

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083961.D
 Acq On : 18 Sep 2024 04:45
 Operator : JC\MD
 Sample : VN0917MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 05:44:52 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	134556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	236249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96247	47.438	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.880%		
35) Dibromofluoromethane	8.165	113	69381	45.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.740%		
50) Toluene-d8	10.565	98	245433	46.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.880%		
62) 4-Bromofluorobenzene	12.847	95	91840	42.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29286	18.741	ug/l	99
3) Chloromethane	2.359	50	30701	18.060	ug/l	99
4) Vinyl Chloride	2.518	62	31164	18.195	ug/l	97
5) Bromomethane	2.959	94	20420	20.764	ug/l	89
6) Chloroethane	3.124	64	21599	17.977	ug/l	94
7) Trichlorofluoromethane	3.501	101	55021	18.924	ug/l	98
8) Diethyl Ether	3.959	74	18164	18.638	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	29754	19.308	ug/l	98
10) Methyl Iodide	4.589	142	36980	18.868	ug/l	92
11) Tert butyl alcohol	5.518	59	31491	115.908	ug/l	97
12) 1,1-Dichloroethene	4.342	96	28056	19.278	ug/l	79
13) Acrolein	4.183	56	19281	71.926	ug/l	96
14) Allyl chloride	5.024	41	44748	17.256	ug/l	91
15) Acrylonitrile	5.718	53	78626	106.414	ug/l	99
16) Acetone	4.430	43	71367	87.745	ug/l	94
17) Carbon Disulfide	4.712	76	69692	17.119	ug/l	99
18) Methyl Acetate	5.024	43	40277	22.756	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	103968	19.742	ug/l	97
20) Methylene Chloride	5.277	84	32616	19.596	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	29184	18.711	ug/l	93
22) Diisopropyl ether	6.671	45	107196	20.080	ug/l	94
23) Vinyl Acetate	6.600	43	394686	100.960	ug/l	98
24) 1,1-Dichloroethane	6.565	63	59090	19.213	ug/l	97
25) 2-Butanone	7.483	43	108819	101.794	ug/l	100
26) 2,2-Dichloropropane	7.489	77	39397	13.910	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	36471	19.698	ug/l	99
28) Bromochloromethane	7.812	49	26506	20.465	ug/l	98
29) Tetrahydrofuran	7.841	42	70242	111.125	ug/l	96
30) Chloroform	7.971	83	64518	19.760	ug/l	95
31) Cyclohexane	8.259	56	49090	16.741	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	58391	19.449	ug/l	97
36) 1,1-Dichloropropene	8.371	75	41884	18.399	ug/l	99
37) Ethyl Acetate	7.559	43	46922	22.708	ug/l #	94
38) Carbon Tetrachloride	8.365	117	50318	19.483	ug/l	93
39) Methylcyclohexane	9.600	83	43331	16.723	ug/l	94
40) Benzene	8.606	78	131850	19.243	ug/l	97

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 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	7.771	41	25676	21.009	ug/l	99
42) 1,2-Dichloroethane	8.671	62	51333	20.050	ug/l	99
43) Isopropyl Acetate	8.683	43	81792	21.843	ug/l	100
44) Trichloroethene	9.347	130	31155	19.635	ug/l	97
45) 1,2-Dichloropropane	9.618	63	33147	20.016	ug/l	98
46) Dibromomethane	9.706	93	23811	20.528	ug/l	96
47) Bromodichloromethane	9.888	83	51236	20.410	ug/l	95
48) Methyl methacrylate	9.683	41	37489	21.102	ug/l	97
49) 1,4-Dioxane	9.694	88	12624	431.961	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	229359	112.525	ug/l	96
52) Toluene	10.630	92	82023	19.571	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	47932	18.837	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	50891	19.040	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	32287	20.635	ug/l	97
56) Ethyl methacrylate	10.871	69	50548	20.998	ug/l	96
57) 1,3-Dichloropropane	11.165	76	54638	20.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106418	122.688	ug/l	96
59) 2-Hexanone	11.194	43	162639	107.867	ug/l	98
60) Dibromochloromethane	11.359	129	35525	20.288	ug/l	98
61) 1,2-Dibromoethane	11.465	107	31620	20.264	ug/l	99
64) Tetrachloroethene	11.106	164	26365	18.846	ug/l	96
65) Chlorobenzene	11.888	112	85786	18.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	31676	19.543	ug/l	98
67) Ethyl Benzene	11.959	91	155381	18.708	ug/l	98
68) m/p-Xylenes	12.071	106	114588	37.162	ug/l	97
69) o-Xylene	12.400	106	55031	18.435	ug/l	98
70) Styrene	12.412	104	96399	19.677	ug/l	99
71) Bromoform	12.576	173	23051	21.105	ug/l #	99
73) Isopropylbenzene	12.694	105	148056	19.611	ug/l	100
74) N-amyl acetate	12.494	43	66938	20.781	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	44891	20.237	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38694m	19.651	ug/l	
77) Bromobenzene	12.976	156	34635	19.058	ug/l	97
78) n-propylbenzene	13.035	91	168490	19.181	ug/l	100
79) 2-Chlorotoluene	13.123	91	109961	19.629	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	122418	19.233	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	13505	17.963	ug/l	94
82) 4-Chlorotoluene	13.218	91	106923	19.019	ug/l	99
83) tert-Butylbenzene	13.435	119	106171	19.065	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	123339	19.290	ug/l	99
85) sec-Butylbenzene	13.612	105	142894	19.348	ug/l	99
86) p-Isopropyltoluene	13.729	119	116977	18.895	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	60962	17.775	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63269	18.218	ug/l	98
89) n-Butylbenzene	14.053	91	97479	17.537	ug/l	100
90) Hexachloroethane	14.329	117	23537	18.913	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	61524	18.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8893	20.111	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	29506	16.612	ug/l	98
94) Hexachlorobutadiene	15.500	225	13084	17.345	ug/l	96
95) Naphthalene	15.641	128	97196	17.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29968	17.654	ug/l	96

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

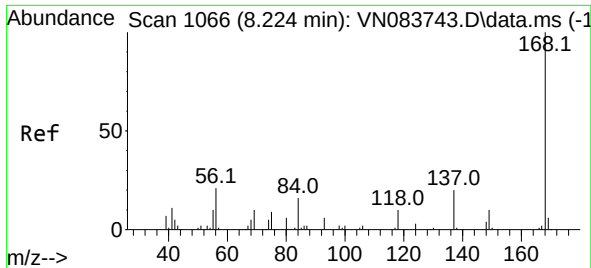
Manual Integrations
APPROVED

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

Quant Time: Sep 18 05:44:52 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

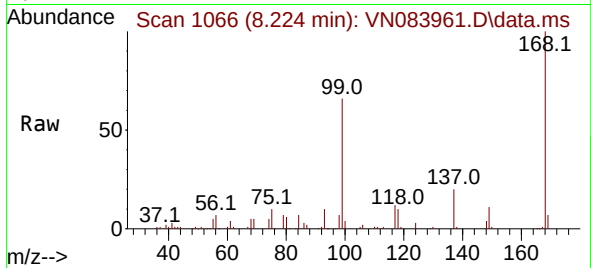
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083961.D
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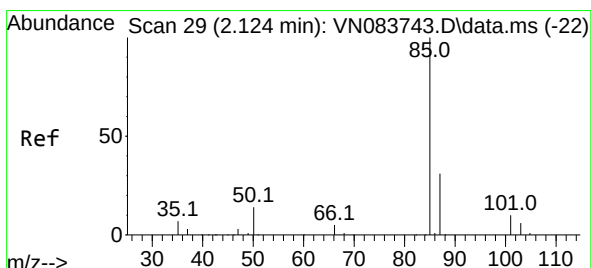
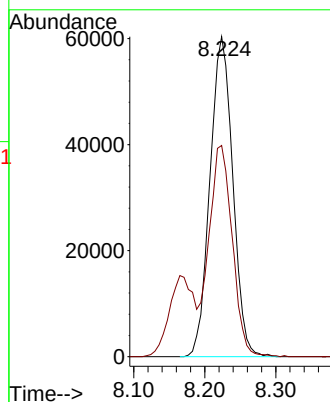
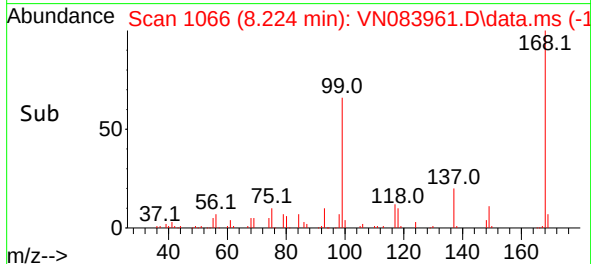
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



Tgt Ion:168 Resp: 134550
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2

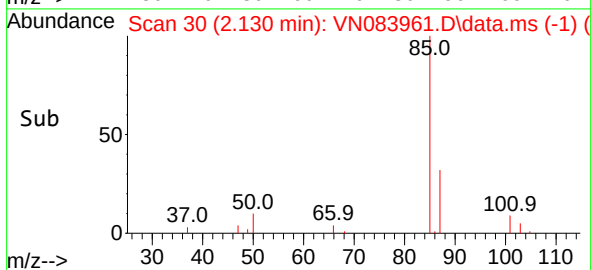
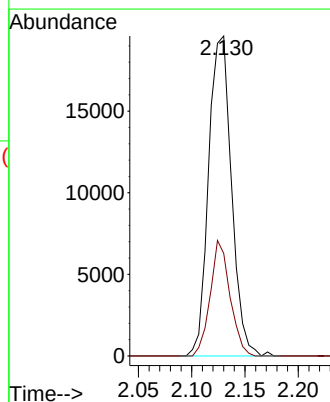
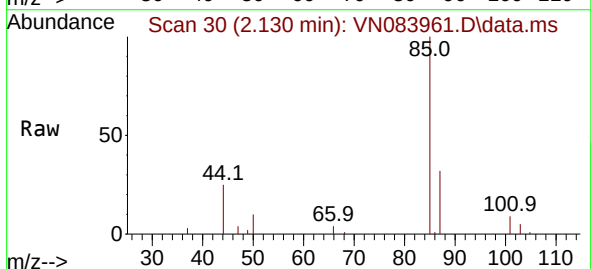
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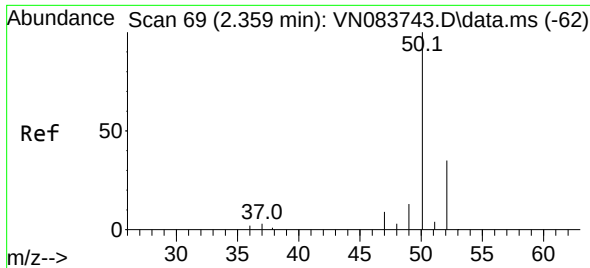
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#2
Dichlorodifluoromethane
Concen: 18.741 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 85 Resp: 29286
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





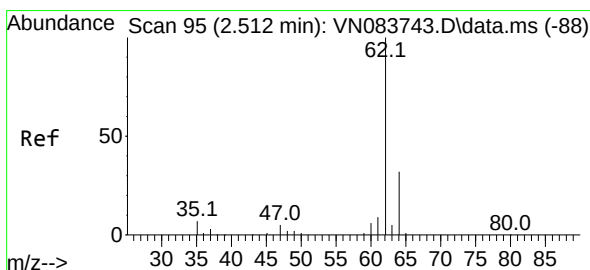
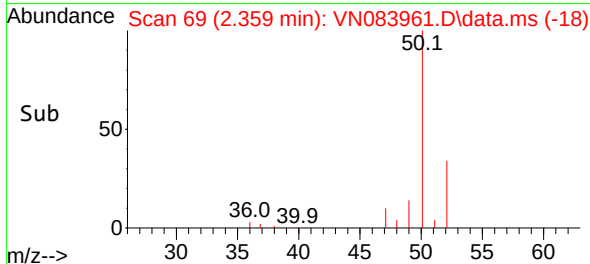
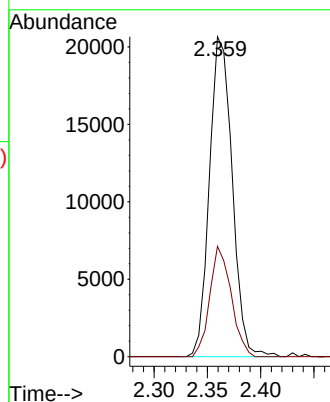
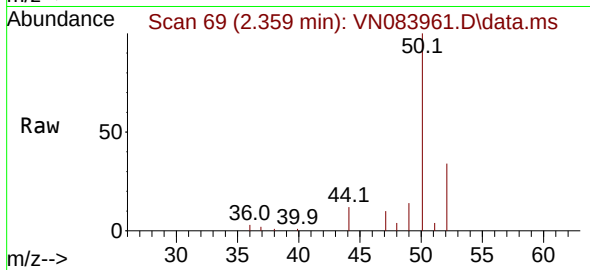
#3
Chloromethane
Concen: 18.060 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

