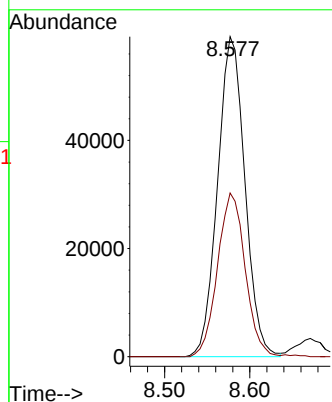
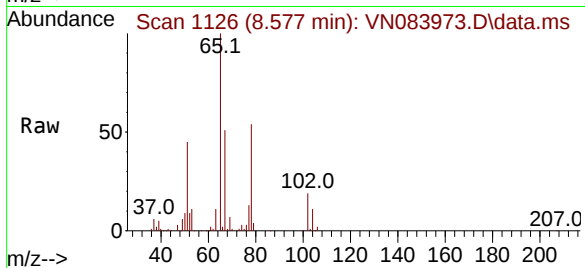
67 51.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#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

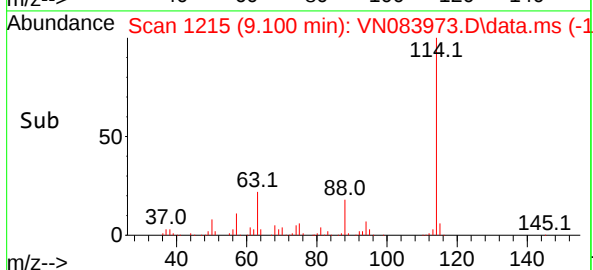
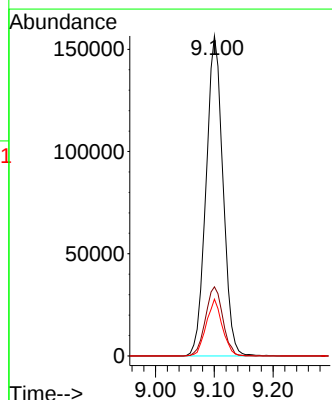
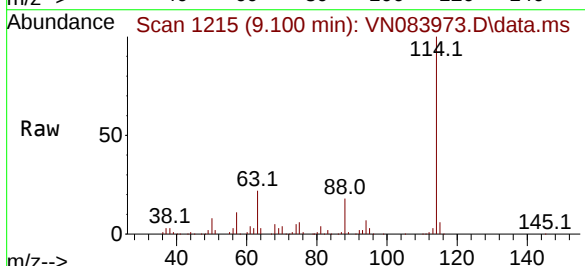
Tgt Ion:114 Resp: 313315

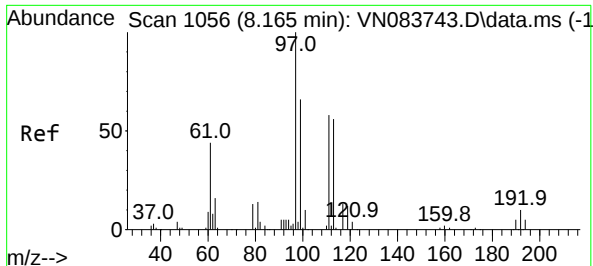
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

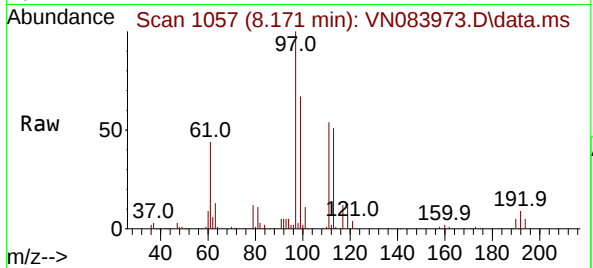
88 17.7 0.0 32.6





#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

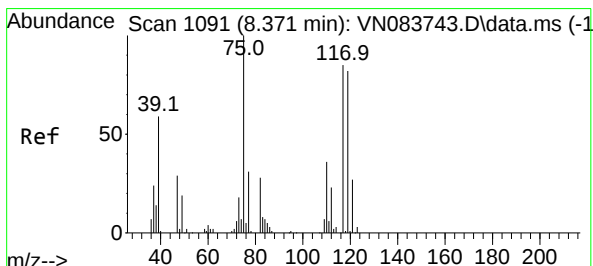
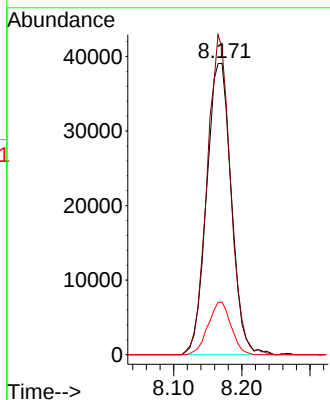
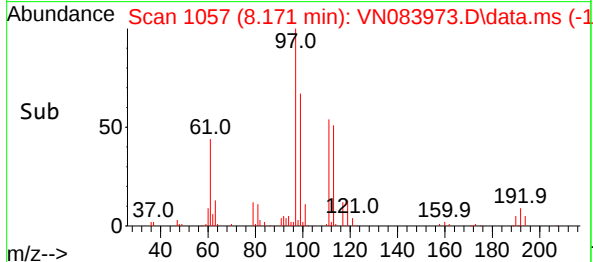
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 9858
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 16.8 14.3 21.5

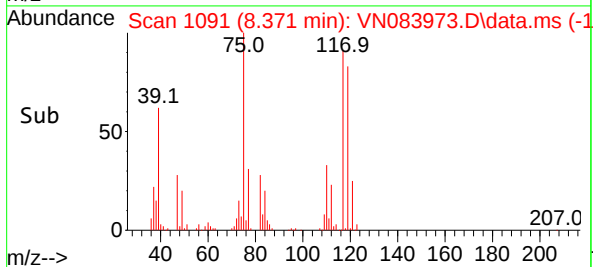
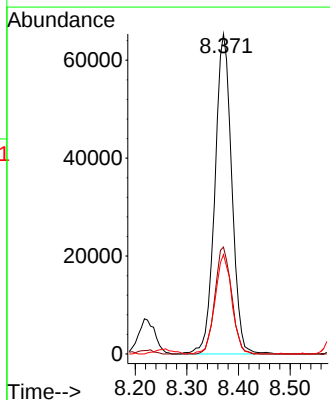
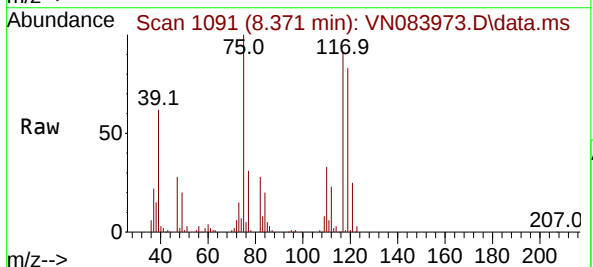
Manual Integrations
APPROVED

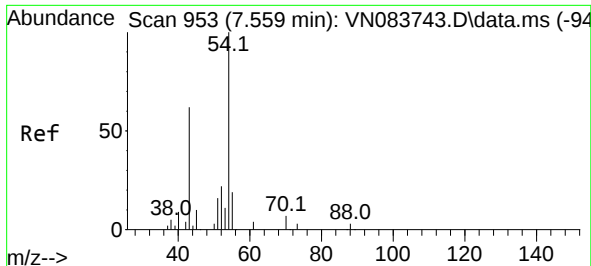
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

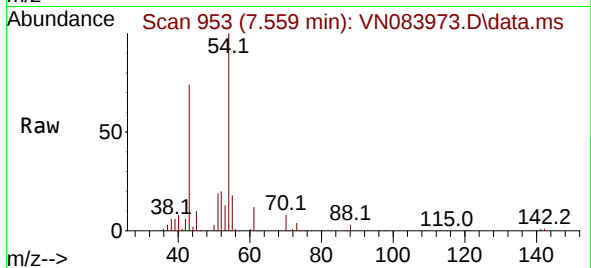
Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 14895

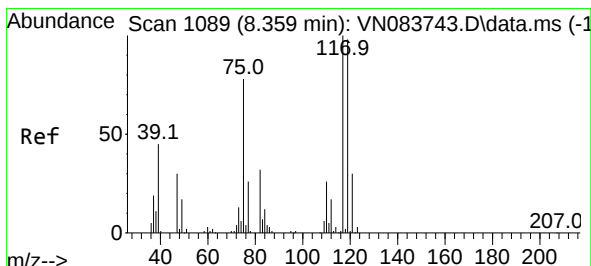
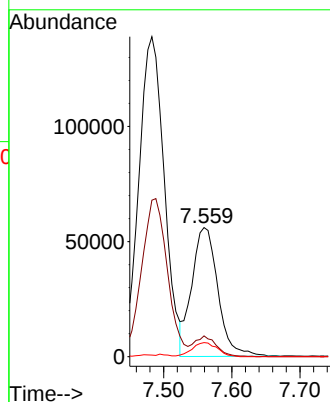
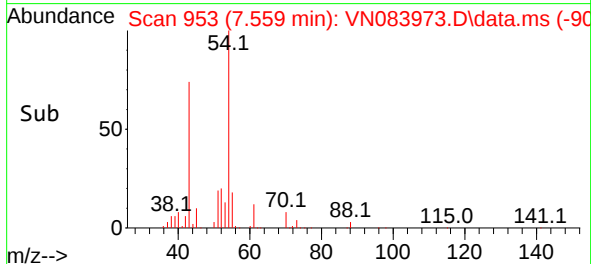
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#38

Carbon Tetrachloride

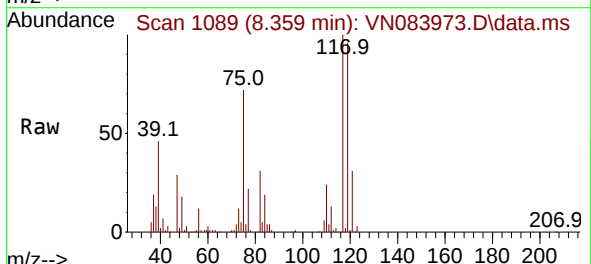
Concen: 49.094 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

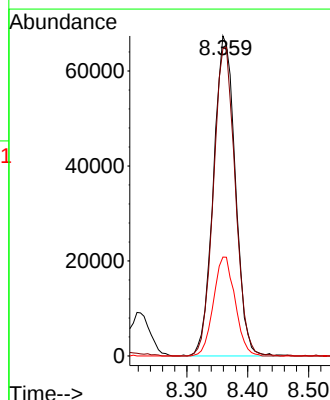
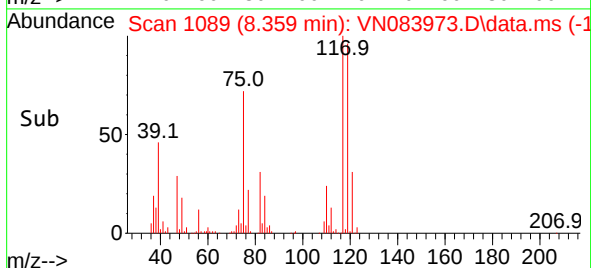
Lab File: VN083973.D

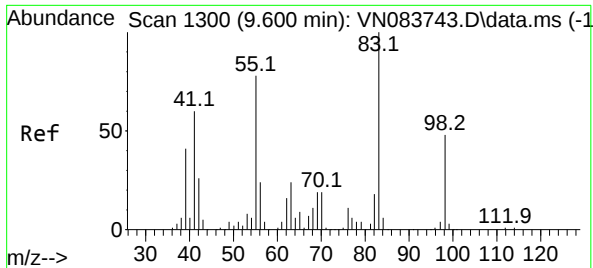
Acq: 18 Sep 2024 09:32



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: 16510

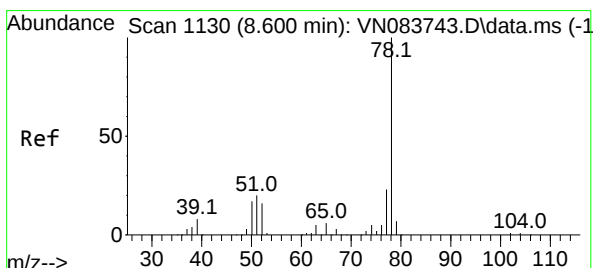
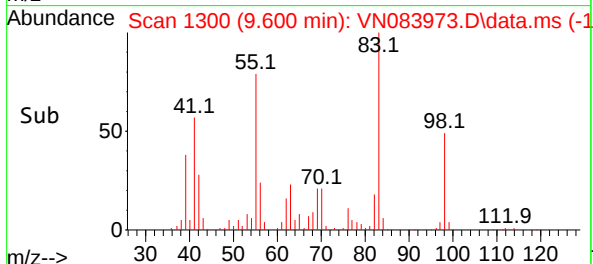
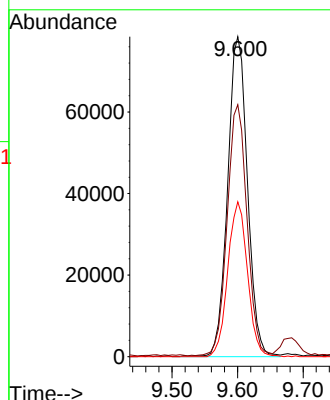
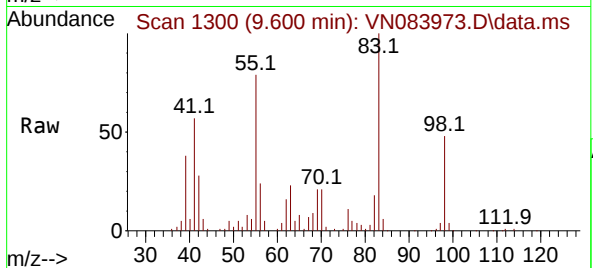
Ion	Ratio	Lower	Upper
83	100		
55	78.2	62.2	93.4
98	48.4	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 49.395 ug/l

RT: 8.606 min Scan# 1131

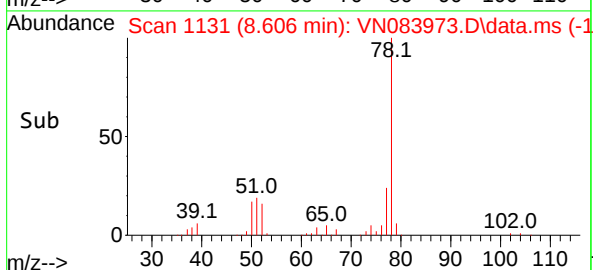
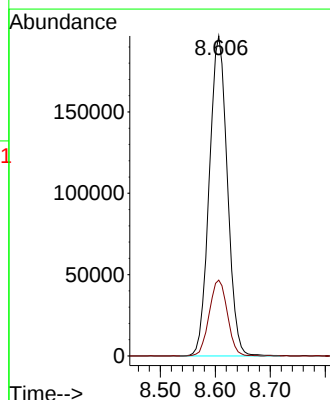
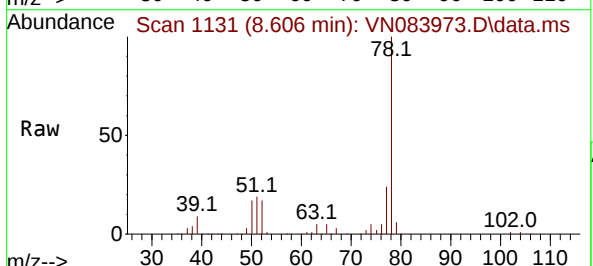
Delta R.T. 0.006 min

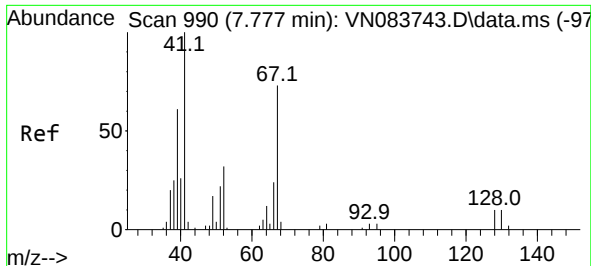
Lab File: VN083973.D

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

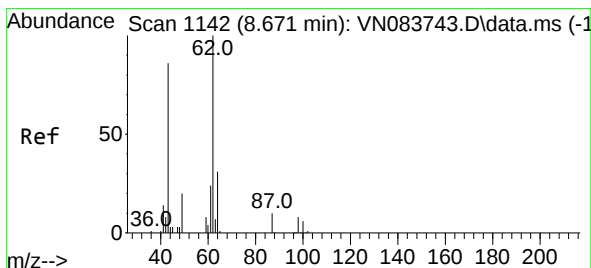
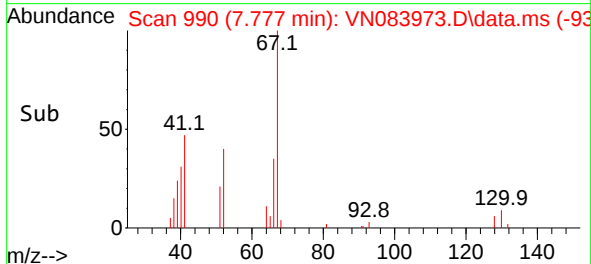
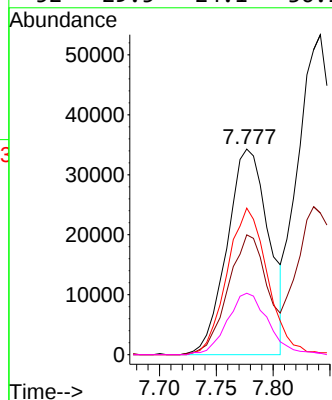
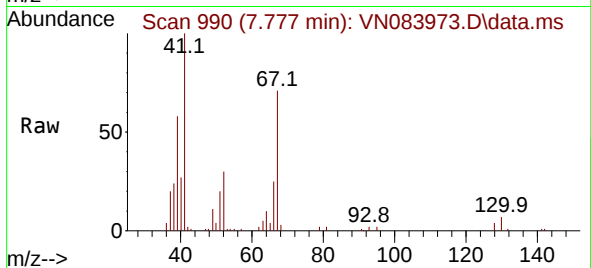
Tgt Ion: 41 Resp: 87644
Ion Ratio Lower Upper
41 100
39 55.3 45.4 68.2
67 69.3 55.9 83.9
52 29.5 24.1 36.1

