

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083940.D
 Acq On : 17 Sep 2024 13:05
 Operator : JC\MD
 Sample : VN0917WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 01:46:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101861	47.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.780%		
35) Dibromofluoromethane	8.165	113	74670	47.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.900%		
50) Toluene-d8	10.565	98	267377	49.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.847	95	97706	43.527	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28437	17.360	ug/l	98
3) Chloromethane	2.359	50	29254	16.242	ug/l	100
4) Vinyl Chloride	2.518	62	30278	16.864	ug/l	95
5) Bromomethane	2.959	94	19603	19.016	ug/l	95
6) Chloroethane	3.124	64	19270	15.300	ug/l	100
7) Trichlorofluoromethane	3.500	101	53141	17.437	ug/l	98
8) Diethyl Ether	3.959	74	17613	17.240	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	29787	18.439	ug/l	99
10) Methyl Iodide	4.589	142	34304	16.697	ug/l #	87
11) Tert butyl alcohol	5.518	59	31683	111.247	ug/l	96
12) 1,1-Dichloroethene	4.342	96	27102	17.765	ug/l	98
13) Acrolein	4.183	56	23363	83.142	ug/l	99
14) Allyl chloride	5.024	41	43935	16.162	ug/l	90
15) Acrylonitrile	5.712	53	74729	96.485	ug/l	98
16) Acetone	4.436	43	77270	90.630	ug/l	92
17) Carbon Disulfide	4.712	76	67929	15.918	ug/l	98
18) Methyl Acetate	5.018	43	38326	20.479	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	100009	18.116	ug/l	97
20) Methylene Chloride	5.283	84	31094	17.822	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	27244	16.663	ug/l	93
22) Diisopropyl ether	6.671	45	103959	18.578	ug/l	97
23) Vinyl Acetate	6.600	43	387392	94.533	ug/l	98
24) 1,1-Dichloroethane	6.571	63	57644	17.880	ug/l	98
25) 2-Butanone	7.483	43	109522	97.736	ug/l	94
26) 2,2-Dichloropropane	7.488	77	52312	17.620	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	34618	17.837	ug/l	98
28) Bromochloromethane	7.818	49	28616	21.078	ug/l	95
29) Tetrahydrofuran	7.841	42	68274	103.040	ug/l	97
30) Chloroform	7.965	83	62417	18.237	ug/l	95
31) Cyclohexane	8.253	56	49374	16.063	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	56577	17.977	ug/l	95
36) 1,1-Dichloropropene	8.371	75	42132	17.786	ug/l	98
37) Ethyl Acetate	7.565	43	43848	20.393	ug/l	99
38) Carbon Tetrachloride	8.365	117	49040	18.248	ug/l	97
39) Methylcyclohexane	9.600	83	42837	15.888	ug/l	99
40) Benzene	8.606	78	127264	17.850	ug/l	99

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Quant Time: Sep 18 01:46:52 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)
41) Methacrylonitrile	7.777	41	24163	19.000	ug/l	99
42) 1,2-Dichloroethane	8.671	62	49674	18.645	ug/l	100
43) Isopropyl Acetate	8.688	43	87692	22.506	ug/l	95
44) Trichloroethene	9.347	130	30205	18.294	ug/l	98
45) 1,2-Dichloropropane	9.624	63	31086	18.039	ug/l	97
46) Dibromomethane	9.712	93	21791	18.054	ug/l	98
47) Bromodichloromethane	9.888	83	50347	19.274	ug/l	97
48) Methyl methacrylate	9.682	41	36271	19.621	ug/l	97
49) 1,4-Dioxane	9.688	88	12420	408.411	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	221645	104.500	ug/l	96
52) Toluene	10.629	92	79041	18.124	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	49294	18.617	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	51721	18.596	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	30114	18.496	ug/l	97
56) Ethyl methacrylate	10.876	69	48836	19.496	ug/l	97
57) 1,3-Dichloropropane	11.159	76	51687	18.471	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	90789	100.588	ug/l	98
59) 2-Hexanone	11.194	43	166251	105.963	ug/l	96
60) Dibromochloromethane	11.359	129	34337	18.845	ug/l	100
61) 1,2-Dibromoethane	11.465	107	30120	18.550	ug/l	99
64) Tetrachloroethene	11.106	164	23653	16.625	ug/l	99
65) Chlorobenzene	11.888	112	83608	17.583	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	29784	18.068	ug/l	98
67) Ethyl Benzene	11.965	91	149287	17.674	ug/l	98
68) m/p-Xylenes	12.070	106	110833	35.342	ug/l	100
69) o-Xylene	12.400	106	53195	17.522	ug/l	97
70) Styrene	12.412	104	89576	17.979	ug/l	99
71) Bromoform	12.576	173	21556	19.406	ug/l #	96
73) Isopropylbenzene	12.694	105	139208	18.159	ug/l	100
74) N-amyl acetate	12.494	43	65253	19.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	44122	19.589	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42749m	21.381	ug/l	
77) Bromobenzene	12.982	156	32062	17.375	ug/l	95
78) n-propylbenzene	13.035	91	162221	18.187	ug/l	100
79) 2-Chlorotoluene	13.123	91	101640	17.868	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	117105	18.119	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	14025	18.372	ug/l	90
82) 4-Chlorotoluene	13.217	91	101469	17.775	ug/l	98
83) tert-Butylbenzene	13.435	119	102504	18.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	117910	18.161	ug/l	99
85) sec-Butylbenzene	13.617	105	137624	18.352	ug/l	99
86) p-Isopropyltoluene	13.729	119	113002	17.976	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	59717	17.147	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	60666	17.204	ug/l	98
89) n-Butylbenzene	14.053	91	95556	16.930	ug/l	98
90) Hexachloroethane	14.329	117	21640	17.125	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	59212	17.617	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8932	19.893	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	27776	15.400	ug/l	98
94) Hexachlorobutadiene	15.494	225	13125	17.136	ug/l	93
95) Naphthalene	15.641	128	89734	16.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27465	15.934	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 18 01:46:52 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

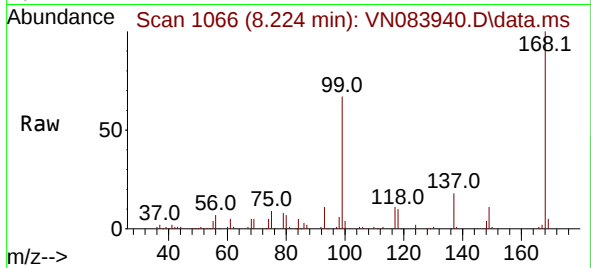
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

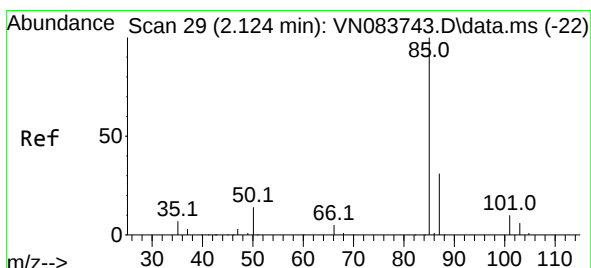
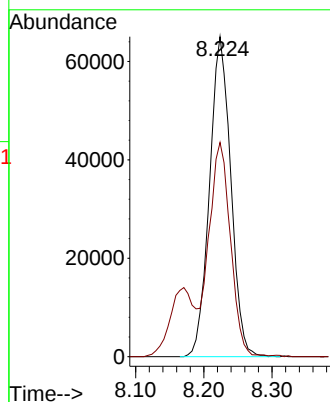
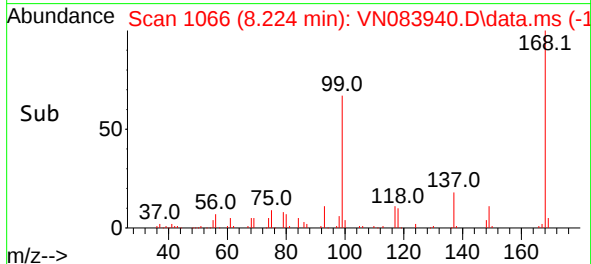
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



Tgt Ion:168 Resp: 141048
Ion Ratio Lower Upper
168 100
99 66.6 54.2 81.2

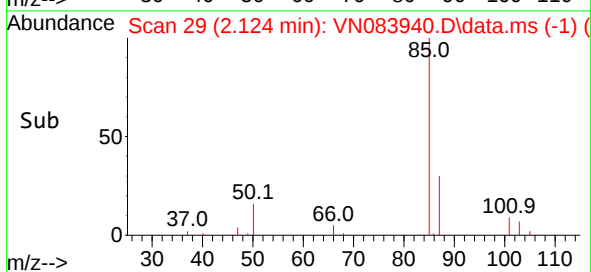
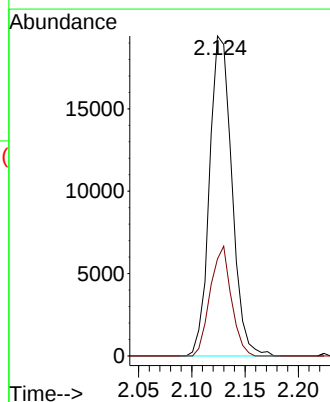
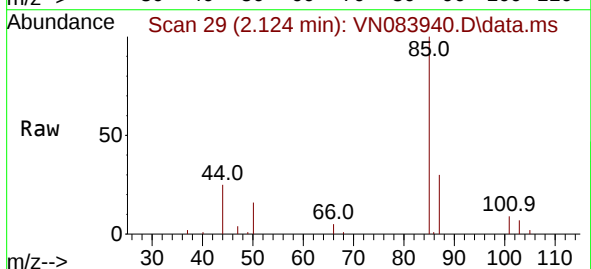
Manual Integrations
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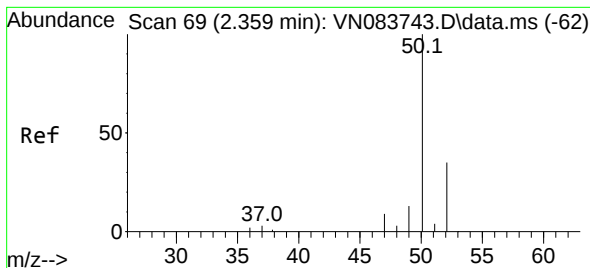
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#2
Dichlorodifluoromethane
Concen: 17.360 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 85 Resp: 28437
Ion Ratio Lower Upper
85 100
87 30.3 15.7 47.0





#3

Chloromethane

Concen: 16.242 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

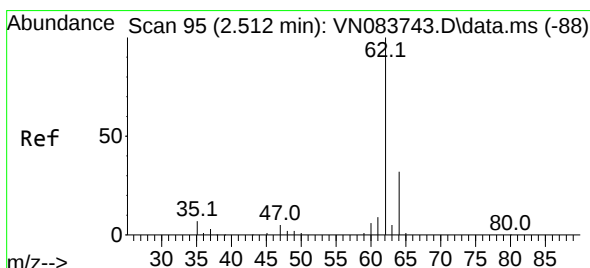
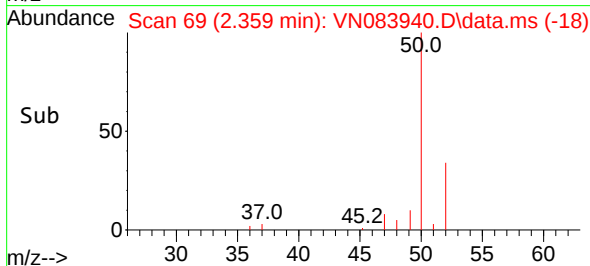
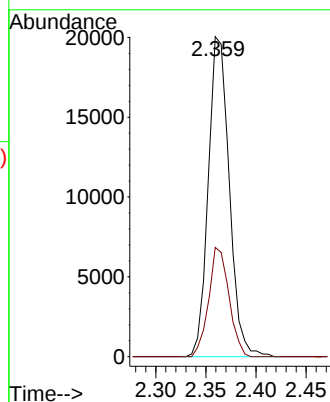
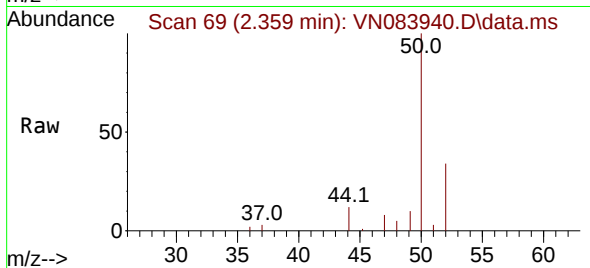
VN0917WBSD01

Tgt Ion: 50 Resp: 29254
 Ion Ratio Lower Upper
 50 100
 52 34.1 27.2 40.8

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#4

Vinyl Chloride

Concen: 16.864 ug/l

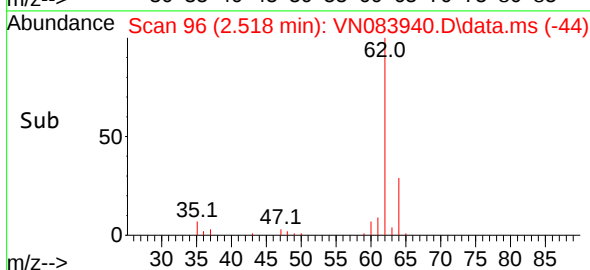
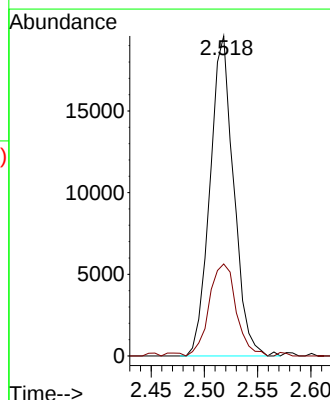
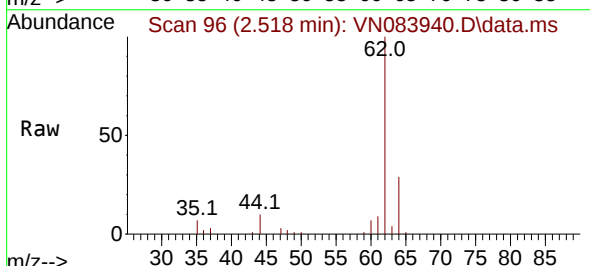
RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion: 62 Resp: 30278
 Ion Ratio Lower Upper
 62 100
 64 27.9 24.7 37.1





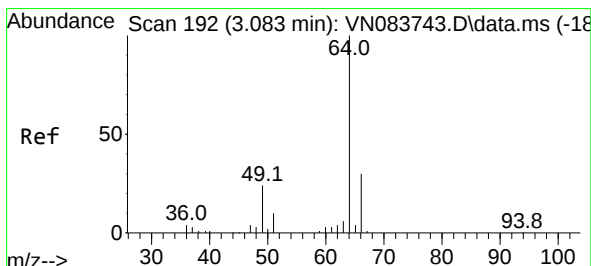
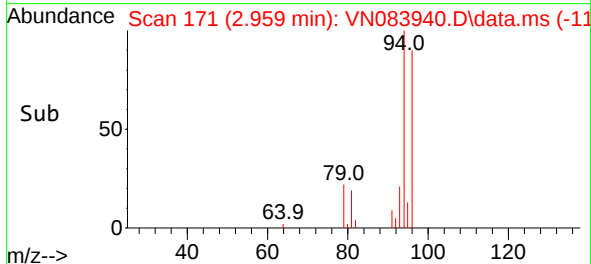
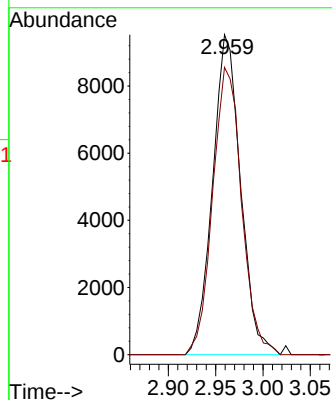
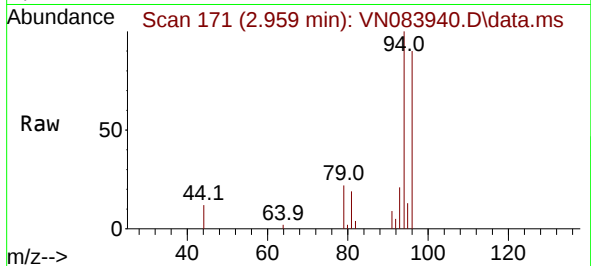
#5
Bromomethane
Concen: 19.016 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
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ClientSampleId :
VN0917WBSD01

Tgt Ion: 94 Resp: 1960
Ion Ratio Lower Upper
94 100
96 89.8 76.0 114.0

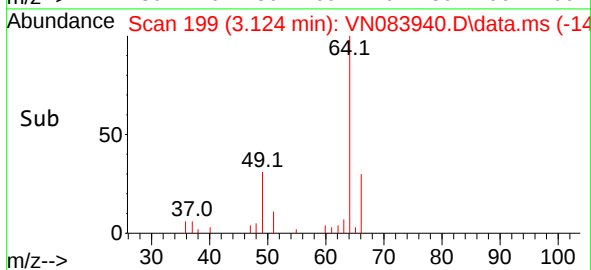
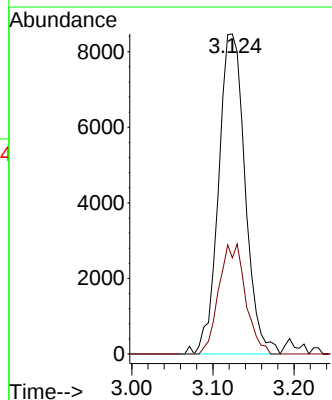
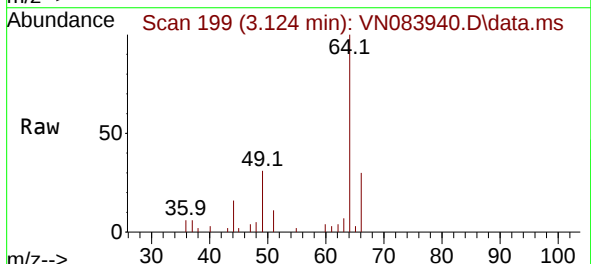
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#6
Chloroethane
Concen: 15.300 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 64 Resp: 19270
Ion Ratio Lower Upper
64 100
66 30.0 23.9 35.9





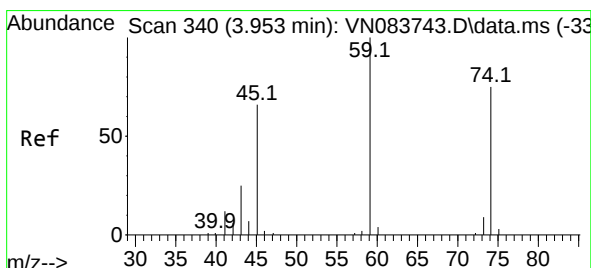
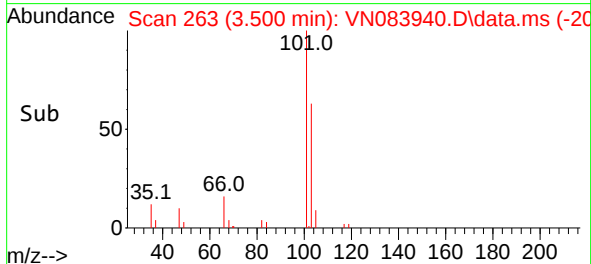
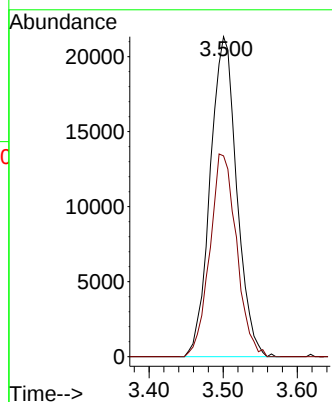
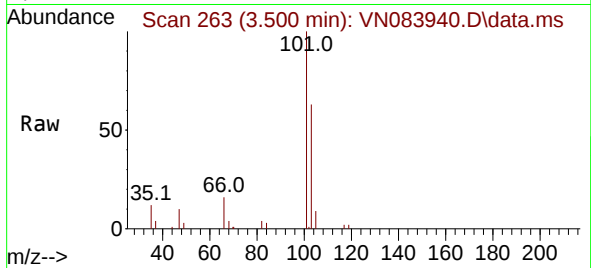
#7
Trichlorofluoromethane
Concen: 17.437 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion:101 Resp: 5314
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.0

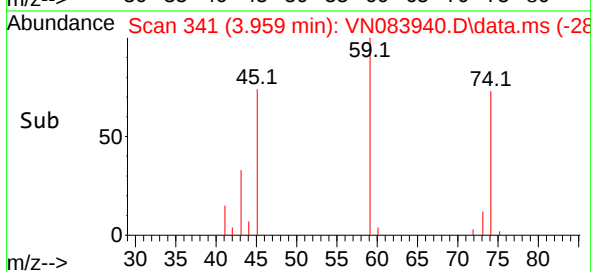
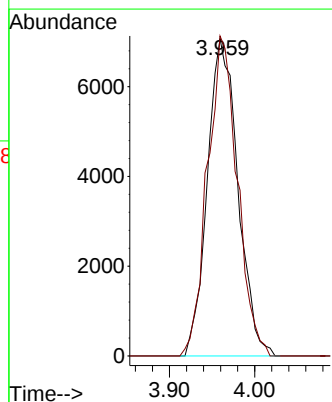
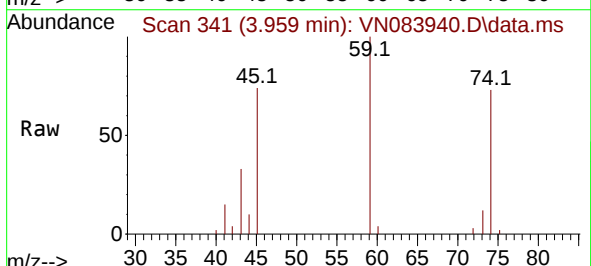
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#8
Diethyl Ether
Concen: 17.240 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 74 Resp: 17613
Ion Ratio Lower Upper
74 100
45 98.6 46.7 140.1





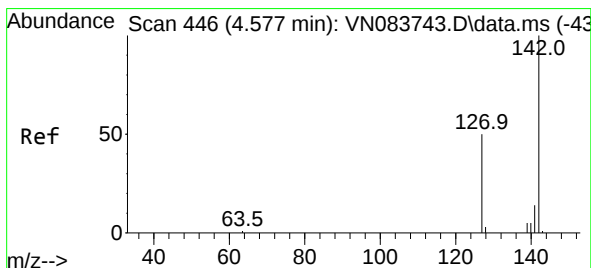
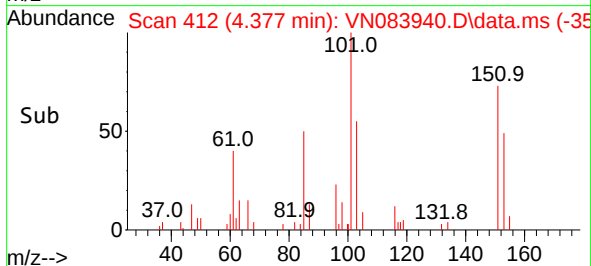
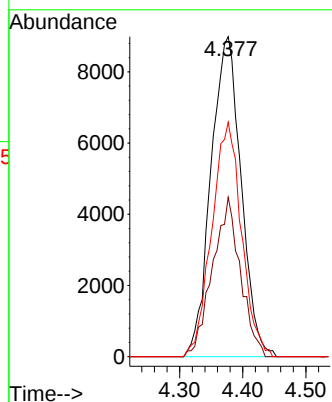
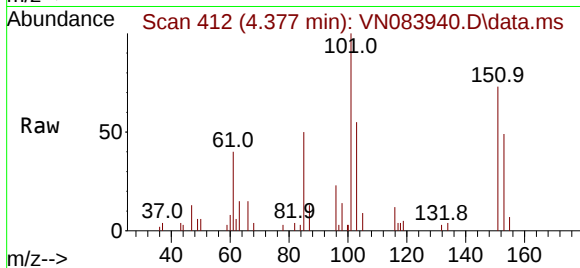
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.439 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion:101 Resp: 2978
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 72.3 57.7 86.5

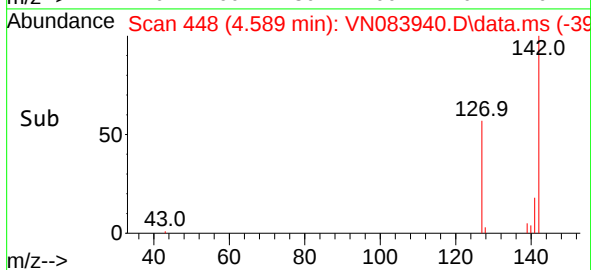
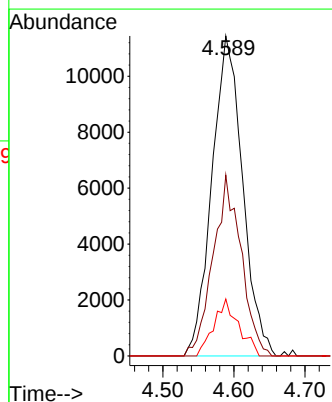
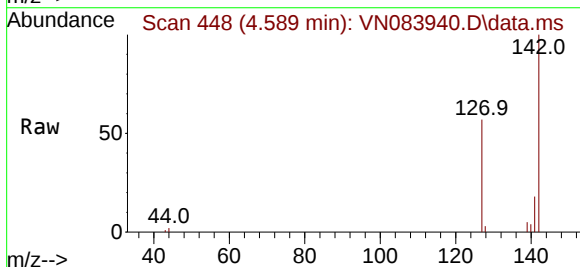
Manual Integrations
APPROVED

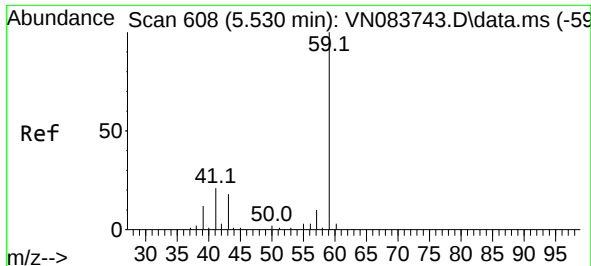
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#10
Methyl Iodide
Concen: 16.697 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion:142 Resp: 34304
Ion Ratio Lower Upper
142 100
127 56.5 37.5 56.3#
141 17.8 11.0 16.4#