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Tgt Ion: 50 Resp: 3070
Ion Ratio Lower Upper
50 100
52 34.5 27.2 40.8

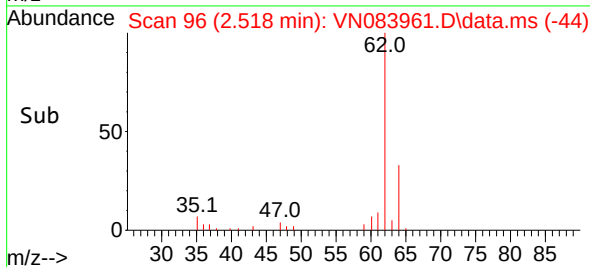
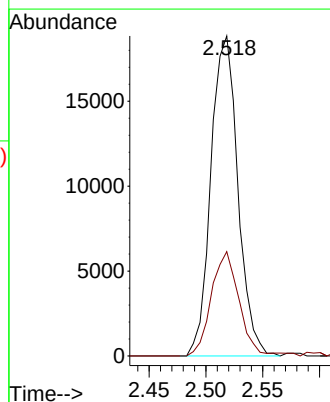
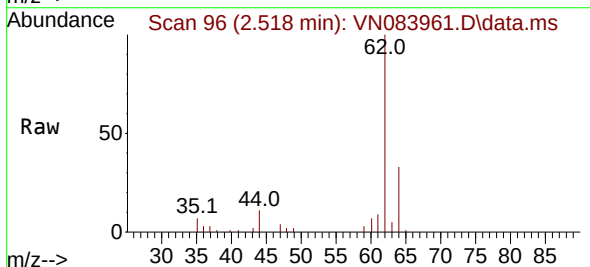
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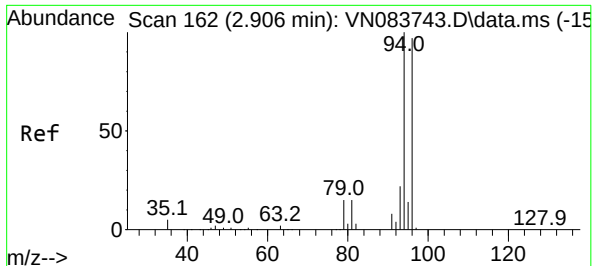
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#4
Vinyl Chloride
Concen: 18.195 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 62 Resp: 31164
Ion Ratio Lower Upper
62 100
64 32.6 24.7 37.1





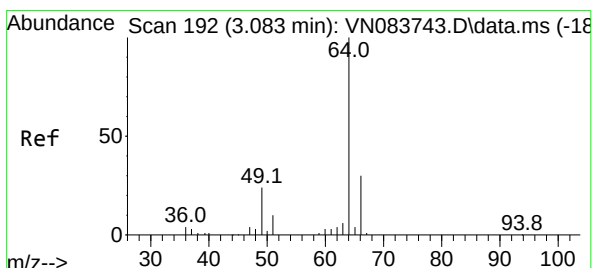
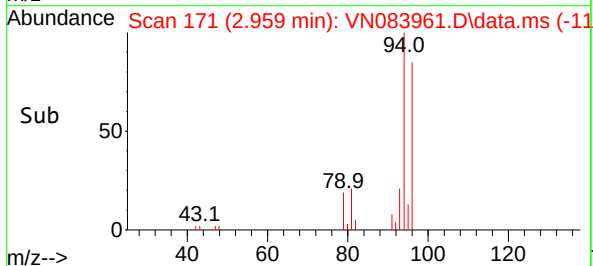
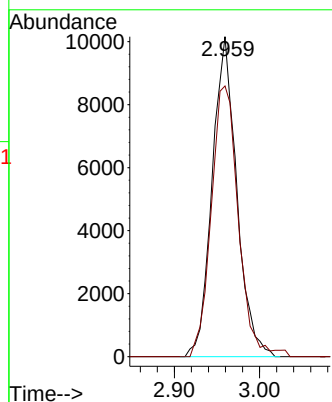
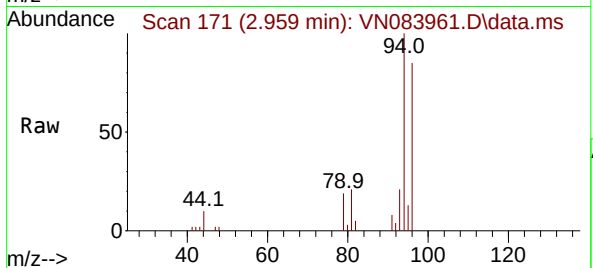
#5
Bromomethane
Concen: 20.764 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 20420
Ion Ratio Lower Upper
94 100
96 84.6 76.0 114.0

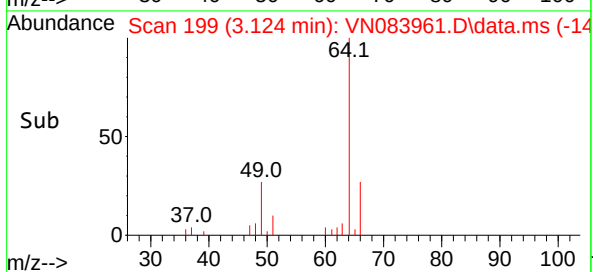
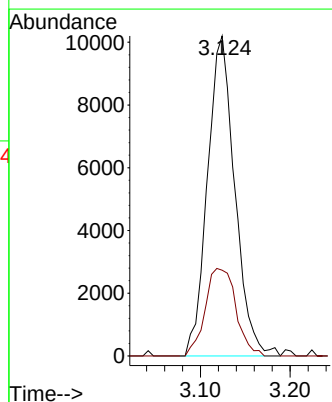
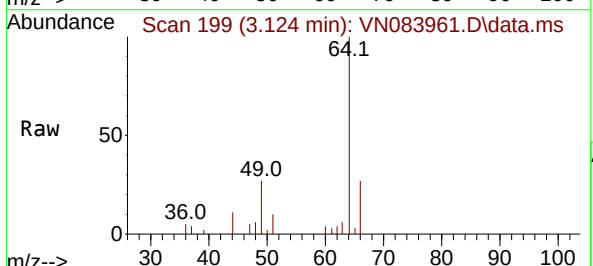
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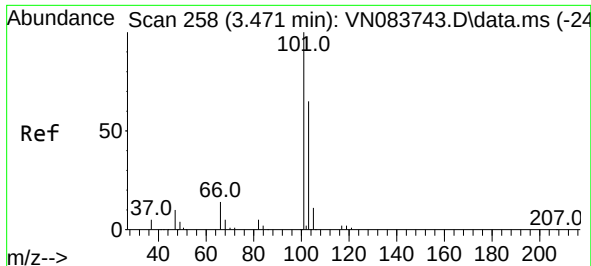
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#6
Chloroethane
Concen: 17.977 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 64 Resp: 21599
Ion Ratio Lower Upper
64 100
66 26.8 23.9 35.9





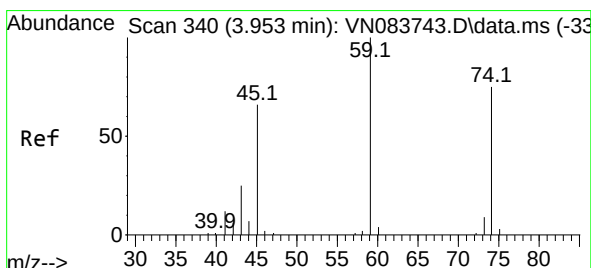
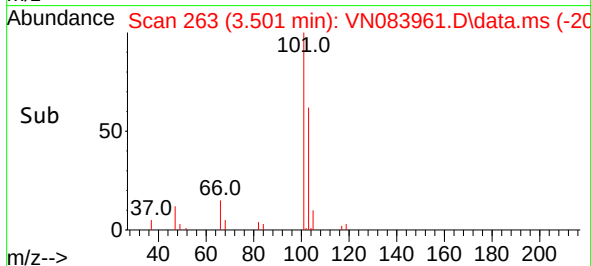
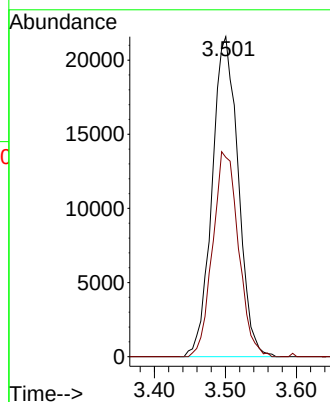
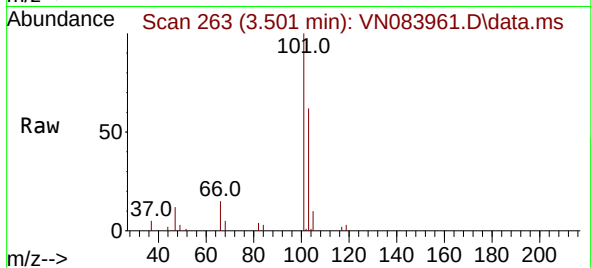
#7
Trichlorofluoromethane
Concen: 18.924 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion:101 Resp: 5502
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.0

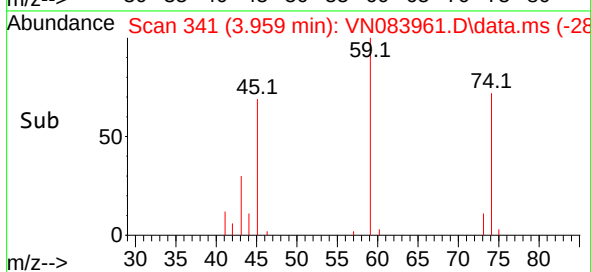
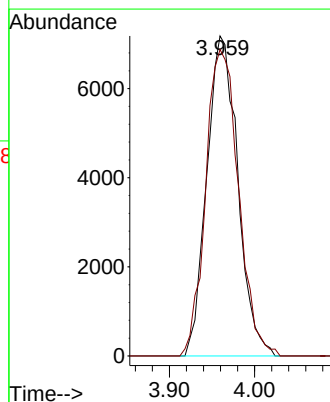
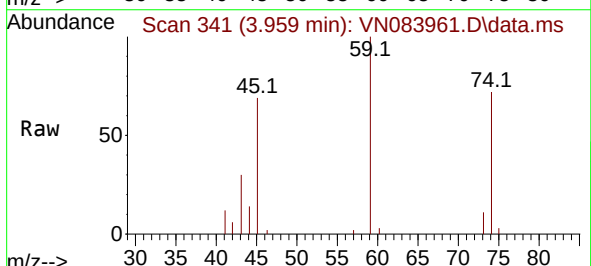
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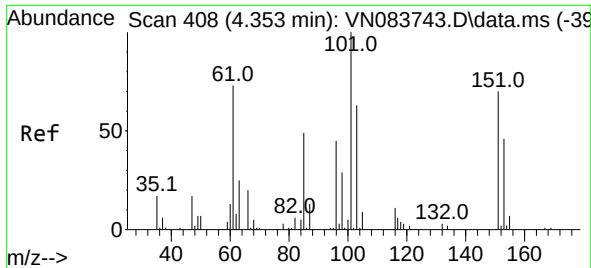
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#8
Diethyl Ether
Concen: 18.638 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 74 Resp: 18164
Ion Ratio Lower Upper
74 100
45 101.3 46.7 140.1