Manual Integrations

APPROVED

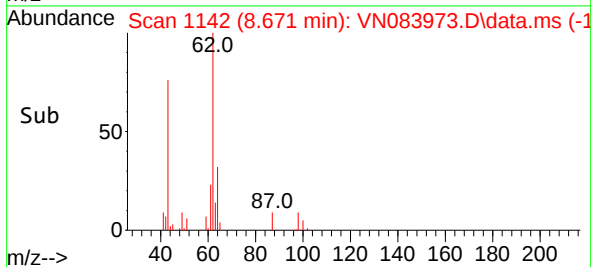
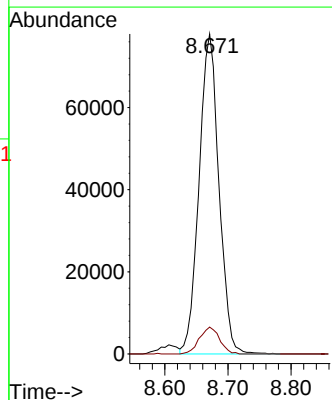
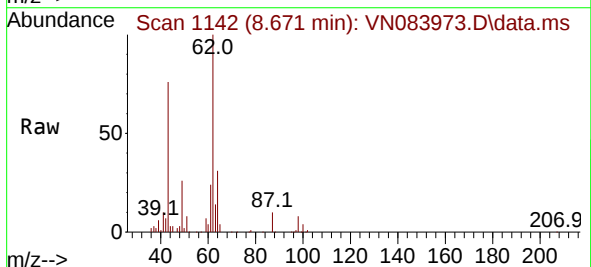
Reviewed By :John Carlone 09/18/2024

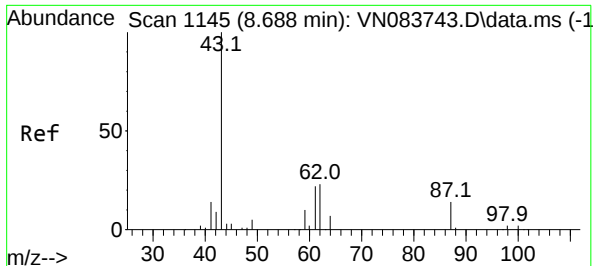
Supervised By :Mahesh Dadoda 09/18/2024



#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

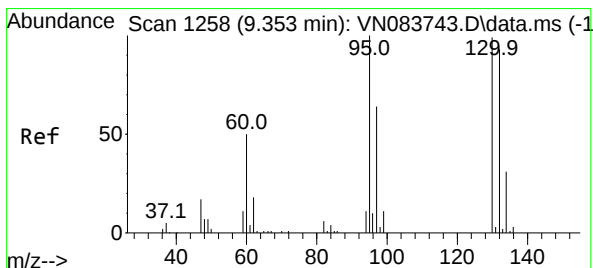
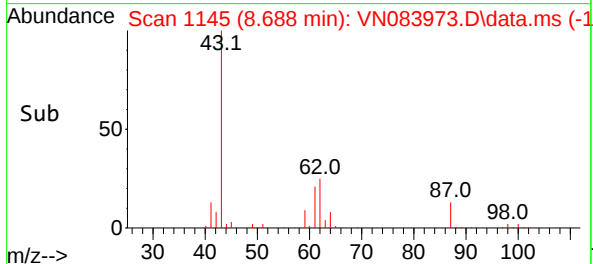
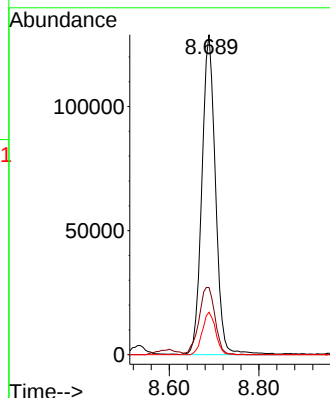
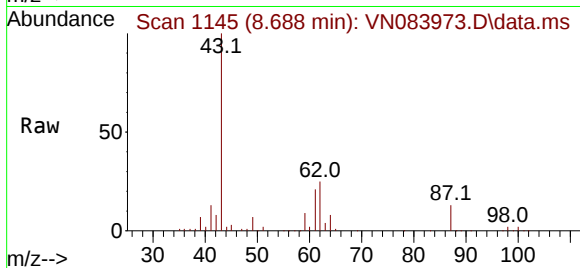
Ion	Ratio	Lower	Upper
43	100		
61	24.9	19.4	29.0
87	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#44

Trichloroethene

Concen: 51.220 ug/l

RT: 9.353 min Scan# 1258

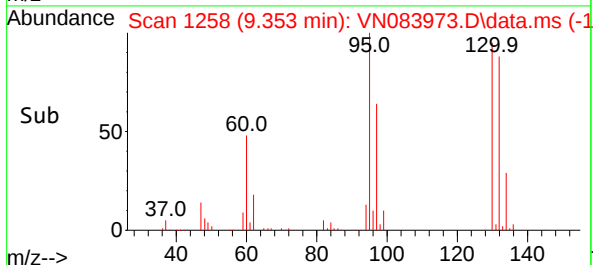
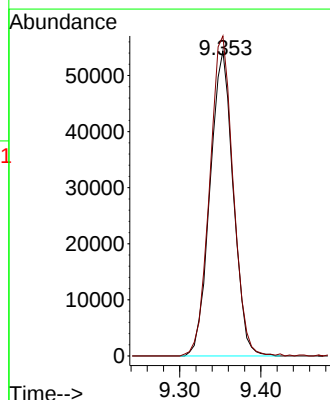
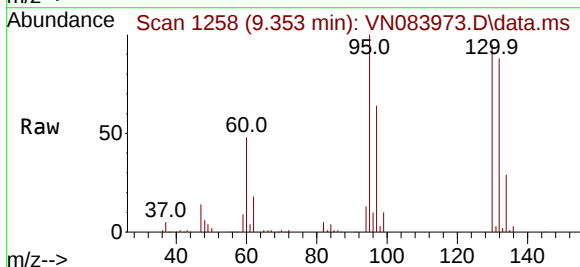
Delta R.T. 0.000 min

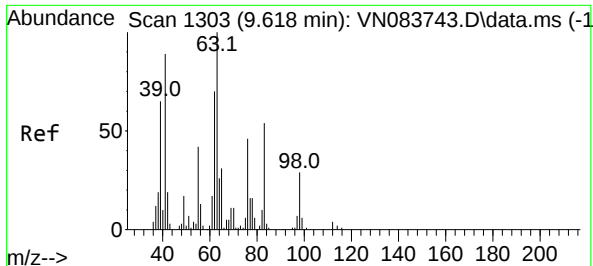
Lab File: VN083973.D

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 :

VSTDC050EC

Tgt Ion: 63 Resp: 11006

Ion Ratio Lower Upper

63 100

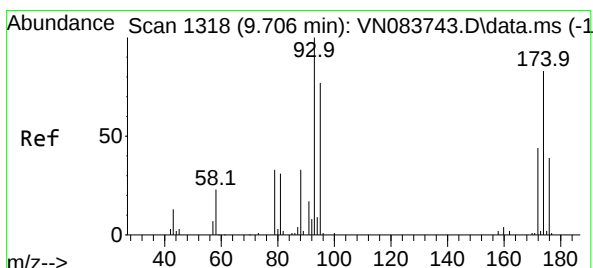
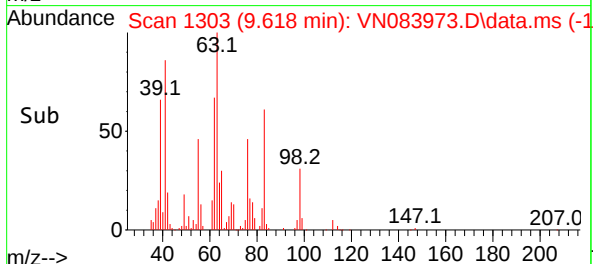
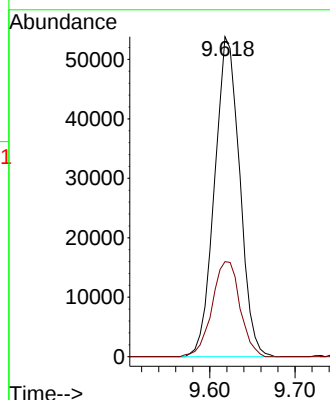
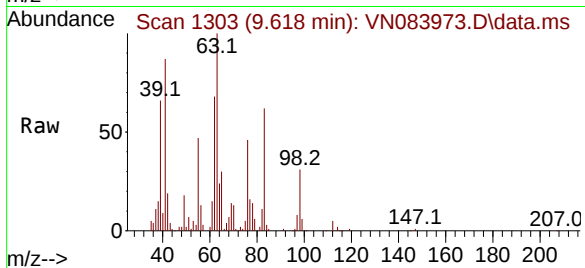
65 29.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#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

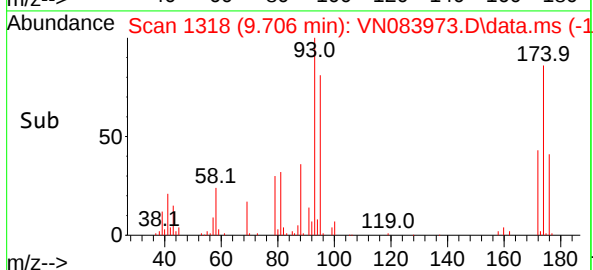
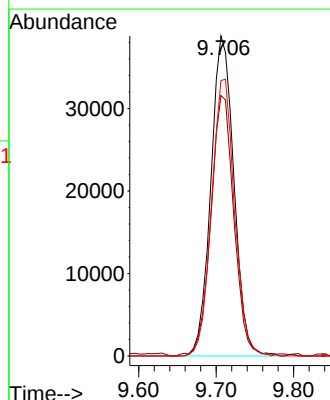
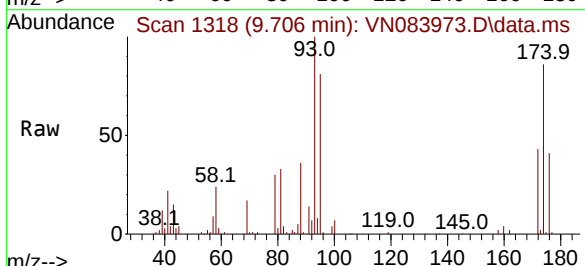
Tgt Ion: 93 Resp: 80098

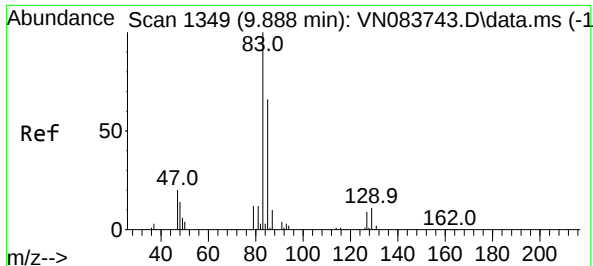
Ion Ratio Lower Upper

93 100

95 81.3 65.3 97.9

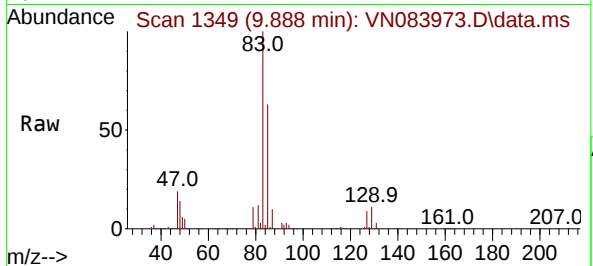
174 86.4 71.0 106.4





#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

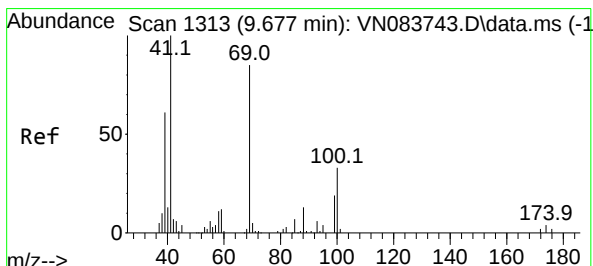
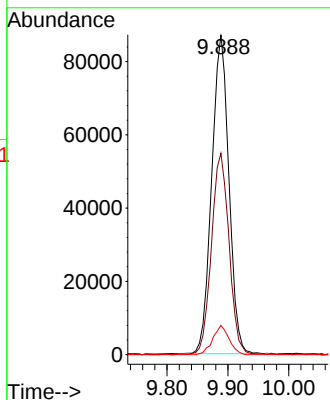
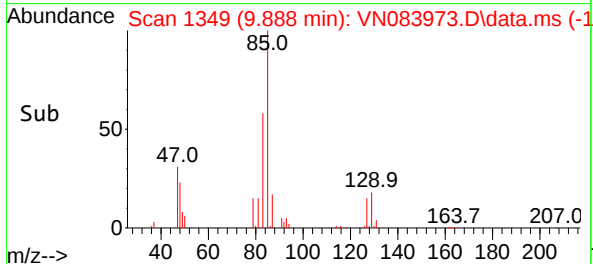
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



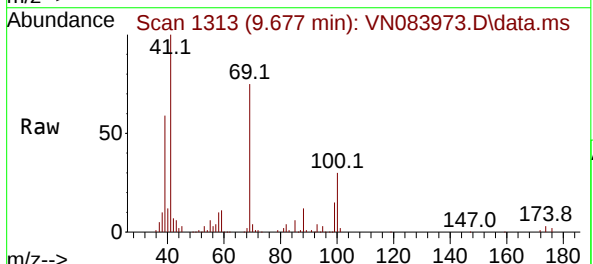
Tgt Ion: 83 Resp: 17020
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8
127 9.2 6.6 9.8

Manual Integrations
APPROVED

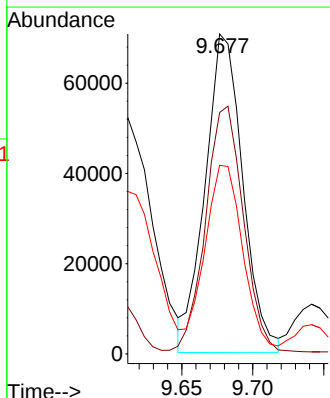
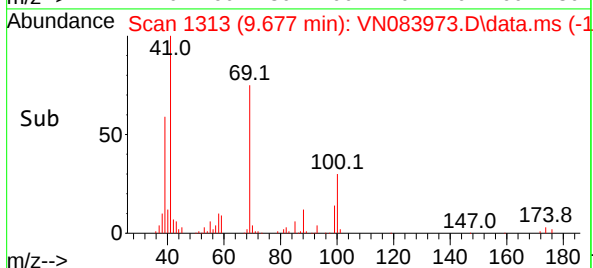
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

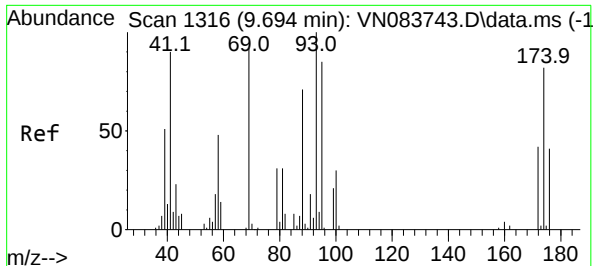


#48
Methyl methacrylate
Concen: 55.322 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



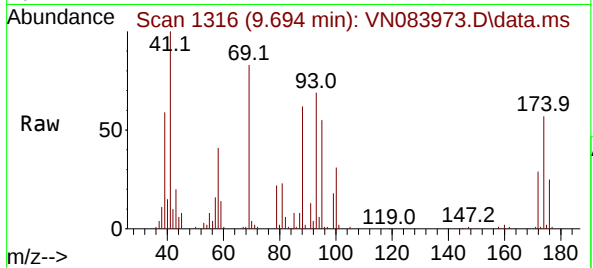
Tgt Ion: 41 Resp: 130340
Ion Ratio Lower Upper
41 100
69 77.8 64.3 96.5
39 61.0 48.9 73.3