#11
Tert butyl alcohol
Concen: 111.247 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

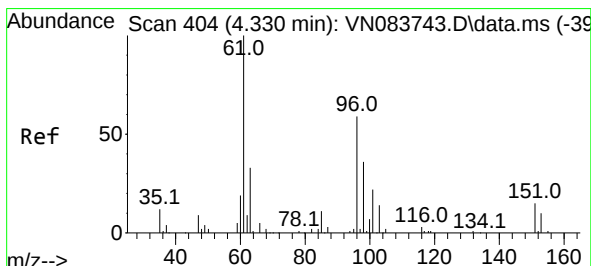
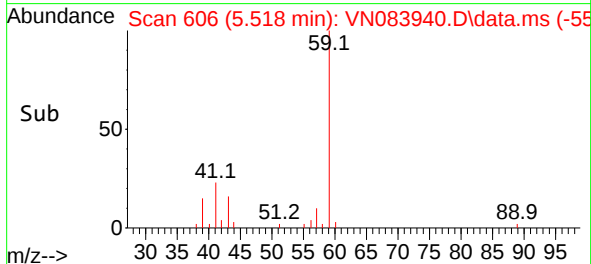
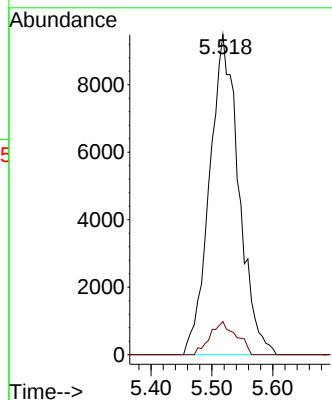
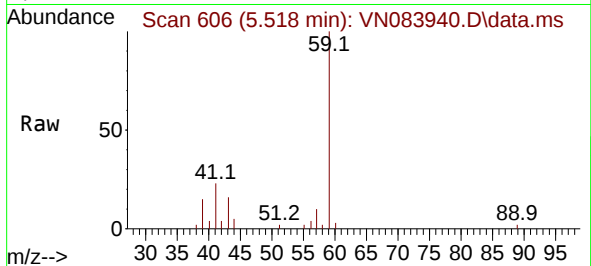
VN0917WBSD01

Tgt Ion: 59 Resp: 3168
Ion Ratio Lower Upper
59 100
57 9.2 8.7 13.1

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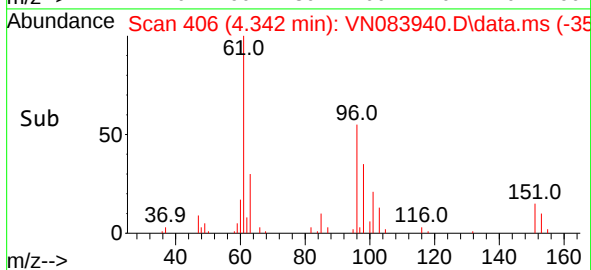
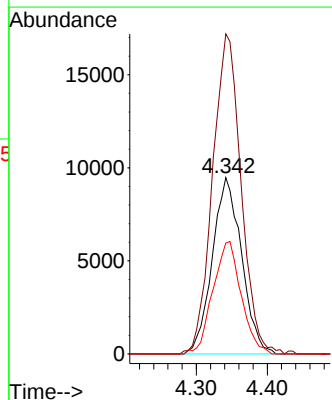
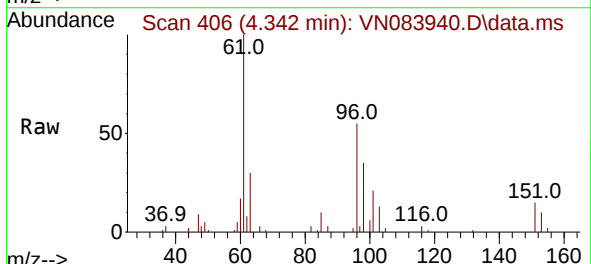
APPROVED

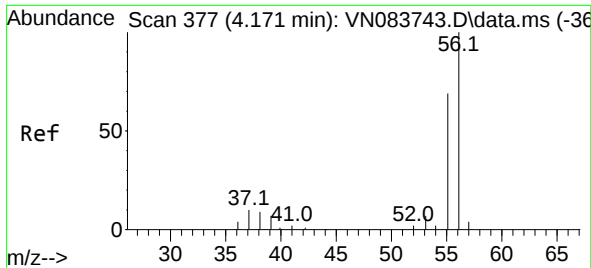
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#12
1,1-Dichloroethene
Concen: 17.765 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 96 Resp: 27102
Ion Ratio Lower Upper
96 100
61 181.5 143.4 215.0
98 62.9 52.7 79.1





#13

Acrolein

Concen: 83.142 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 56 Resp: 2336

Ion Ratio Lower Upper

56 100

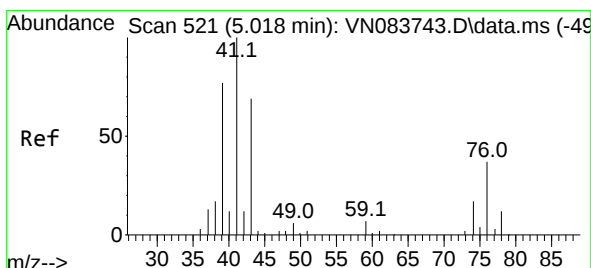
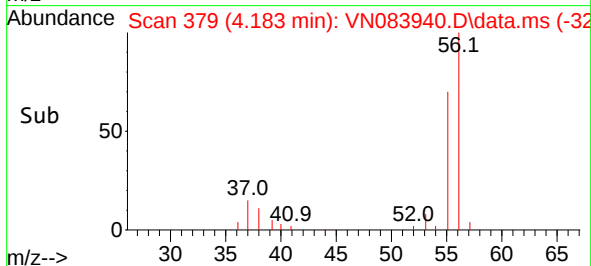
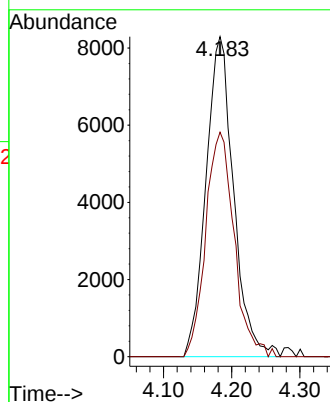
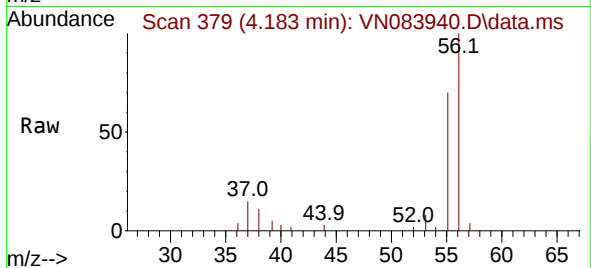
55 72.1 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#14

Allyl chloride

Concen: 16.162 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

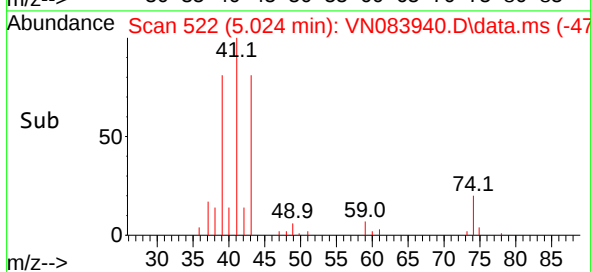
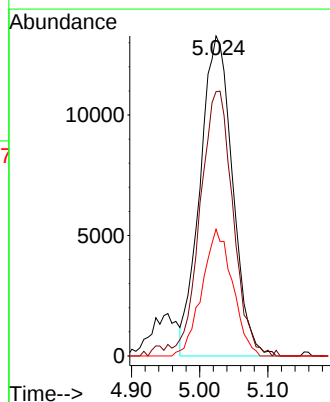
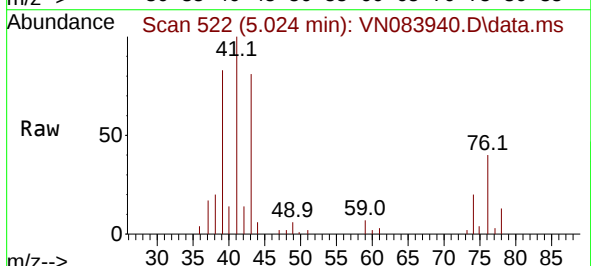
Tgt Ion: 41 Resp: 43935

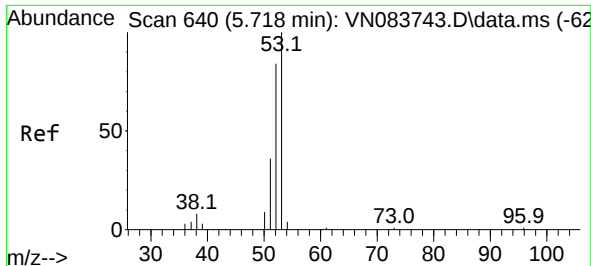
Ion Ratio Lower Upper

41 100

39 84.3 59.3 88.9

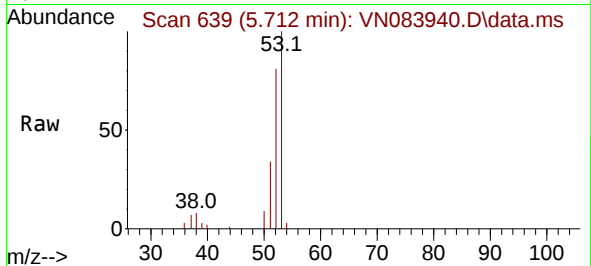
76 37.4 27.7 41.5





#15
Acrylonitrile
Concen: 96.485 ug/l
RT: 5.712 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

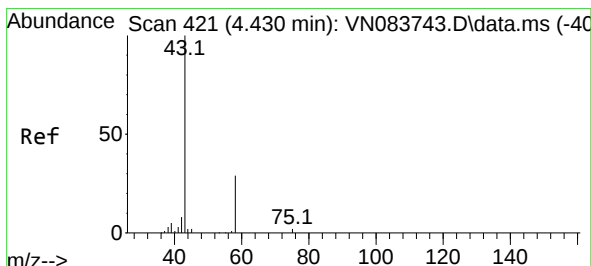
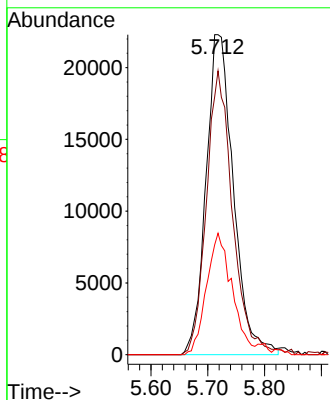
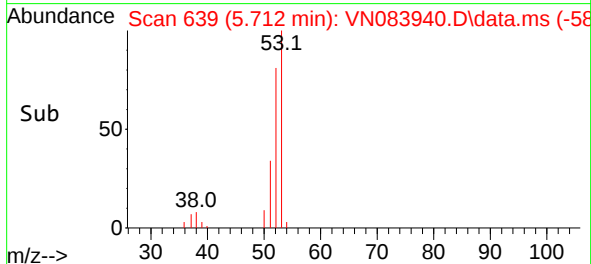
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



Tgt Ion: 53 Resp: 74729
Ion Ratio Lower Upper
53 100
52 84.5 66.1 99.1
51 35.4 29.6 44.4

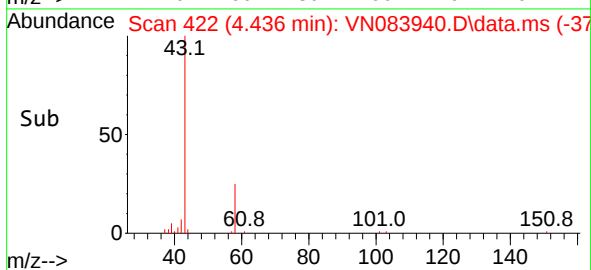
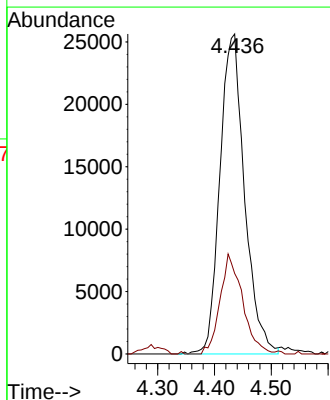
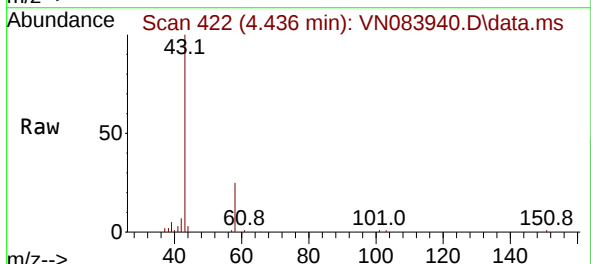
Manual Integrations
APPROVED

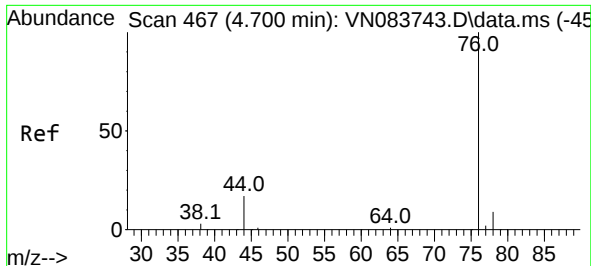
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#16
Acetone
Concen: 90.630 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

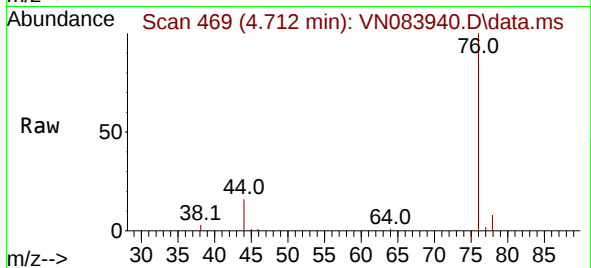
Tgt Ion: 43 Resp: 77270
Ion Ratio Lower Upper
43 100
58 25.2 23.7 35.5





#17
Carbon Disulfide
Concen: 15.918 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

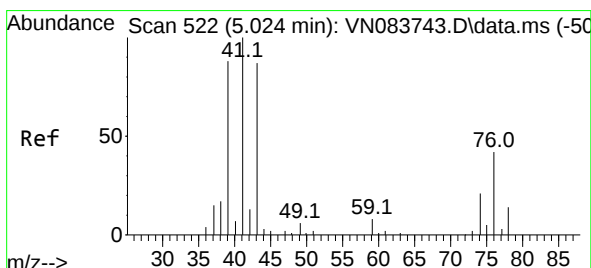
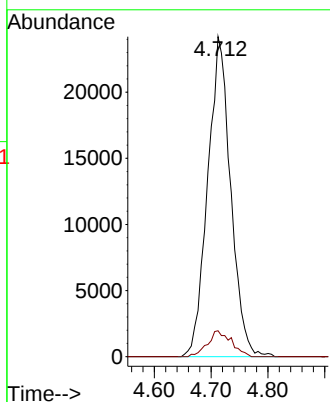
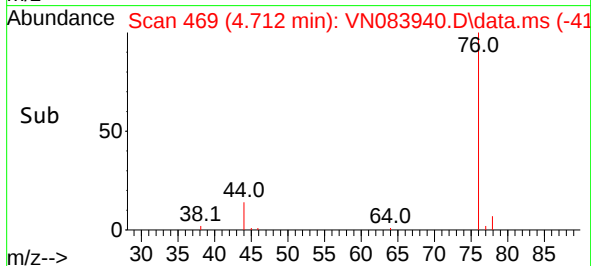
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



Tgt Ion: 76 Resp: 67929
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

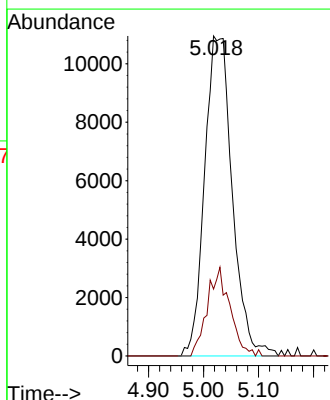
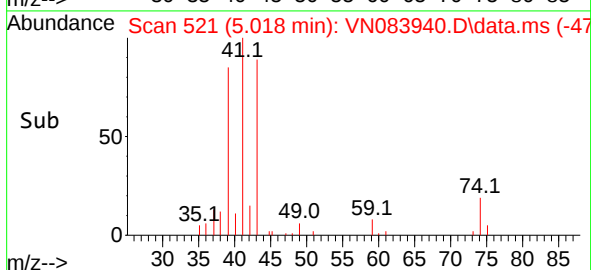
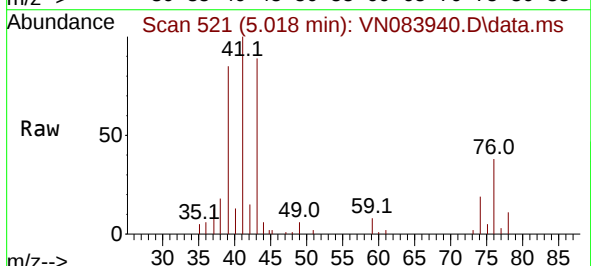
Manual Integrations
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Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#18
Methyl Acetate
Concen: 20.479 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 43 Resp: 38326
Ion Ratio Lower Upper
43 100
74 22.8 19.0 28.4





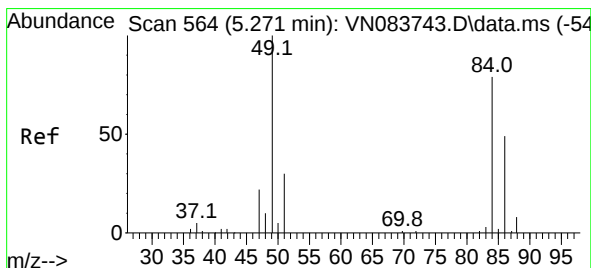
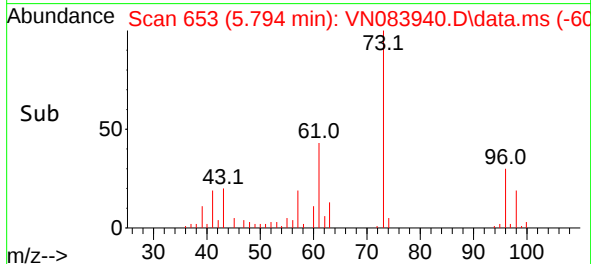
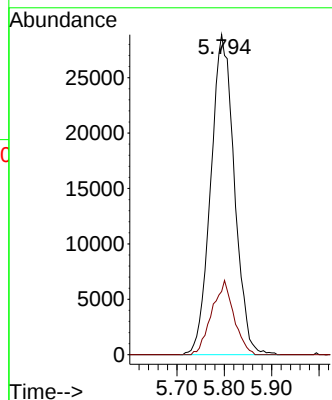
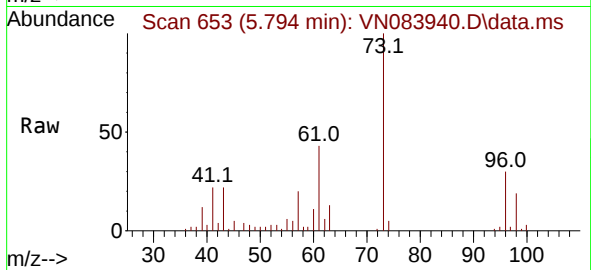
#19
Methyl tert-butyl Ether
Concen: 18.116 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion: 73 Resp: 10000
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.6

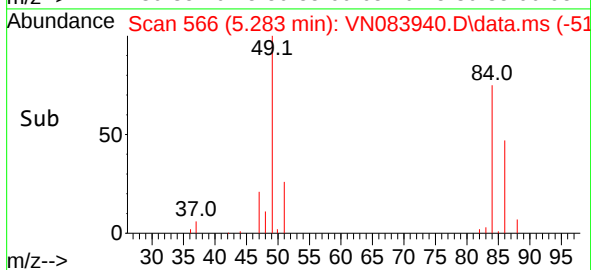
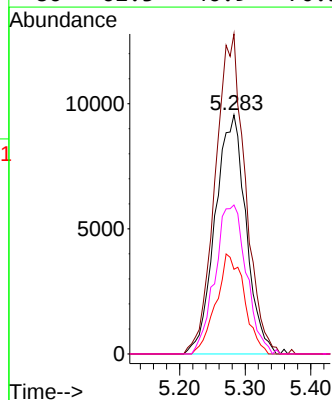
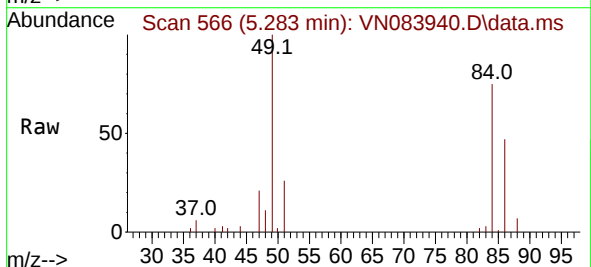
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 17.822 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 84 Resp: 31094
Ion Ratio Lower Upper
84 100
49 133.9 93.4 140.0
51 35.4 29.2 43.8
86 62.3 46.9 70.3





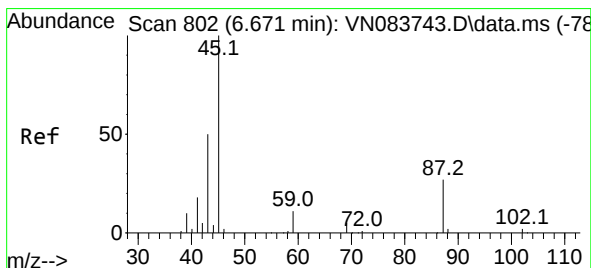
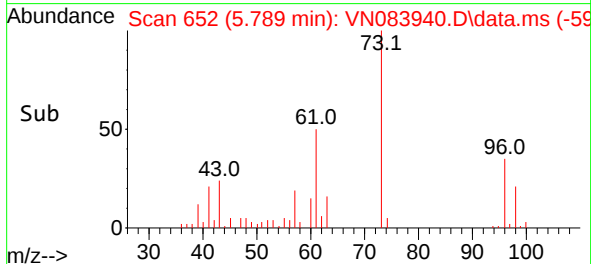
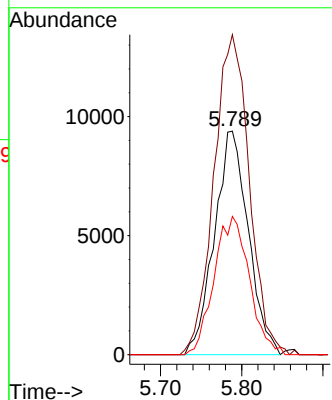
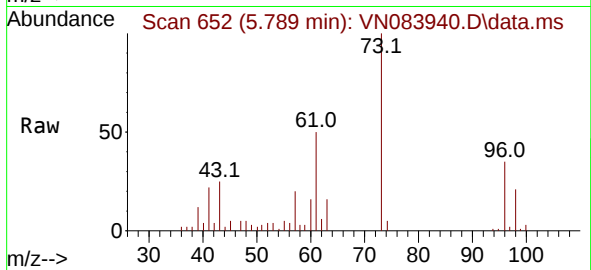
#21
trans-1,2-Dichloroethene
Concen: 16.663 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion: 96 Resp: 2724
Ion Ratio Lower Upper
96 100
61 143.1 106.0 159.0
98 61.8 52.2 78.2

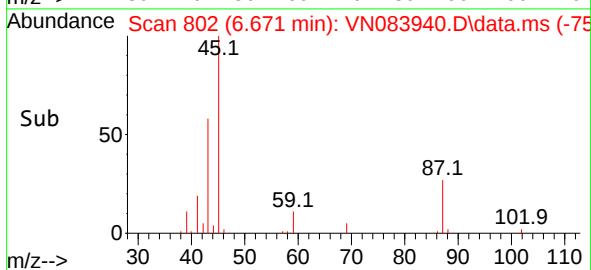
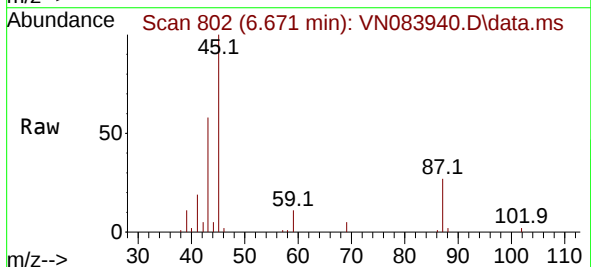
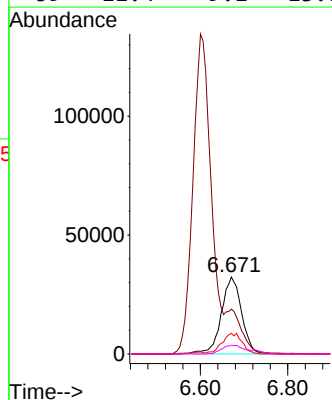
Manual Integrations
APPROVED

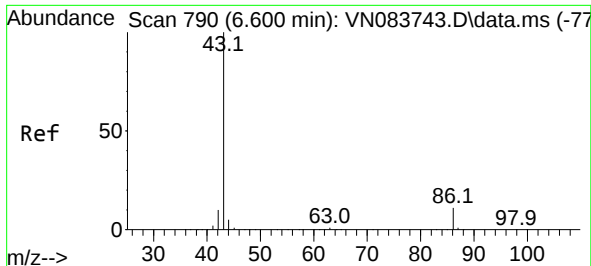
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#22
Diisopropyl ether
Concen: 18.578 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