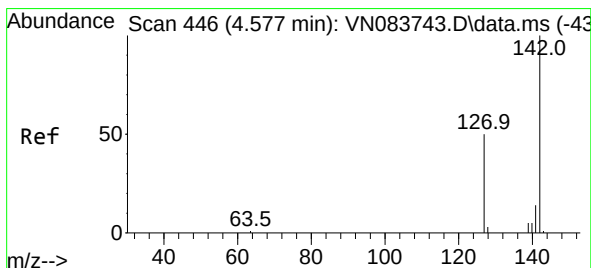
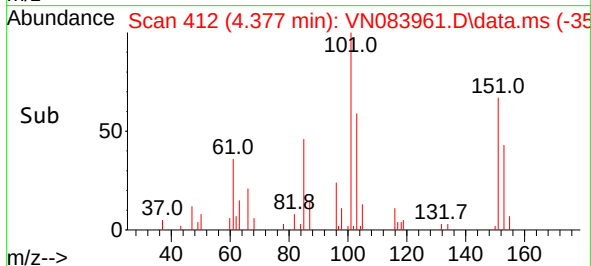
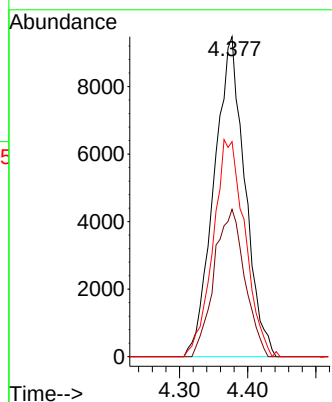
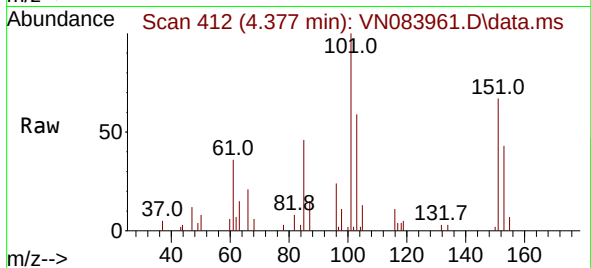
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.308 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion:101 Resp: 29754
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 70.2 57.7 86.5

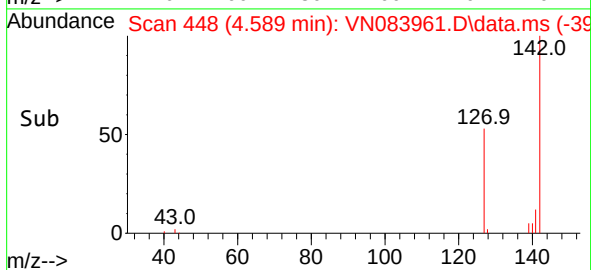
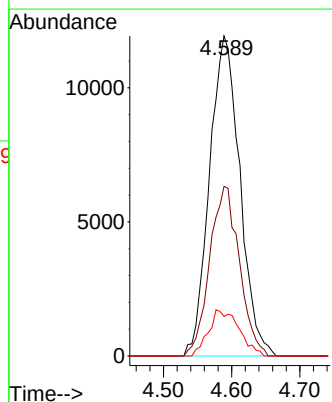
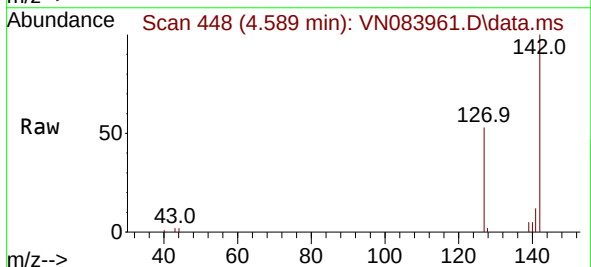
Manual Integrations
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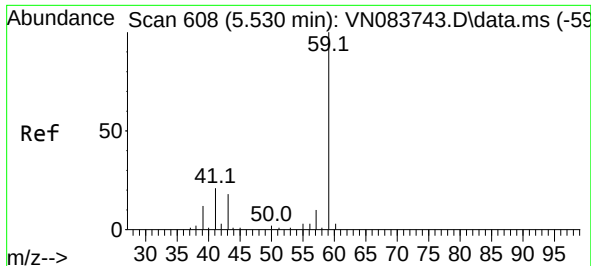
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#10
Methyl Iodide
Concen: 18.868 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:142 Resp: 36980
Ion Ratio Lower Upper
142 100
127 53.0 37.5 56.3
141 12.4 11.0 16.4





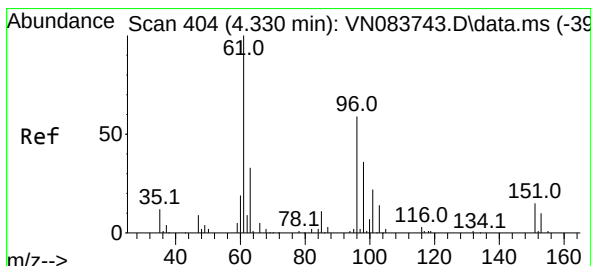
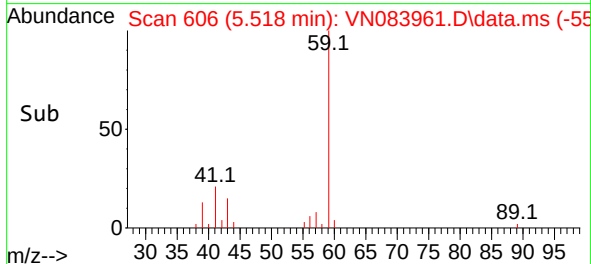
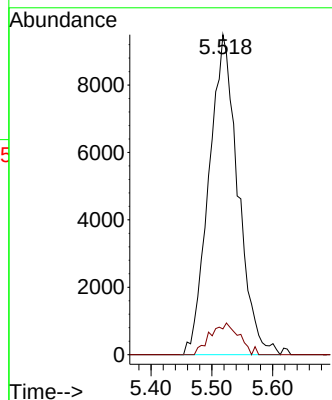
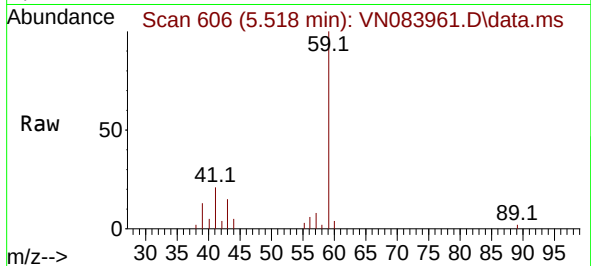
#11
Tert butyl alcohol
Concen: 115.908 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion: 59 Resp: 3149
Ion Ratio Lower Upper
59 100
57 9.8 8.7 13.1

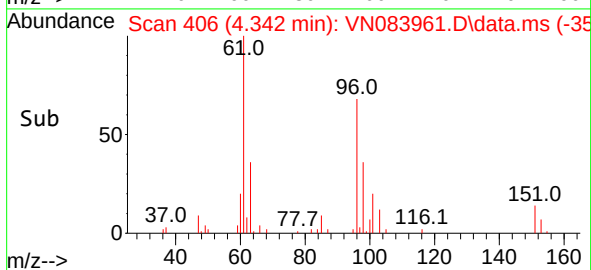
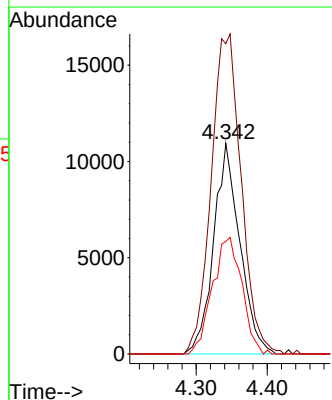
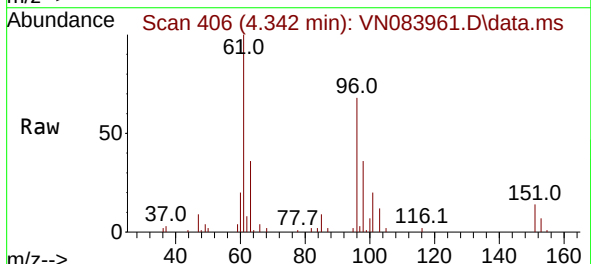
Manual Integrations
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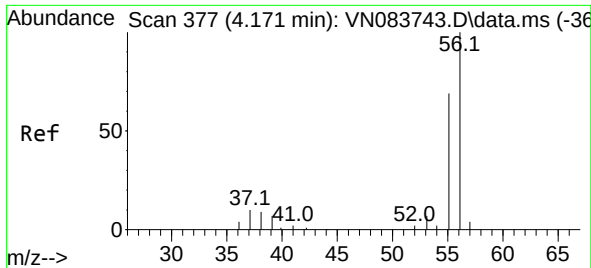
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#12
1,1-Dichloroethene
Concen: 19.278 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 96 Resp: 28056
Ion Ratio Lower Upper
96 100
61 147.4 143.4 215.0
98 53.4 52.7 79.1





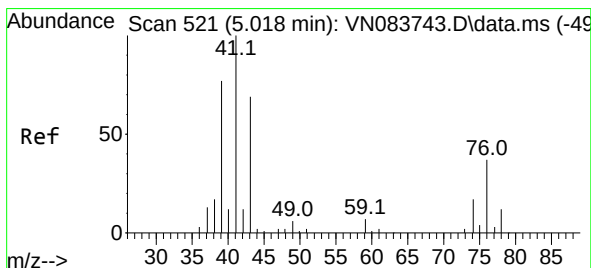
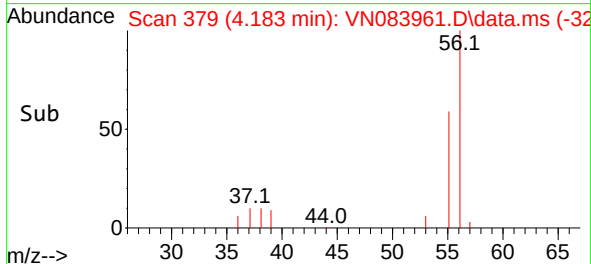
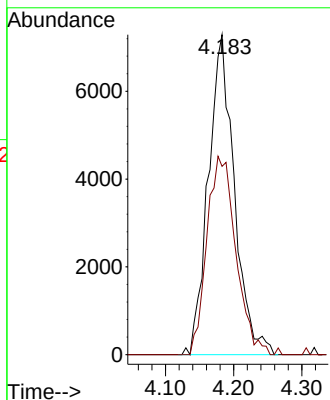
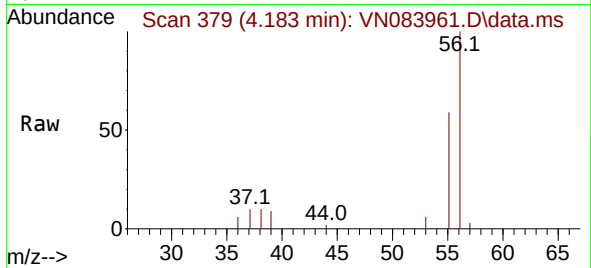
#13
Acrolein
Concen: 71.926 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion: 56 Resp: 1928
Ion Ratio Lower Upper
56 100
55 69.3 58.2 87.2

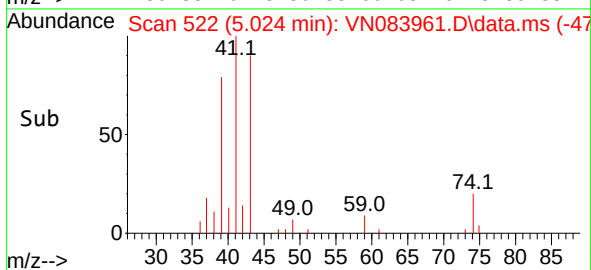
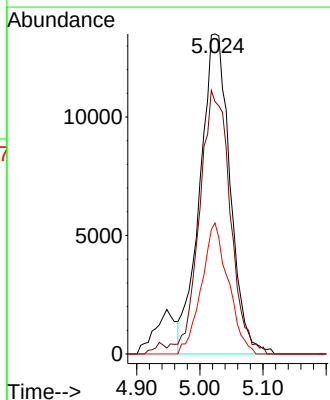
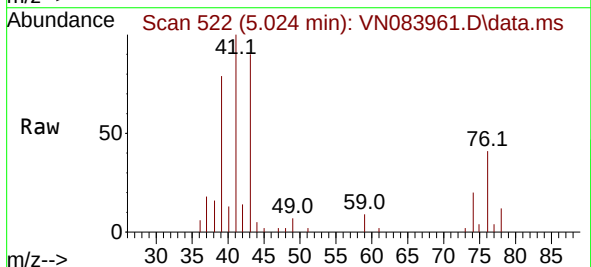
Manual Integrations
APPROVED

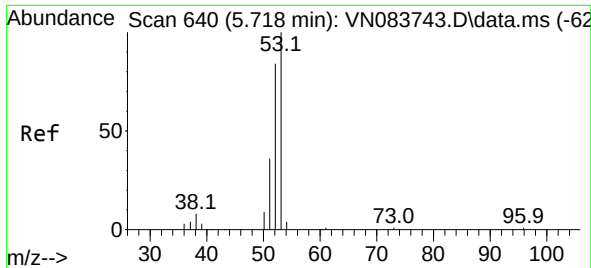
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#14
Allyl chloride
Concen: 17.256 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