#49
1,4-Dioxane
Concen: 1093.936 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

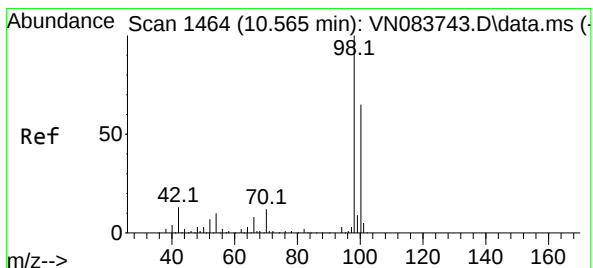
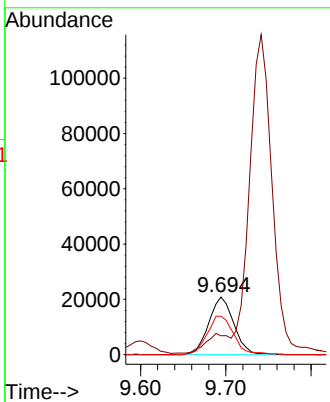
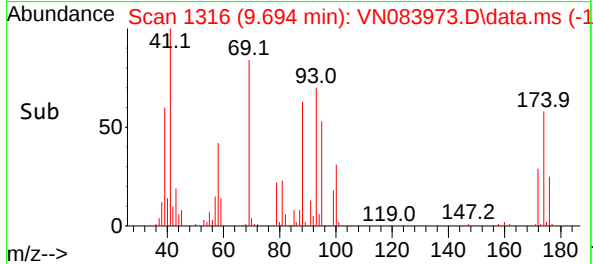
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 42395
Ion Ratio Lower Upper
88 100
43 33.1 0.0 0.0
58 71.3 57.1 85.7

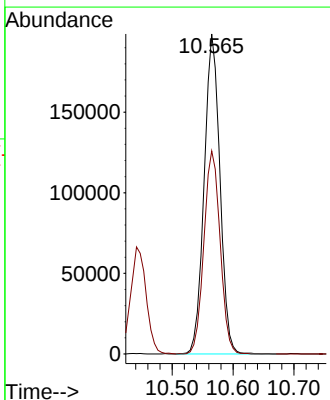
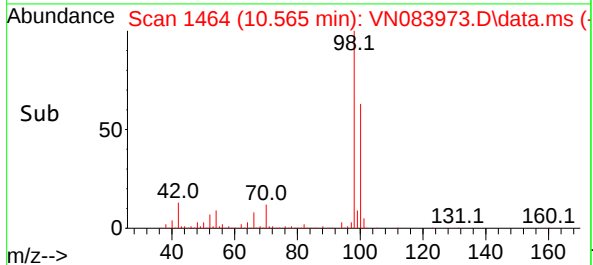
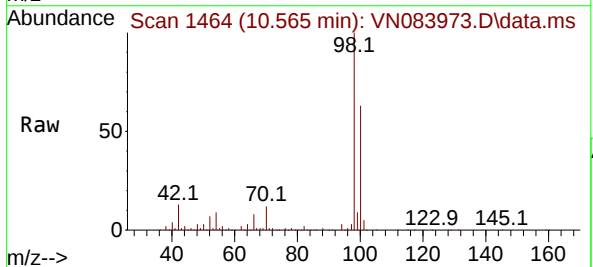
Manual Integrations
APPROVED

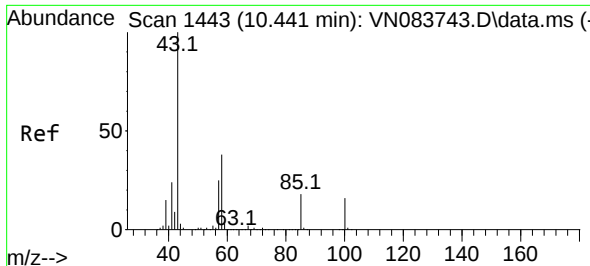
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

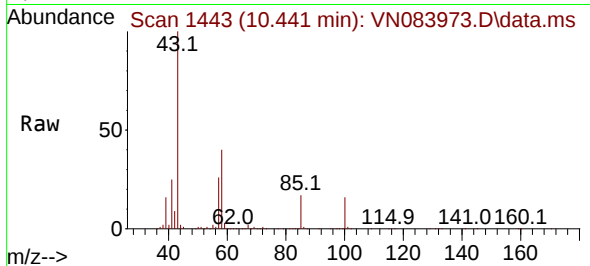
Tgt Ion: 98 Resp: 357168
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#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

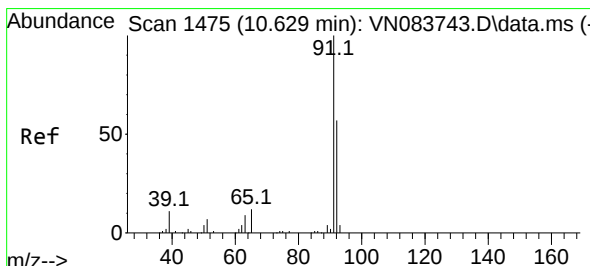
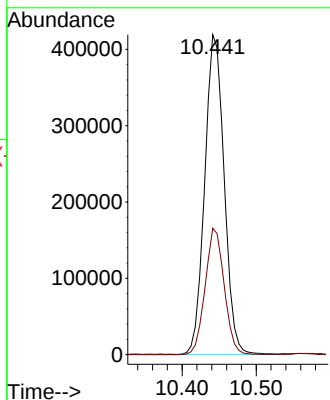
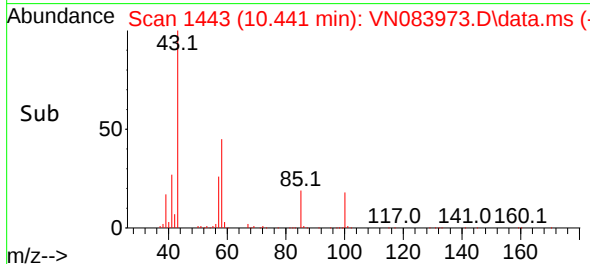
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 762770
Ion Ratio Lower Upper
43 100
58 38.8 31.6 47.4

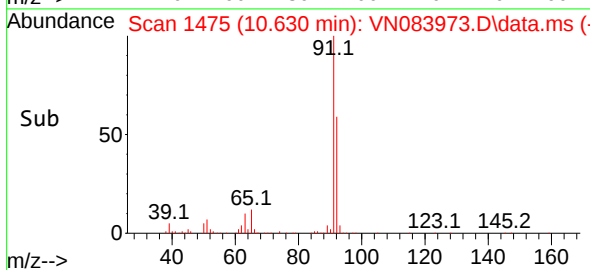
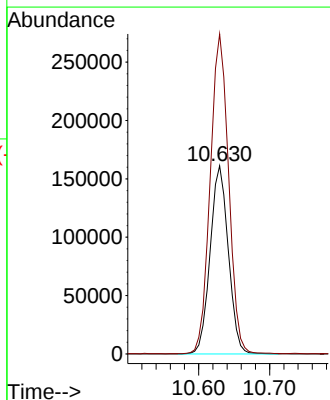
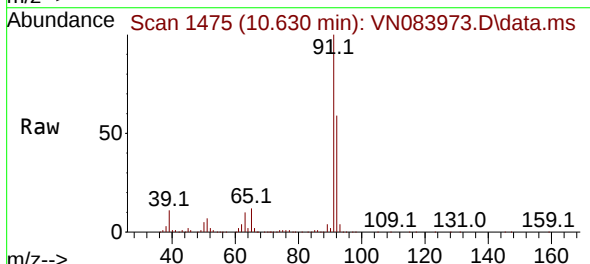
Manual Integrations
APPROVED

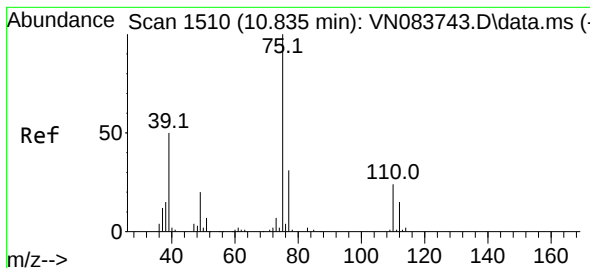
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

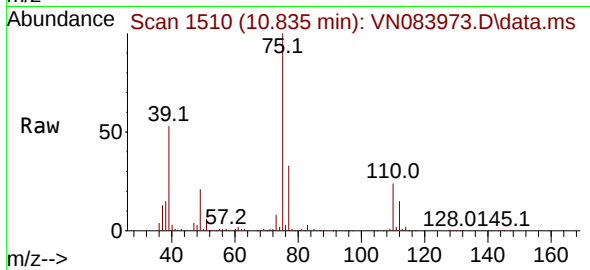
Tgt Ion: 92 Resp: 285959
Ion Ratio Lower Upper
92 100
91 172.1 134.7 202.1





#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

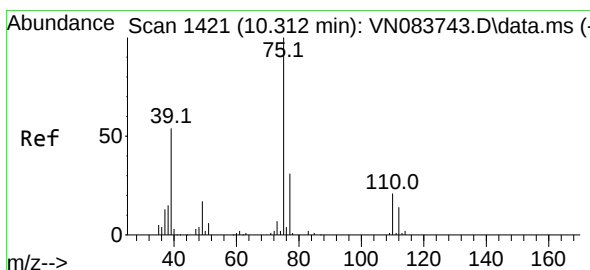
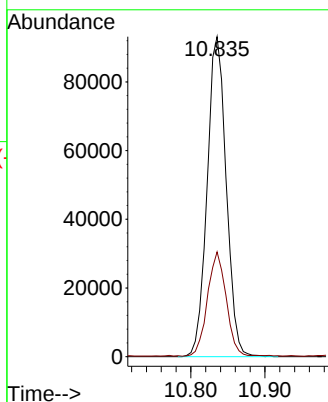
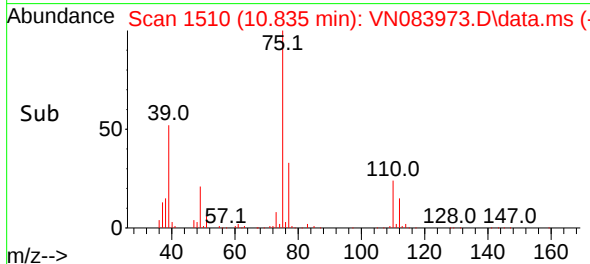
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



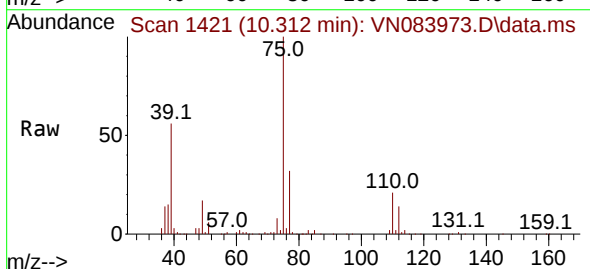
Tgt Ion: 75 Resp: 166614
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6

Manual Integrations
APPROVED

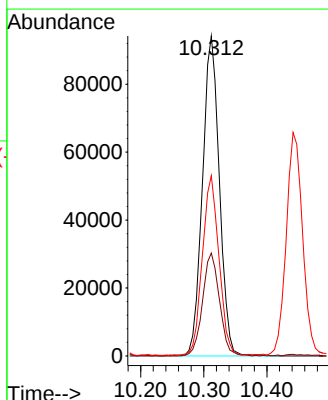
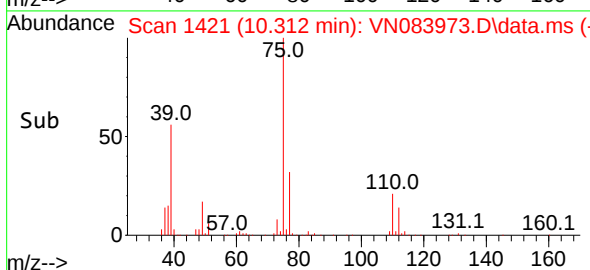
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

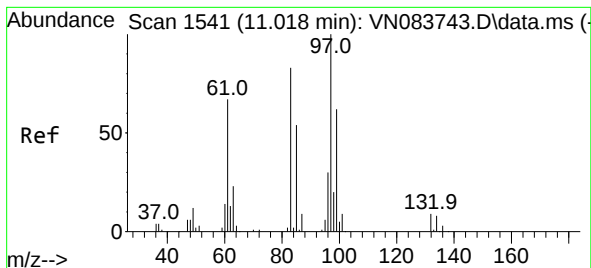


#54
cis-1,3-Dichloropropene
Concen: 49.421 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



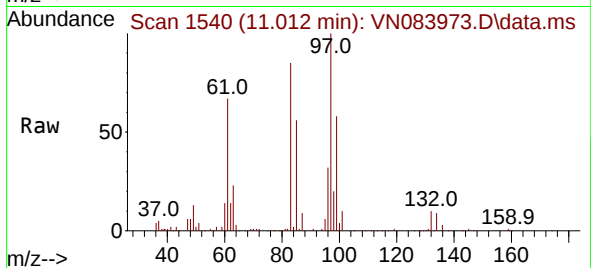
Tgt Ion: 75 Resp: 175187
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 56.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 51.172 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

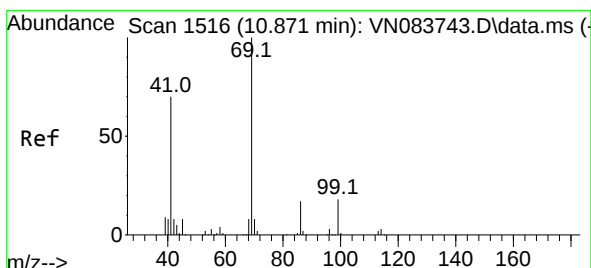
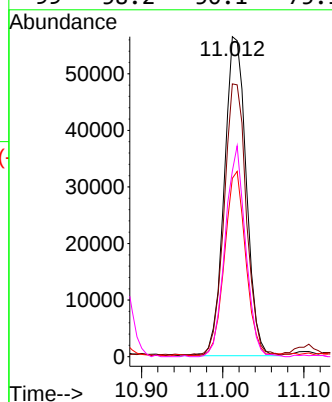
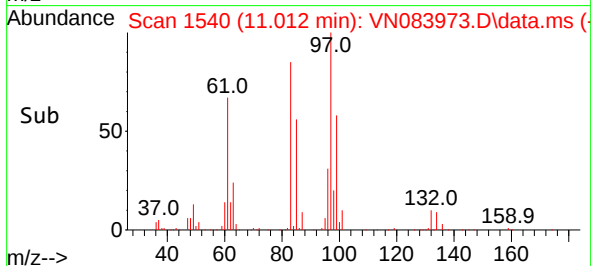
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



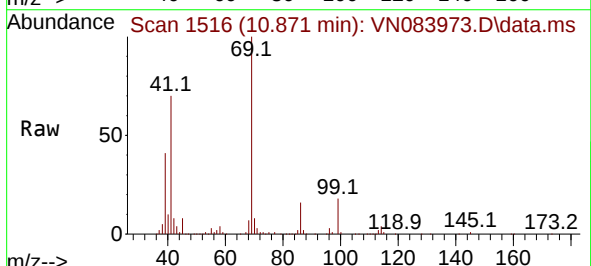
Tgt Ion:	97	Resp:	10618
Ion Ratio	100	Lower	Upper
97	100		
83	84.9	67.5	101.3
85	55.3	44.2	66.2
99	58.2	50.1	75.1

Manual Integrations
APPROVED

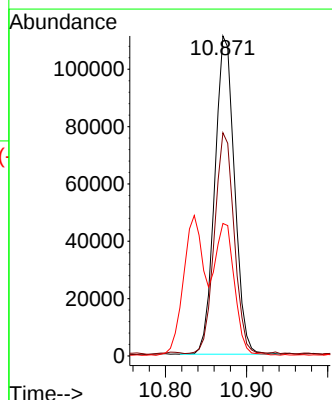
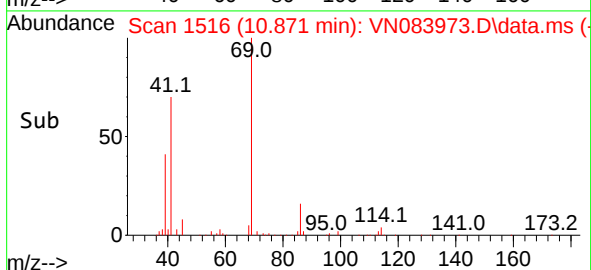
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

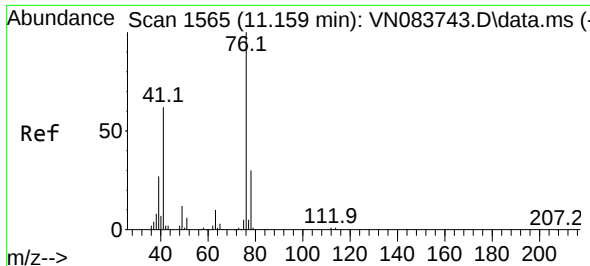


#56
Ethyl methacrylate
Concen: 58.730 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