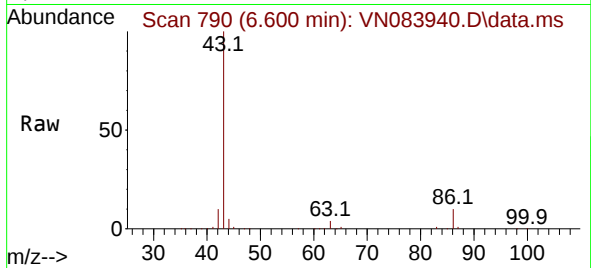
Tgt Ion: 45 Resp: 103959
Ion Ratio Lower Upper
45 100
43 57.0 43.4 65.0
87 26.9 22.6 33.8
59 11.4 9.1 13.7





#23
 Vinyl Acetate
 Concen: 94.533 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

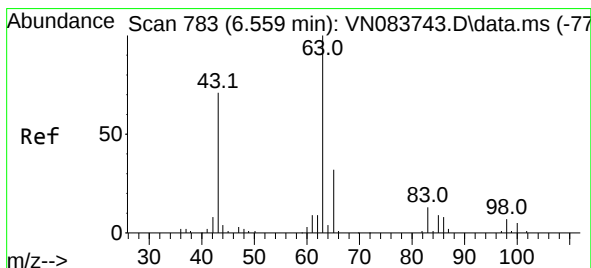
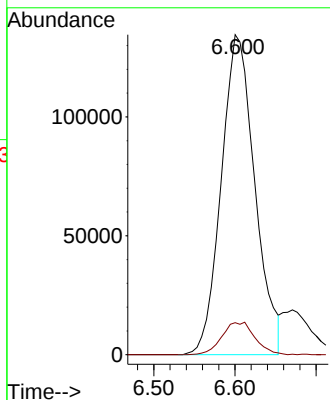
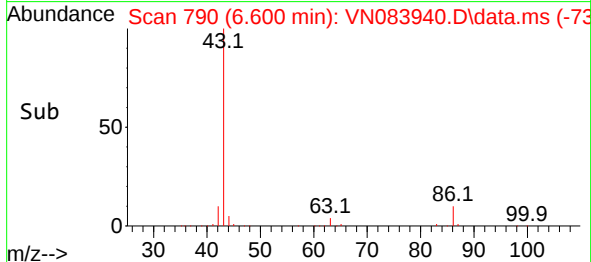
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01



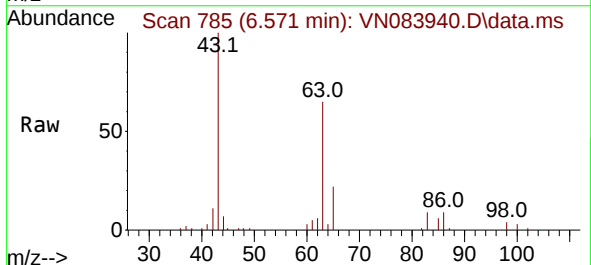
Tgt Ion: 43 Resp: 387392
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.7 13.1

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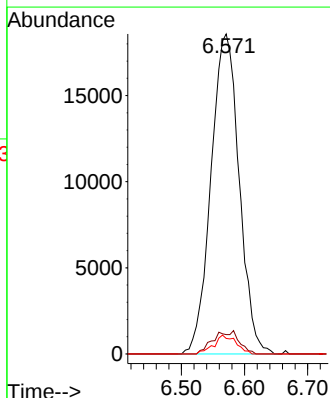
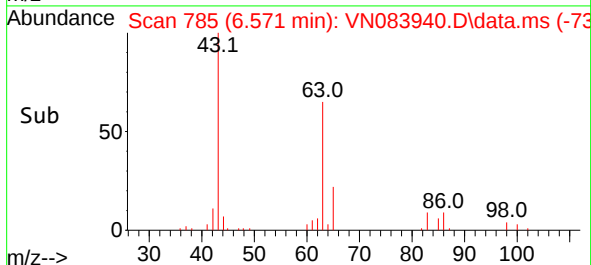
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

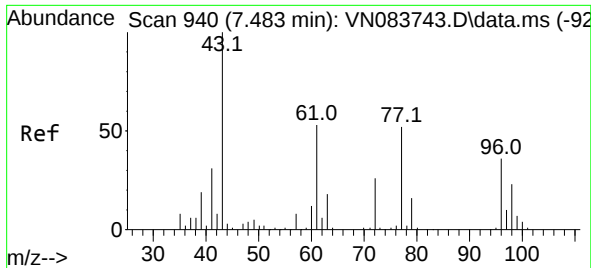


#24
 1,1-Dichloroethane
 Concen: 17.880 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05



Tgt Ion: 63 Resp: 57644
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 4.8 2.5 7.5





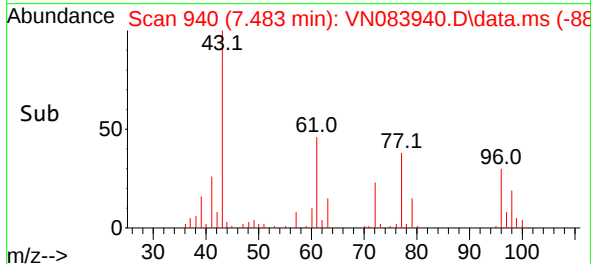
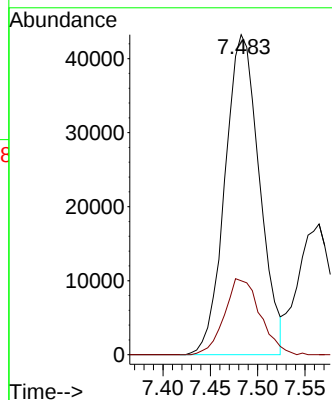
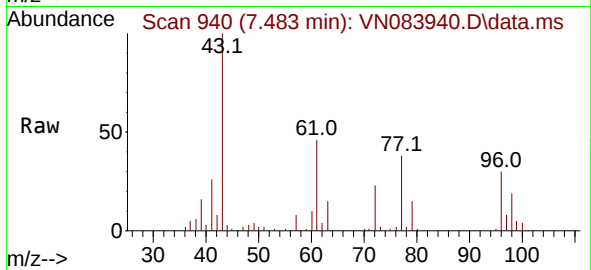
#25
2-Butanone
Concen: 97.736 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion: 43 Resp: 10952
Ion Ratio Lower Upper
43 100
72 23.1 20.8 31.2

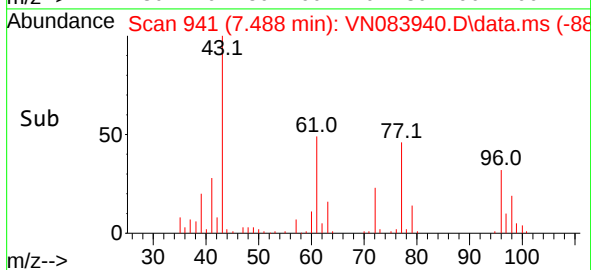
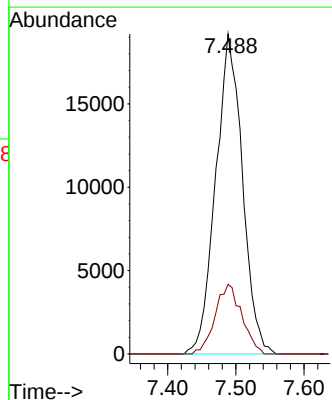
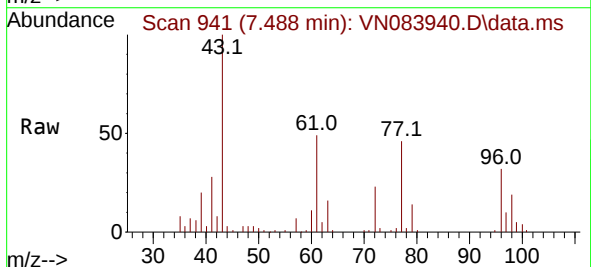
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 17.620 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

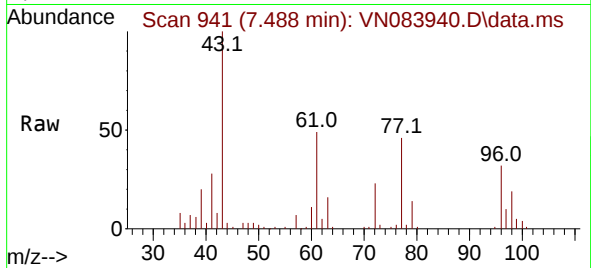
Tgt Ion: 77 Resp: 52312
Ion Ratio Lower Upper
77 100
97 21.7 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 17.837 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

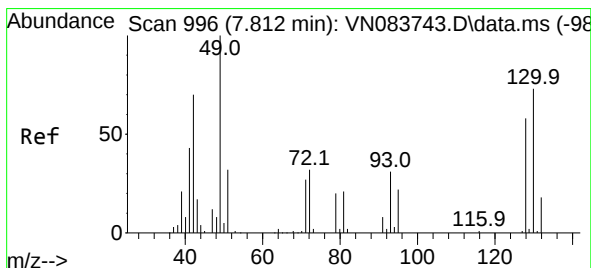
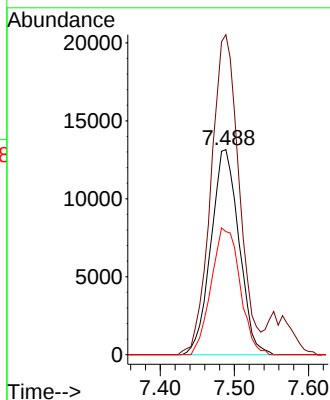
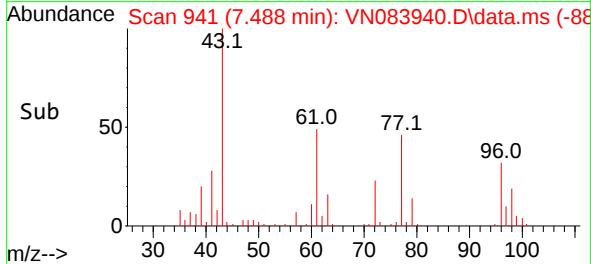
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01



Tgt Ion: 96 Resp: 34618
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 306.2
 98 63.4 0.0 128.6

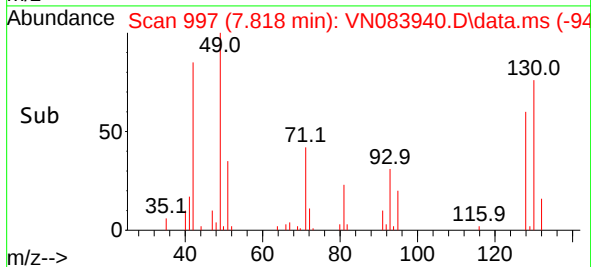
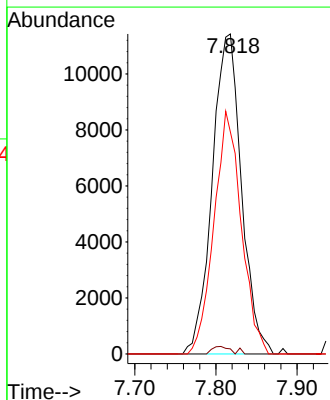
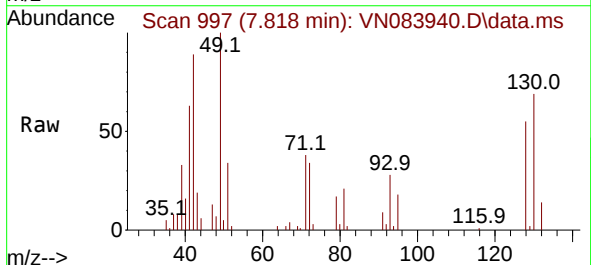
Manual Integrations
 APPROVED

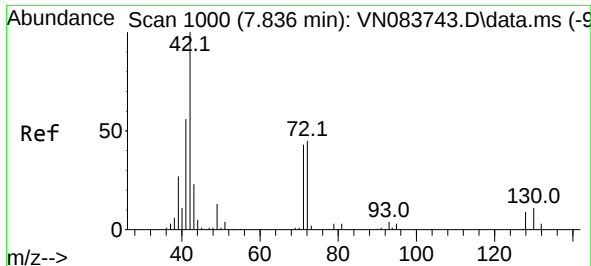
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#28
 Bromochloromethane
 Concen: 21.078 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

Tgt Ion: 49 Resp: 28616
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 70.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 103.040 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

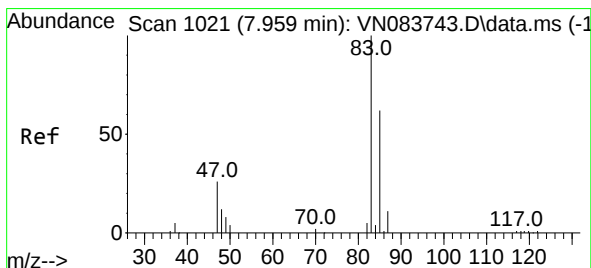
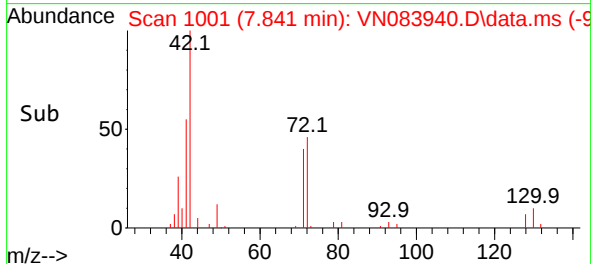
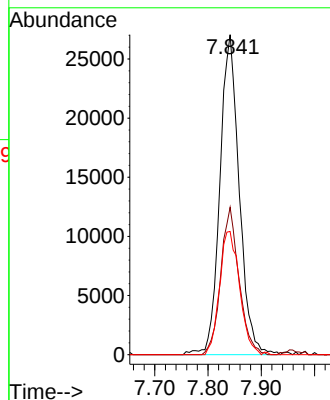
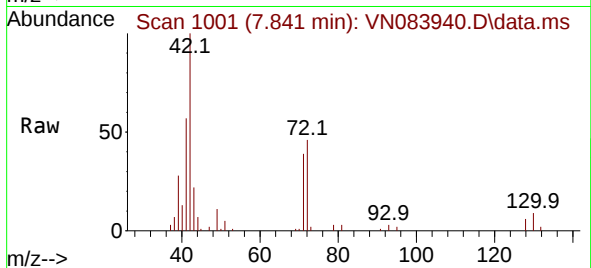
Tgt Ion:	42	Resp:	68274
Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.9	53.9
71	39.8	33.9	50.9

Manual Integrations

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Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#30

Chloroform

Concen: 18.237 ug/l

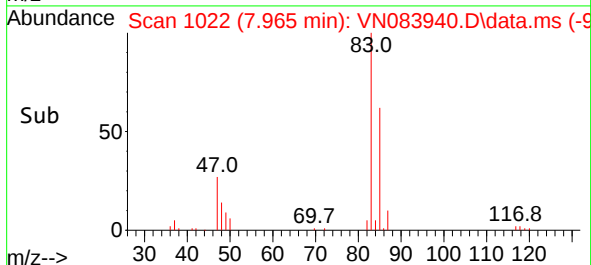
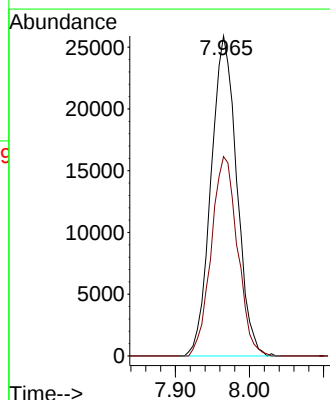
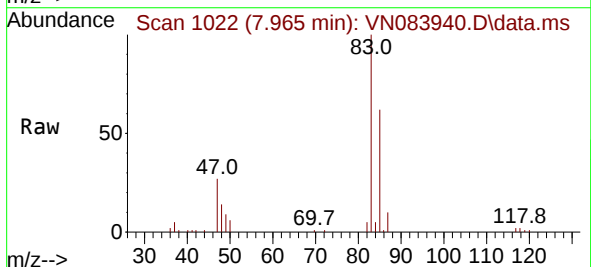
RT: 7.965 min Scan# 1022

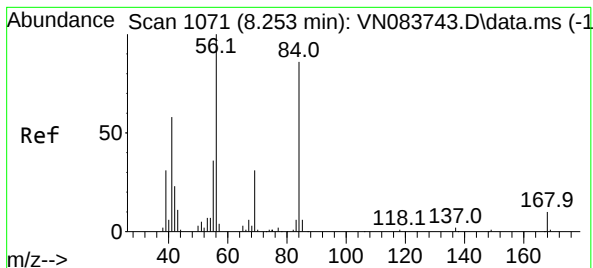
Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion:	83	Resp:	62417
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.8	79.2





#31

Cyclohexane

Concen: 16.063 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 56 Resp: 49374

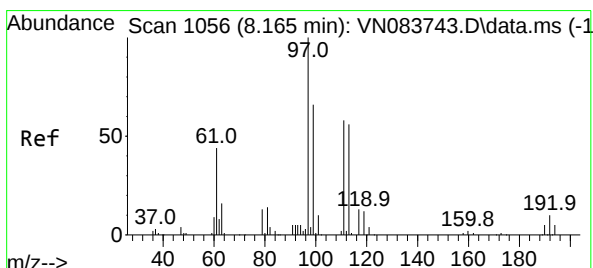
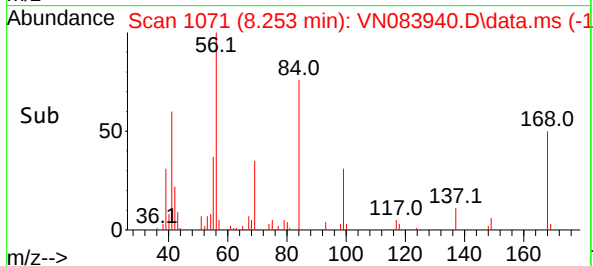
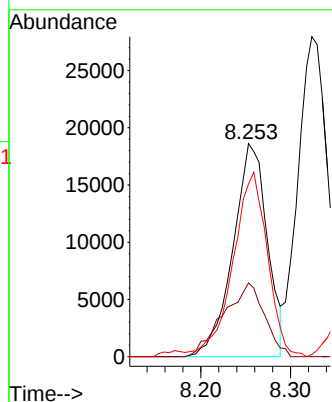
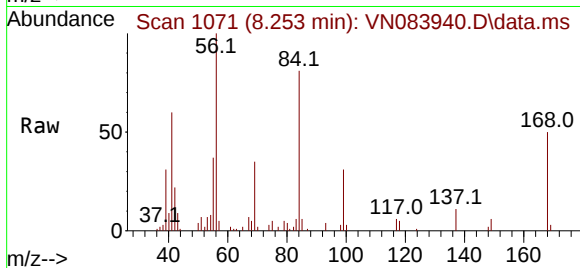
Ion	Ratio	Lower	Upper
56	100		
69	34.6	26.9	40.3
84	78.6	69.2	103.8

Manual Integrations

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Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#32

1,1,1-Trichloroethane

Concen: 17.977 ug/l

RT: 8.165 min Scan# 1056

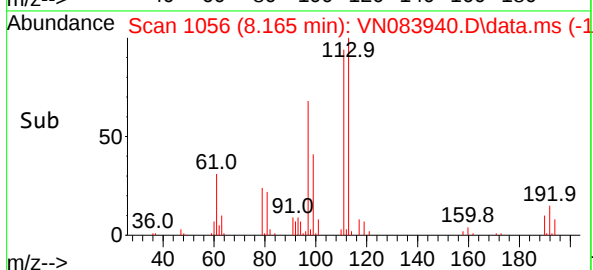
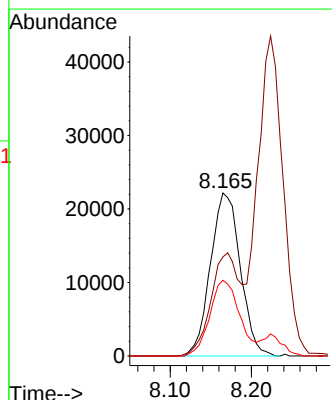
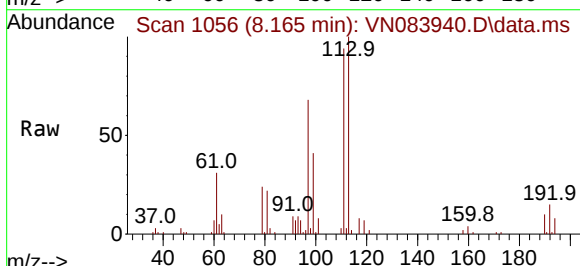
Delta R.T. -0.000 min

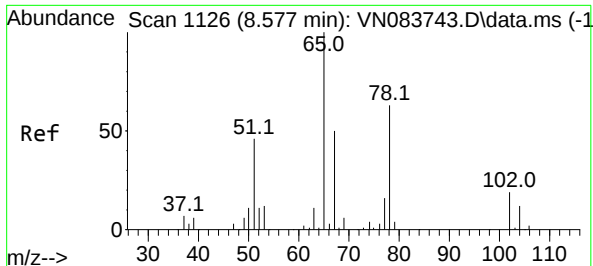
Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion: 97 Resp: 56577

Ion	Ratio	Lower	Upper
97	100		
99	59.8	52.3	78.5
61	46.5	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 47.894 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 65 Resp: 10186

Ion Ratio Lower Upper

65 100

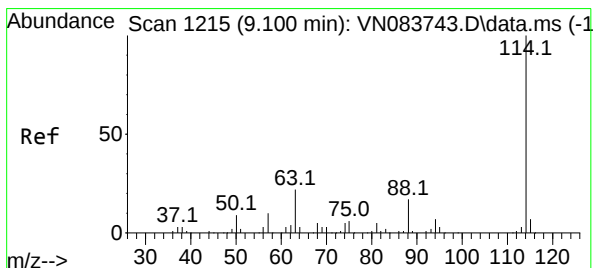
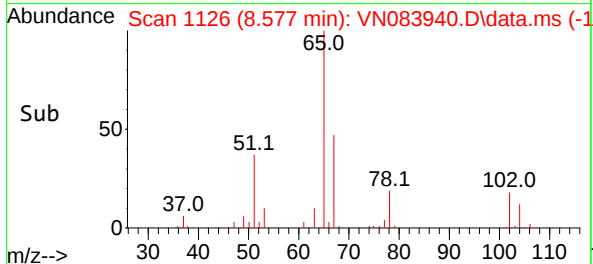
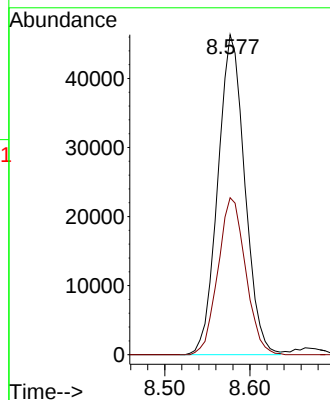
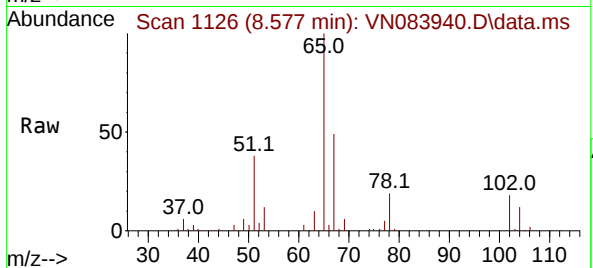
67 50.2 0.0 100.8

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: VN083940.D

Acq: 17 Sep 2024 13:05

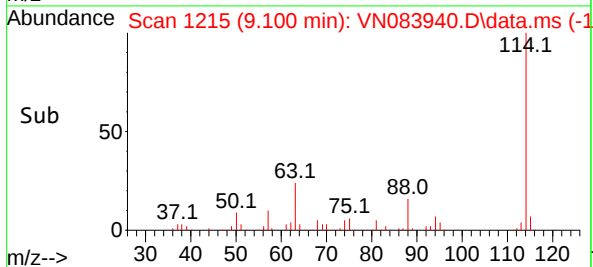
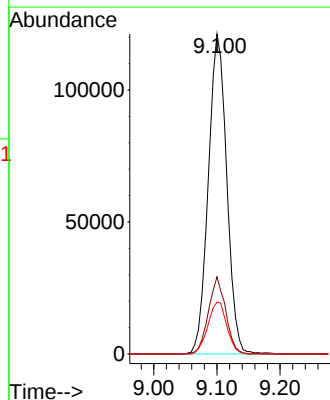
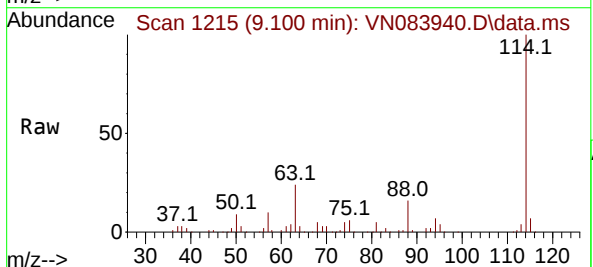
Tgt Ion:114 Resp: 245834

Ion Ratio Lower Upper

114 100

63 24.1 0.0 43.4

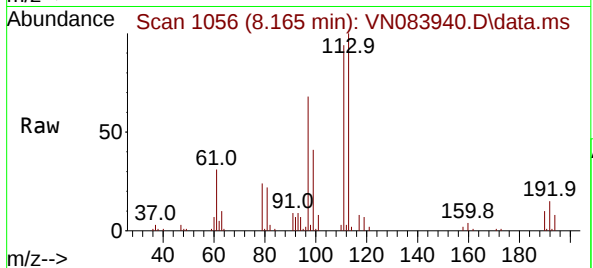
88 16.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.446 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

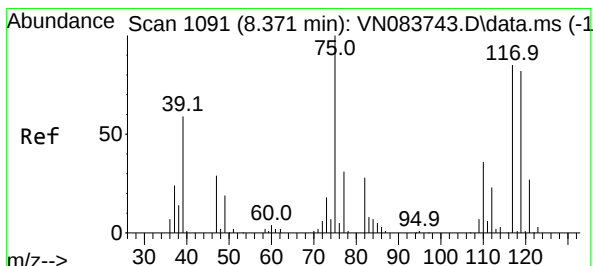
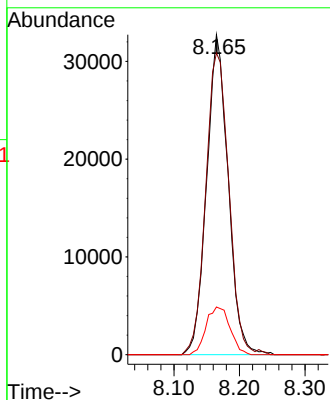
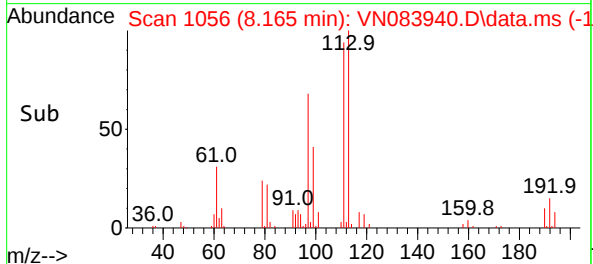
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