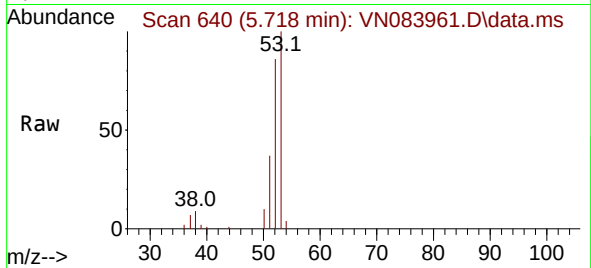
Tgt Ion: 41 Resp: 44748
Ion Ratio Lower Upper
41 100
39 84.0 59.3 88.9
76 36.5 27.7 41.5





#15
Acrylonitrile
Concen: 106.414 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

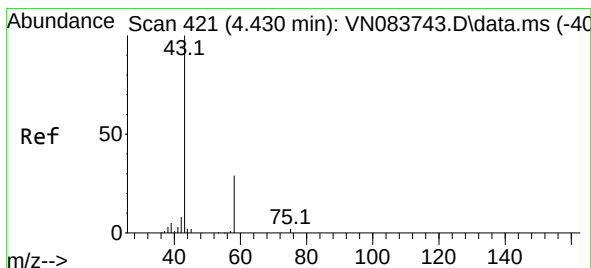
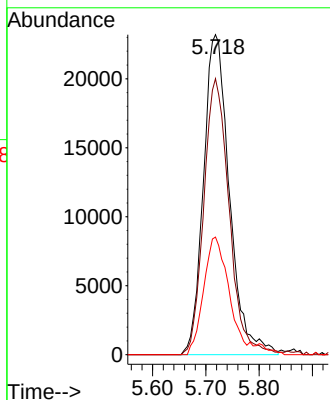
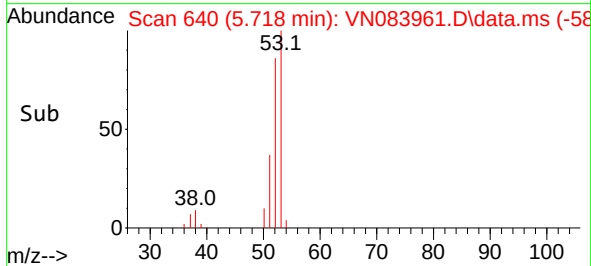
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01



Tgt Ion: 53 Resp: 78620
Ion Ratio Lower Upper
53 100
52 84.1 66.1 99.1
51 36.3 29.6 44.4

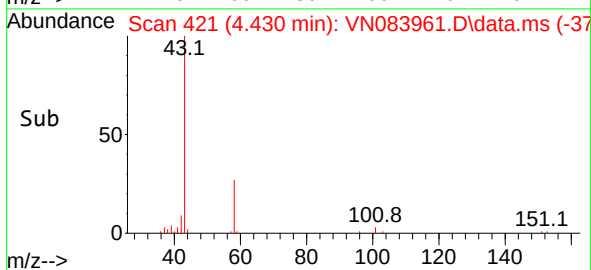
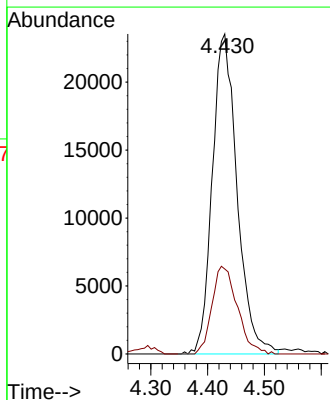
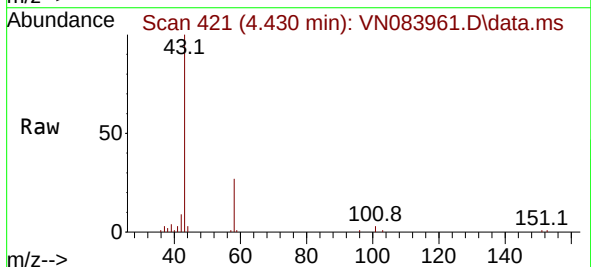
Manual Integrations
APPROVED

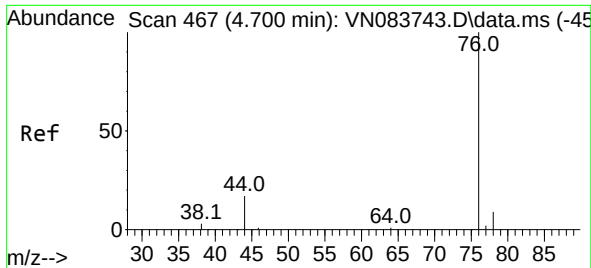
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#16
Acetone
Concen: 87.745 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 43 Resp: 71367
Ion Ratio Lower Upper
43 100
58 26.5 23.7 35.5





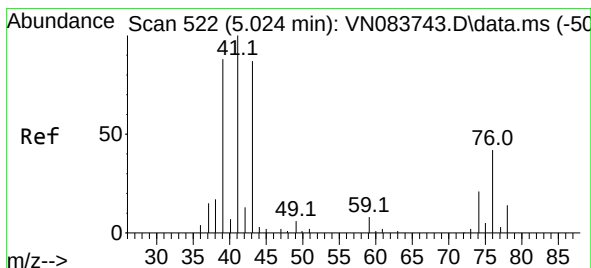
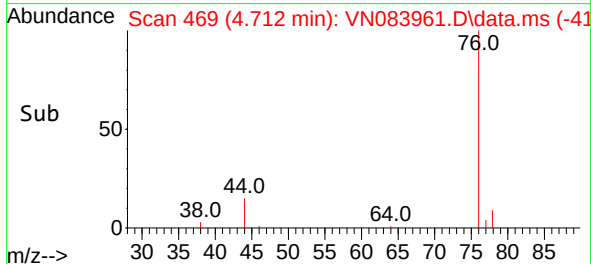
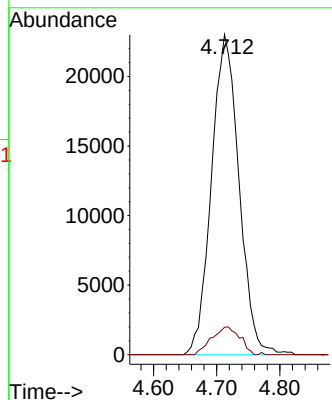
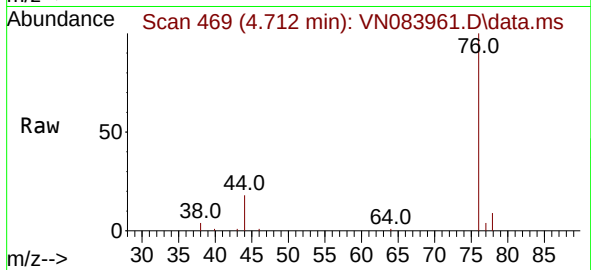
#17
Carbon Disulfide
Concen: 17.119 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion: 76 Resp: 6969
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

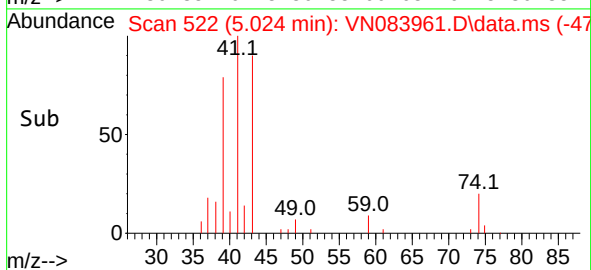
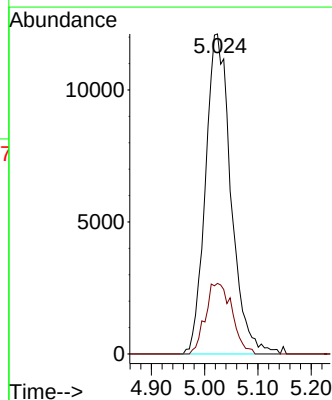
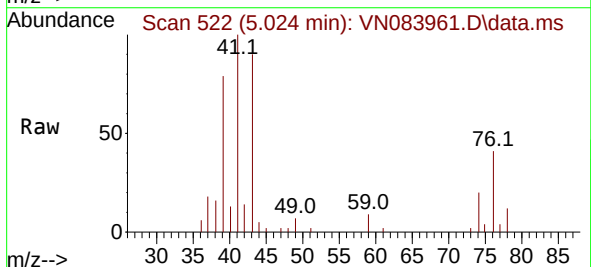
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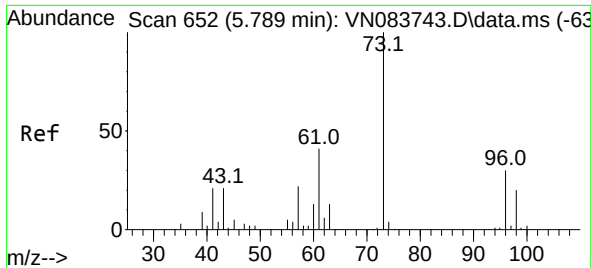
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#18
Methyl Acetate
Concen: 22.756 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 43 Resp: 40277
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.4





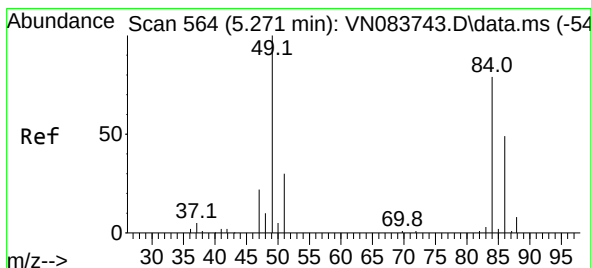
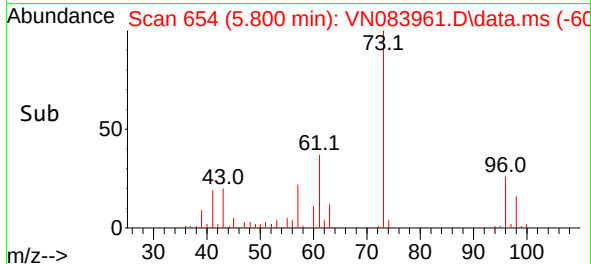
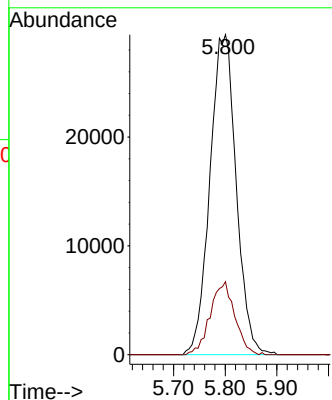
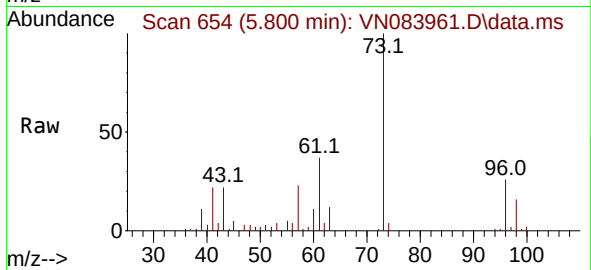
#19
Methyl tert-butyl Ether
Concen: 19.742 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion: 73 Resp: 10396
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.6

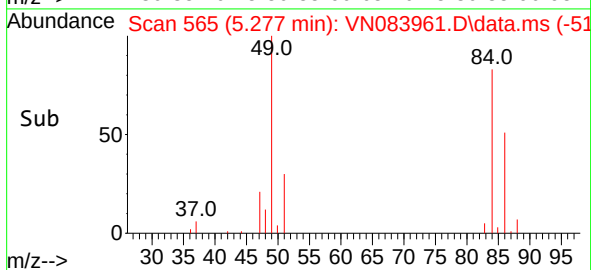
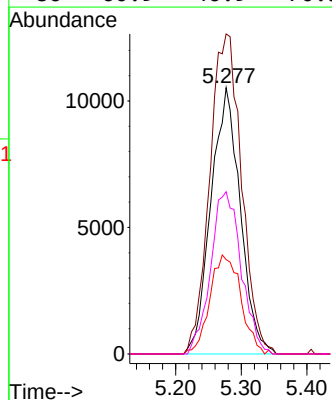
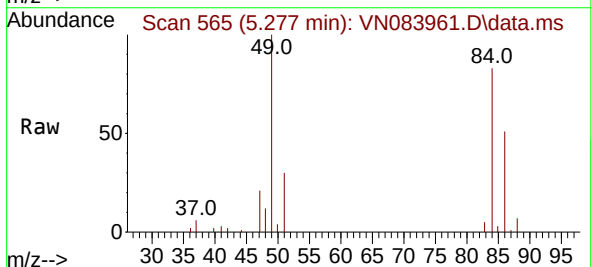
Manual Integrations
APPROVED