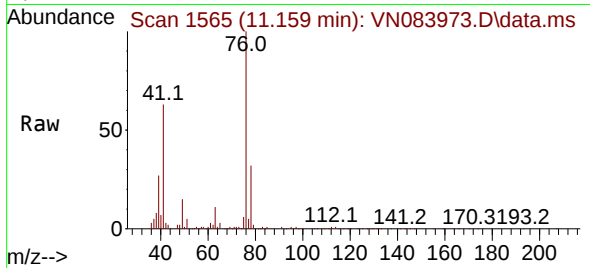
Tgt Ion:	69	Resp:	187496
Ion Ratio	100	Lower	Upper
69	100		
41	69.1	53.9	80.9
39	41.3	32.6	48.8





#57
1,3-Dichloropropane
Concen: 52.209 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

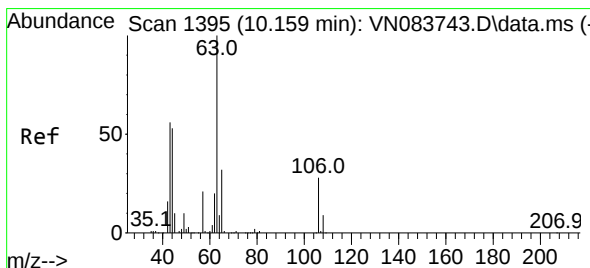
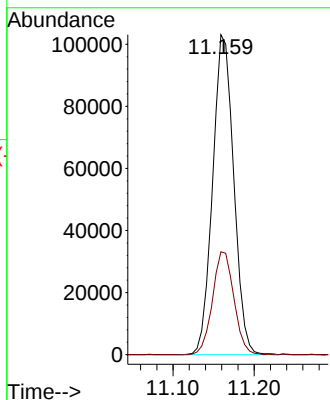
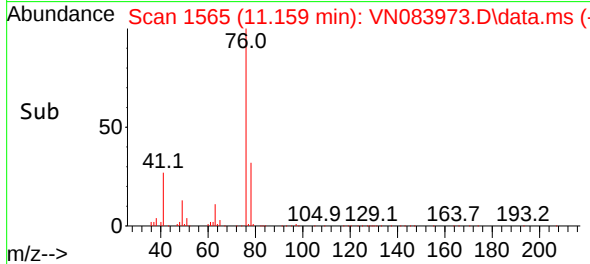
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



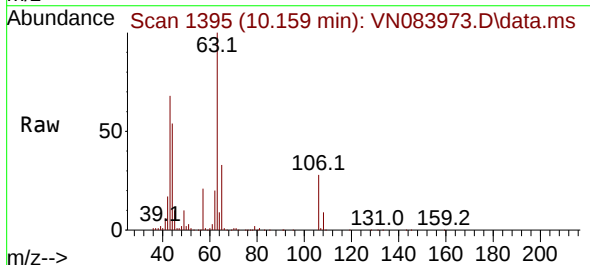
Tgt Ion: 76 Resp: 186190
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

Manual Integrations
APPROVED

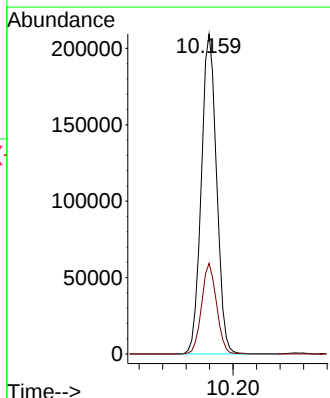
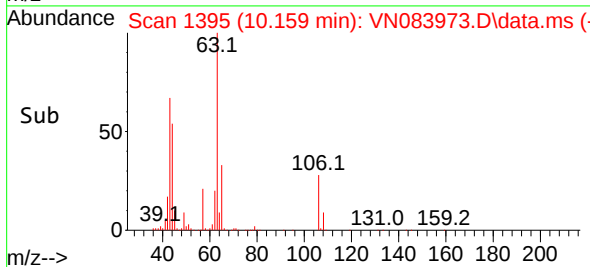
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

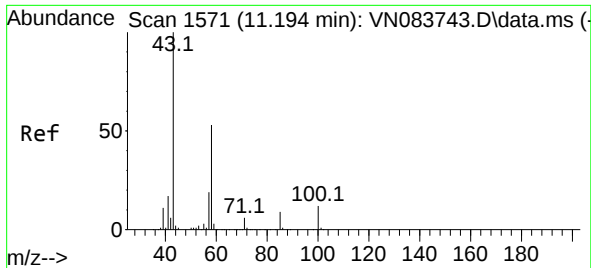


#58
2-Chloroethyl Vinyl ether
Concen: 328.783 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



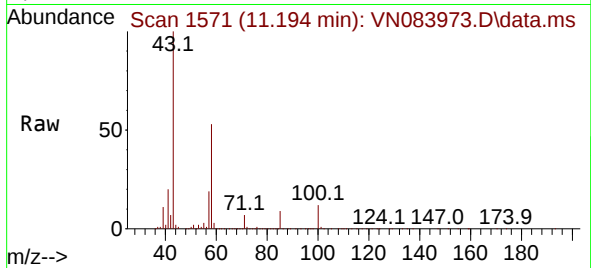
Tgt Ion: 63 Resp: 378212
Ion Ratio Lower Upper
63 100
106 27.6 23.3 34.9





#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

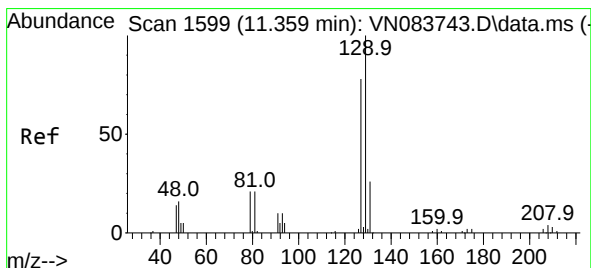
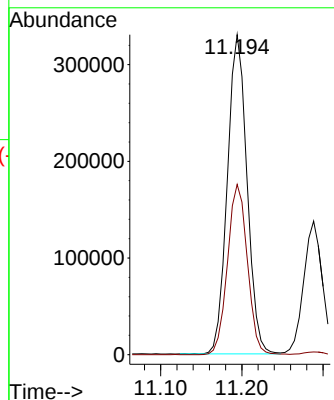
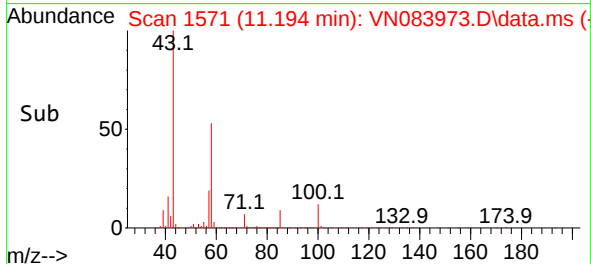
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 555223
Ion Ratio Lower Upper
43 100
58 53.8 27.2 81.5

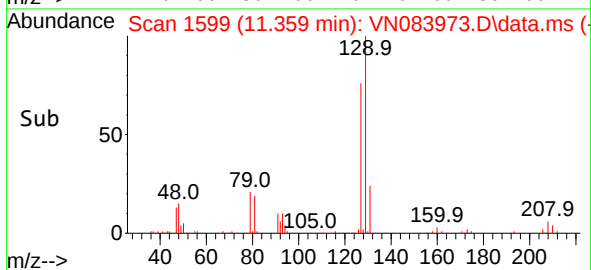
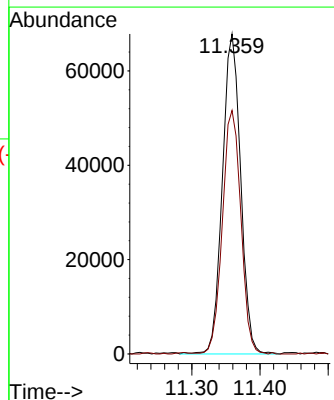
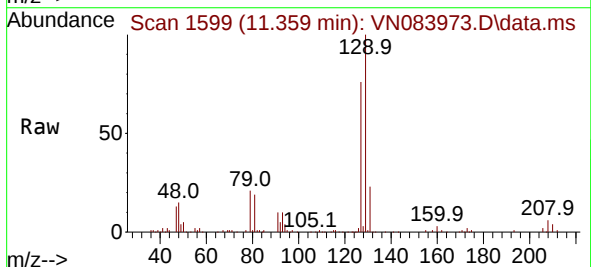
Manual Integrations
APPROVED

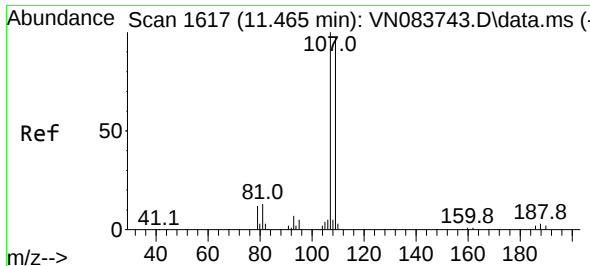
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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# 1618
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

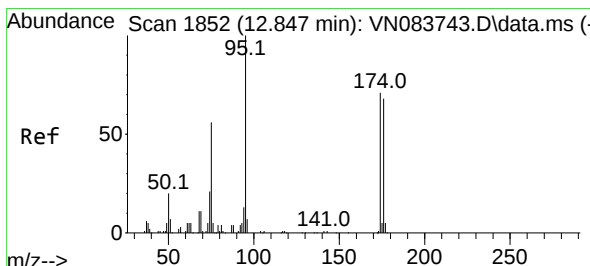
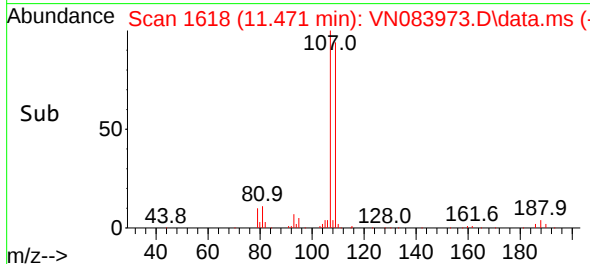
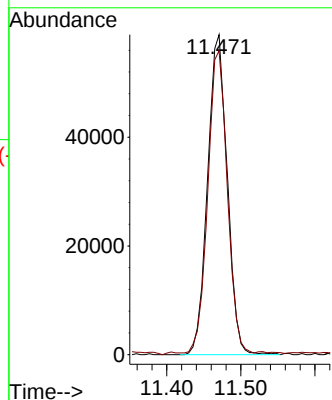
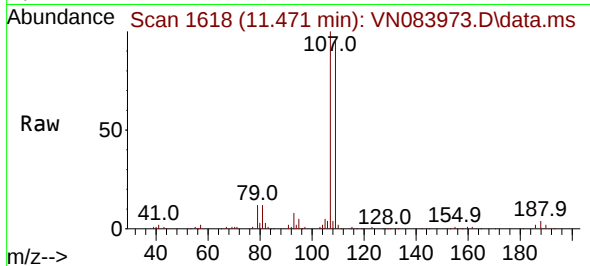
Tgt Ion:107 Resp: 10882
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations

APPROVED

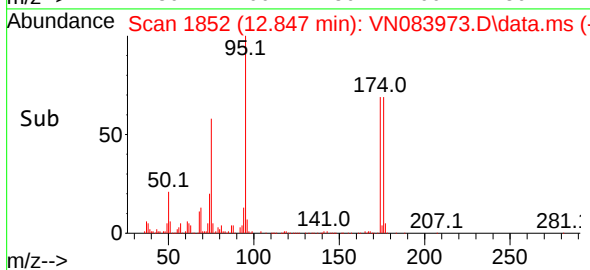
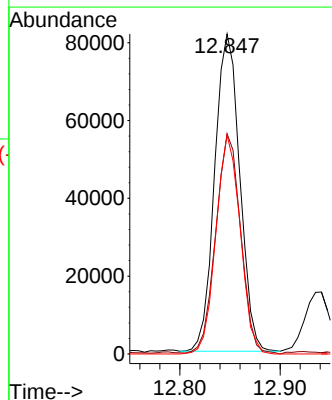
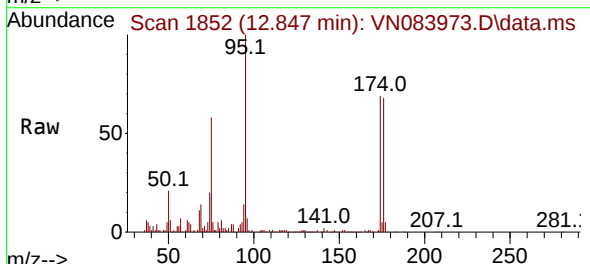
Reviewed By :John Carlone 09/18/2024

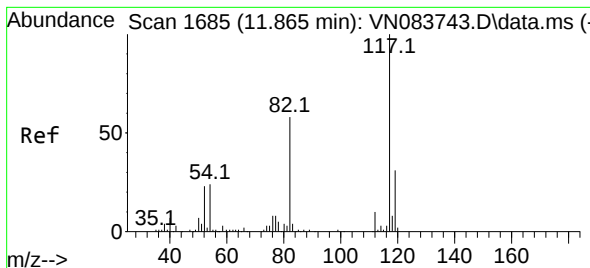
Supervised By :Mahesh Dadoda 09/18/2024



#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

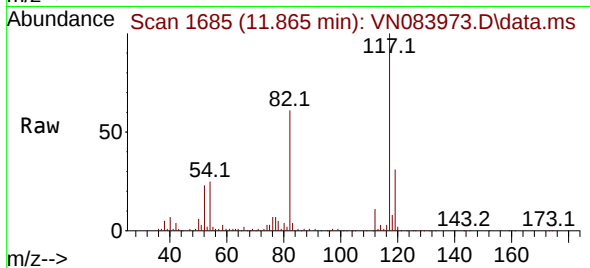
Tgt Ion: 95 Resp: 141820
Ion Ratio Lower Upper
95 100
174 68.9 0.0 139.8
176 66.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32

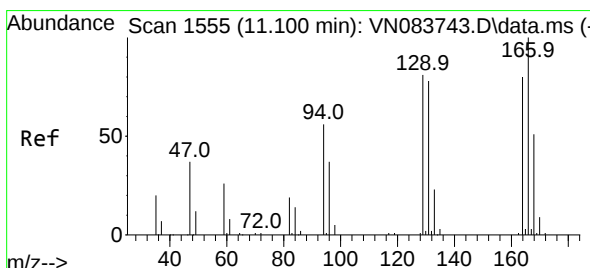
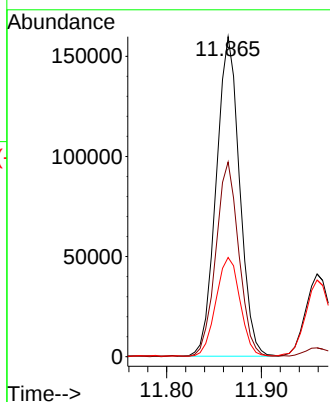
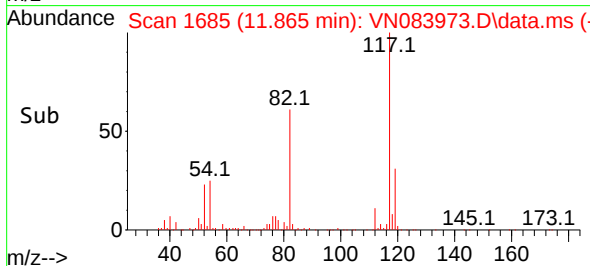
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



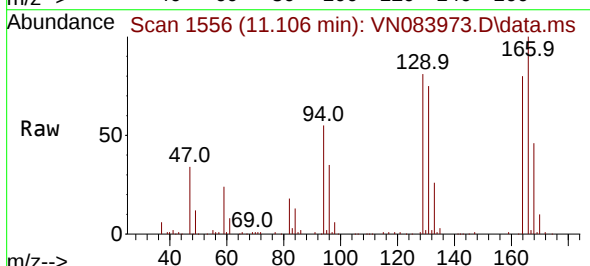
Tgt Ion:117 Resp: 274149
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 30.7 26.3 39.5

Manual Integrations
APPROVED

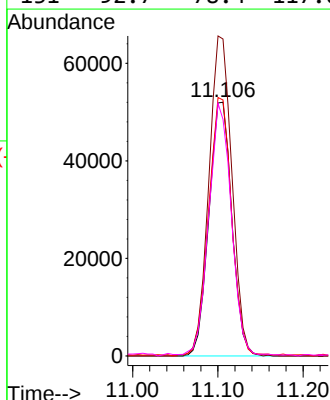
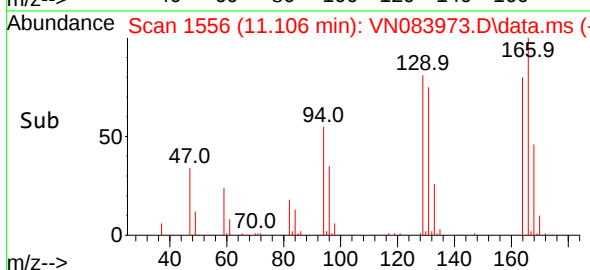
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