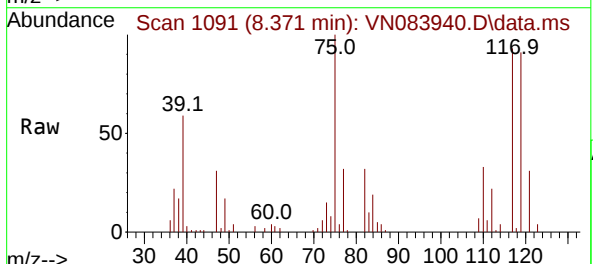
Tgt Ion: 113 Resp: 74670
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 16.5 14.3 21.5

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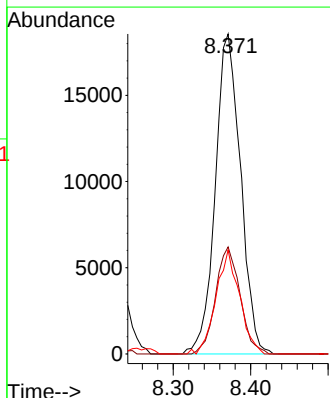
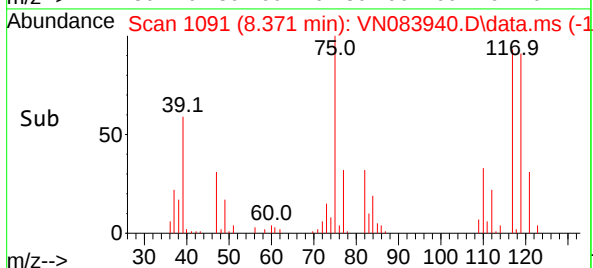
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

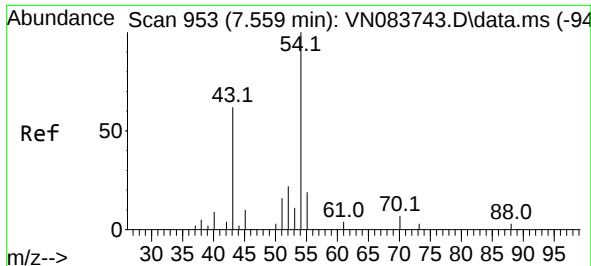


#36
1,1-Dichloropropene
Concen: 17.786 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



Tgt Ion: 75 Resp: 42132
Ion Ratio Lower Upper
75 100
110 32.4 16.7 50.1
77 30.3 25.2 37.8





#37

Ethyl Acetate

Concen: 20.393 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

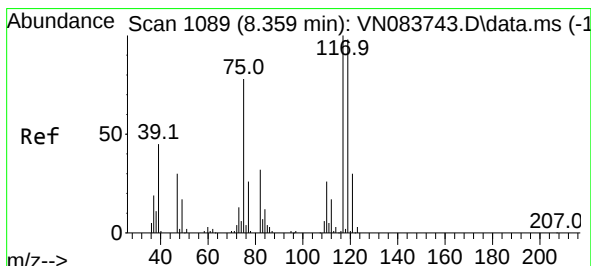
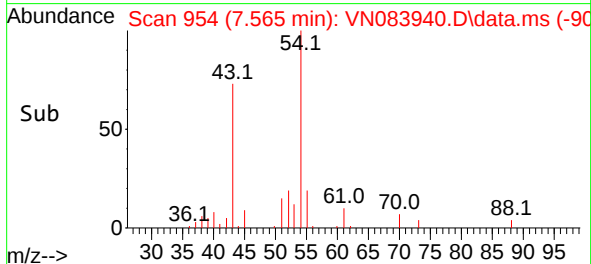
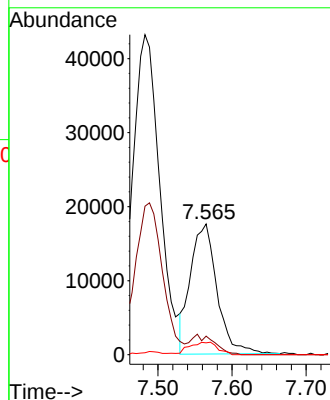
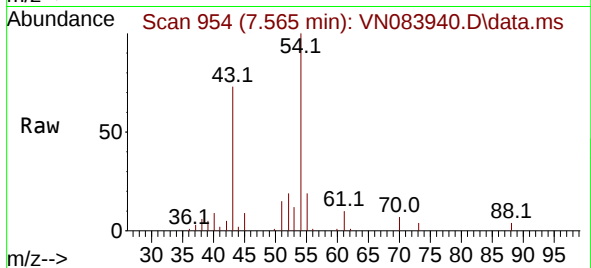
Tgt Ion: 43	Resp: 4384
Ion Ratio	Lower Upper
43 100	
61 13.9	11.1 16.7
70 10.2	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#38

Carbon Tetrachloride

Concen: 18.248 ug/l

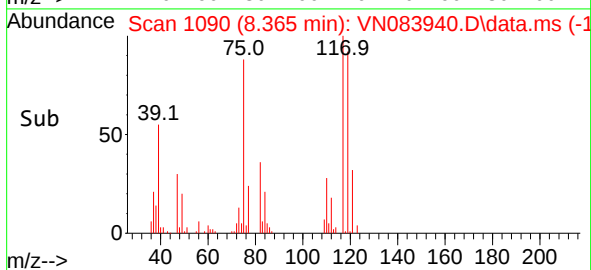
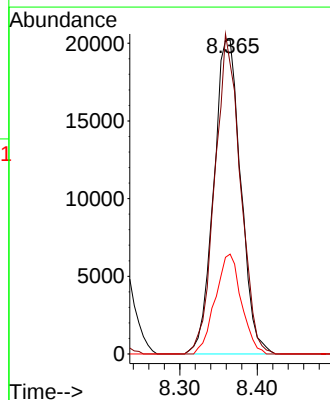
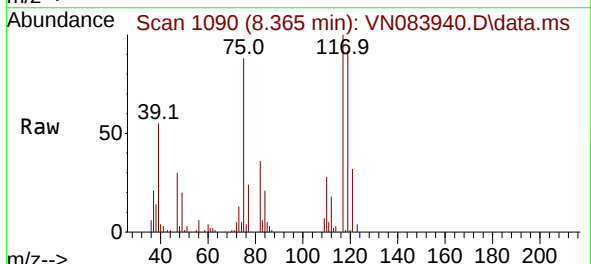
RT: 8.365 min Scan# 1090

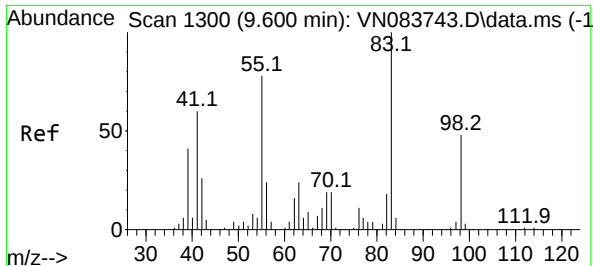
Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion: 117	Resp: 49040
Ion Ratio	Lower Upper
117 100	
119 92.4	76.1 114.1
121 31.8	24.1 36.1





#39

Methylcyclohexane

Concen: 15.888 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 83 Resp: 4283

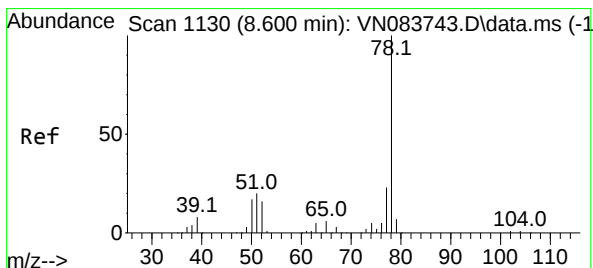
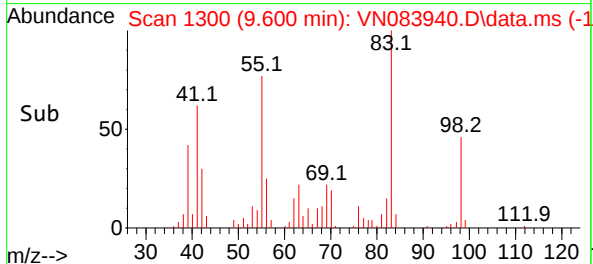
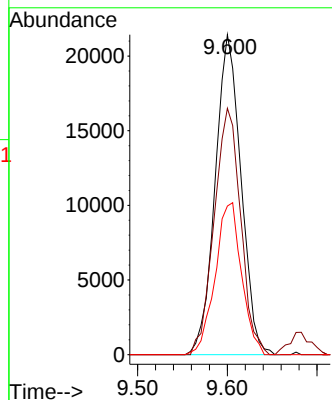
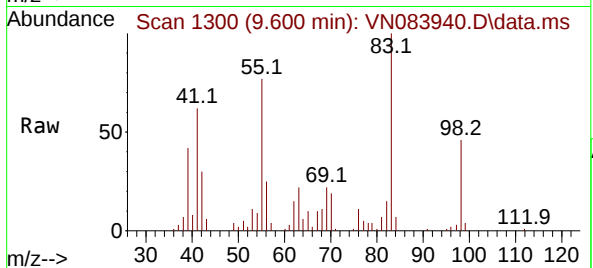
Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.2	93.4
98	46.4	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 17.850 ug/l

RT: 8.606 min Scan# 1131

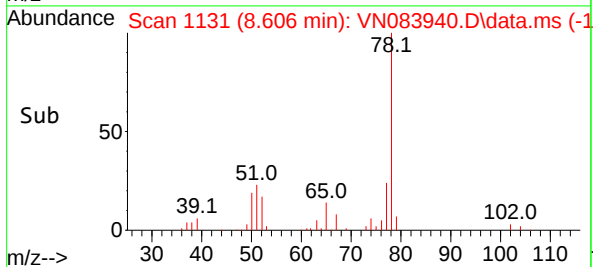
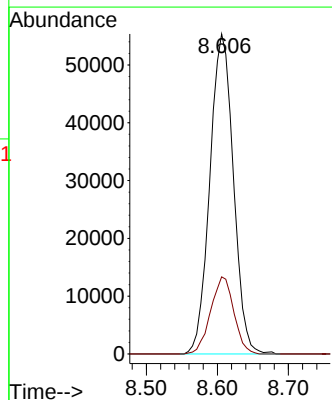
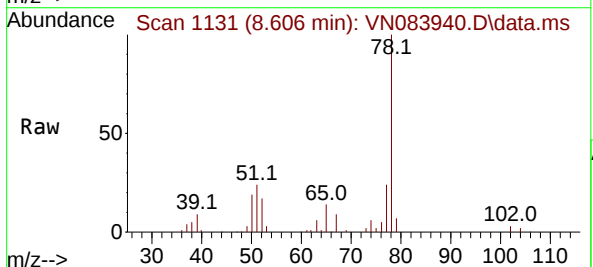
Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion: 78 Resp: 127264

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 19.000 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

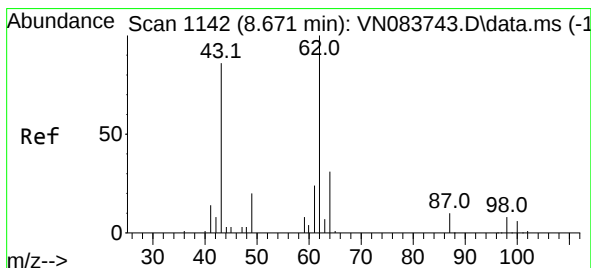
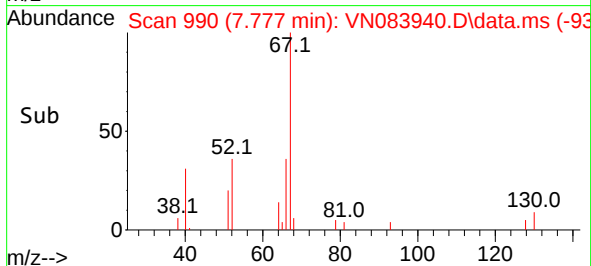
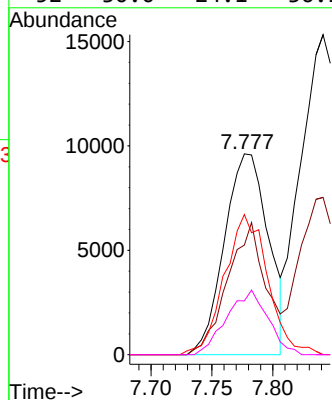
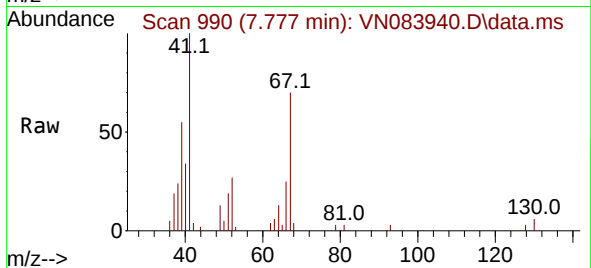
VN0917WBSD01

Tgt Ion: 41	Resp: 2416
Ion Ratio	Lower Upper
41	100
39	57.3 45.4 68.2
67	68.5 55.9 83.9
52	30.0 24.1 36.1

Manual Integrations

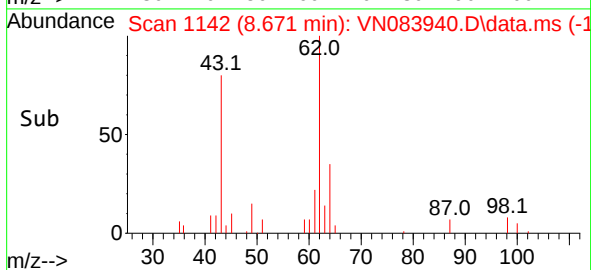
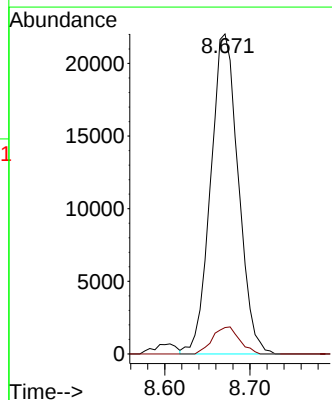
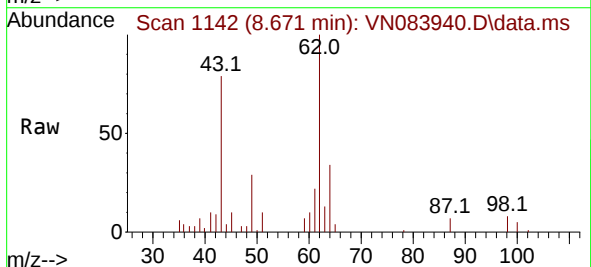
APPROVED

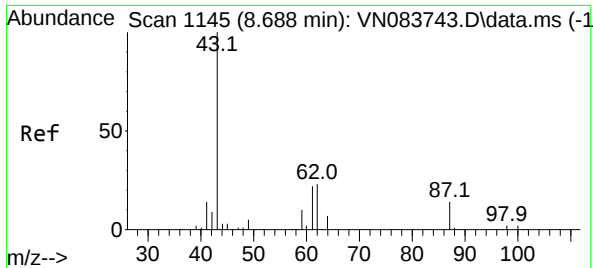
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#42
1,2-Dichloroethane
Concen: 18.645 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 62	Resp: 49674
Ion Ratio	Lower Upper
62	100
98	8.2 0.0 16.6





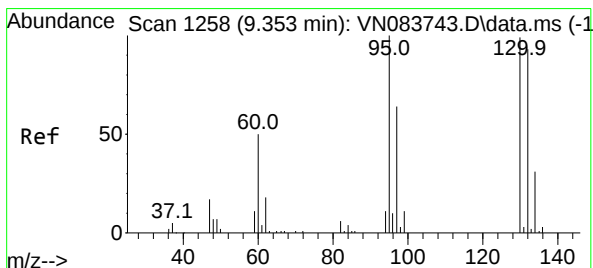
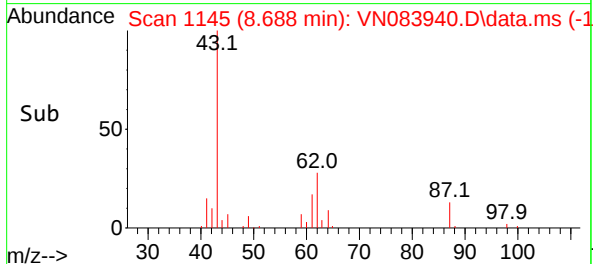
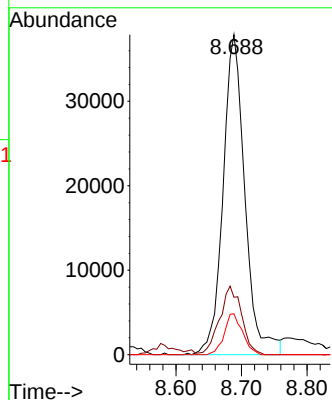
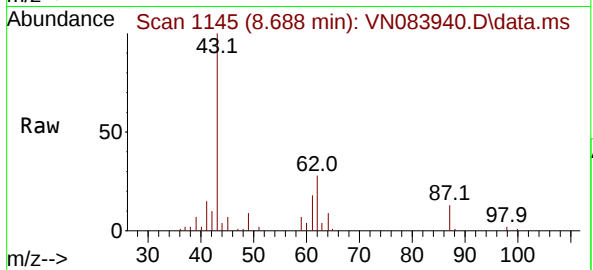
#43
Isopropyl Acetate
Concen: 22.506 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion: 43 Resp: 87692
Ion Ratio Lower Upper
43 100
61 21.4 19.4 29.0
87 10.7 9.8 14.6

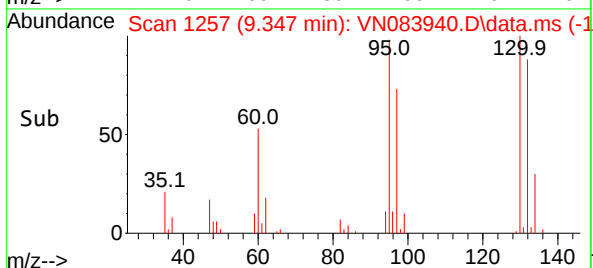
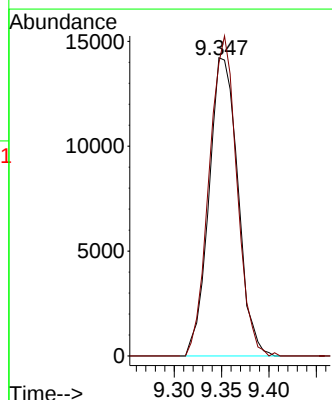
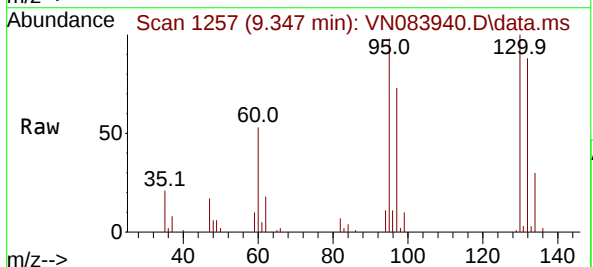
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 18.294 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion:130 Resp: 30205
Ion Ratio Lower Upper
130 100
95 98.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 18.039 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 63 Resp: 3108

Ion Ratio Lower Upper

63 100

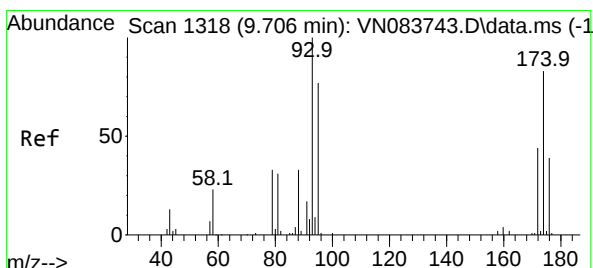
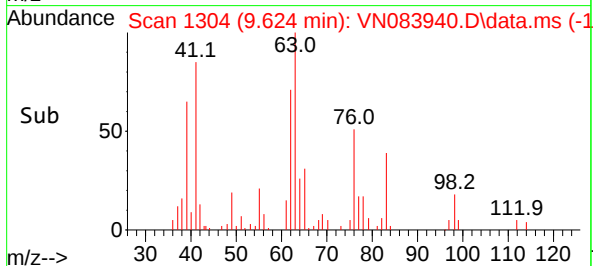
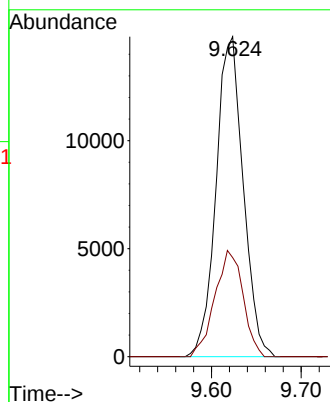
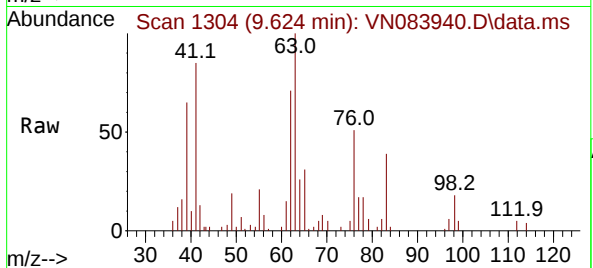
65 31.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#46

Dibromomethane

Concen: 18.054 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

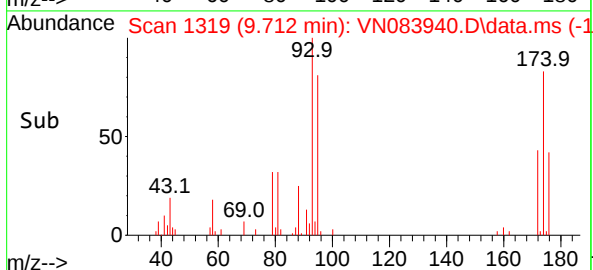
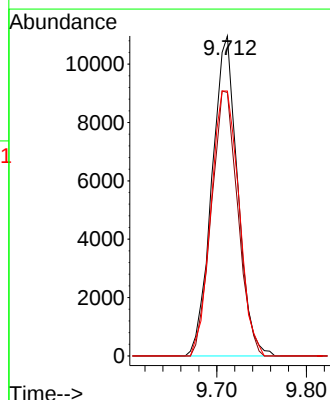
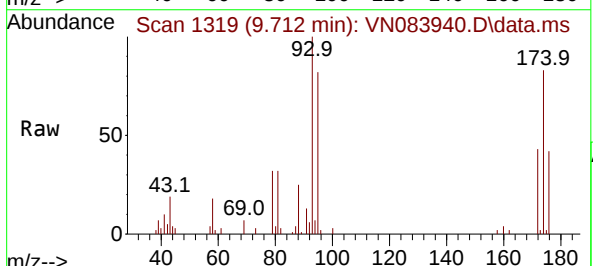
Tgt Ion: 93 Resp: 21791

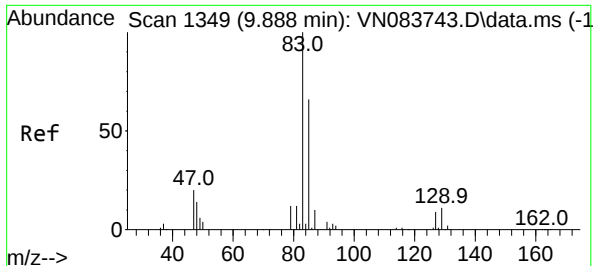
Ion Ratio Lower Upper

93 100

95 84.9 65.3 97.9

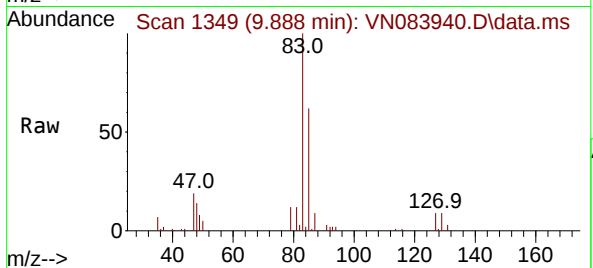
174 89.8 71.0 106.4





#47
Bromodichloromethane
Concen: 19.274 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

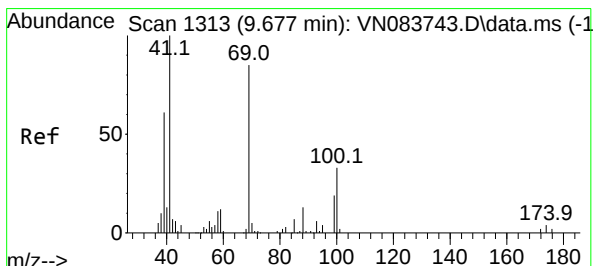
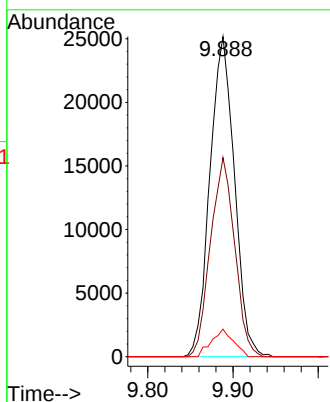
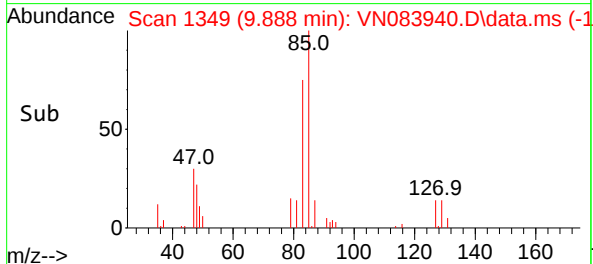
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