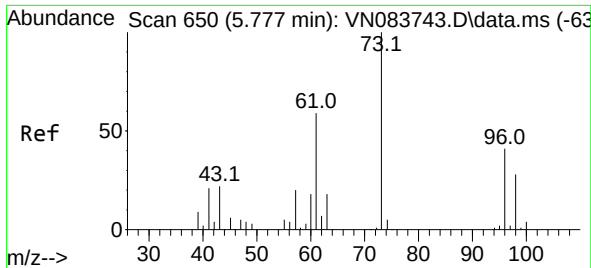
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#20
Methylene Chloride
Concen: 19.596 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 84 Resp: 32616
Ion Ratio Lower Upper
84 100
49 120.2 93.4 140.0
51 35.5 29.2 43.8
86 60.9 46.9 70.3





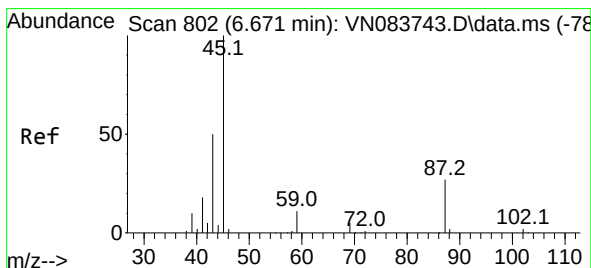
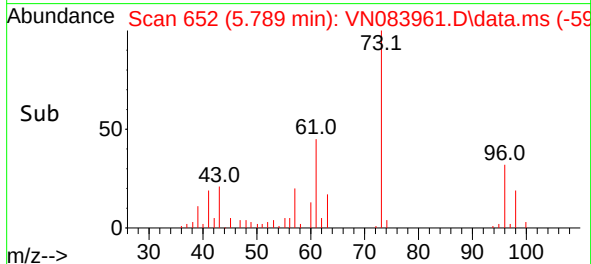
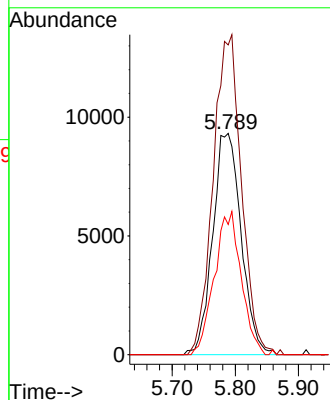
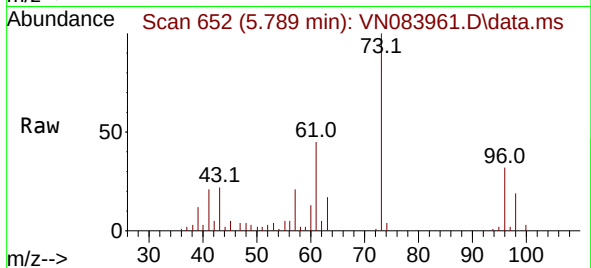
#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion: 96 Resp: 29184
Ion Ratio Lower Upper
96 100
61 140.0 106.0 159.0
98 58.9 52.2 78.2

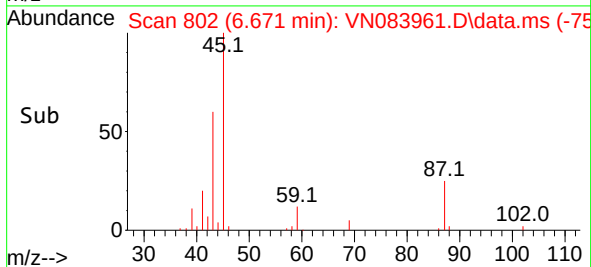
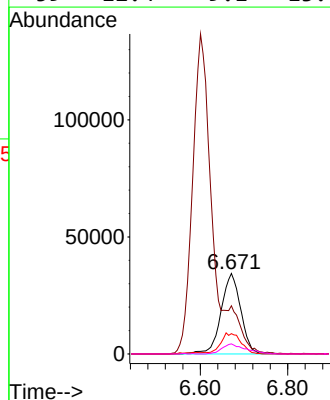
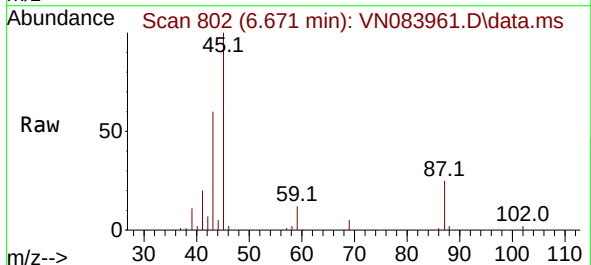
Manual Integrations
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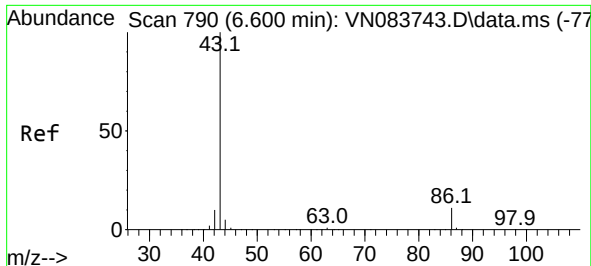
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#22
Diisopropyl ether
Concen: 20.080 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 45 Resp: 107196
Ion Ratio Lower Upper
45 100
43 58.9 43.4 65.0
87 25.2 22.6 33.8
59 12.4 9.1 13.7





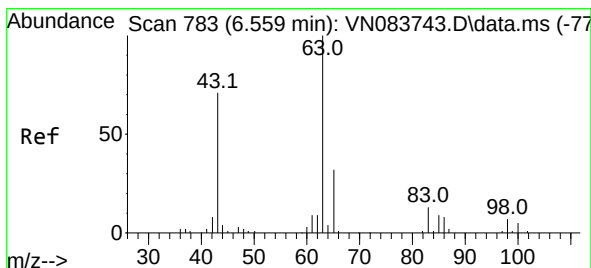
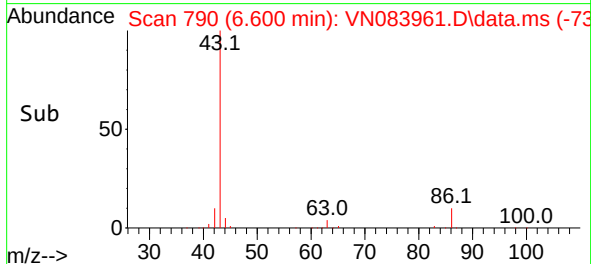
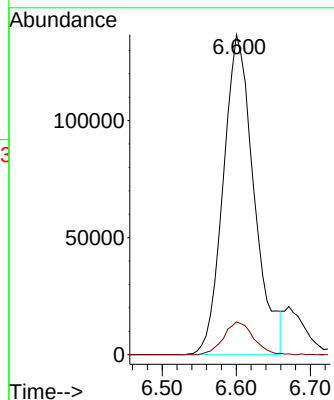
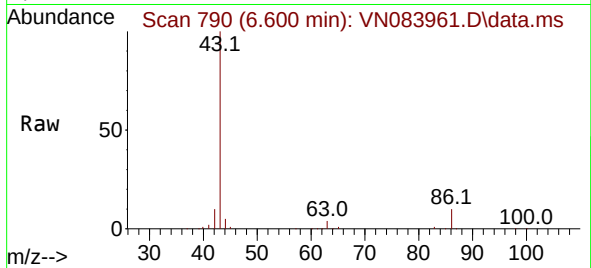
#23
 Vinyl Acetate
 Concen: 100.960 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083961.D
 Acq: 18 Sep 2024 04:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Tgt Ion: 43 Resp: 394680
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

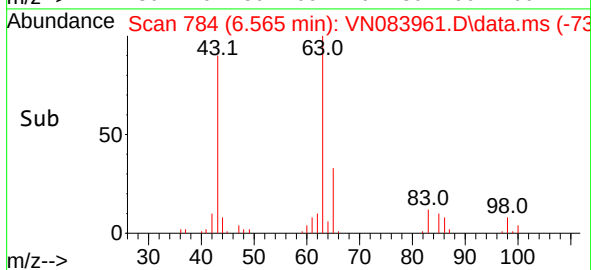
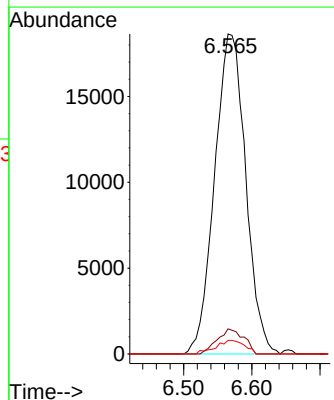
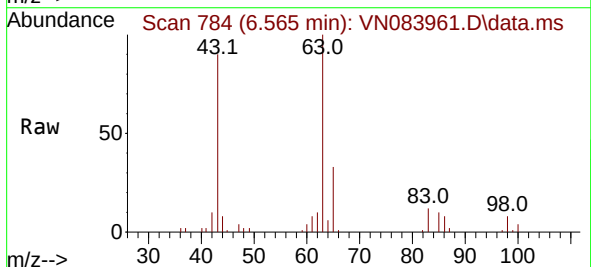
Manual Integrations
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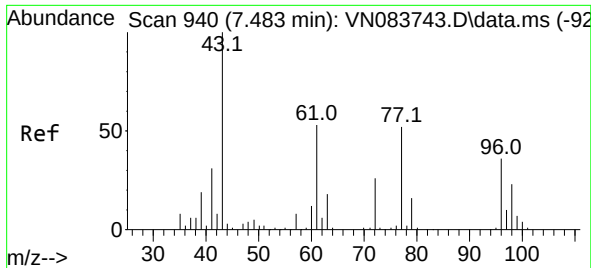
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#24
 1,1-Dichloroethane
 Concen: 19.213 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083961.D
 Acq: 18 Sep 2024 04:45

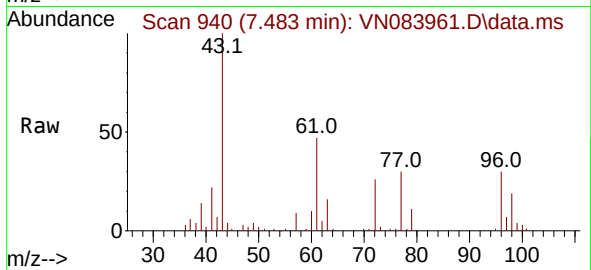
Tgt Ion: 63 Resp: 59090
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.2 2.5 7.5





#25
2-Butanone
Concen: 101.794 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

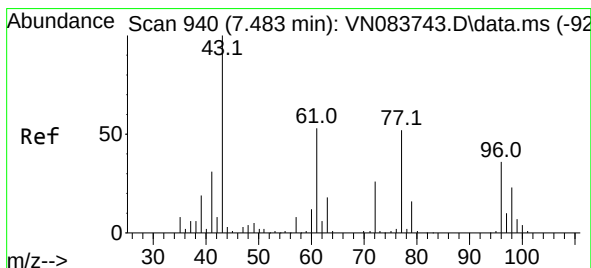
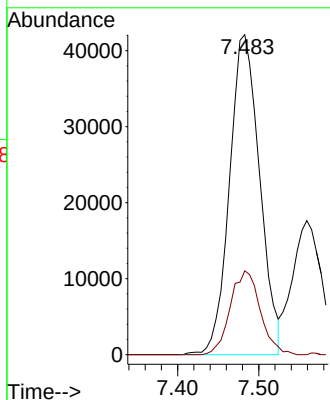
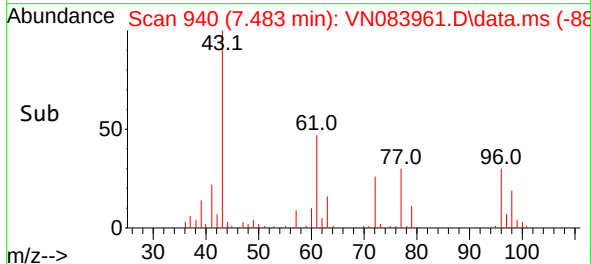
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