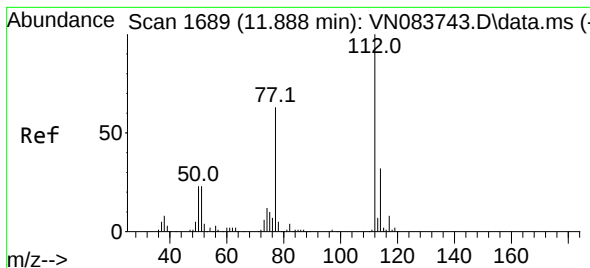


#64
Tetrachloroethene
Concen: 53.241 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



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

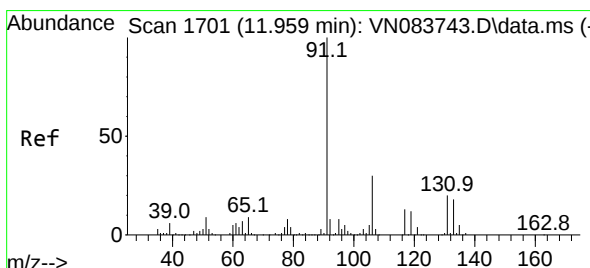
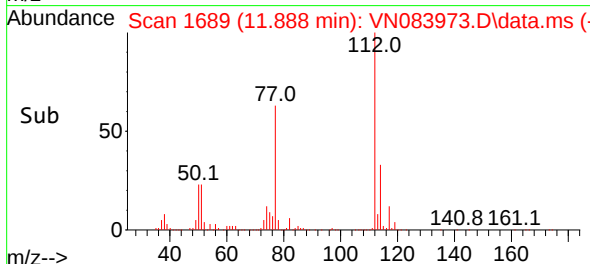
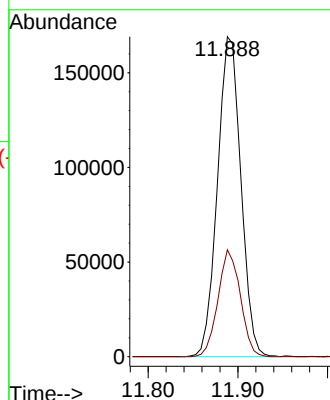
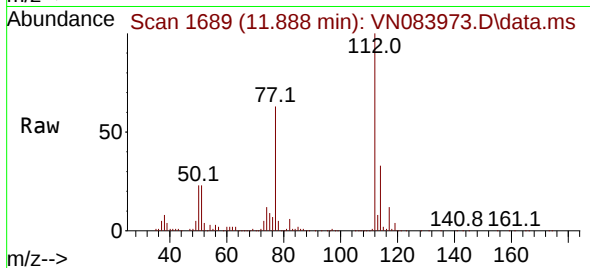
114 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#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

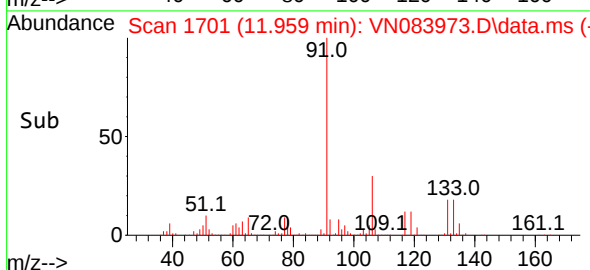
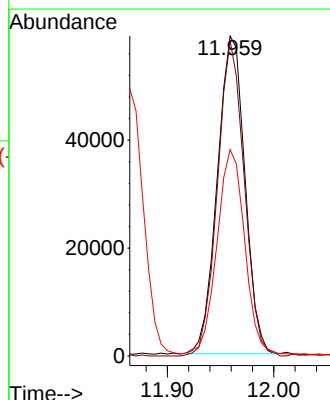
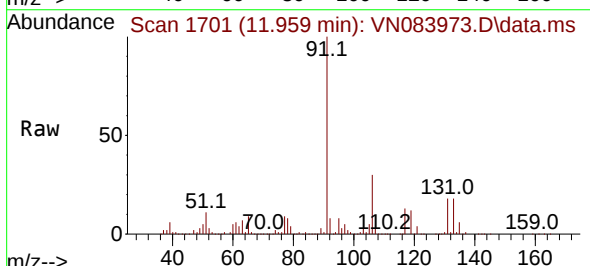
Tgt Ion:131 Resp: 105857

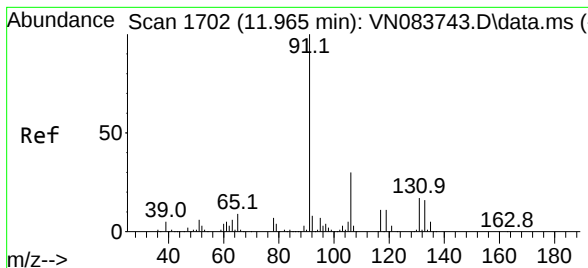
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

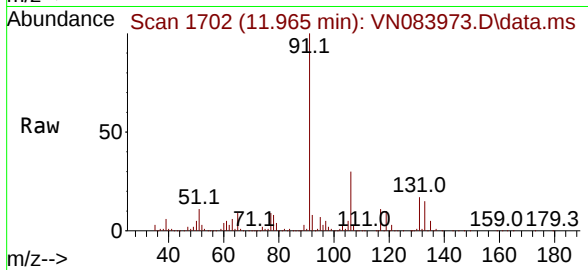
119 65.4 31.6 94.8





#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

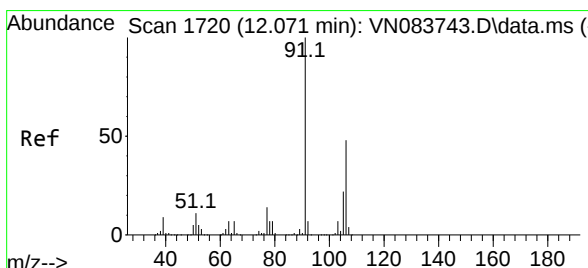
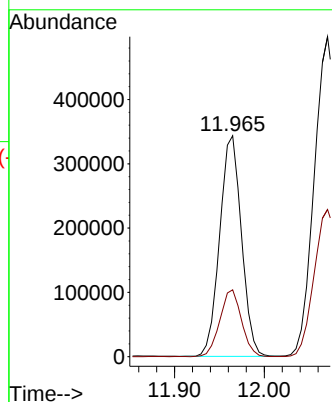
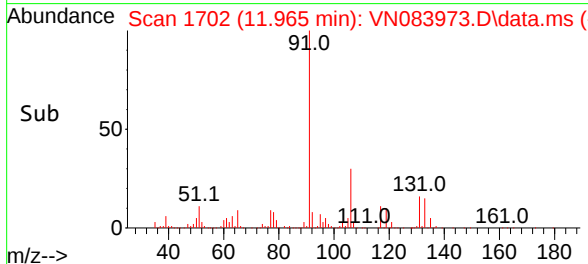
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



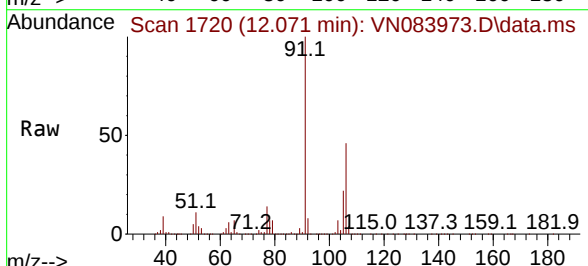
Tgt Ion: 91 Resp: 57740
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

Manual Integrations
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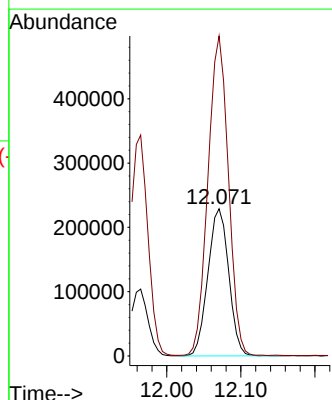
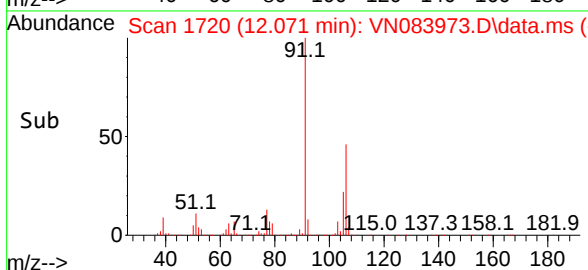
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

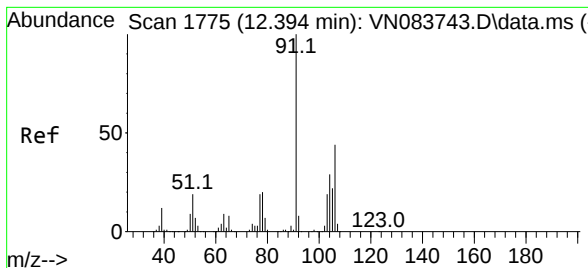


#68
m/p-Xylenes
Concen: 111.014 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



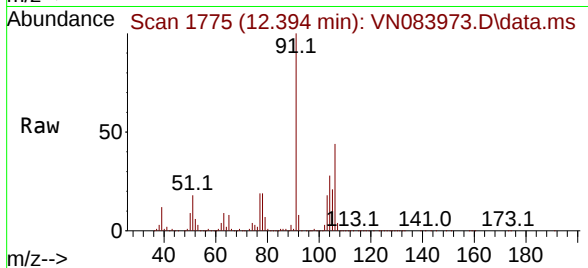
Tgt Ion:106 Resp: 446115
Ion Ratio Lower Upper
106 100
91 213.1 169.2 253.8





#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

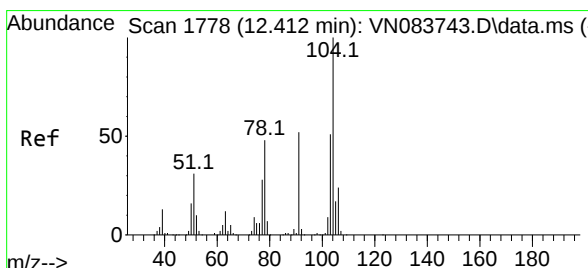
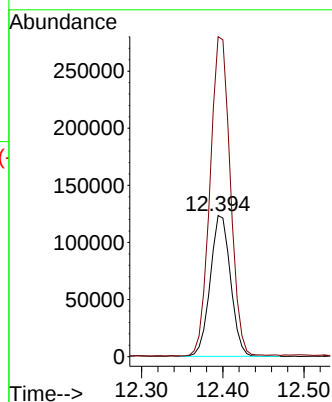
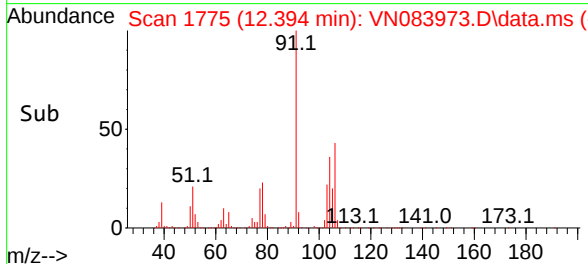
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

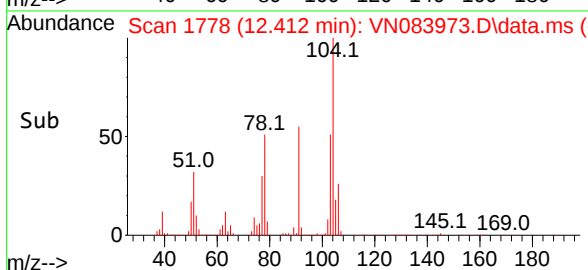
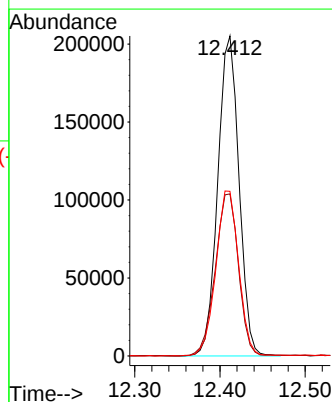
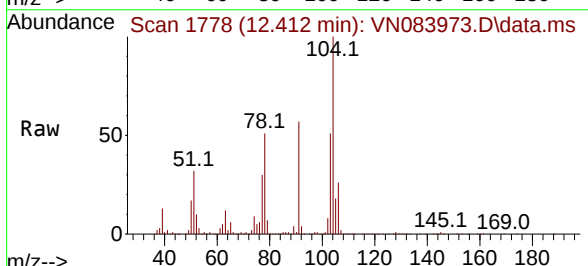
Manual Integrations
APPROVED

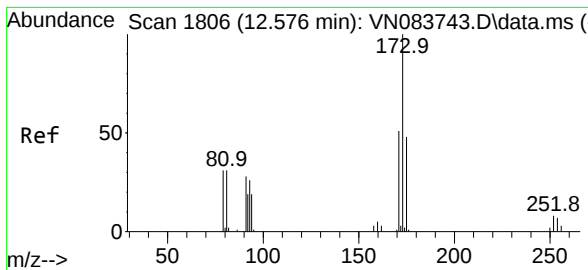
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

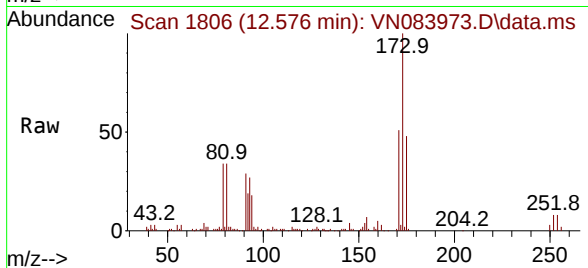
Tgt Ion:104 Resp: 355865
Ion Ratio Lower Upper
104 100
78 55.6 43.3 64.9
103 55.4 43.4 65.2





#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

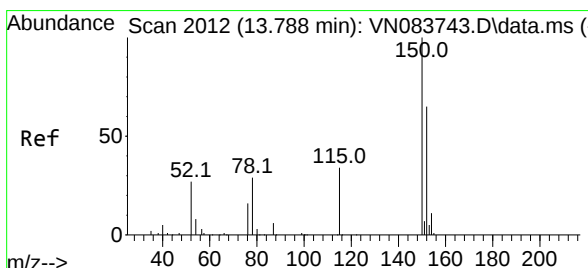
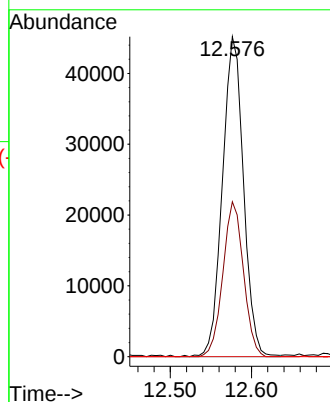
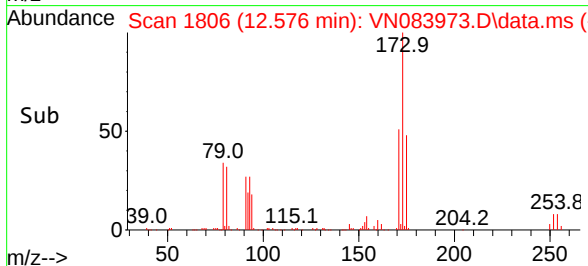
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



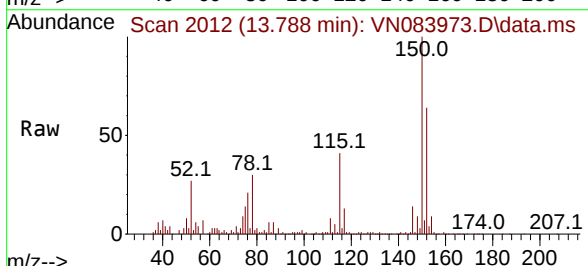
Tgt Ion:173 Resp: 81569
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
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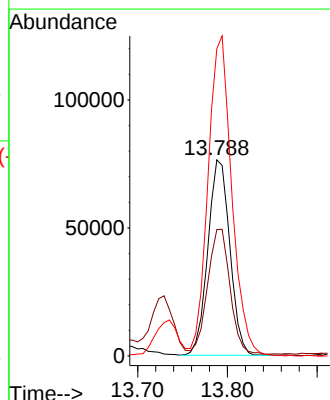
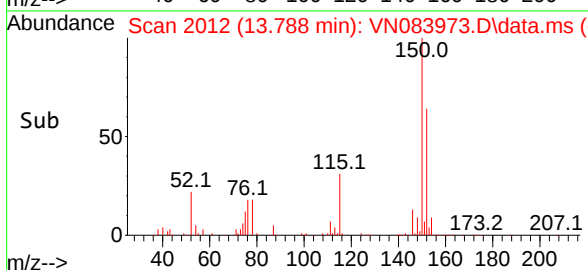
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