Tgt Ion: 83 Resp: 5034
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.8
127 8.6 6.6 9.8

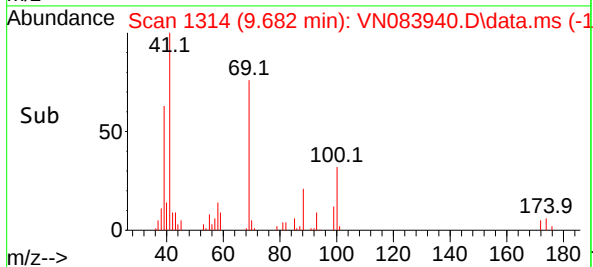
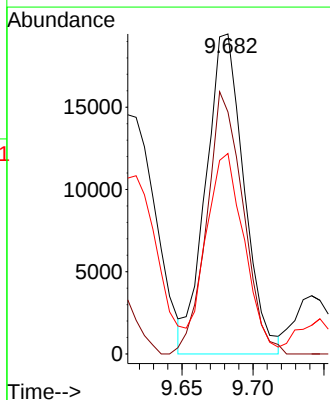
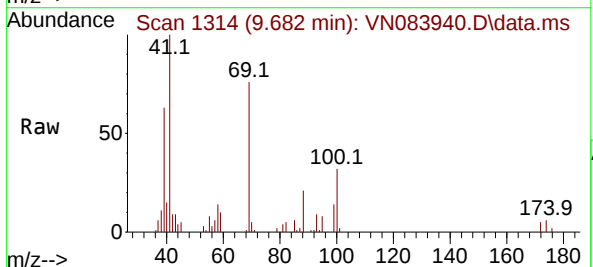
Manual Integrations
APPROVED

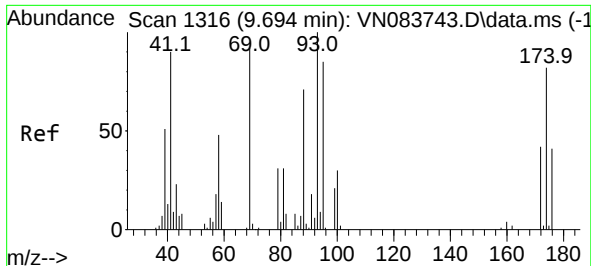
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#48
Methyl methacrylate
Concen: 19.621 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion: 41 Resp: 36271
Ion Ratio Lower Upper
41 100
69 78.0 64.3 96.5
39 62.8 48.9 73.3





#49

1,4-Dioxane

Concen: 408.411 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion: 88 Resp: 12420

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0

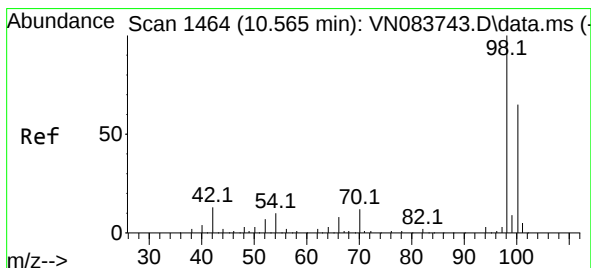
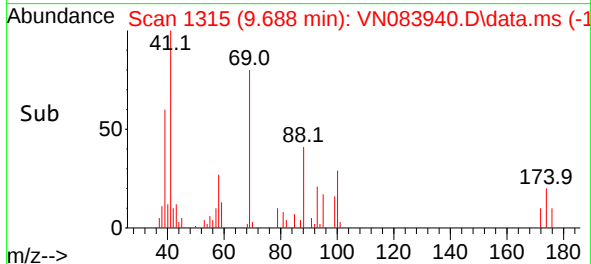
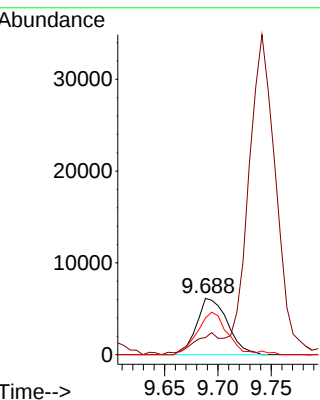
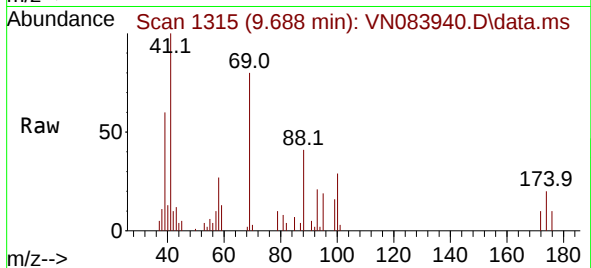
58 72.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#50

Toluene-d8

Concen: 49.144 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083940.D

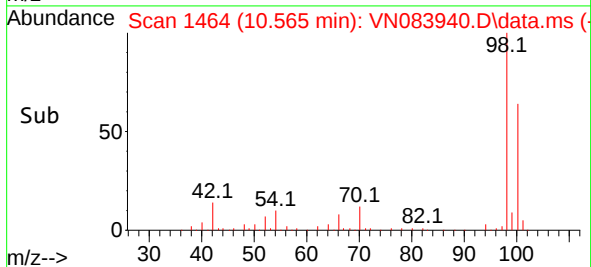
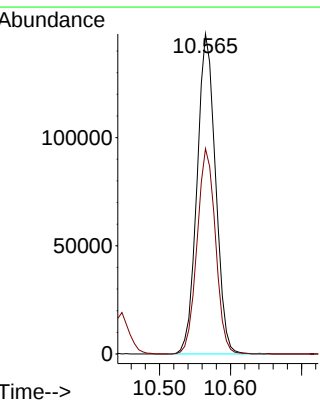
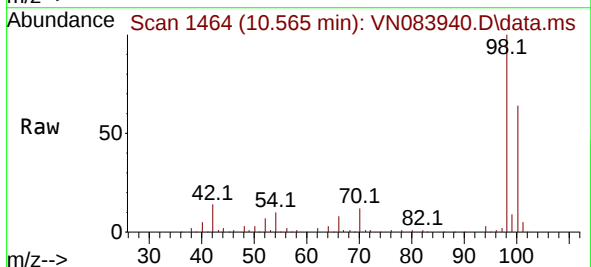
Acq: 17 Sep 2024 13:05

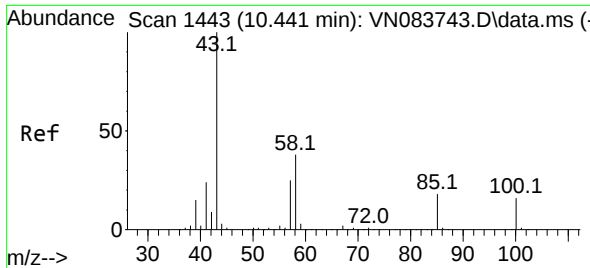
Tgt Ion: 98 Resp: 267377

Ion Ratio Lower Upper

98 100

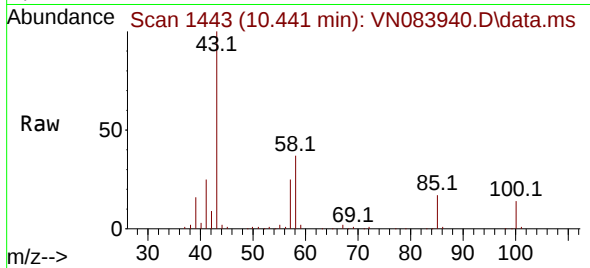
100 63.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 104.500 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

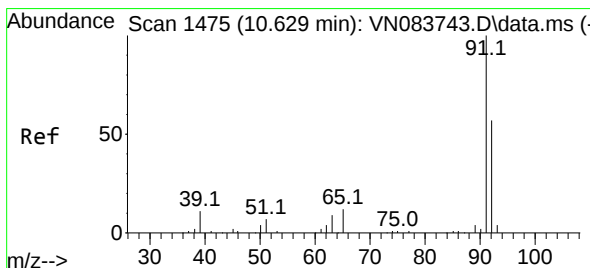
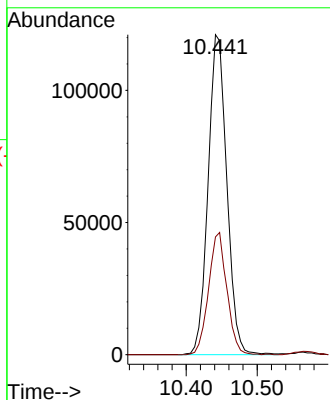
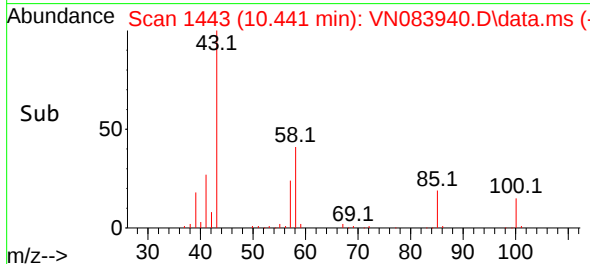
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



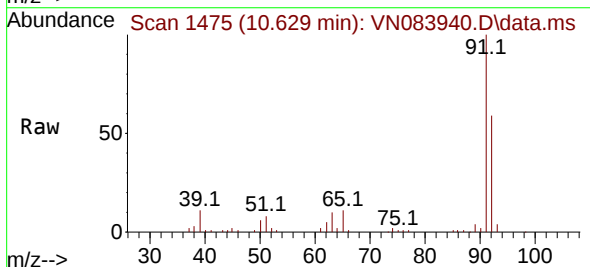
Tgt Ion: 43 Resp: 221649
Ion Ratio Lower Upper
43 100
58 37.3 31.6 47.4

Manual Integrations
APPROVED

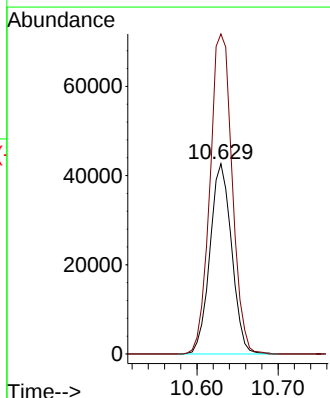
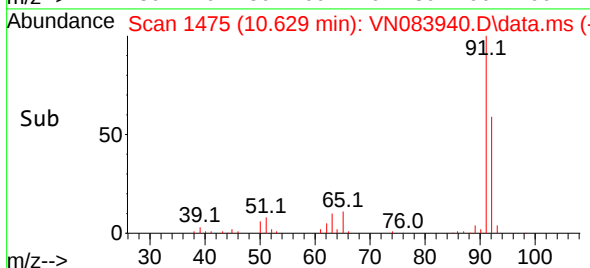
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

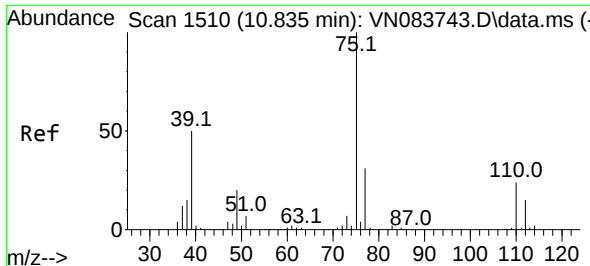


#52
Toluene
Concen: 18.124 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



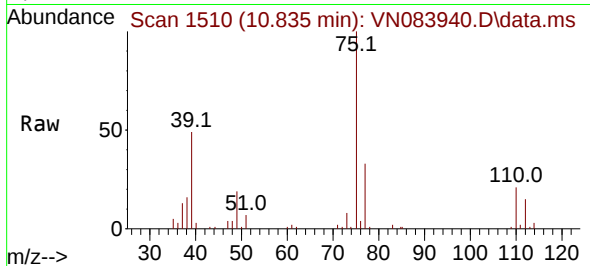
Tgt Ion: 92 Resp: 79041
Ion Ratio Lower Upper
92 100
91 172.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 18.617 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

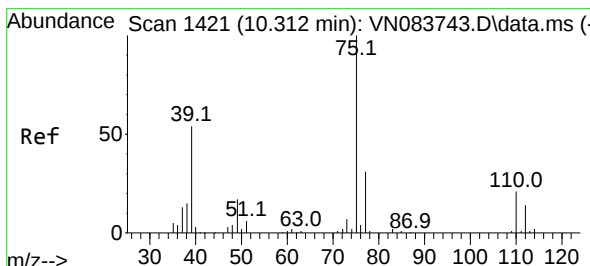
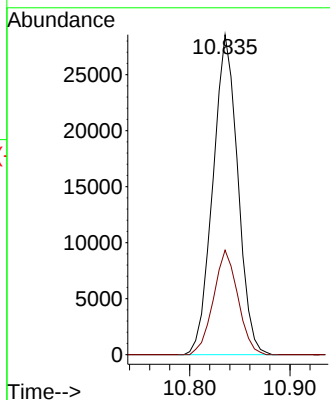
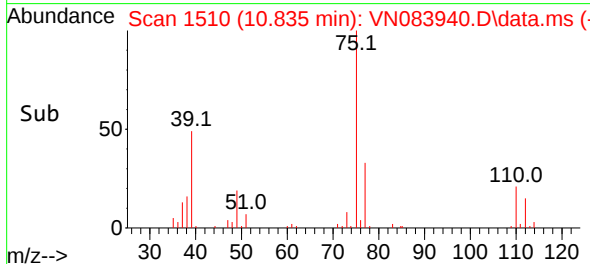
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



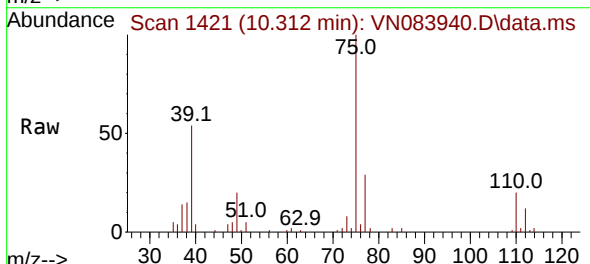
Tgt Ion: 75 Resp: 49294
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6

Manual Integrations
APPROVED

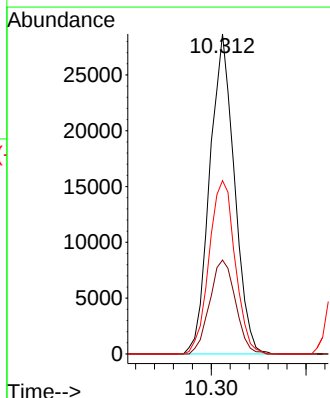
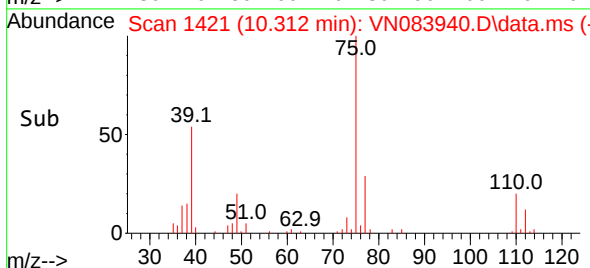
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

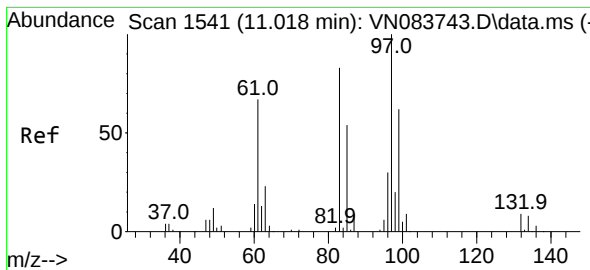


#54
cis-1,3-Dichloropropene
Concen: 18.596 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



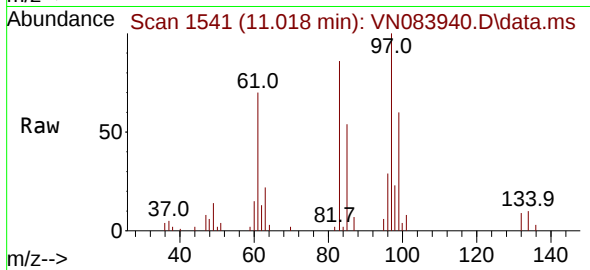
Tgt Ion: 75 Resp: 51721
Ion Ratio Lower Upper
75 100
77 29.3 25.0 37.6
39 54.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 18.496 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

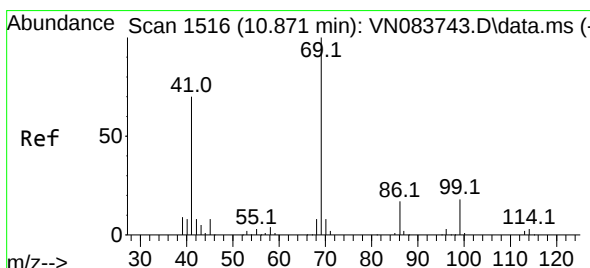
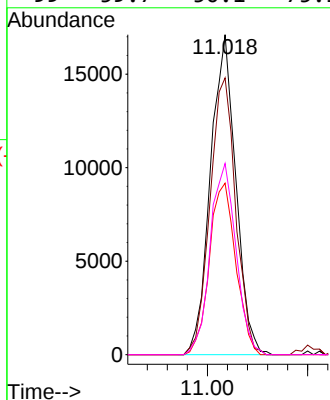
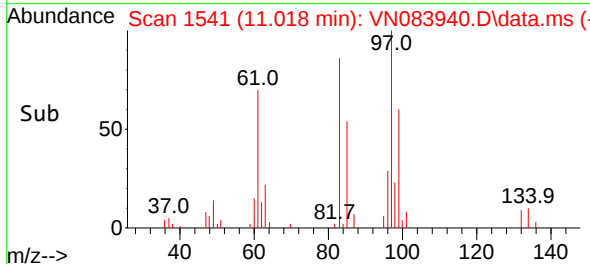
Instrument : MSVOA_N
ClientSampleId : VN0917WBSD01



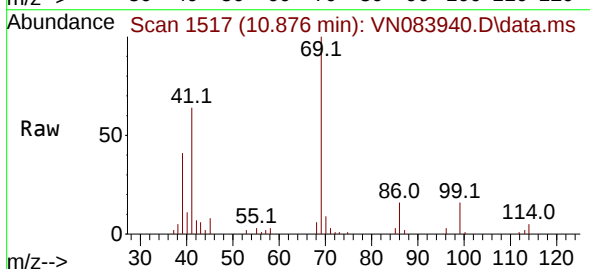
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.5	101.3
85	53.6	44.2	66.2
99	59.7	50.1	75.1

Manual Integrations
APPROVED

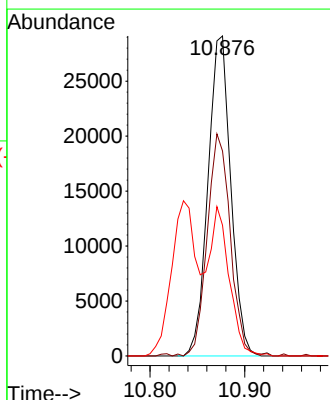
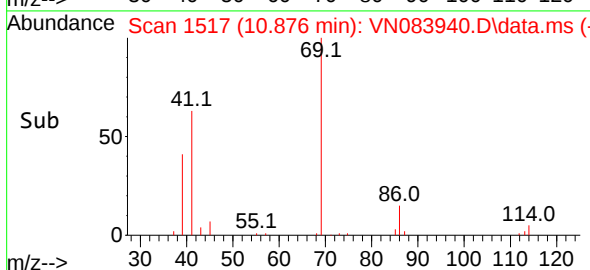
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#56
Ethyl methacrylate
Concen: 19.496 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



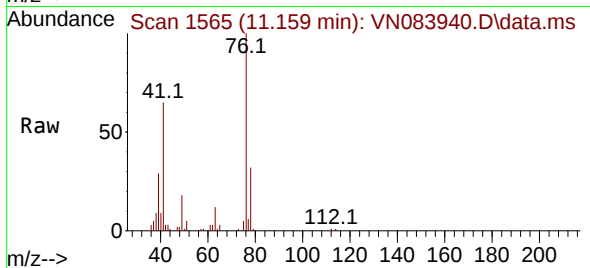
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.7	53.9	80.9
39	42.9	32.6	48.8





#57
1,3-Dichloropropane
Concen: 18.471 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

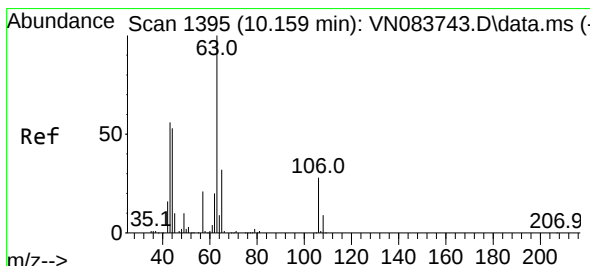
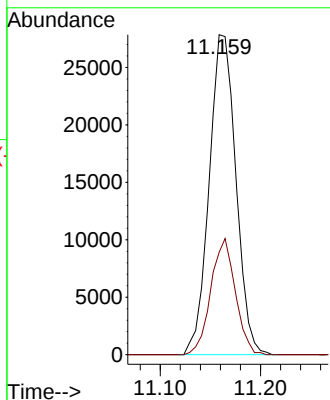
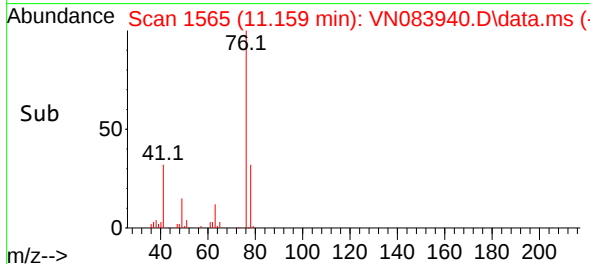
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



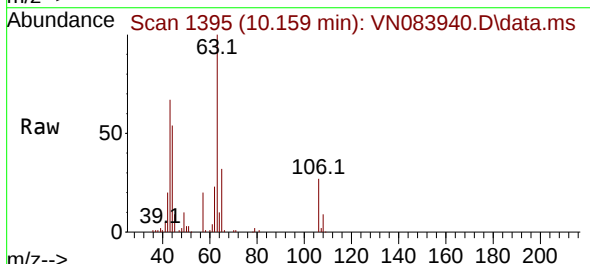
Tgt Ion: 76 Resp: 5168
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

Manual Integrations
APPROVED

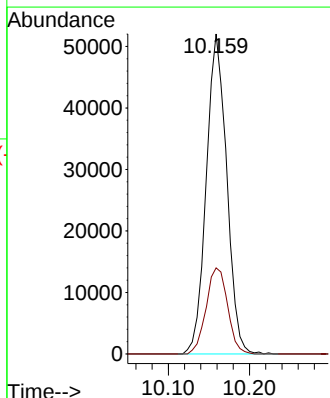
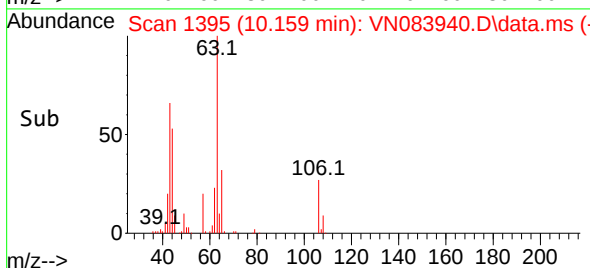
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

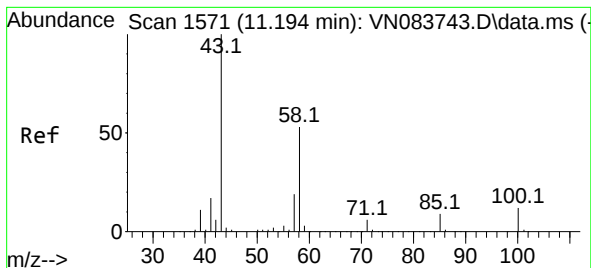


#58
2-Chloroethyl Vinyl ether
Concen: 100.588 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



Tgt Ion: 63 Resp: 90789
Ion Ratio Lower Upper
63 100
106 28.3 23.3 34.9





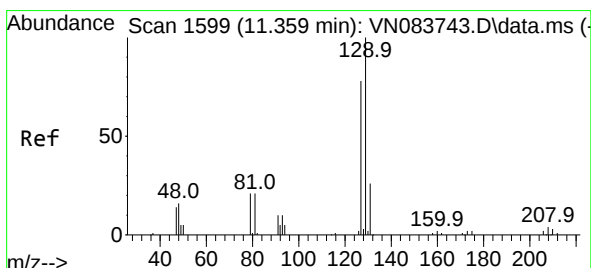
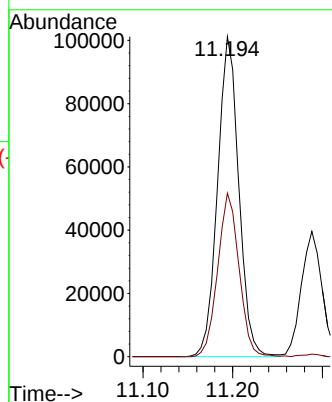
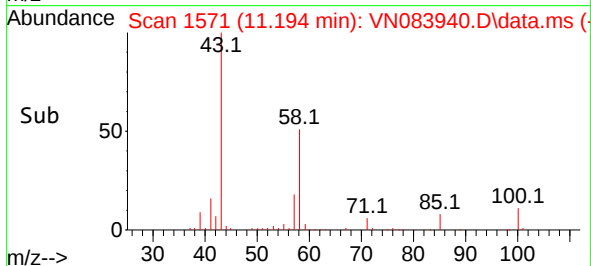
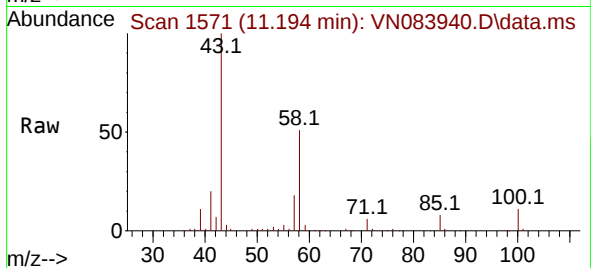
#59
2-Hexanone
Concen: 105.963 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion: 43 Resp: 16625
Ion Ratio Lower Upper
43 100
58 51.3 27.2 81.5