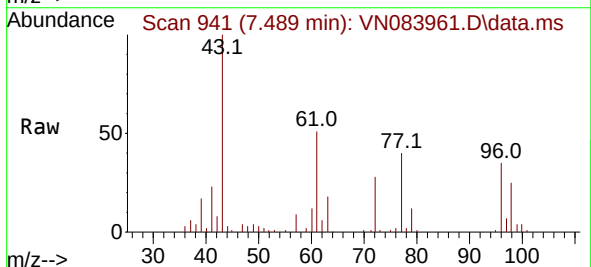
Tgt Ion: 43 Resp: 108819
Ion Ratio Lower Upper
43 100
72 26.2 20.8 31.2

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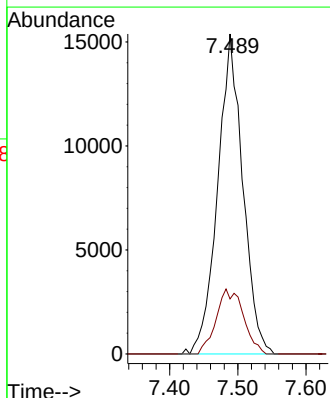
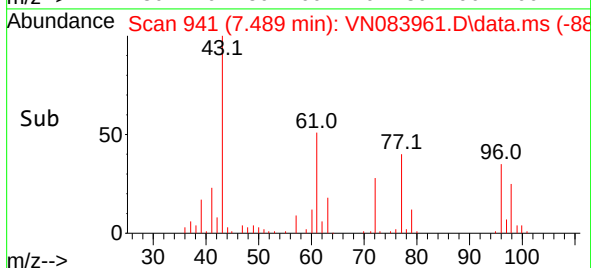
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

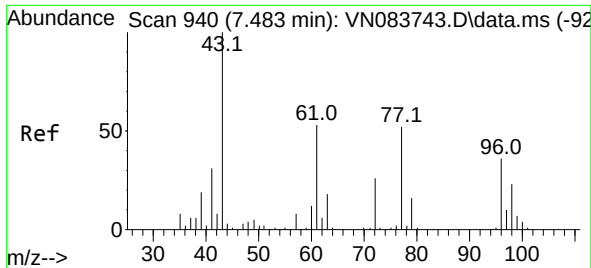


#26
2,2-Dichloropropane
Concen: 13.910 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



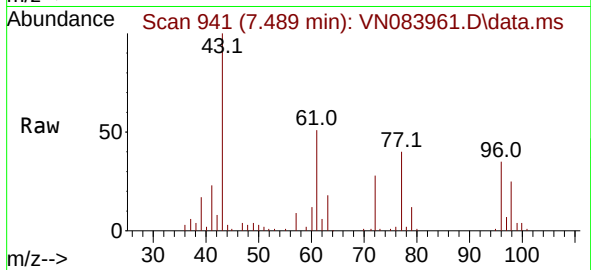
Tgt Ion: 77 Resp: 39397
Ion Ratio Lower Upper
77 100
97 22.1 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.698 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083961.D
 Acq: 18 Sep 2024 04:45

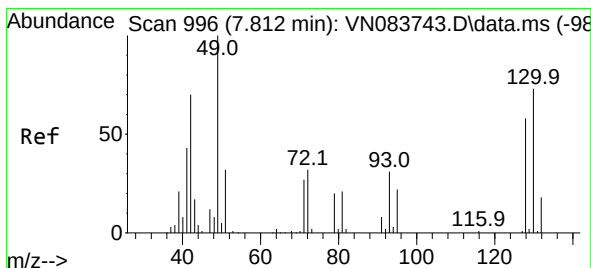
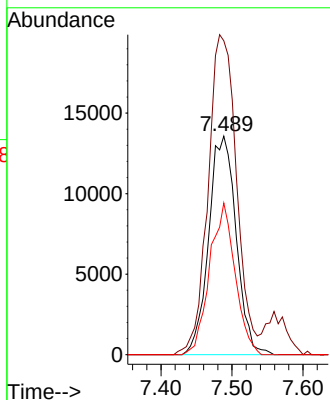
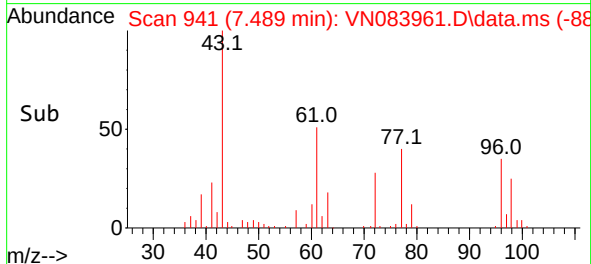
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01



Tgt Ion: 96 Resp: 3647
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 306.2
 98 64.3 0.0 128.6

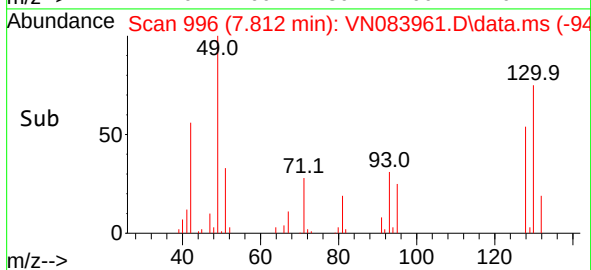
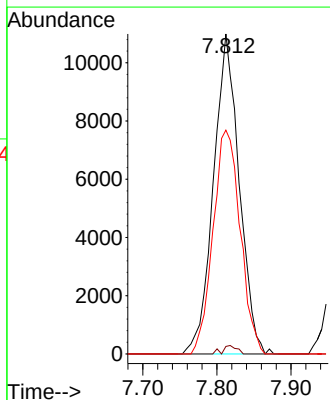
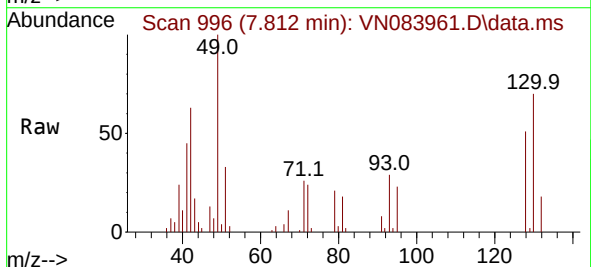
Manual Integrations
 APPROVED

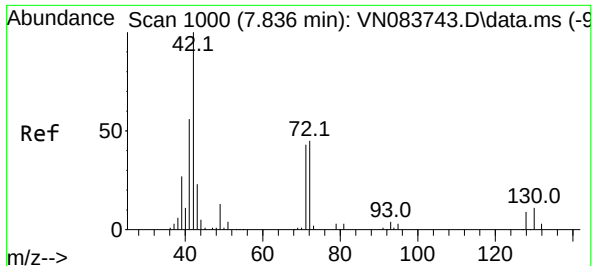
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#28
 Bromochloromethane
 Concen: 20.465 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083961.D
 Acq: 18 Sep 2024 04:45

Tgt Ion: 49 Resp: 26506
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 73.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 111.125 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBSD01

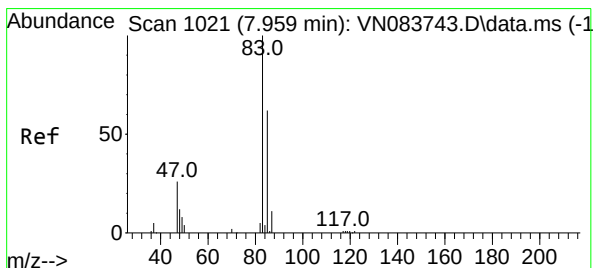
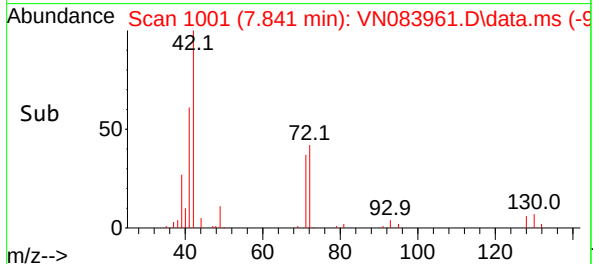
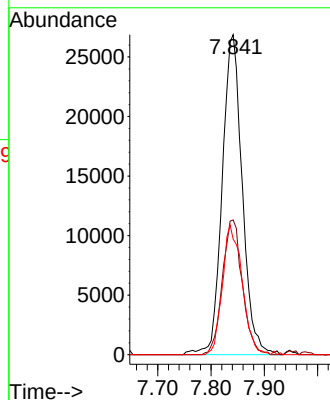
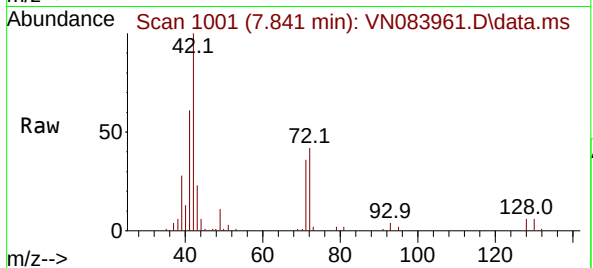
Tgt Ion:	42	Resp:	7024
Ion	Ratio	Lower	Upper
42	100		
72	41.8	35.9	53.9
71	39.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#30

Chloroform

Concen: 19.760 ug/l

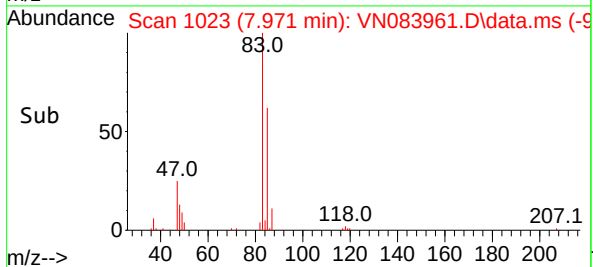
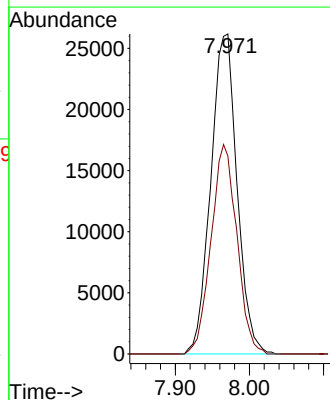
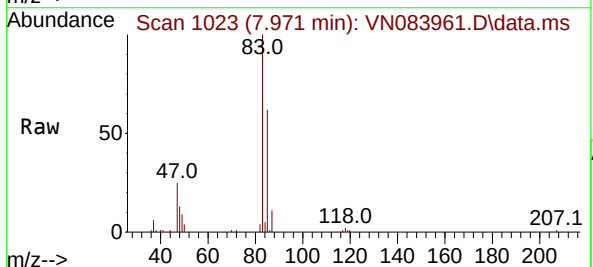
RT: 7.971 min Scan# 1023

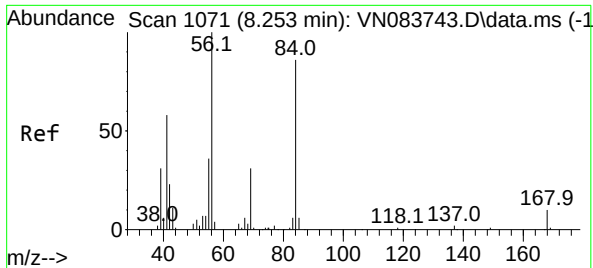
Delta R.T. 0.012 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

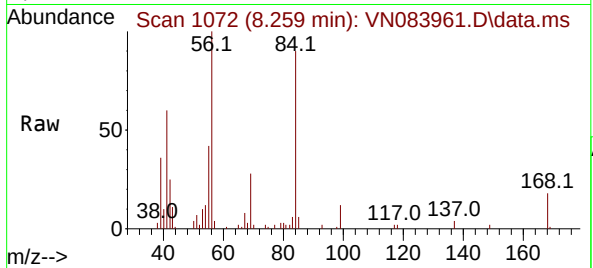
Tgt Ion:	83	Resp:	64518
Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.8	79.2





#31
Cyclohexane
Concen: 16.741 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

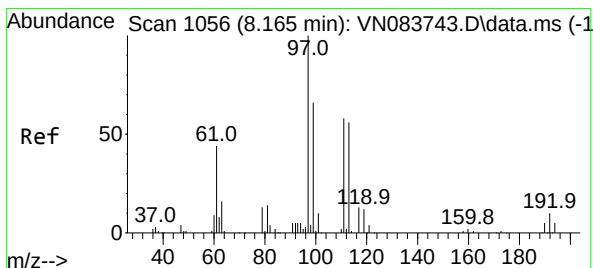
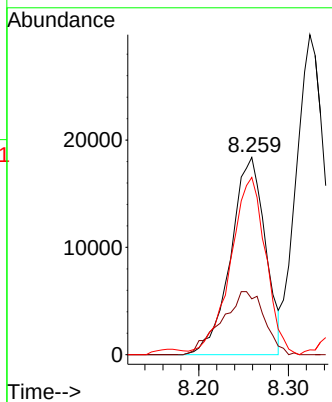
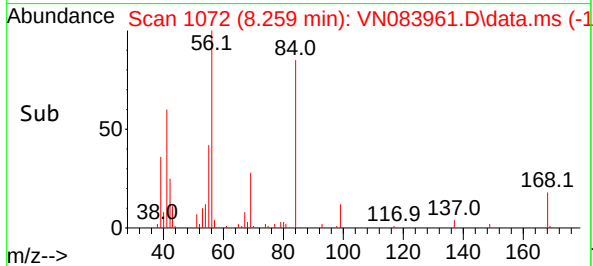
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01