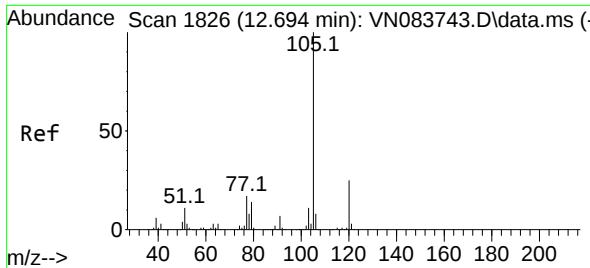


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



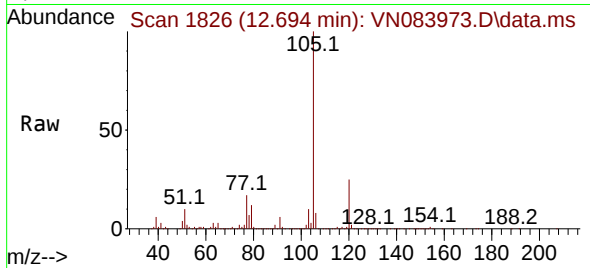
Tgt Ion:152 Resp: 130150
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 176.9 0.0 348.6





#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

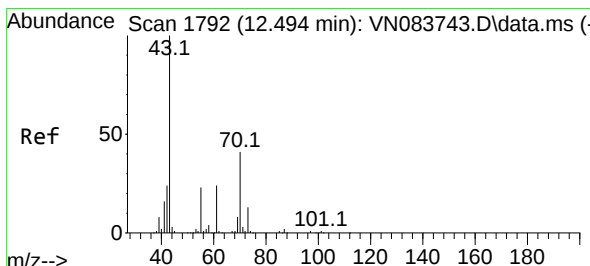
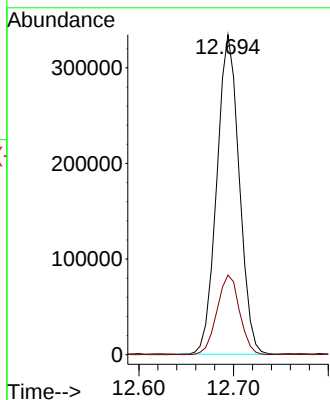
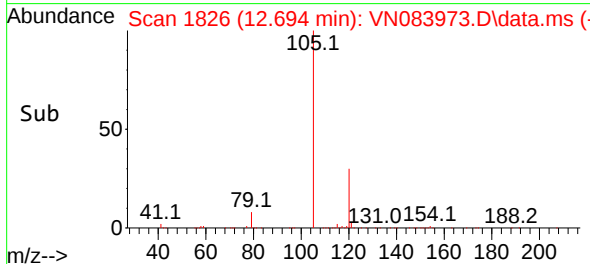
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 54903
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

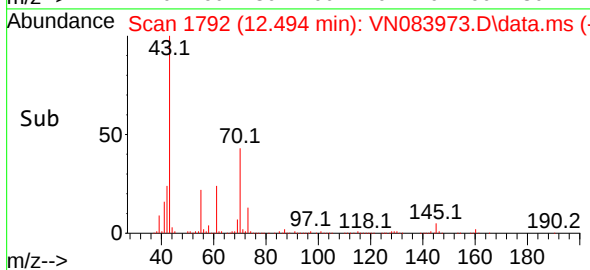
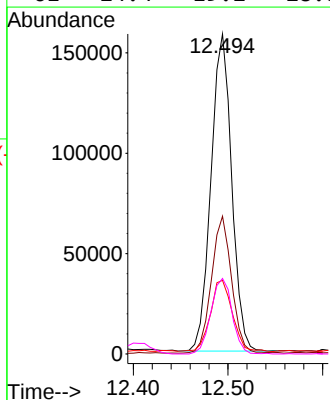
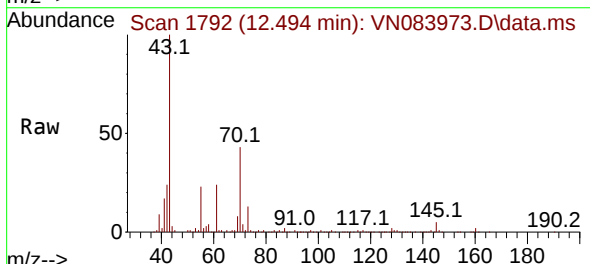
Manual Integrations
APPROVED

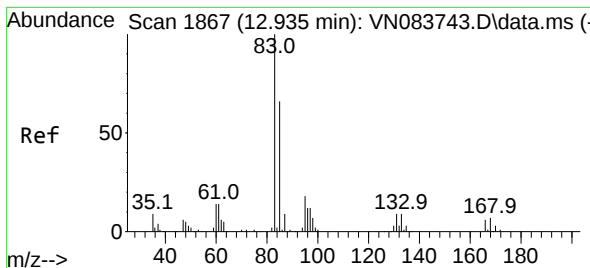
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

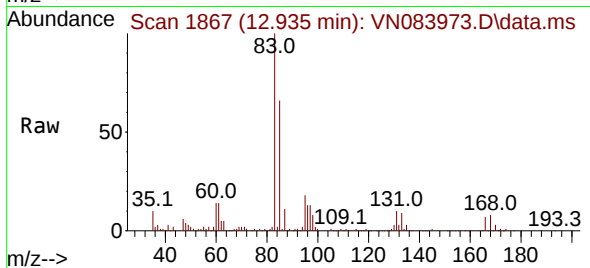
Tgt Ion: 43 Resp: 239583
Ion Ratio Lower Upper
43 100
70 42.2 34.5 51.7
55 23.9 18.6 28.0
61 24.4 19.2 28.8





#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

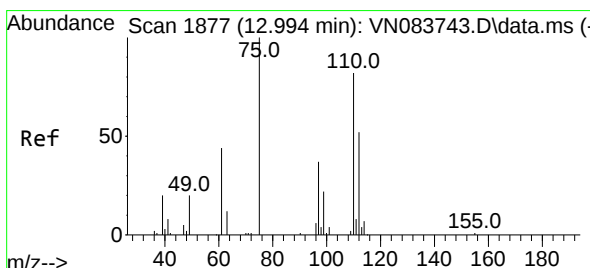
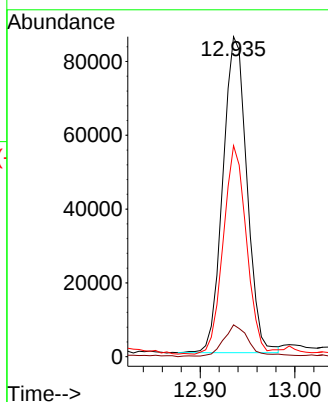
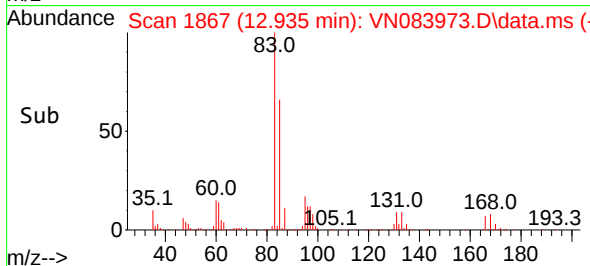
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



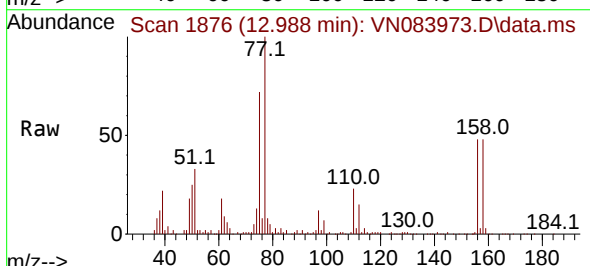
Tgt Ion: 83 Resp: 151302
Ion Ratio Lower Upper
83 100
131 11.0 5.2 15.6
85 63.4 31.9 95.9

Manual Integrations
APPROVED

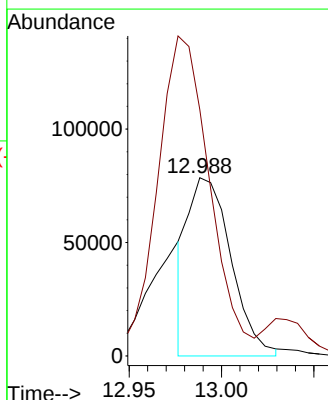
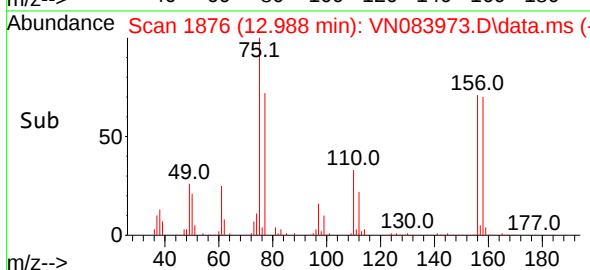
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

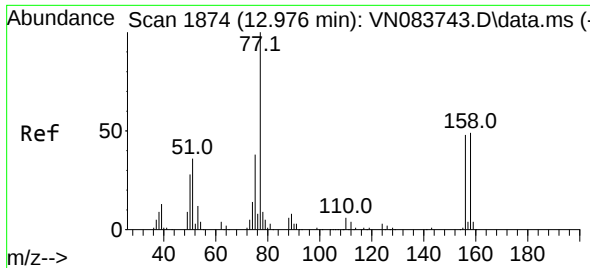


#76
1,2,3-Trichloropropane
Concen: 48.420 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



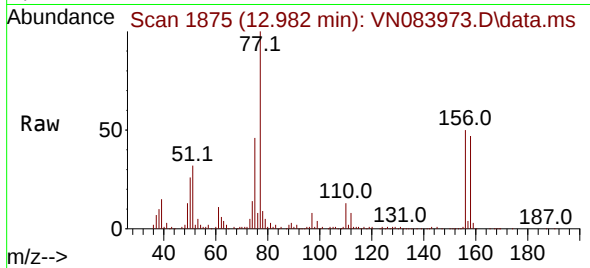
Tgt Ion: 75 Resp: 127160
Ion Ratio Lower Upper
75 100
77 217.2 95.2 285.6





#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

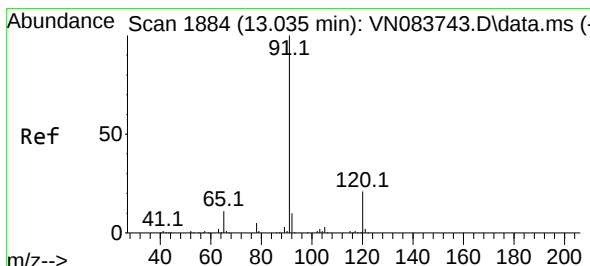
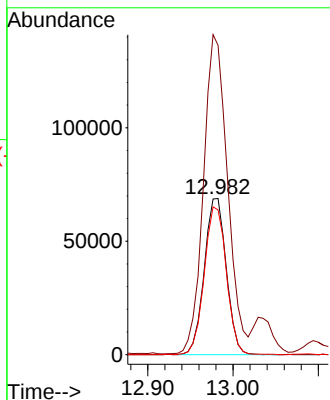
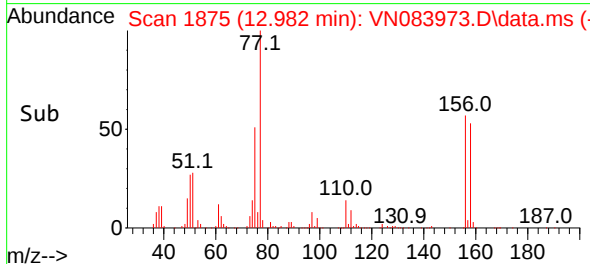
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



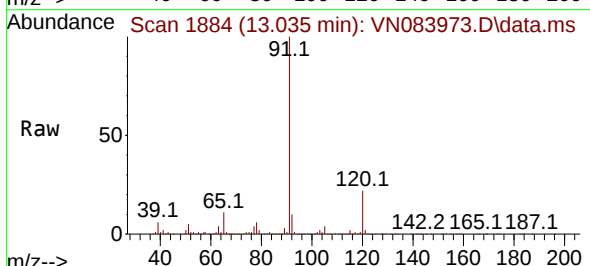
Tgt Ion:156 Resp: 12327
Ion Ratio Lower Upper
156 100
77 224.1 114.3 343.1
158 95.4 48.9 146.7

Manual Integrations
APPROVED

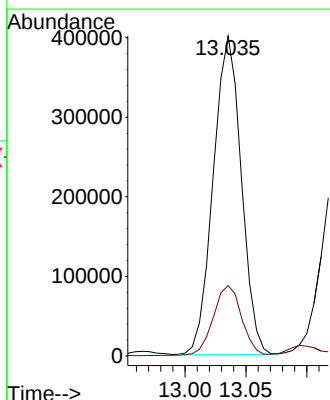
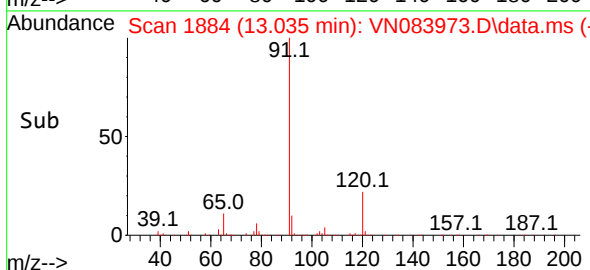
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

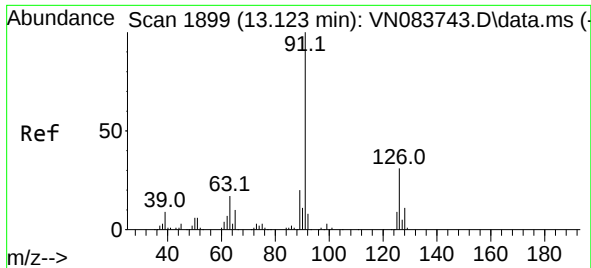


#78
n-propylbenzene
Concen: 54.763 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



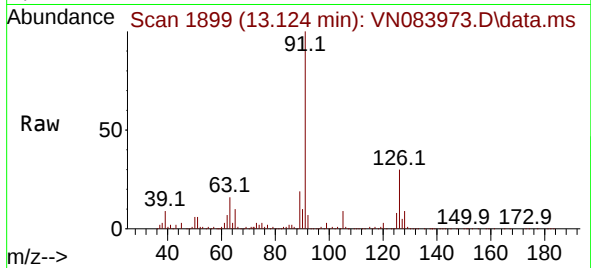
Tgt Ion: 91 Resp: 641589
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





#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

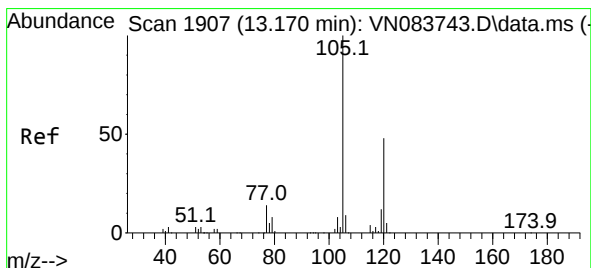
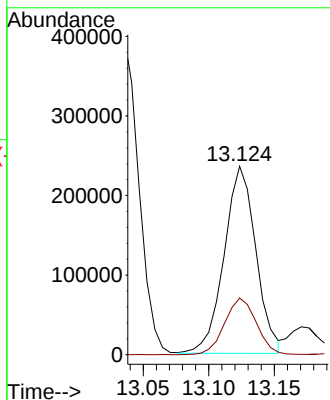
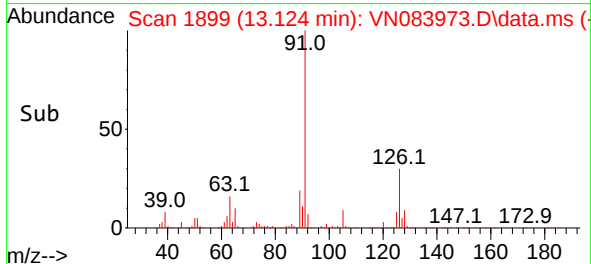
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



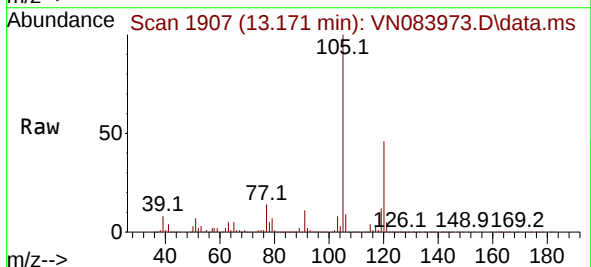
Tgt Ion: 91 Resp: 397100
Ion Ratio Lower Upper
91 100
126 30.3 15.4 46.2