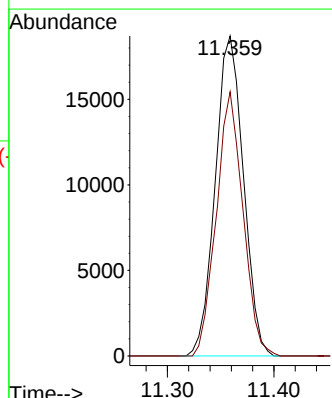
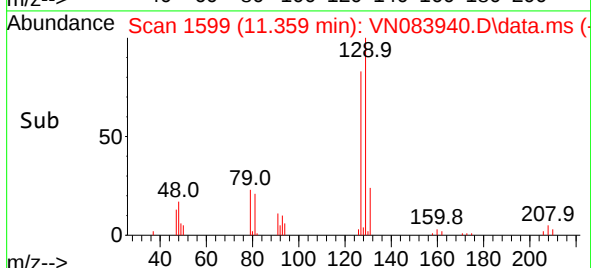
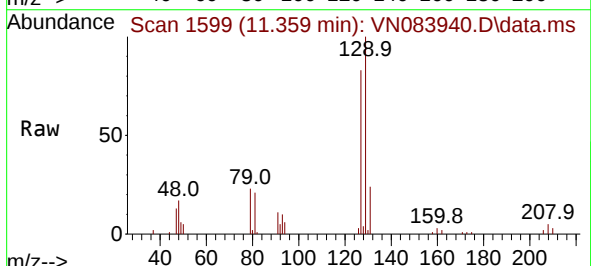
Manual Integrations
APPROVED

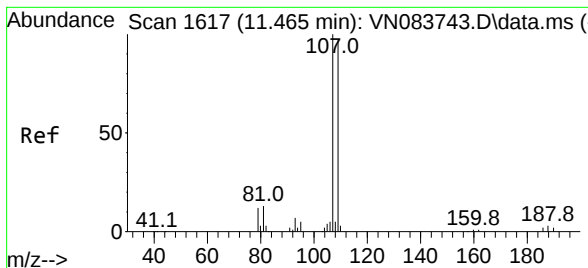
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#60
Dibromochloromethane
Concen: 18.845 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion:129 Resp: 34337
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





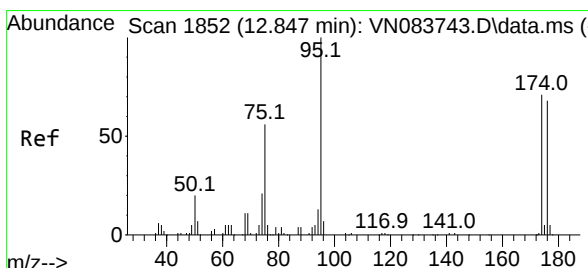
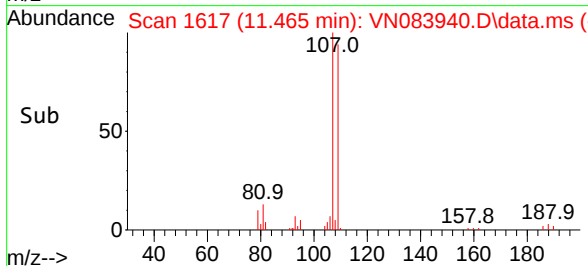
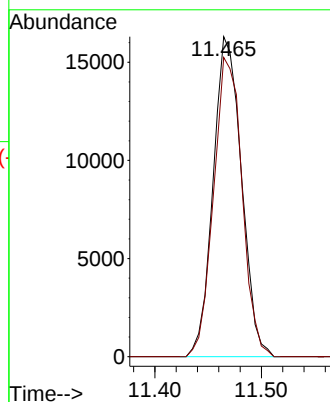
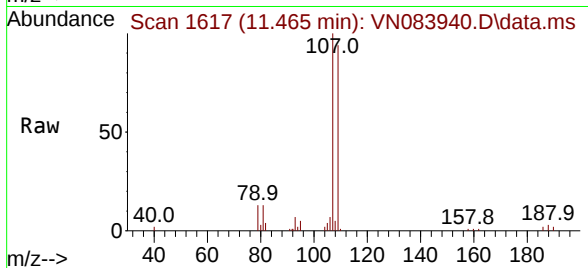
#61
1,2-Dibromoethane
Concen: 18.550 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion:107 Resp: 30120
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

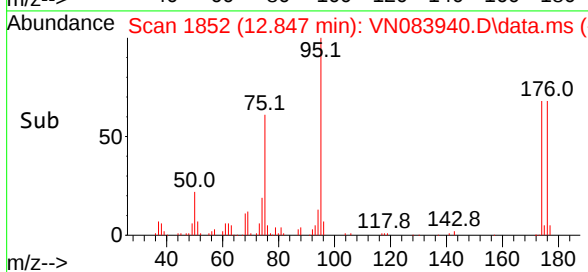
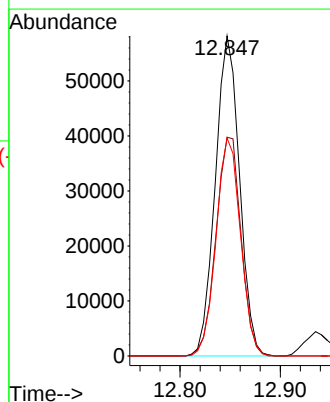
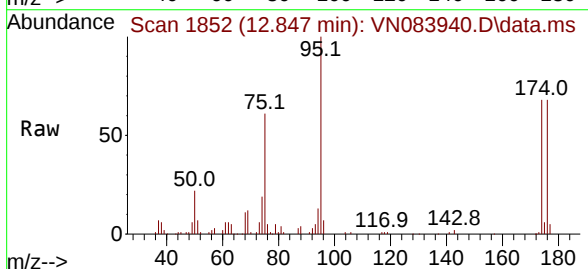
Manual Integrations
APPROVED

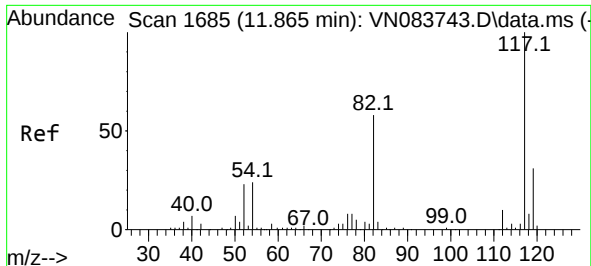
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#62
4-Bromofluorobenzene
Concen: 43.527 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

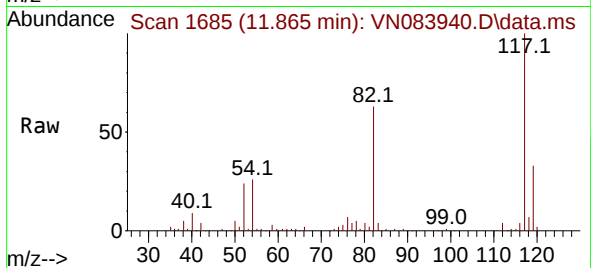
Tgt Ion: 95 Resp: 97706
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 68.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

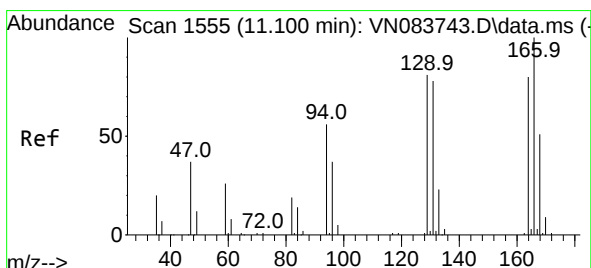
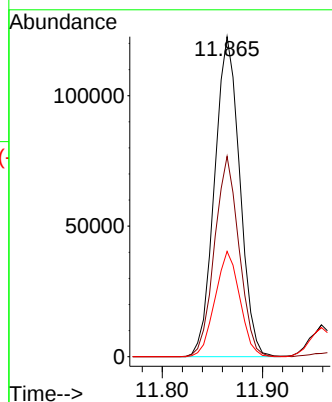
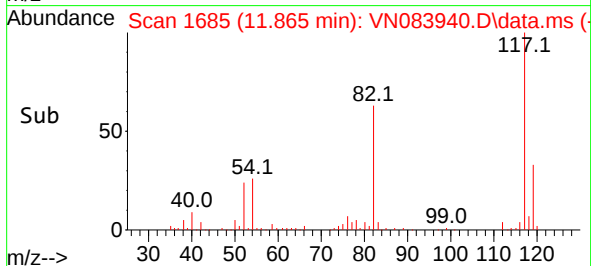
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



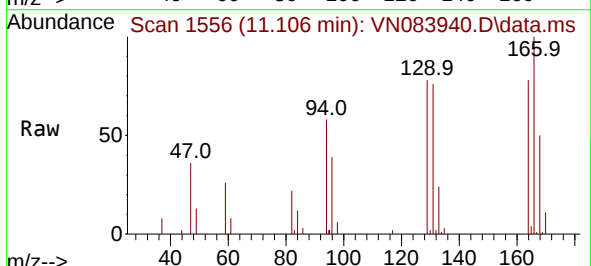
Tgt Ion:117 Resp: 21394
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.0
119 32.9 26.3 39.5

Manual Integrations
APPROVED

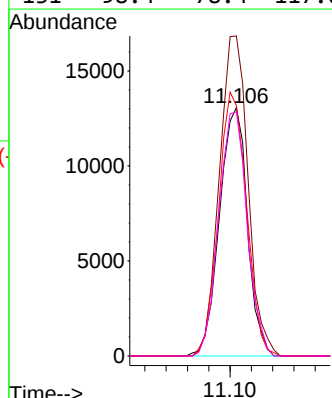
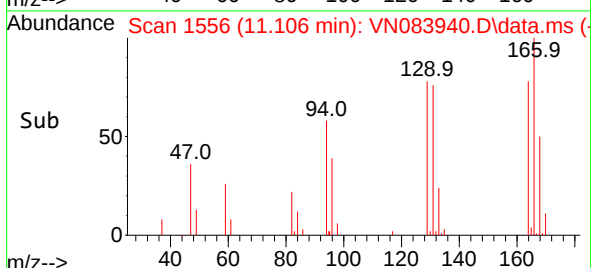
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

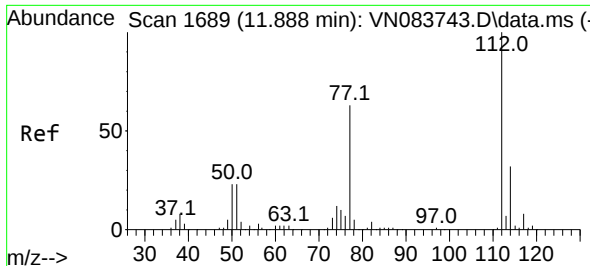


#64
Tetrachloroethene
Concen: 16.625 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



Tgt Ion:164 Resp: 23653
Ion Ratio Lower Upper
164 100
166 128.9 103.7 155.5
129 100.9 79.9 119.9
131 98.4 78.4 117.6





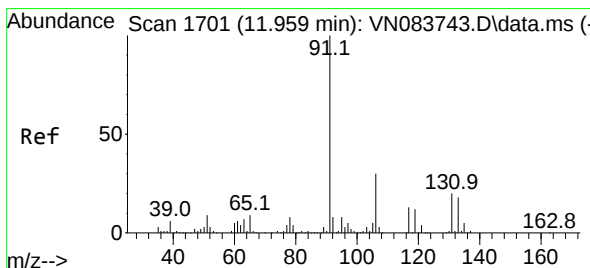
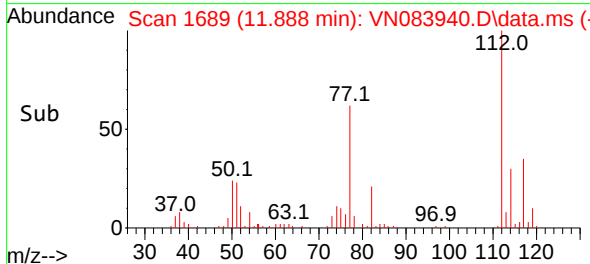
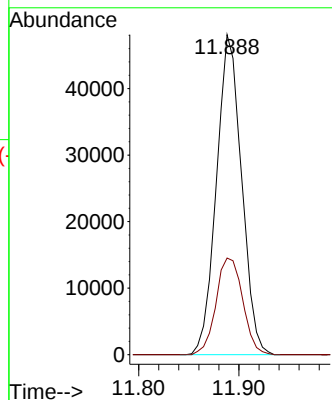
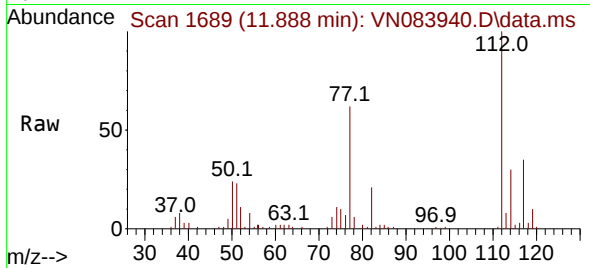
#65
Chlorobenzene
Concen: 17.583 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion:112 Resp: 83608
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5

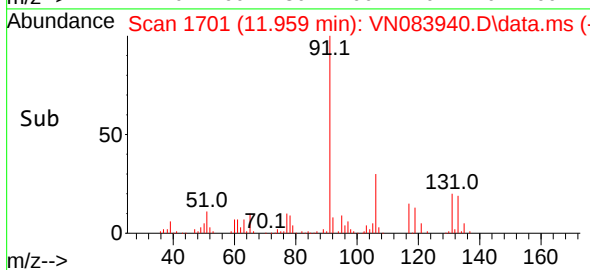
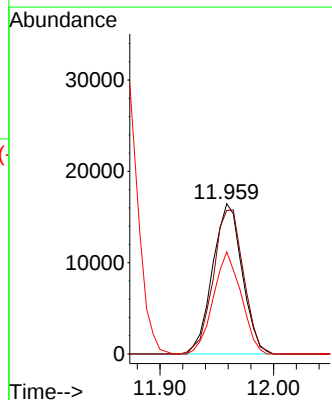
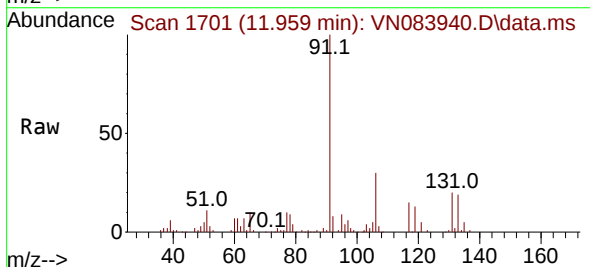
Manual Integrations
APPROVED

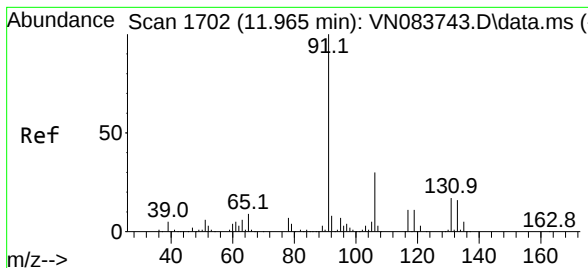
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.068 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

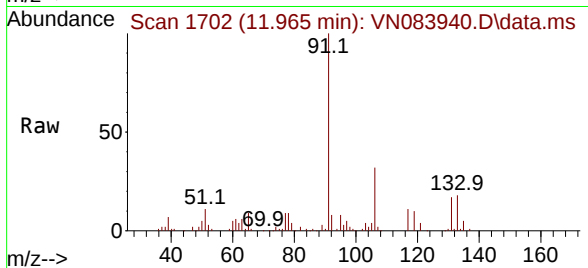
Tgt Ion:131 Resp: 29784
Ion Ratio Lower Upper
131 100
133 98.3 47.5 142.6
119 63.9 31.6 94.8





#67
Ethyl Benzene
Concen: 17.674 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

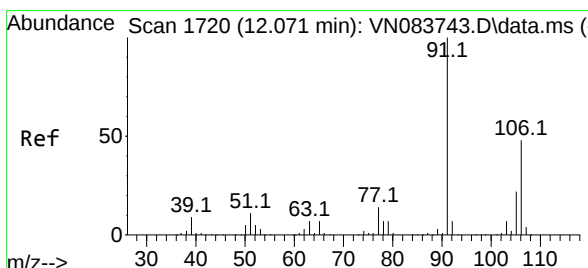
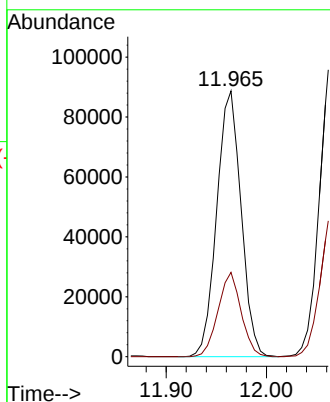
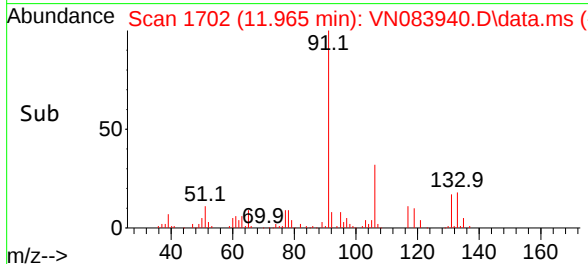
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



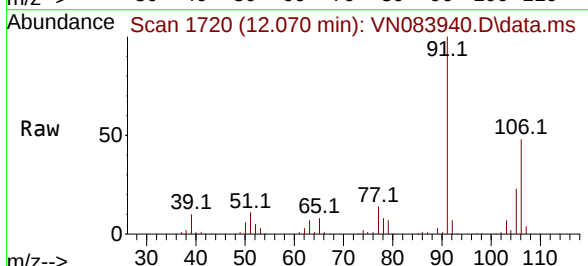
Tgt Ion: 91 Resp: 14928
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5

Manual Integrations
APPROVED

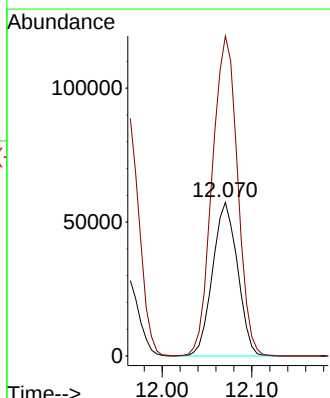
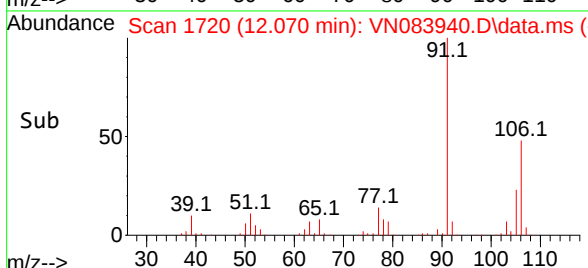
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#68
m/p-Xylenes
Concen: 35.342 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



Tgt Ion:106 Resp: 110833
Ion Ratio Lower Upper
106 100
91 211.6 169.2 253.8





#69

o-Xylene

Concen: 17.522 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

Tgt Ion:106 Resp: 5319

Ion Ratio Lower Upper

106 100

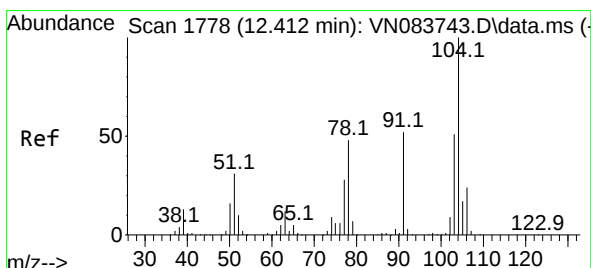
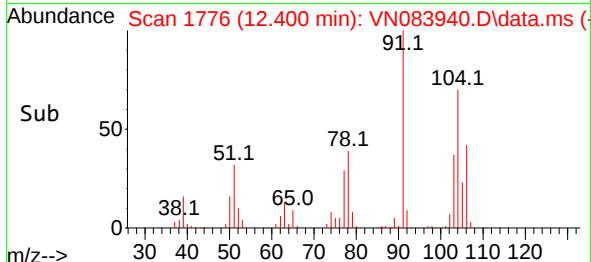
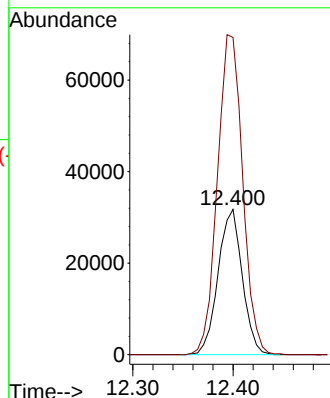
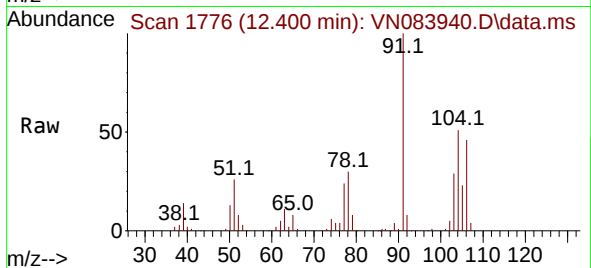
91 230.0 112.9 338.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#70

Styrene

Concen: 17.979 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

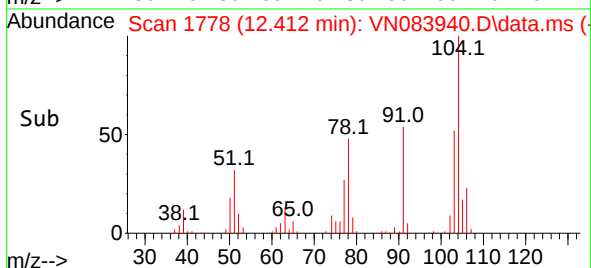
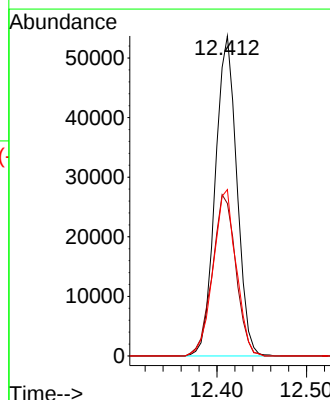
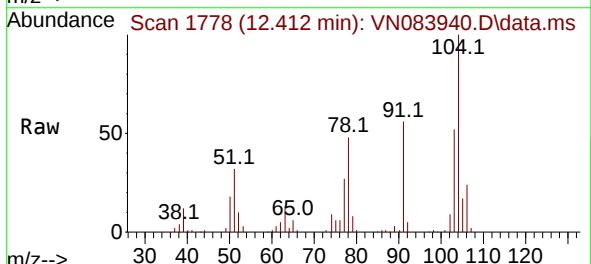
Tgt Ion:104 Resp: 89576

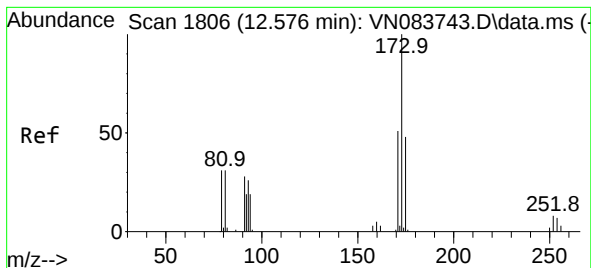
Ion Ratio Lower Upper

104 100

78 55.0 43.3 64.9

103 55.3 43.4 65.2





#71

Bromoform

Concen: 19.406 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

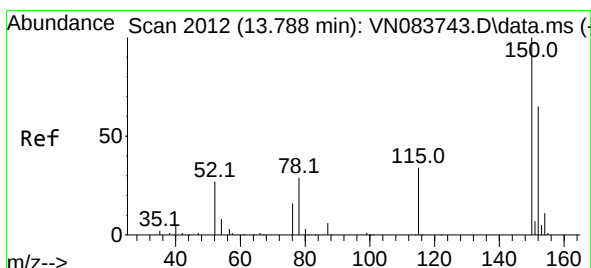
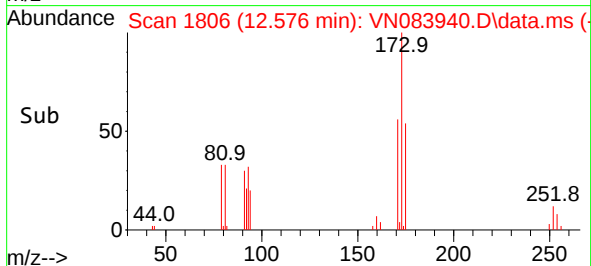
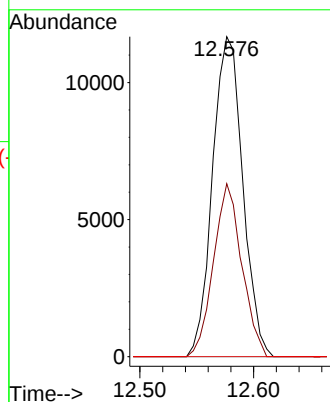
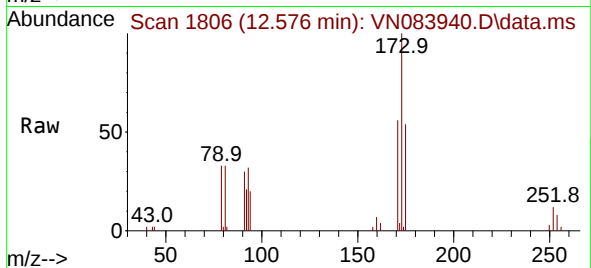
Tgt Ion:	173	Resp:	21550
Ion Ratio	Lower	Upper	
173	100		
175	50.6	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