Tgt Ion: 56 Resp: 49090
Ion Ratio Lower Upper
56 100
69 28.3 26.9 40.3
84 87.5 69.2 103.8

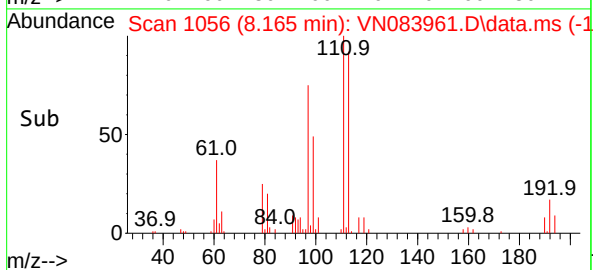
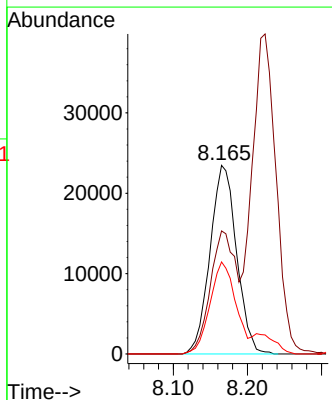
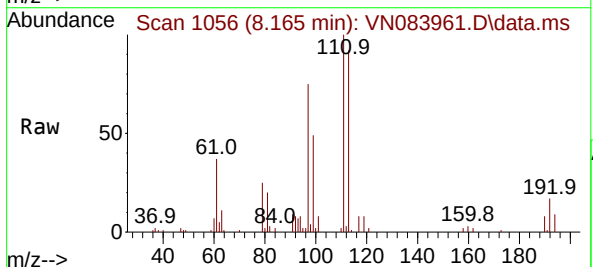
Manual Integrations
APPROVED

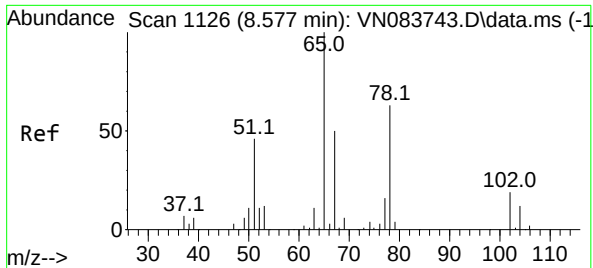
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#32
1,1,1-Trichloroethane
Concen: 19.449 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 97 Resp: 58391
Ion Ratio Lower Upper
97 100
99 62.1 52.3 78.5
61 48.6 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 47.438 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

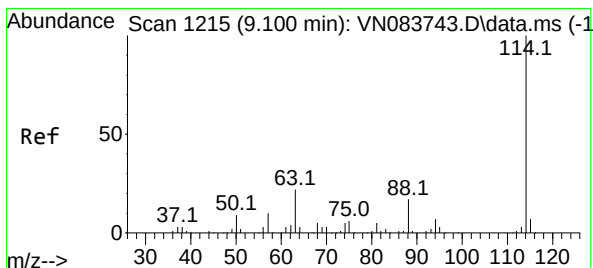
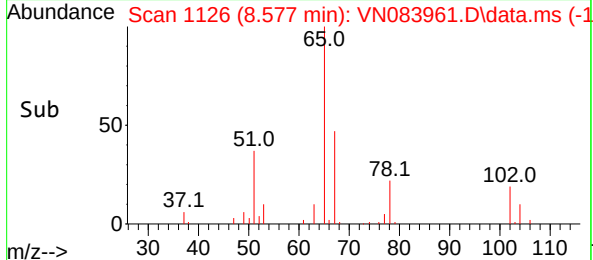
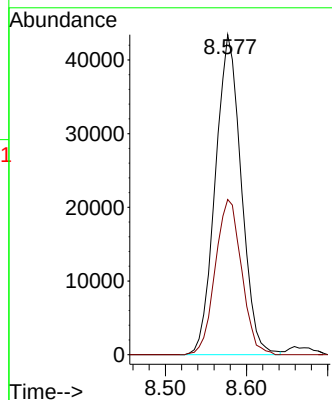
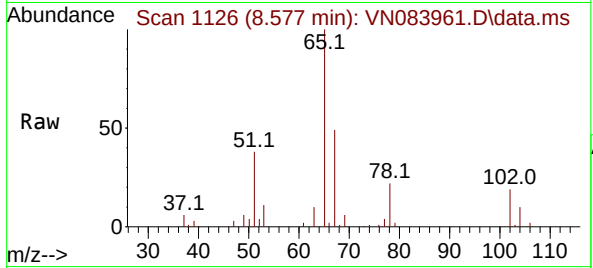
VN0917MBSD01

Tgt Ion: 65 Resp: 9624
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8

Manual Integrations

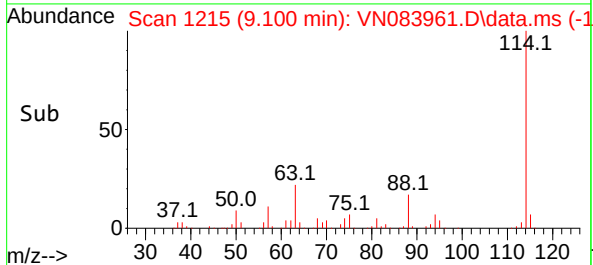
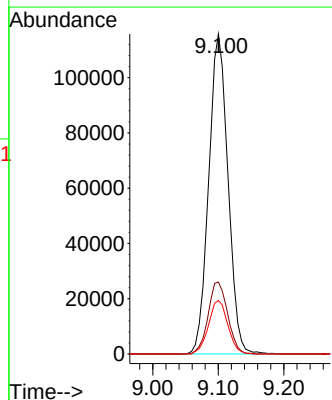
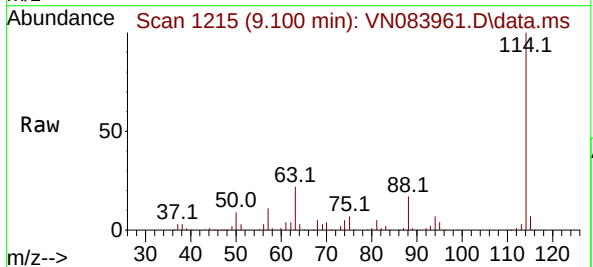
APPROVED

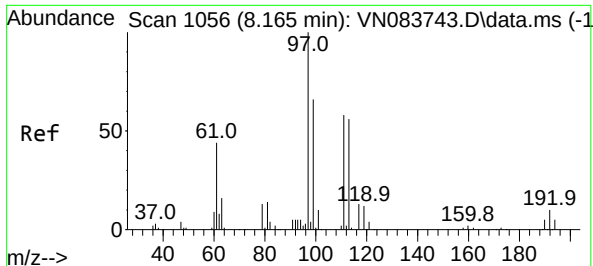
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

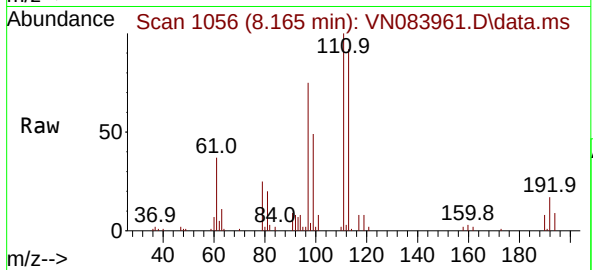
Tgt Ion:114 Resp: 236249
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.874 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

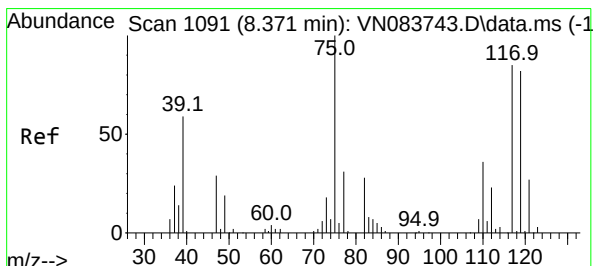
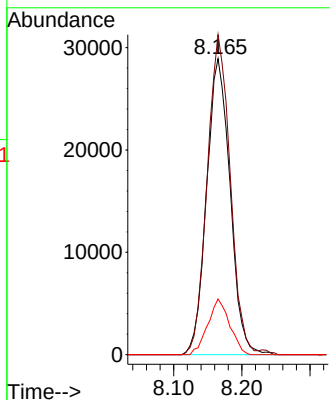
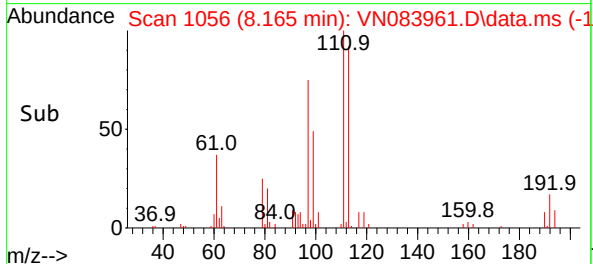
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01



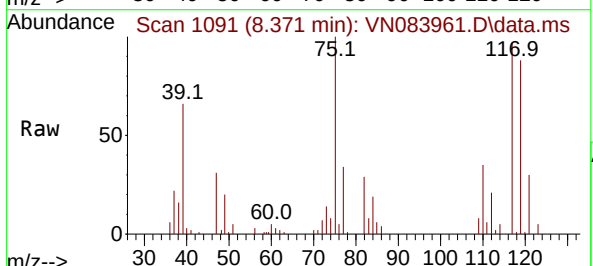
Tgt Ion: 113 Resp: 6938
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 17.5 14.3 21.5

Manual Integrations
APPROVED

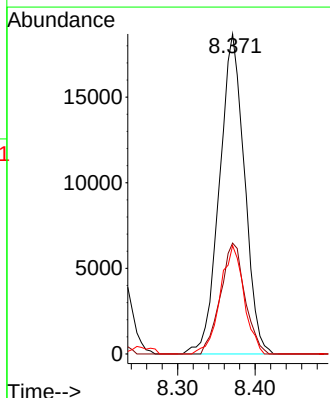
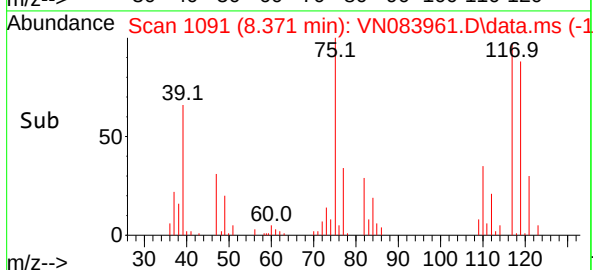
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

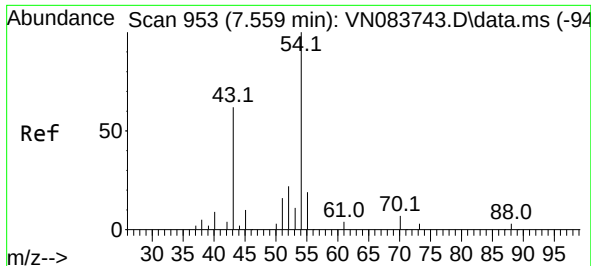


#36
1,1-Dichloropropene
Concen: 18.399 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



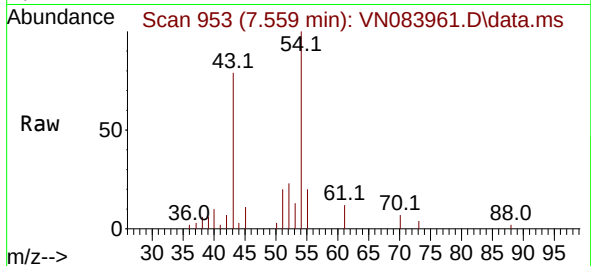
Tgt Ion: 75 Resp: 41884
Ion Ratio Lower Upper
75 100
110 34.0 16.7 50.1
77 32.2 25.2 37.8