Manual Integrations
APPROVED

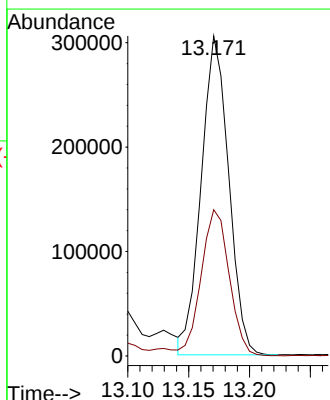
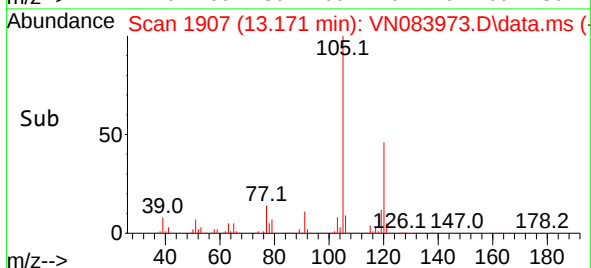
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

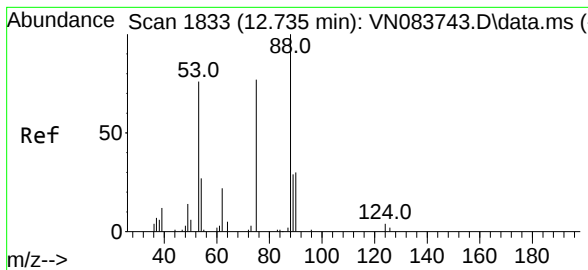


#80
1,3,5-Trimethylbenzene
Concen: 56.430 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



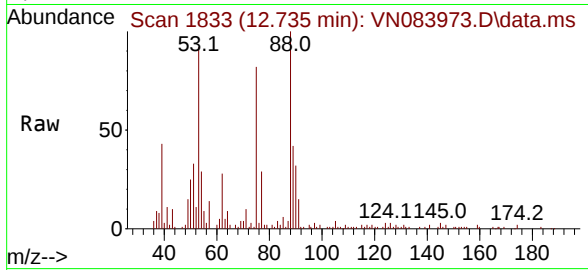
Tgt Ion:105 Resp: 479053
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





#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

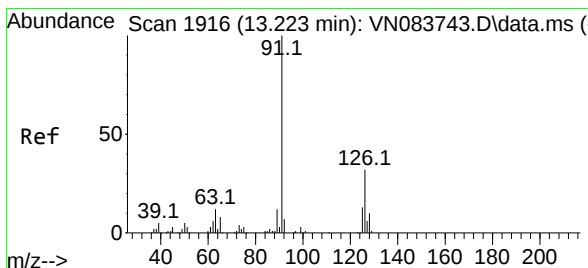
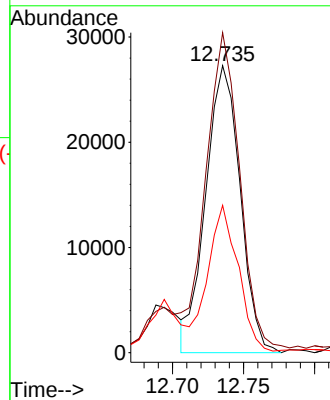
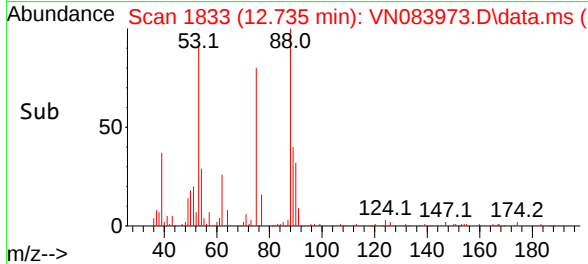
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

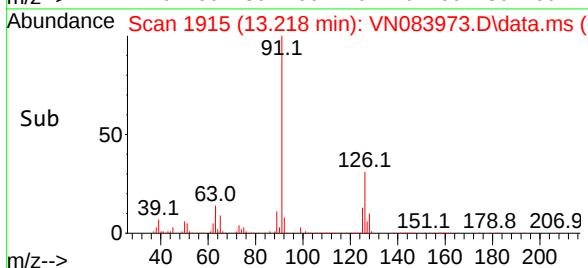
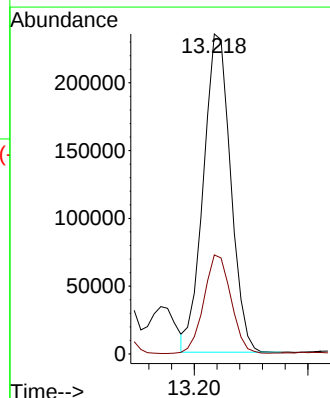
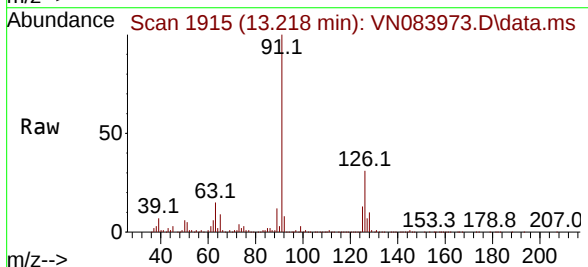
Manual Integrations
APPROVED

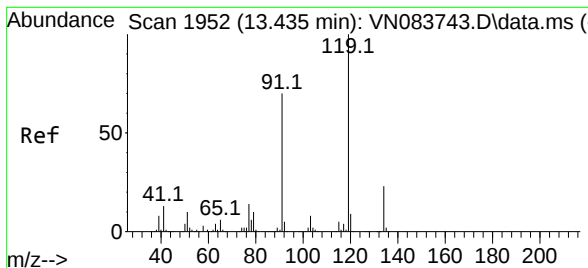
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

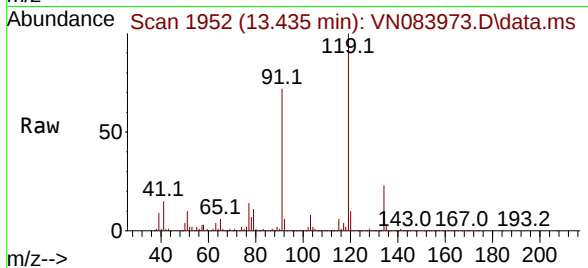
Tgt Ion: 91 Resp: 390697
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.2





#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

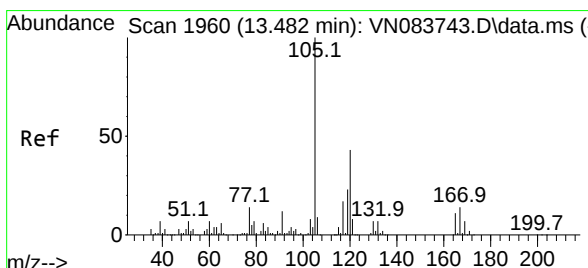
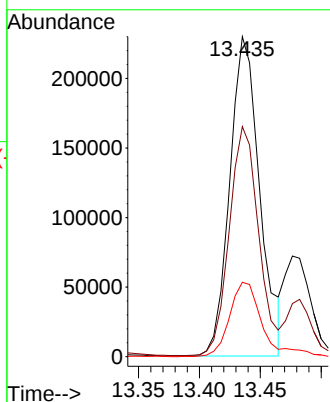
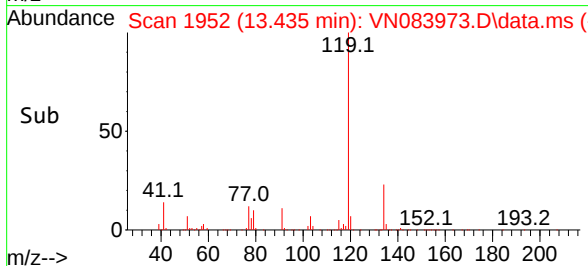
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



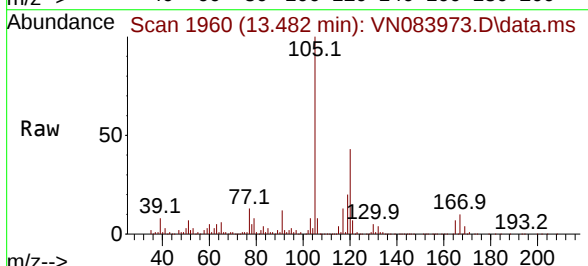
Tgt Ion:119 Resp: 392529
Ion Ratio Lower Upper
119 100
91 70.4 34.5 103.6
134 25.5 12.8 38.4

Manual Integrations
APPROVED

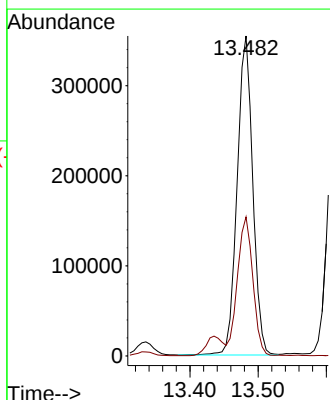
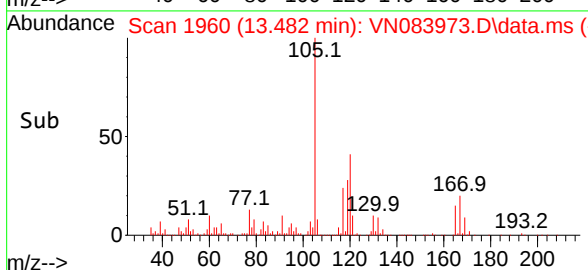
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

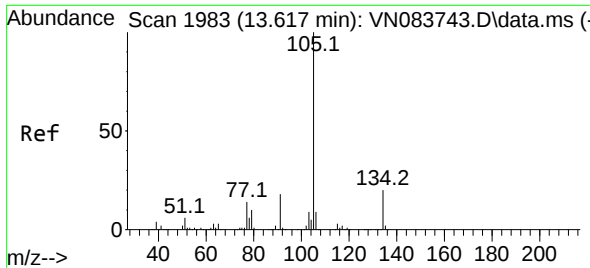


#84
1,2,4-Trimethylbenzene
Concen: 66.061 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



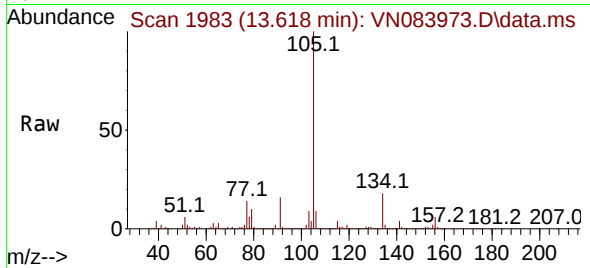
Tgt Ion:105 Resp: 563338
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.4





#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

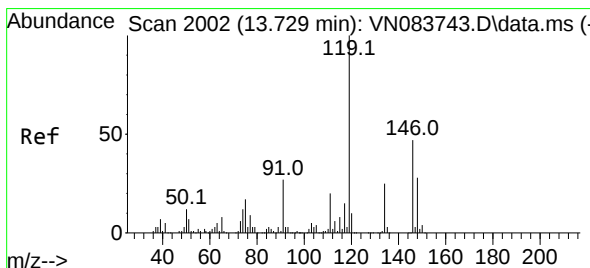
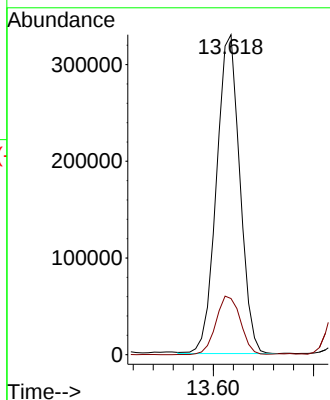
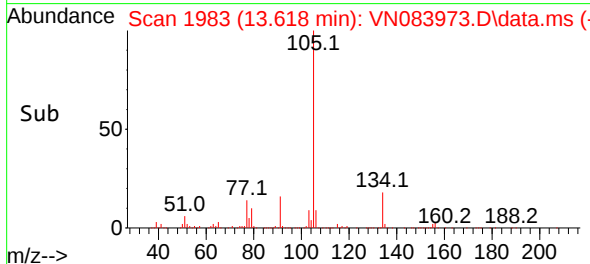
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 53297
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

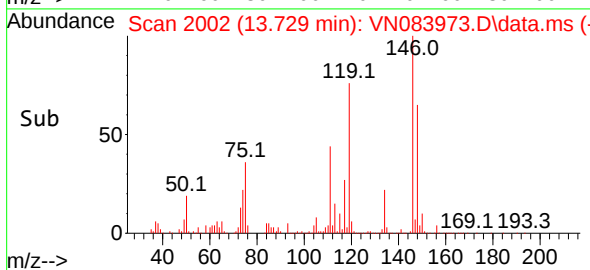
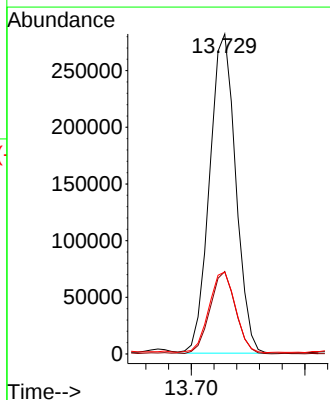
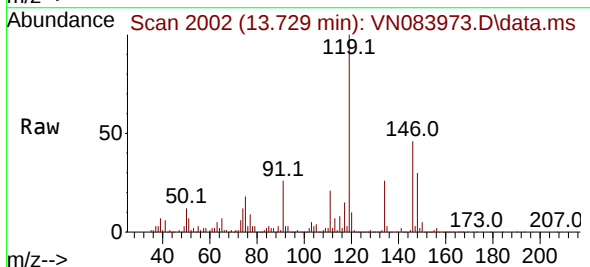
Manual Integrations
 APPROVED

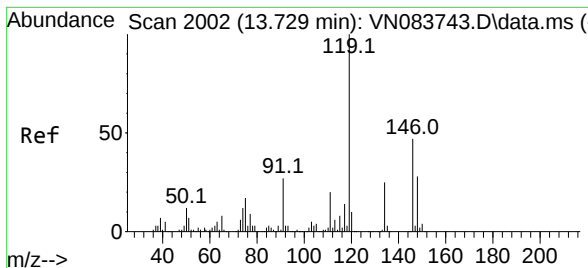
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#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: 226240

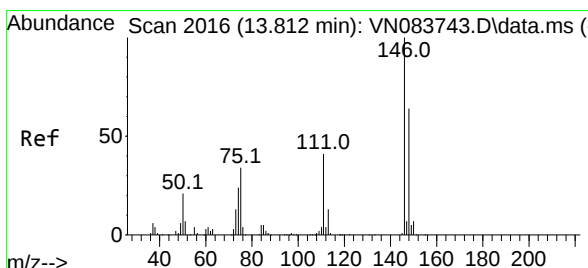
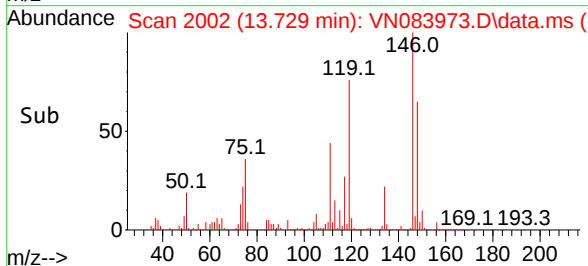
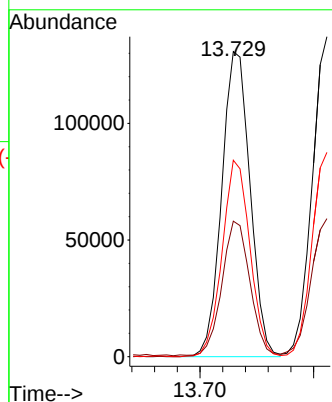
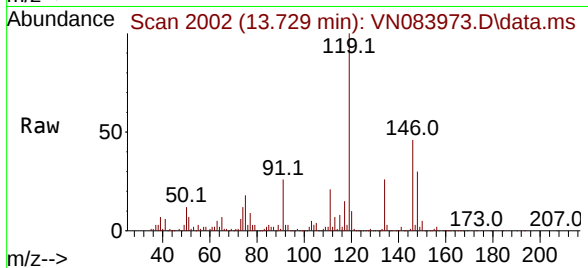
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#88

1,4-Dichlorobenzene

Concen: 48.704 ug/l

RT: 13.812 min Scan# 2016

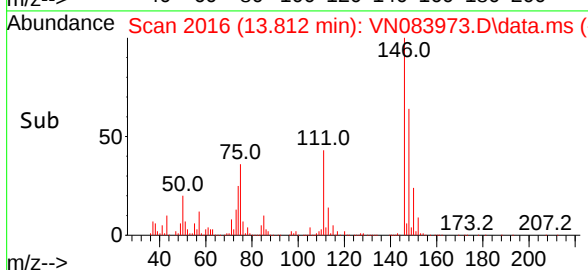
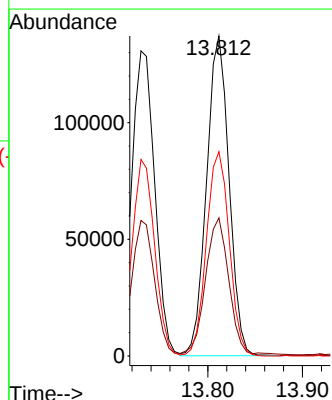
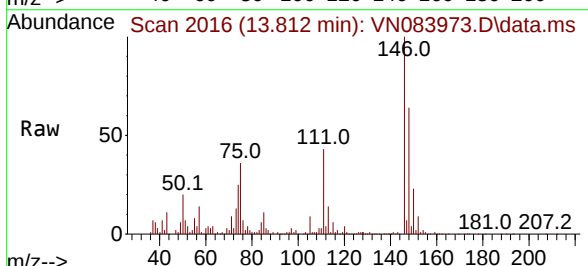
Delta R.T. 0.000 min