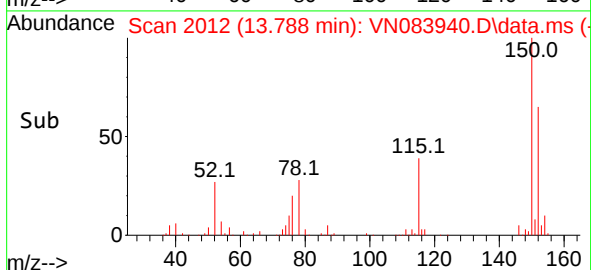
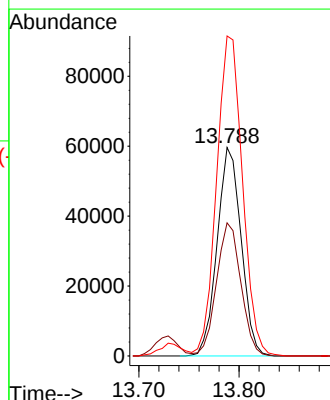
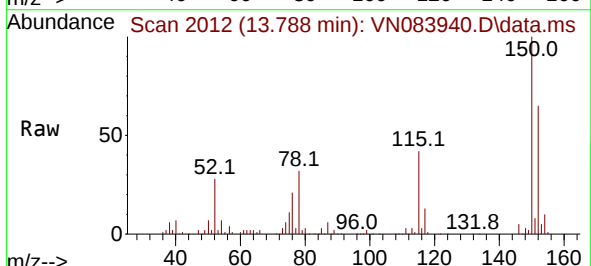
RT: 13.788 min Scan# 2012

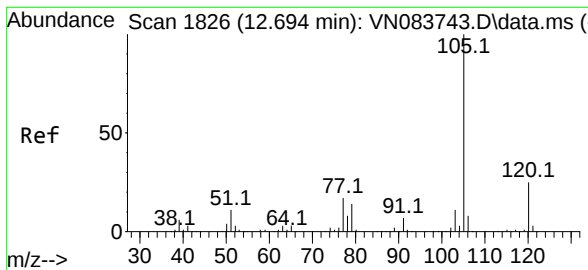
Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

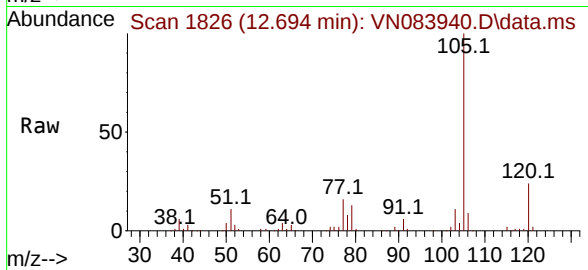
Tgt Ion:	152	Resp:	99088
Ion Ratio	Lower	Upper	
152	100		
115	64.9	32.2	96.6
150	165.5	0.0	348.6





#73
Isopropylbenzene
Concen: 18.159 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

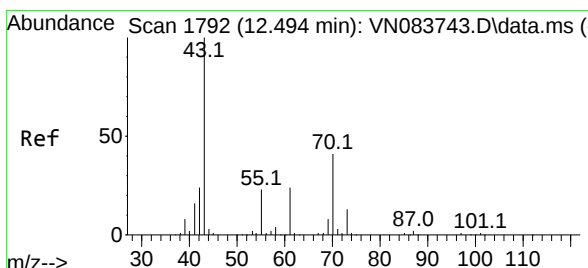
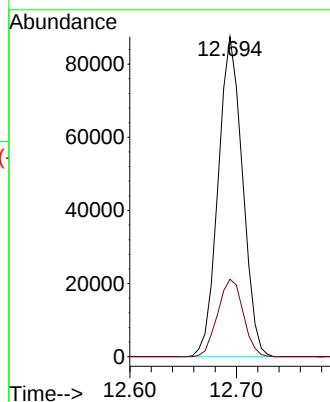
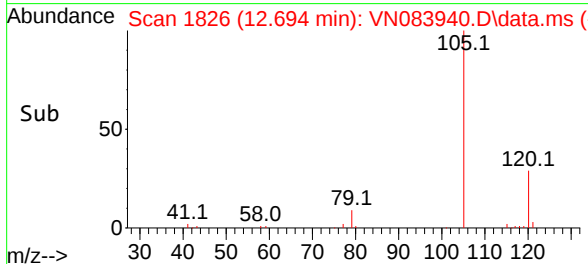
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



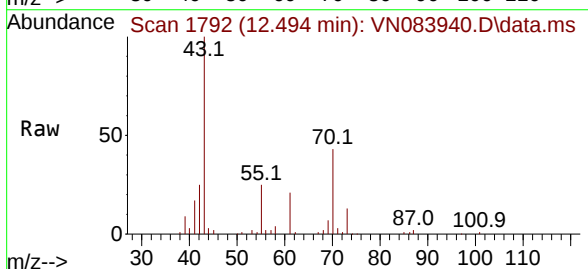
Tgt Ion:105 Resp: 139208
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

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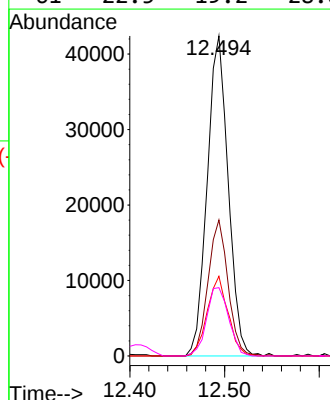
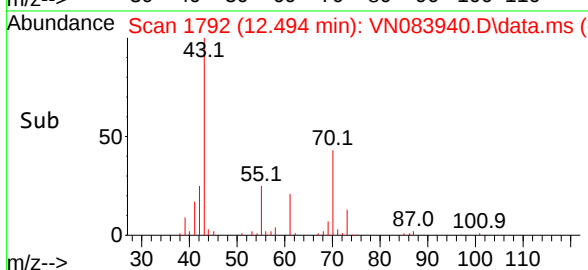
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

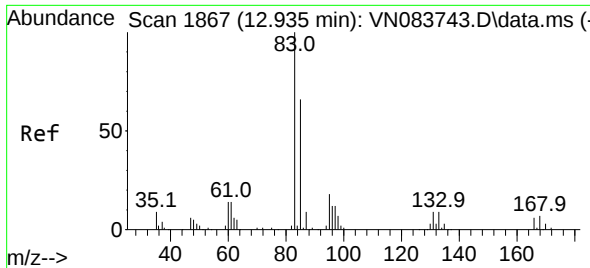


#74
N-ethyl acetate
Concen: 19.950 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



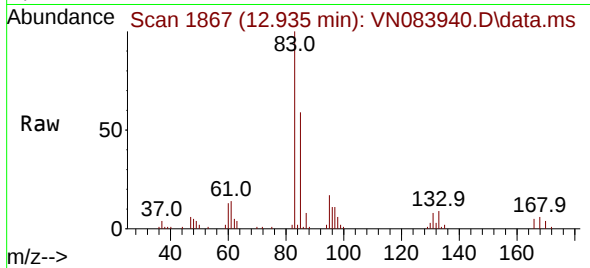
Tgt Ion: 43 Resp: 65253
Ion Ratio Lower Upper
43 100
70 40.6 34.5 51.7
55 24.6 18.6 28.0
61 22.5 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.589 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

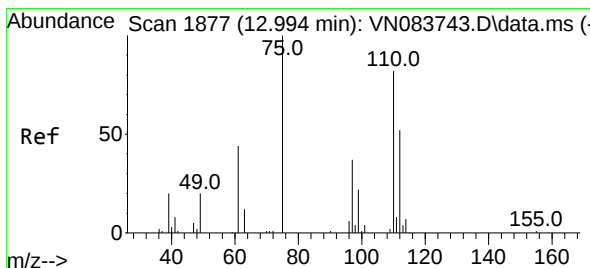
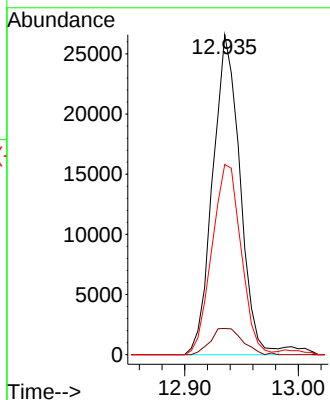
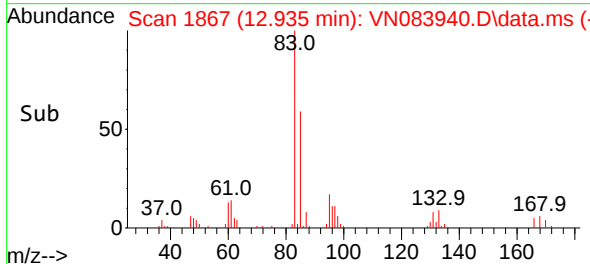
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01



Tgt Ion: 83 Resp: 4412
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.2 15.6
 85 63.9 31.9 95.9

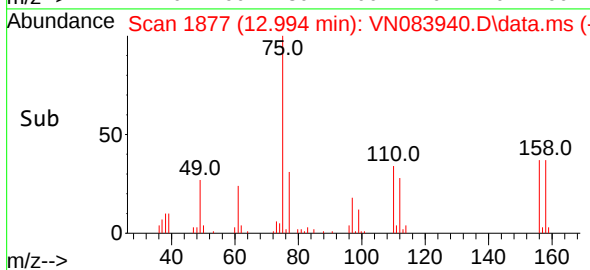
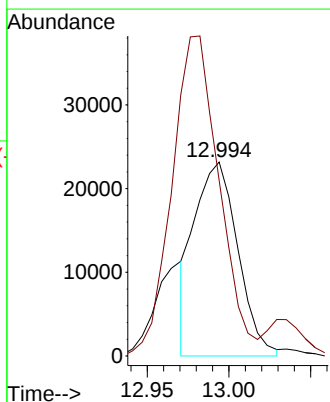
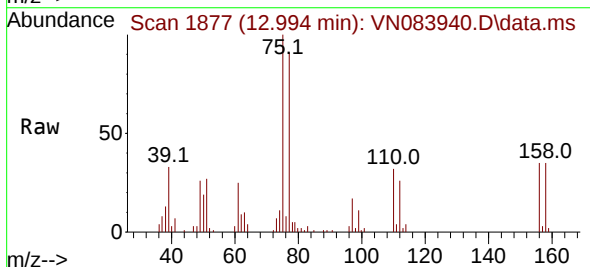
Manual Integrations
 APPROVED

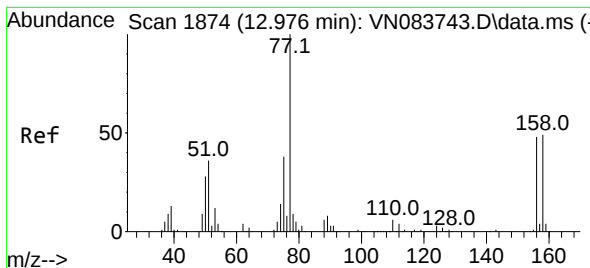
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#76
 1,2,3-Trichloropropane
 Concen: 21.381 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

Tgt Ion: 75 Resp: 42749
 Ion Ratio Lower Upper
 75 100
 77 179.9 95.2 285.6





#77

Bromobenzene

Concen: 17.375 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

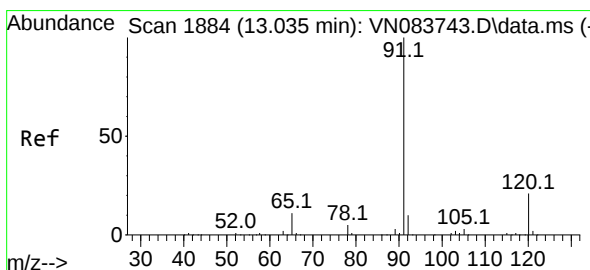
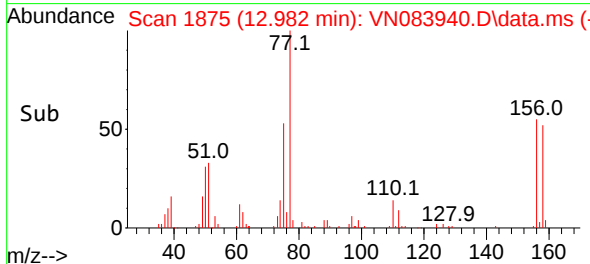
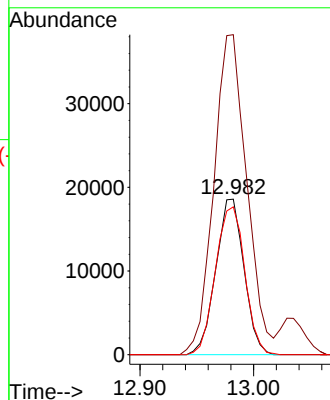
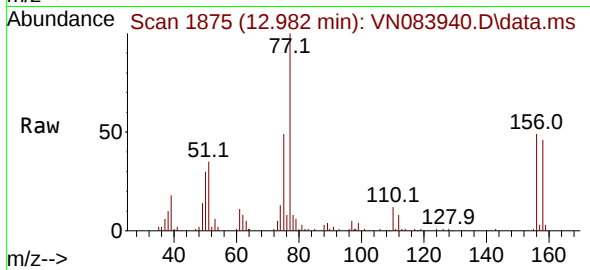
Tgt Ion:156 Resp: 32062
 Ion Ratio Lower Upper
 156 100
 77 239.9 114.3 343.1
 158 99.0 48.9 146.7

Manual Integrations

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Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#78

n-propylbenzene

Concen: 18.187 ug/l

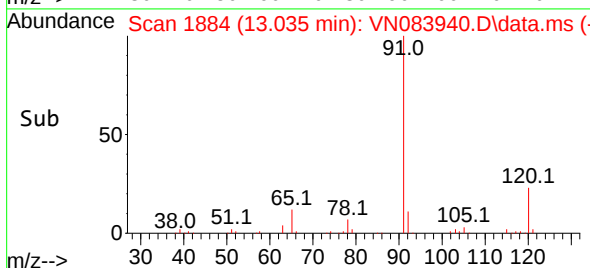
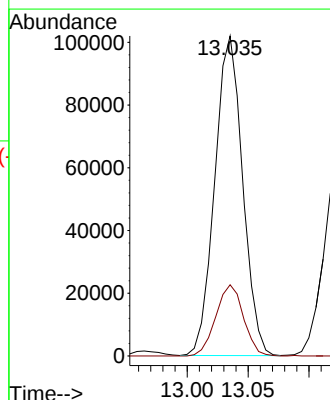
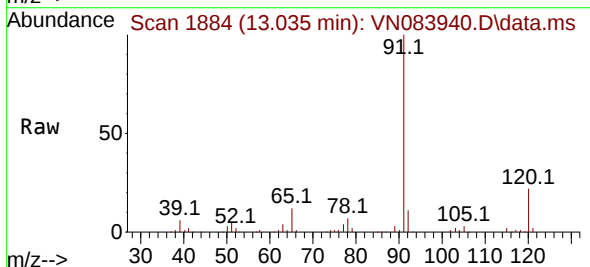
RT: 13.035 min Scan# 1884

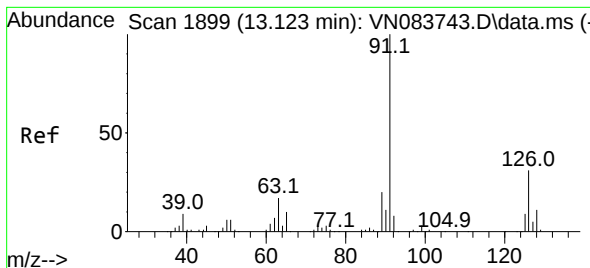
Delta R.T. -0.000 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion: 91 Resp: 162221
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.0 33.0





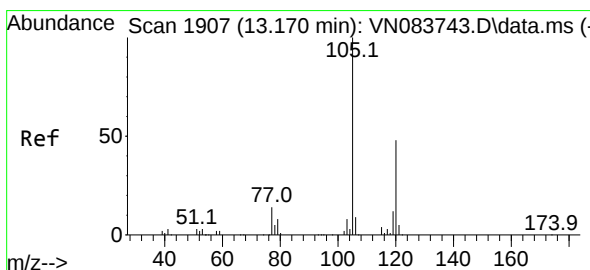
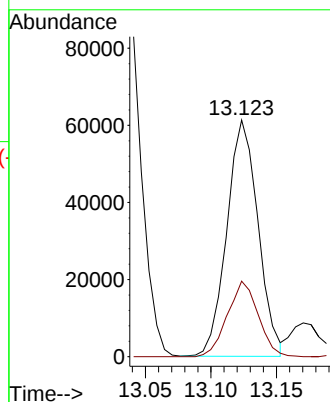
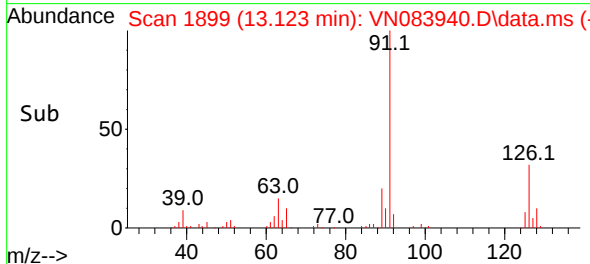
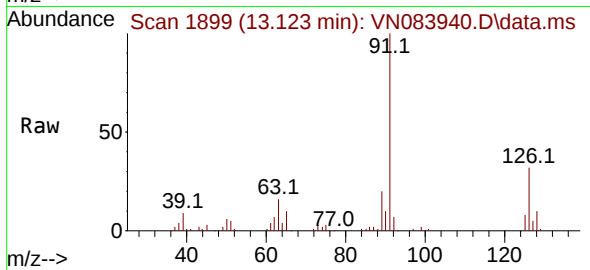
#79
2-Chlorotoluene
Concen: 17.868 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion: 91 Resp: 101640
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2

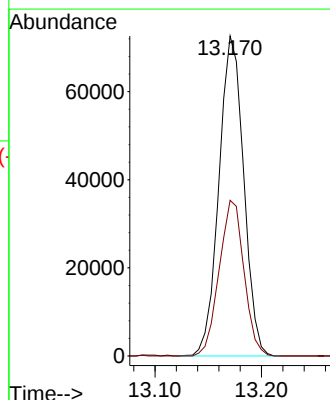
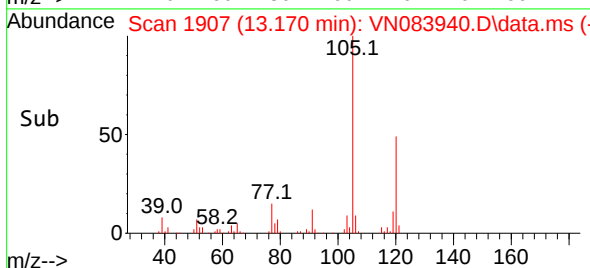
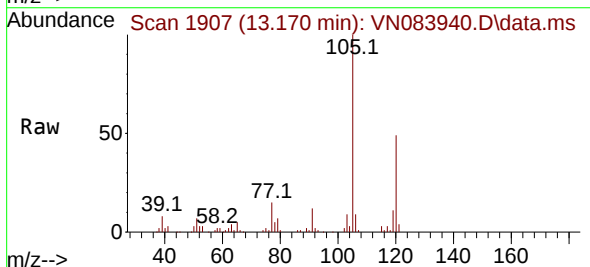
Manual Integrations
APPROVED

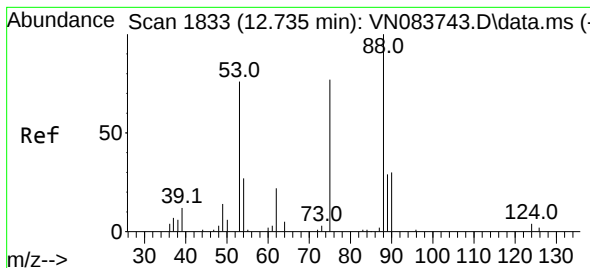
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.119 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

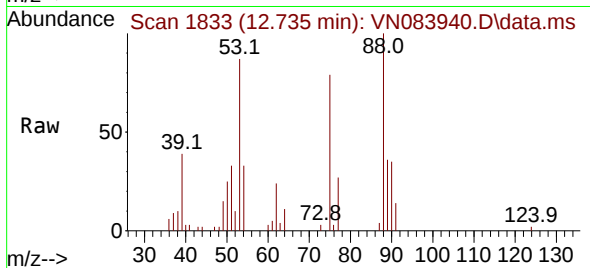
Tgt Ion:105 Resp: 117105
Ion Ratio Lower Upper
105 100
120 48.7 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.372 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

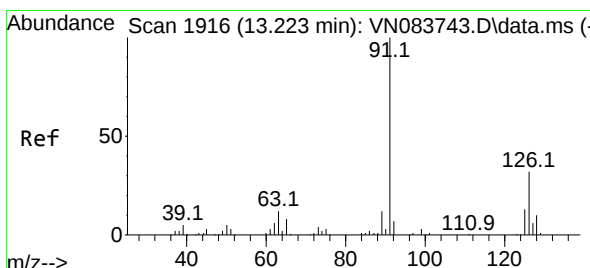
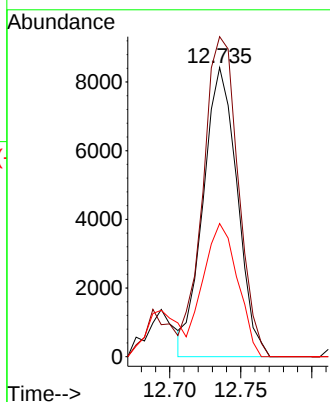
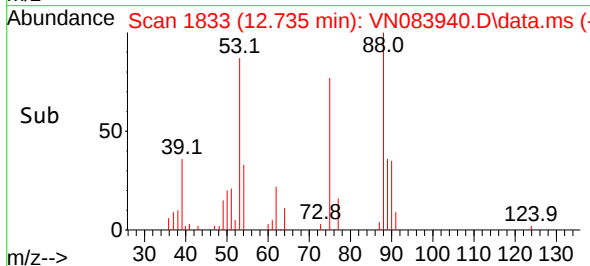
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



Tgt Ion: 75 Resp: 1402
Ion Ratio Lower Upper
75 100
53 114.4 81.2 121.8
89 46.4 35.7 53.5

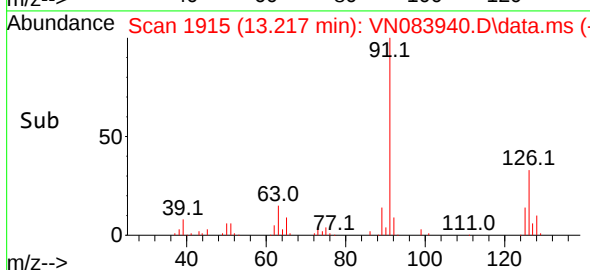
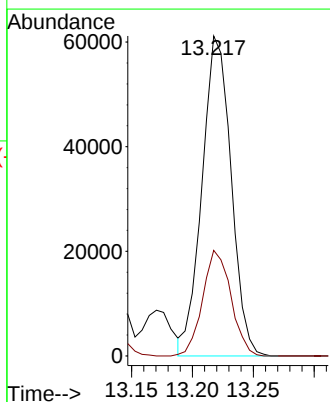
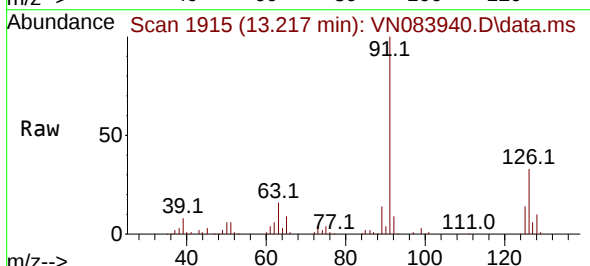
Manual Integrations
APPROVED

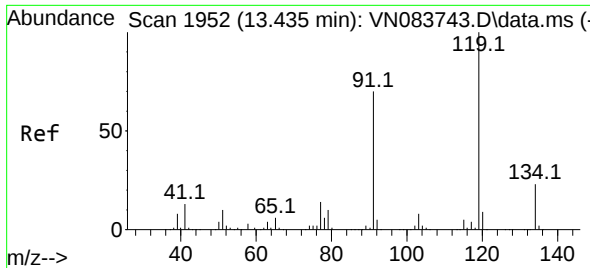
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#82
4-Chlorotoluene
Concen: 17.775 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

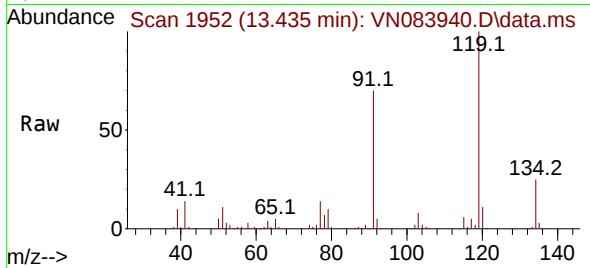
Tgt Ion: 91 Resp: 101469
Ion Ratio Lower Upper
91 100
126 32.1 15.4 46.2





#83
tert-Butylbenzene
Concen: 18.127 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

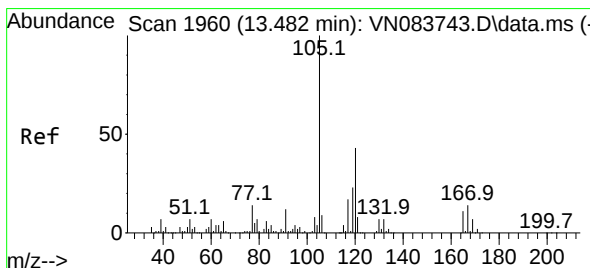
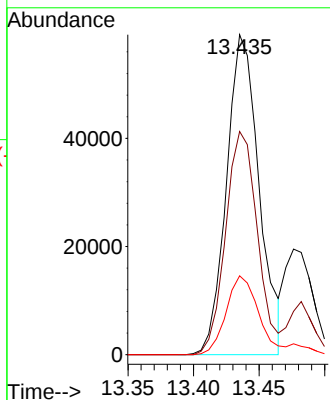
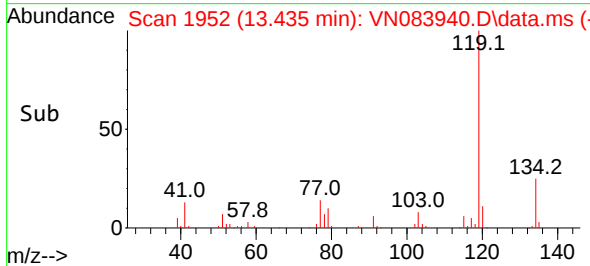
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



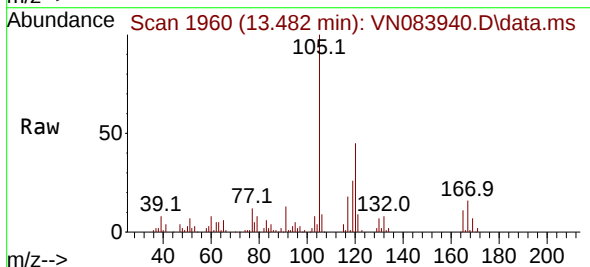
Tgt Ion:119 Resp: 102504
Ion Ratio Lower Upper
119 100
91 68.1 34.5 103.6
134 24.5 12.8 38.4

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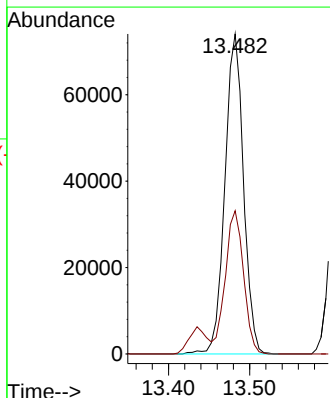
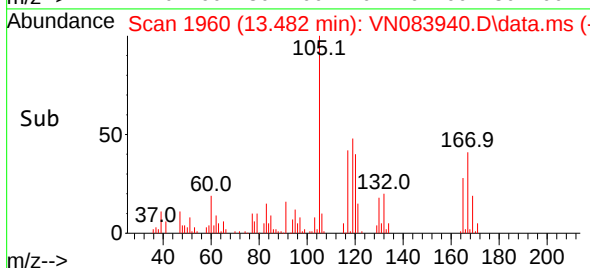
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

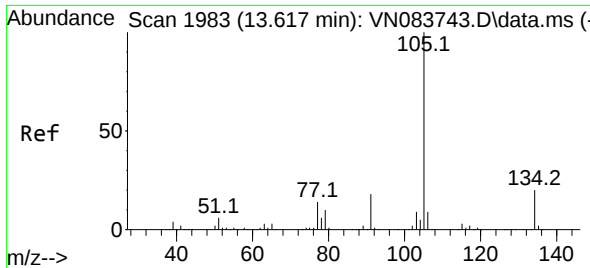


#84
1,2,4-Trimethylbenzene
Concen: 18.161 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



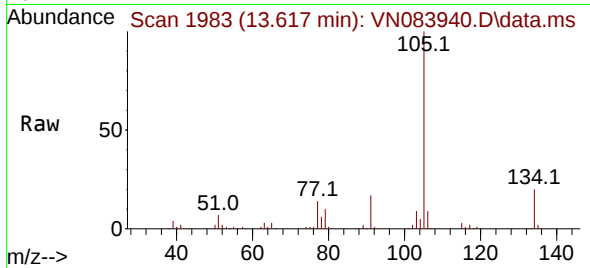
Tgt Ion:105 Resp: 117910
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 18.352 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

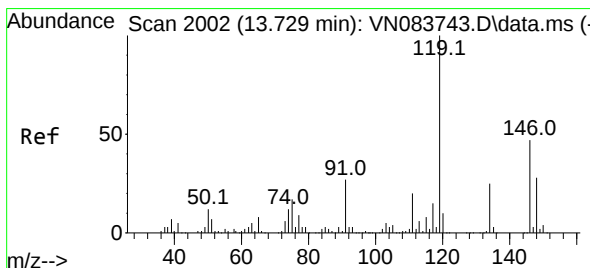
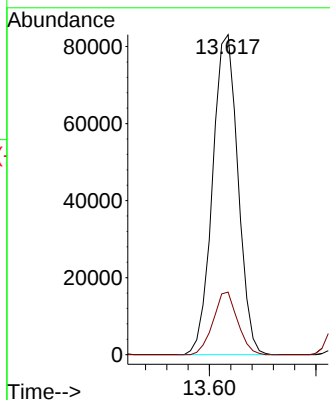
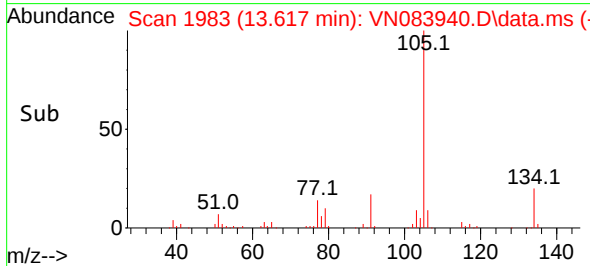
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01



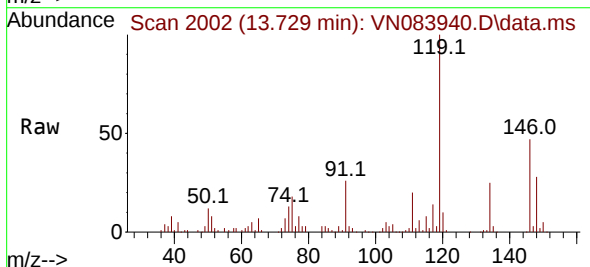
Tgt Ion:105 Resp: 137624
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1

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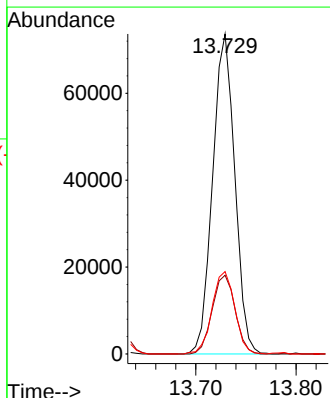
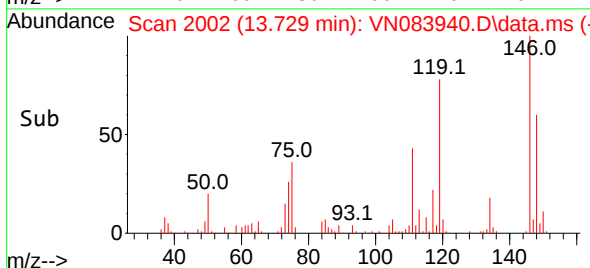
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 17.976 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05



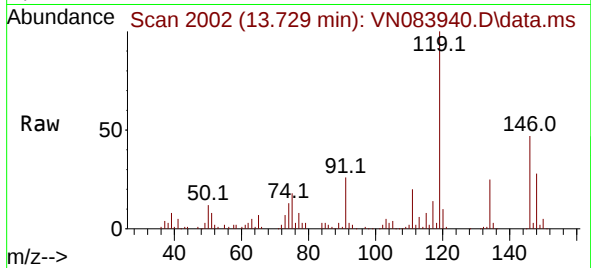
Tgt Ion:119 Resp: 113002
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 26.3 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 17.147 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

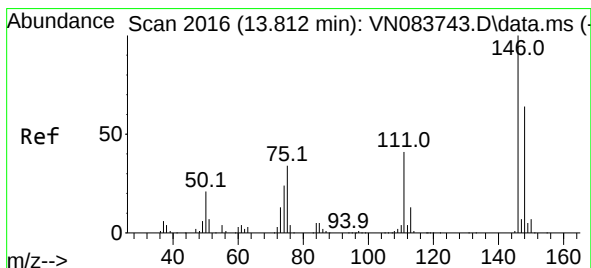
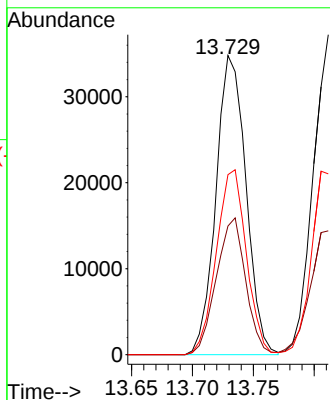
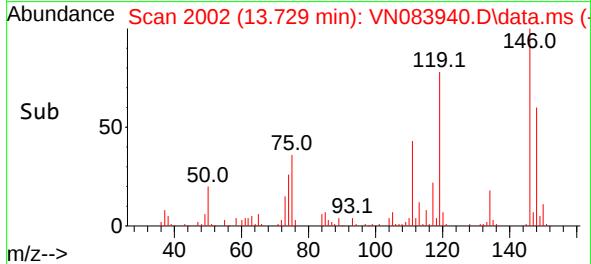
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01



Tgt Ion:146 Resp: 5971
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.7 65.1
 148 61.9 31.7 95.1

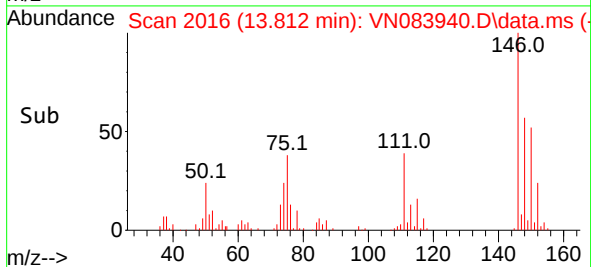
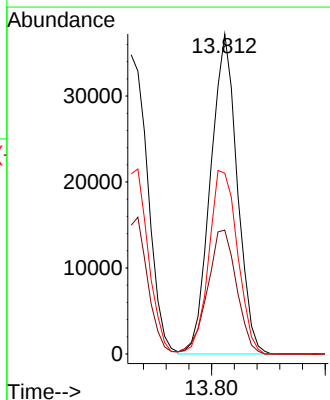
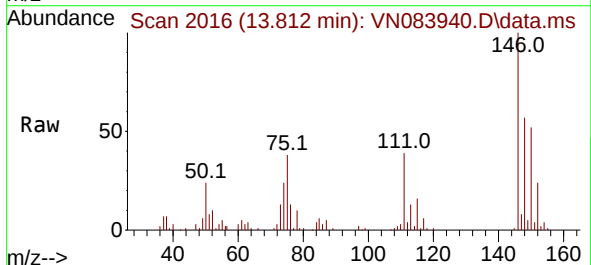
Manual Integrations
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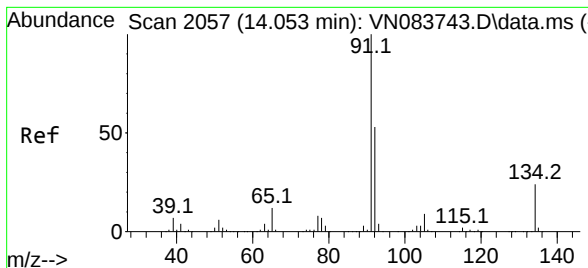
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#88
 1,4-Dichlorobenzene
 Concen: 17.204 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083940.D
 Acq: 17 Sep 2024 13:05

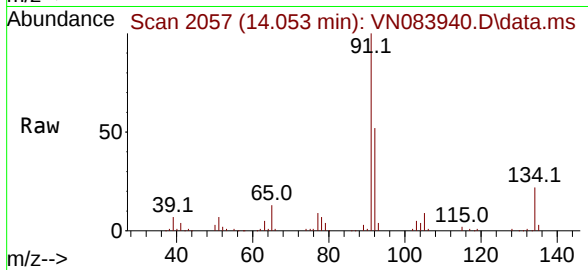
Tgt Ion:146 Resp: 60666
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 61.6 32.0 96.2





#89
n-Butylbenzene
Concen: 16.930 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

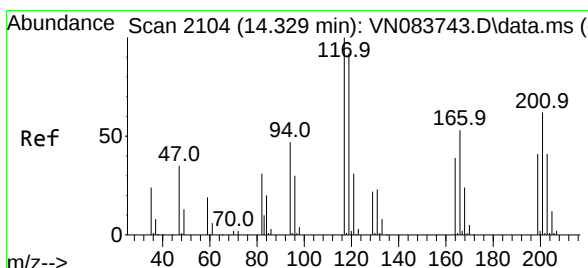
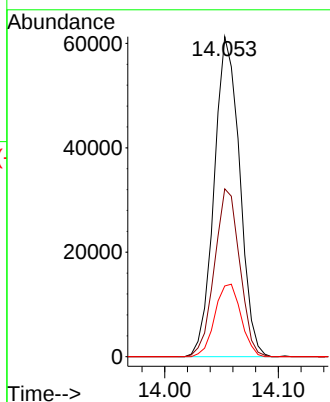
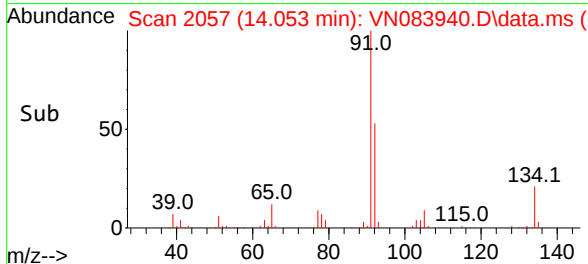
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



Tgt Ion: 91 Resp: 95550
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 23.2 12.2 36.4

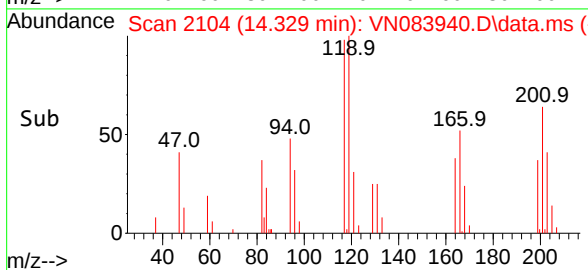
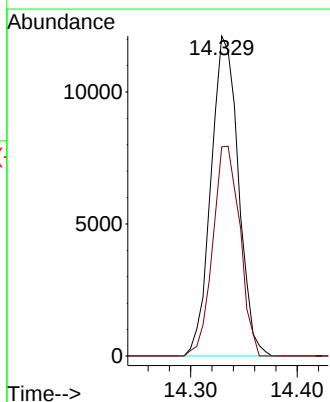
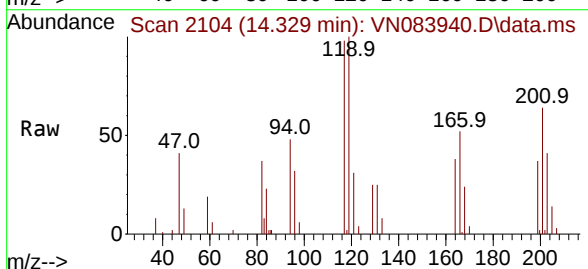
Manual Integrations
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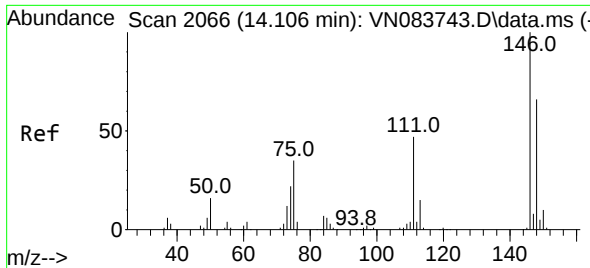
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#90
Hexachloroethane
Concen: 17.125 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Tgt Ion:117 Resp: 21640
Ion Ratio Lower Upper
117 100
201 64.8 32.8 98.3





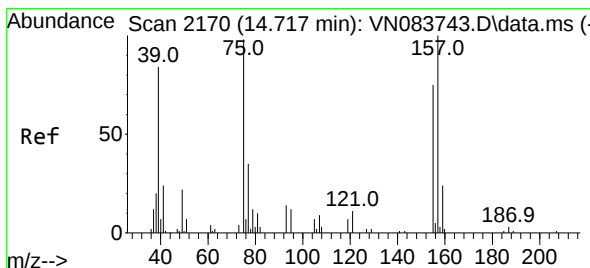
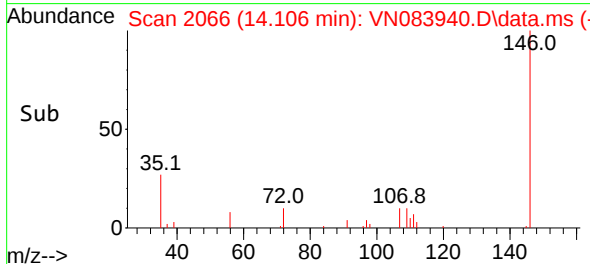
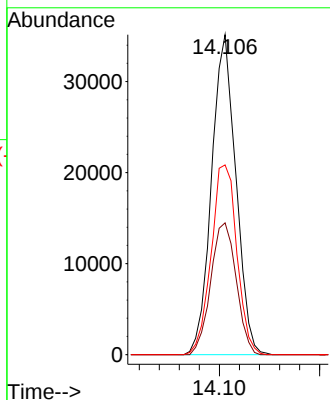
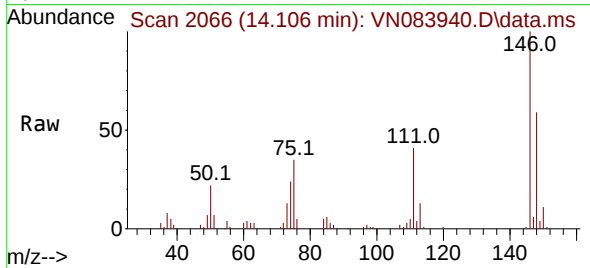
#91
1,2-Dichlorobenzene
Concen: 17.617 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01

Tgt Ion:146 Resp: 5921
Ion Ratio Lower Upper
146 100
111 43.2 22.8 68.3
148 62.6 32.1 96.5

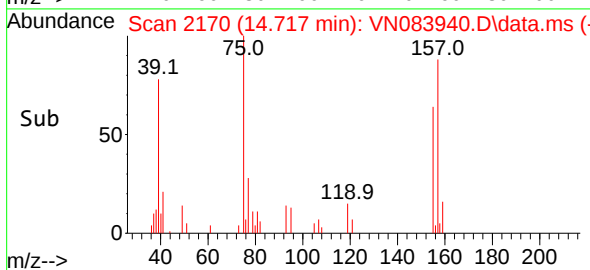
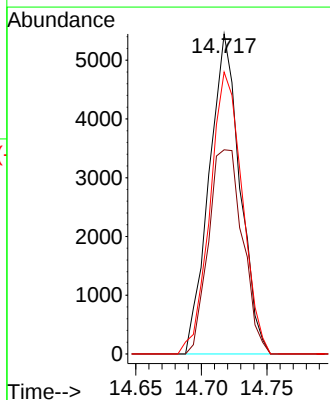
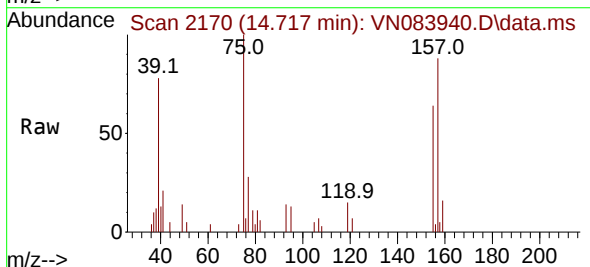
Manual Integrations
APPROVED

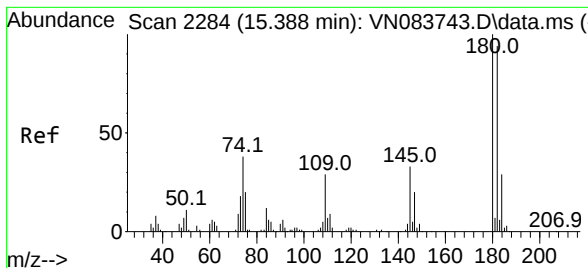
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.893 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

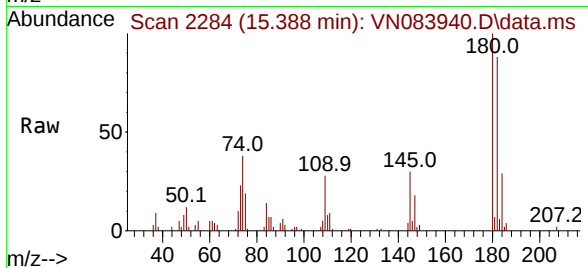
Tgt Ion: 75 Resp: 8932
Ion Ratio Lower Upper
75 100
155 70.6 35.9 107.7
157 91.5 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 15.400 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05

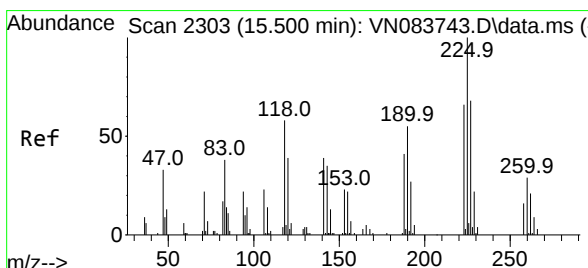
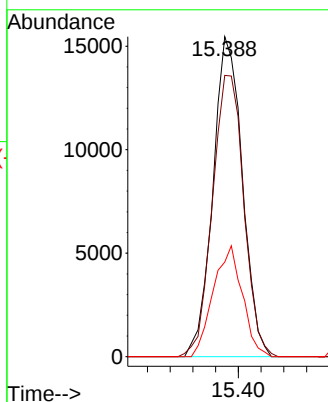
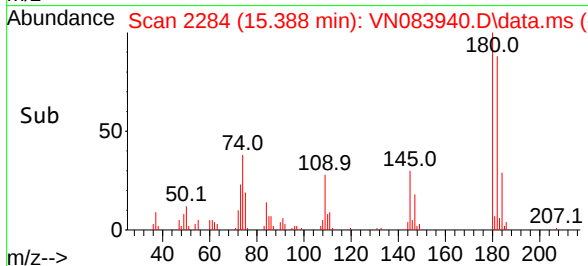
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD01



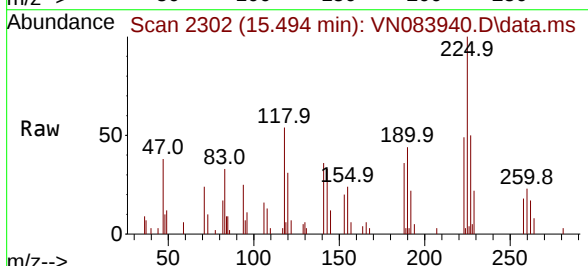
Tgt Ion:180 Resp: 27770
Ion Ratio Lower Upper
180 100
182 93.5 48.1 144.3
145 34.2 16.9 50.7

Manual Integrations
APPROVED

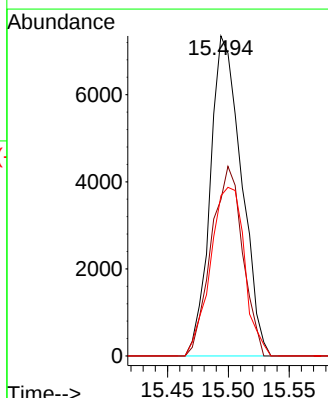
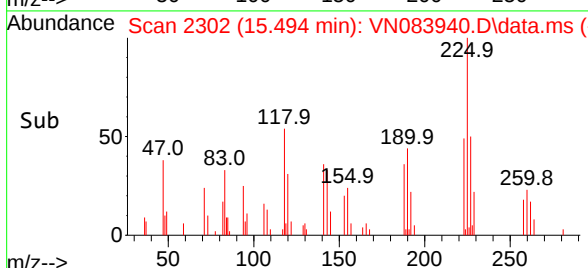
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

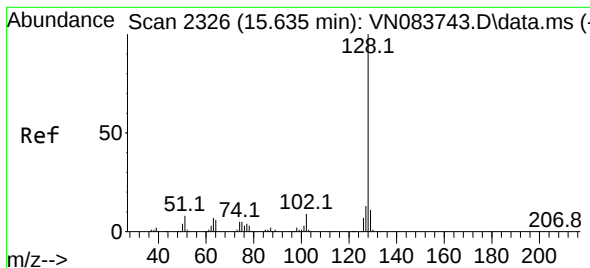


#94
Hexachlorobutadiene
Concen: 17.136 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN083940.D
Acq: 17 Sep 2024 13:05



Tgt Ion:225 Resp: 13125
Ion Ratio Lower Upper
225 100
223 59.7 31.9 95.5
227 57.4 32.0 96.2





#95

Naphthalene

Concen: 16.353 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD01

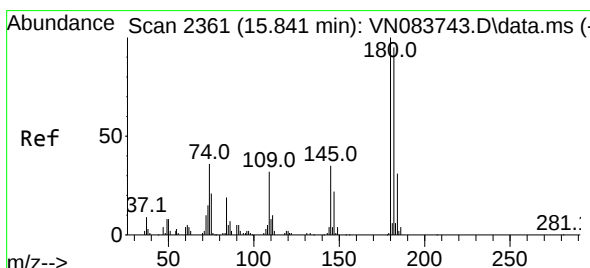
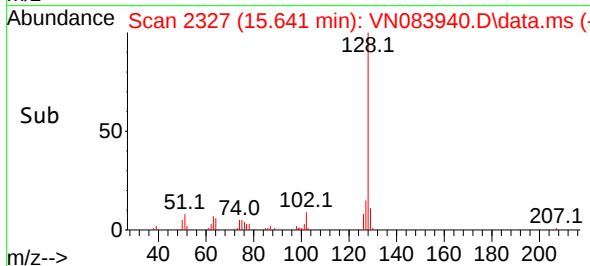
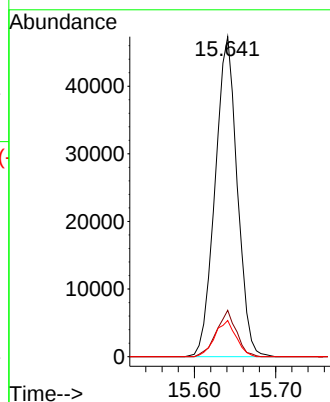
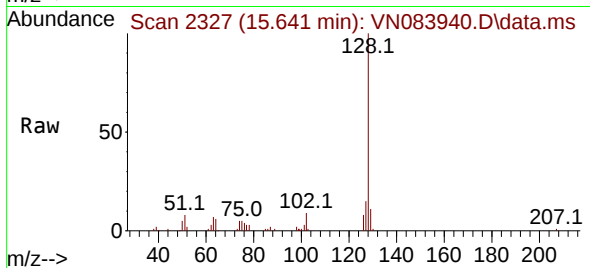
Tgt Ion:	128	Resp:	89734
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 15.934 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083940.D

Acq: 17 Sep 2024 13:05

Tgt Ion:	180	Resp:	27465
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.1	141.4
145	36.0	17.8	53.5