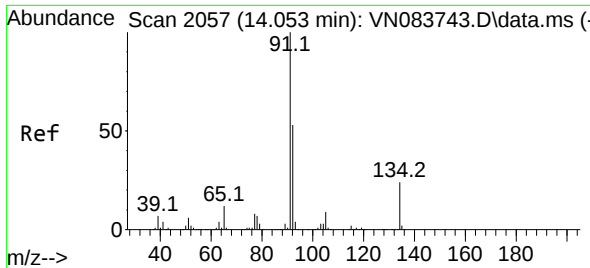
Lab File: VN083973.D

Acq: 18 Sep 2024 09:32

Tgt Ion:146 Resp: 225588

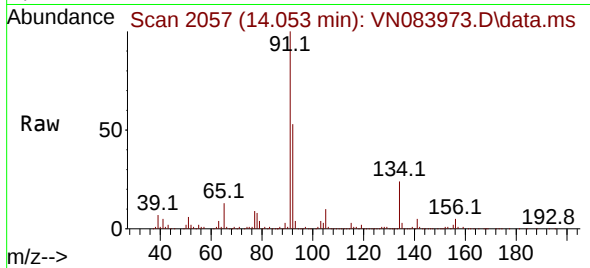
Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.3	64.0
148	65.2	32.0	96.2





#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

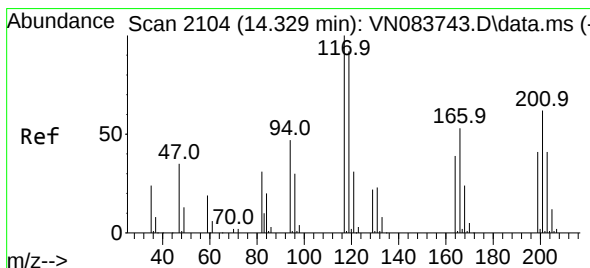
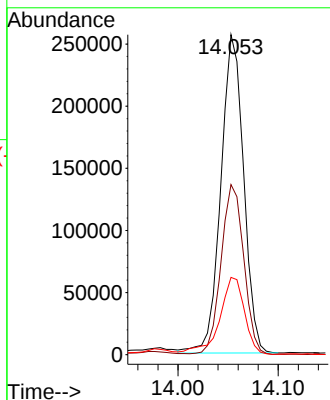
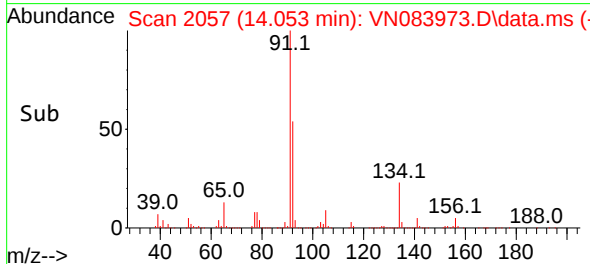
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



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

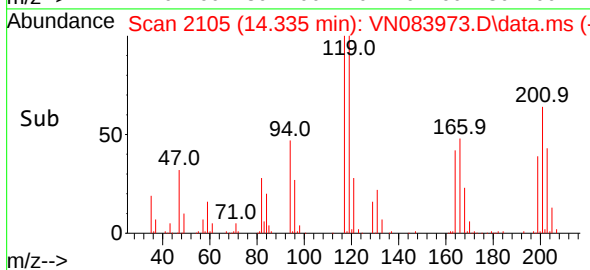
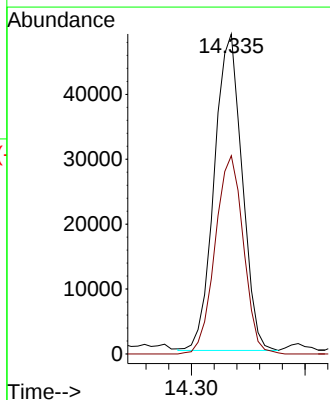
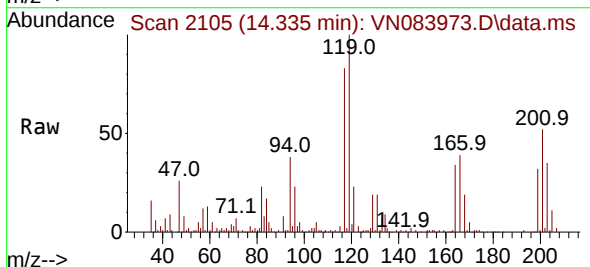
Manual Integrations
APPROVED

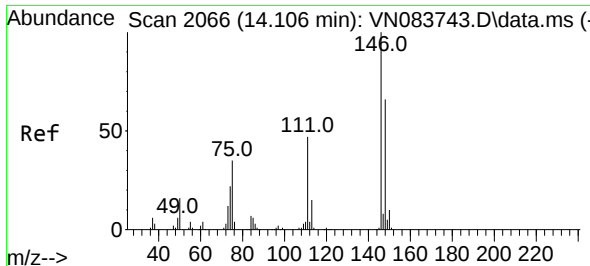
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

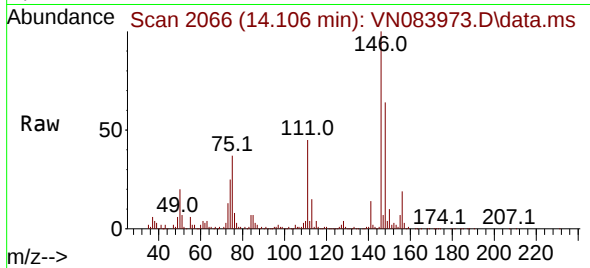
Tgt Ion:117 Resp: 82868
Ion Ratio Lower Upper
117 100
201 63.6 32.8 98.3





#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

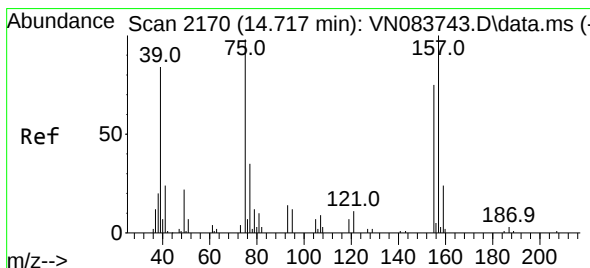
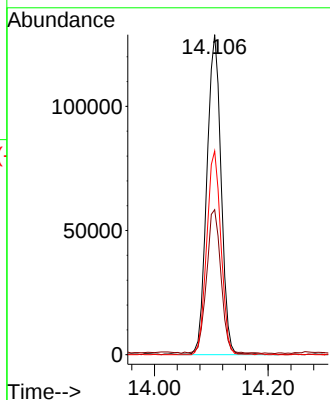
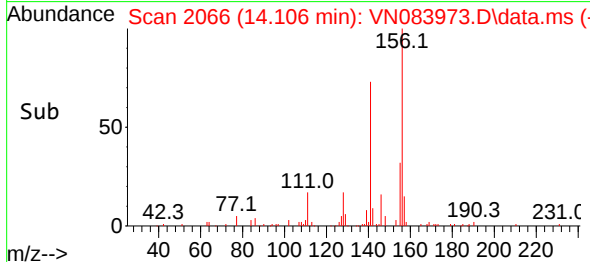
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



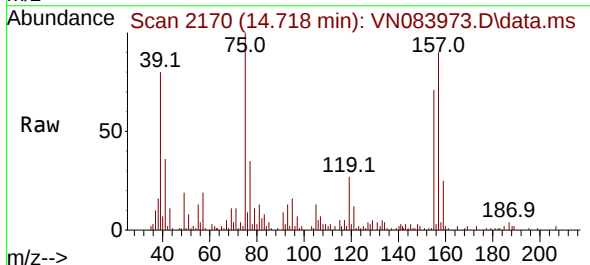
Tgt Ion:146 Resp: 22264
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

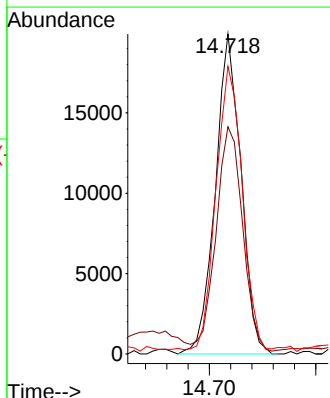
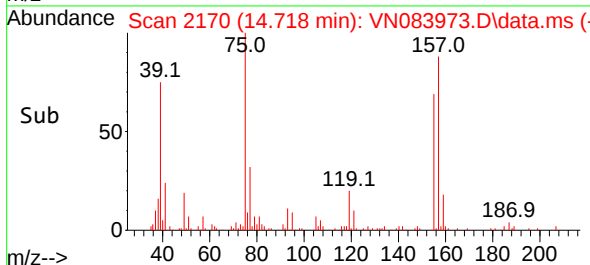
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

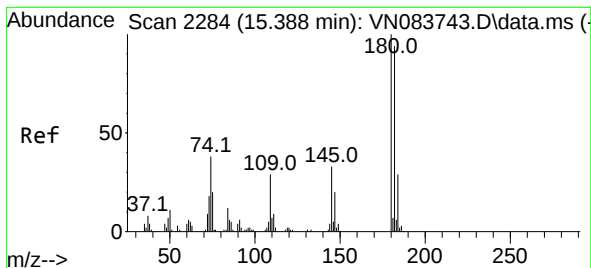


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.389 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083973.D
Acq: 18 Sep 2024 09:32



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# 2284

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

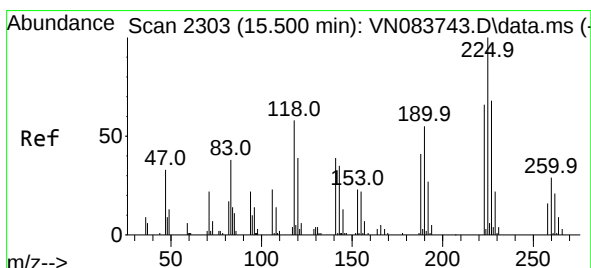
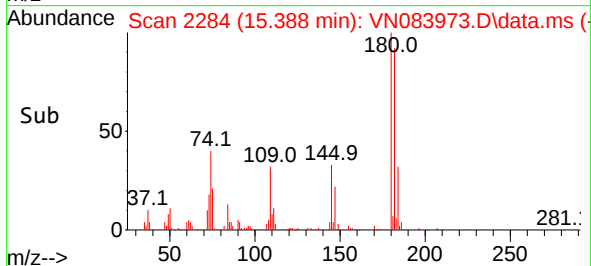
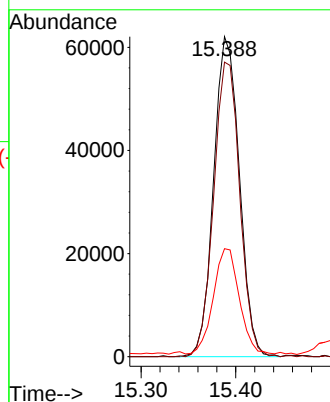
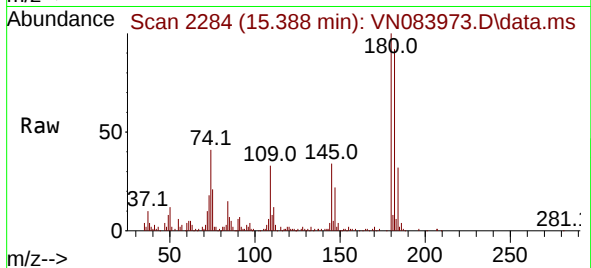
145 33.3 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#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

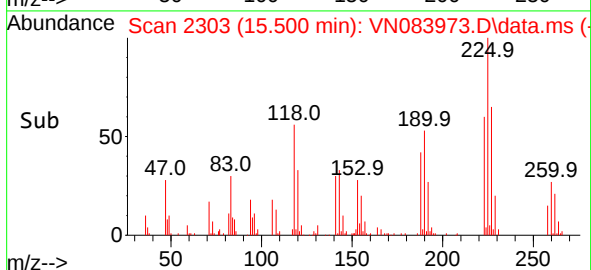
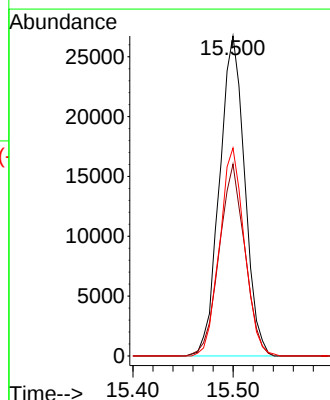
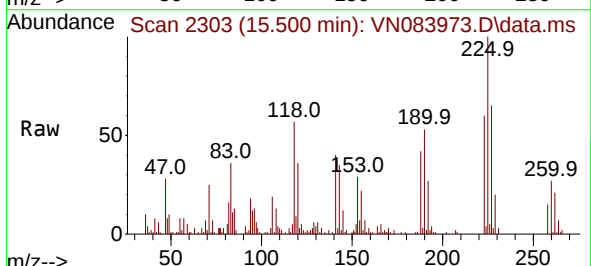
Tgt Ion:225 Resp: 46625

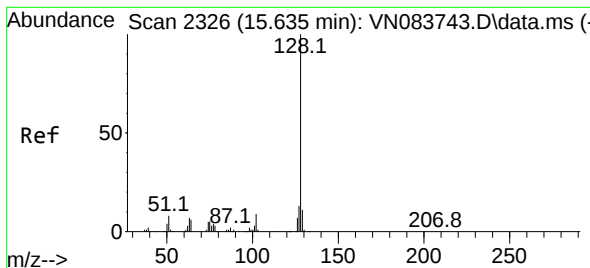
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.5

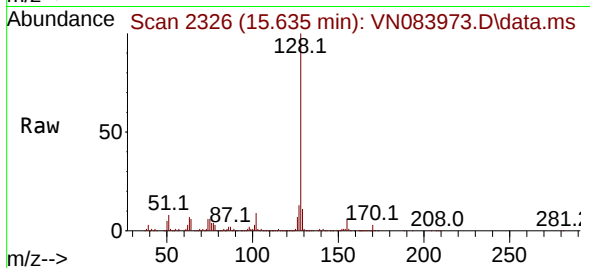
227 64.1 32.0 96.2





#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

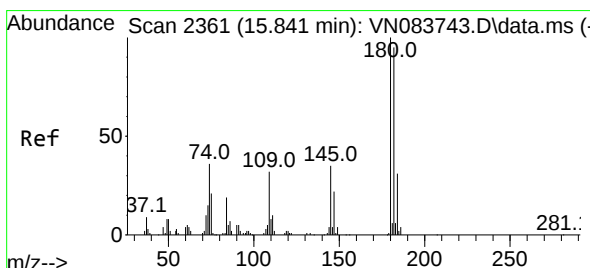
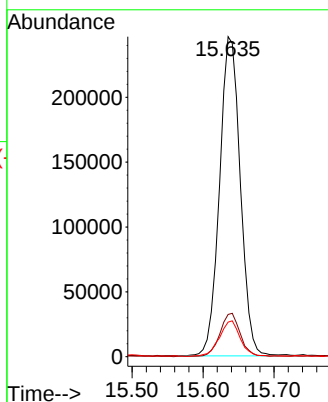
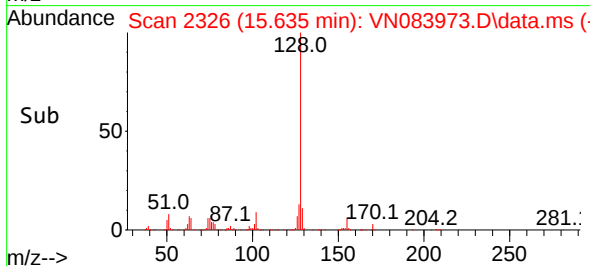
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



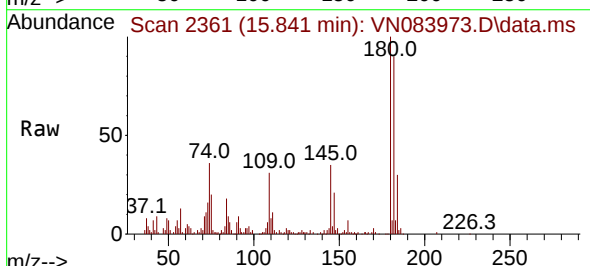
Tgt Ion:128 Resp: 499168
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#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