#37
Ethyl Acetate
Concen: 22.708 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

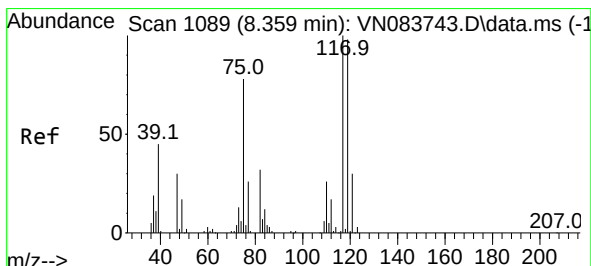
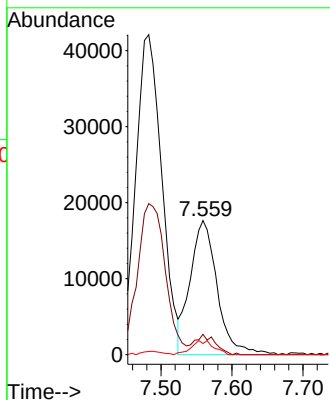
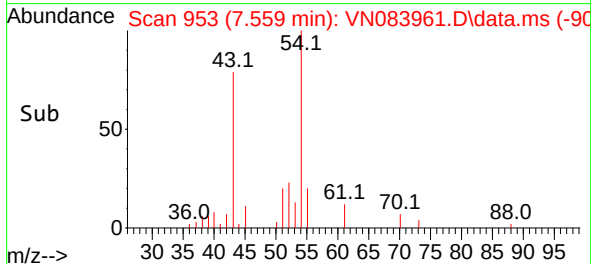
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



Tgt Ion: 43 Resp: 4692
Ion Ratio Lower Upper
43 100
61 11.8 11.1 16.7
70 8.6 8.8 13.2

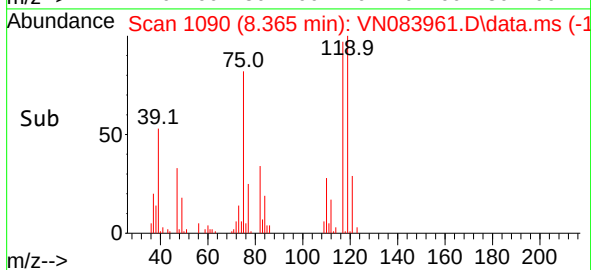
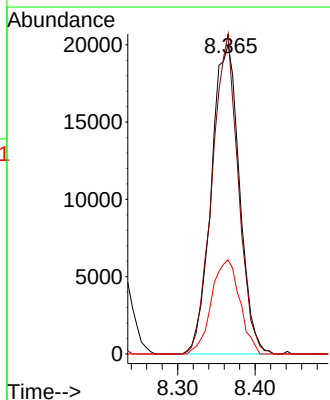
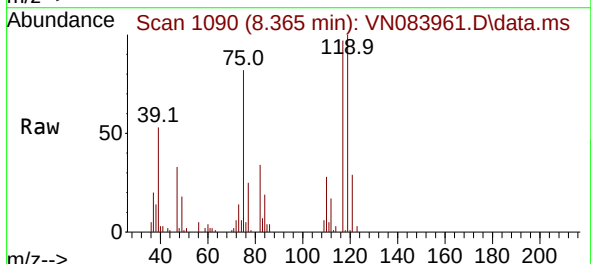
Manual Integrations
APPROVED

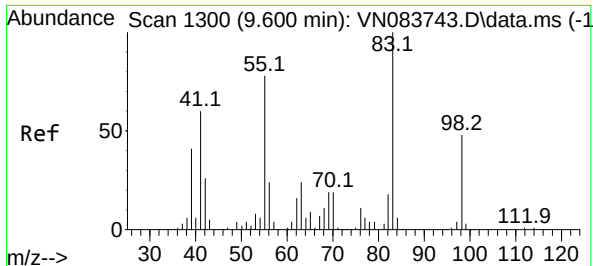
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#38
Carbon Tetrachloride
Concen: 19.483 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:117 Resp: 50318
Ion Ratio Lower Upper
117 100
119 103.4 76.1 114.1
121 30.4 24.1 36.1





#39

Methylcyclohexane

Concen: 16.723 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBSD01

Tgt Ion: 83 Resp: 4333

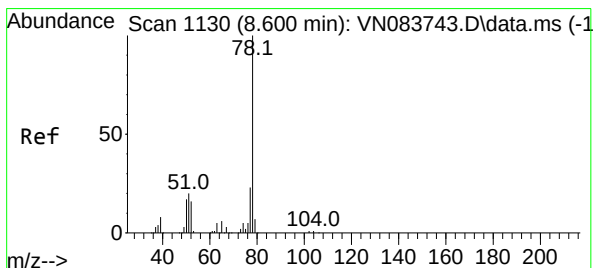
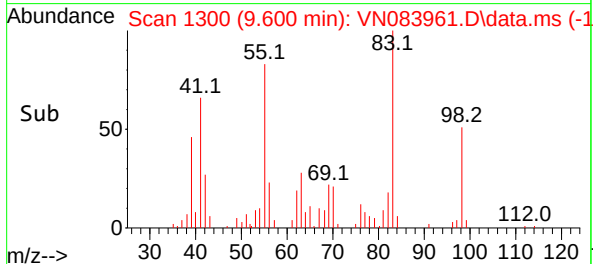
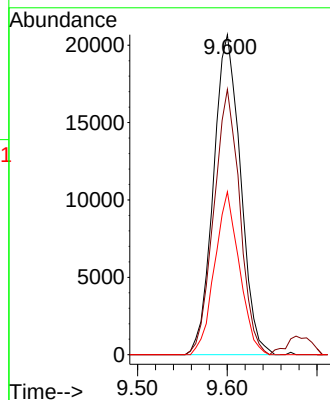
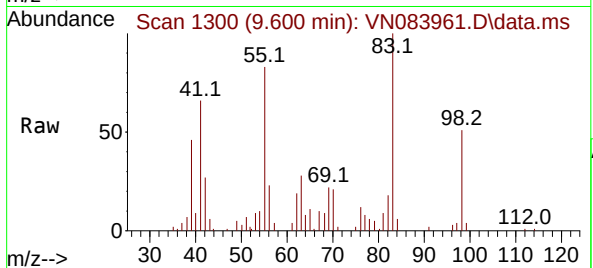
Ion	Ratio	Lower	Upper
83	100		
55	82.9	62.2	93.4
98	50.9	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 19.243 ug/l

RT: 8.606 min Scan# 1131

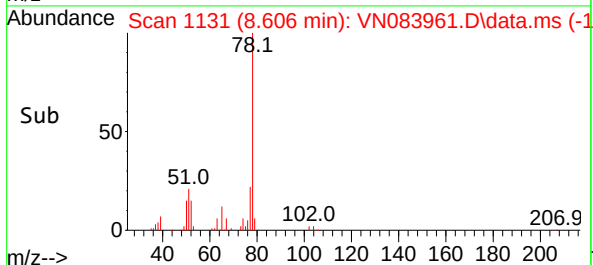
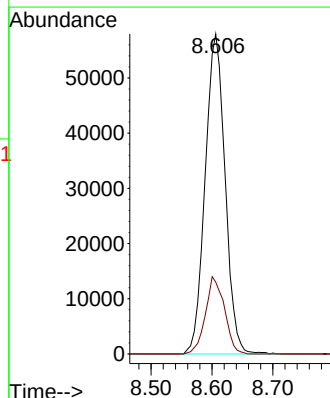
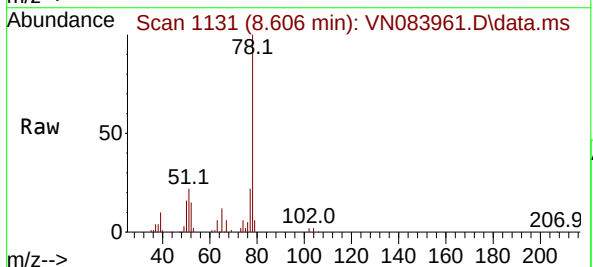
Delta R.T. 0.006 min

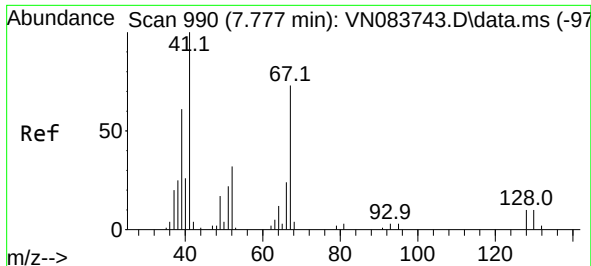
Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Tgt Ion: 78 Resp: 131850

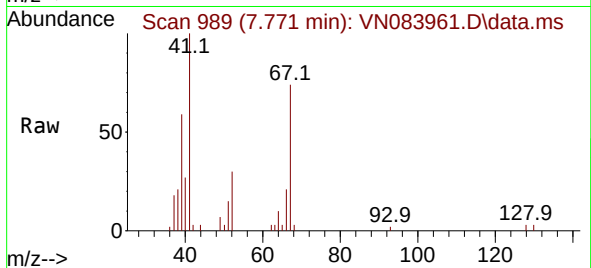
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.6





#41
Methacrylonitrile
Concen: 21.009 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

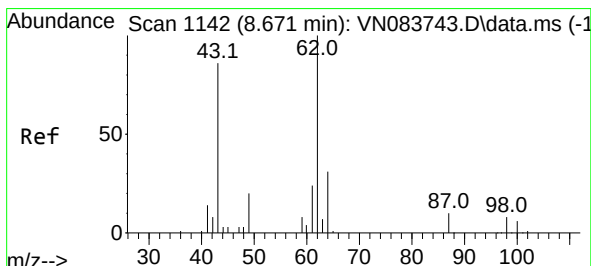
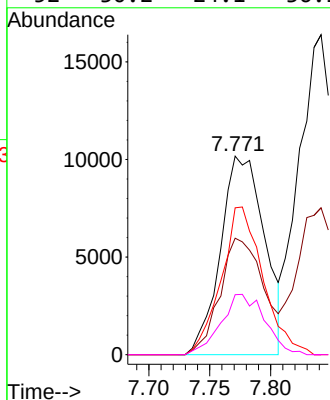
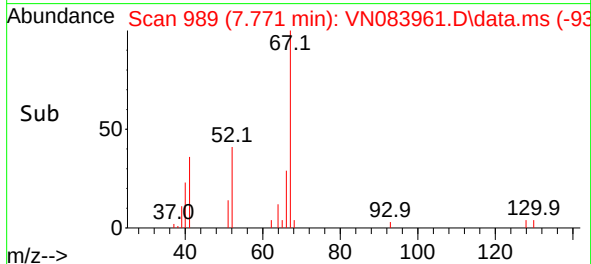
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01



Tgt Ion:	41	Resp:	25670
Ion Ratio	100	Lower	Upper
39	58.0	45.4	68.2
67	70.3	55.9	83.9
52	30.2	24.1	36.1

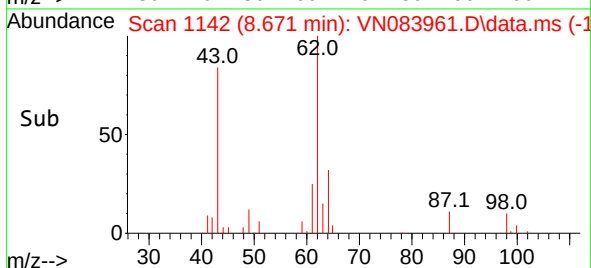
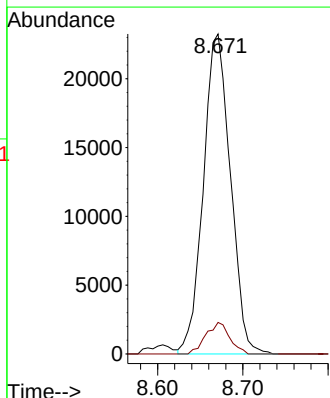
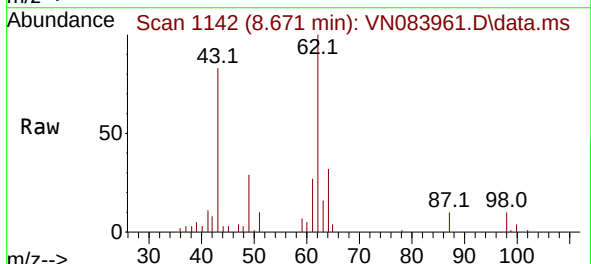
Manual Integrations
APPROVED

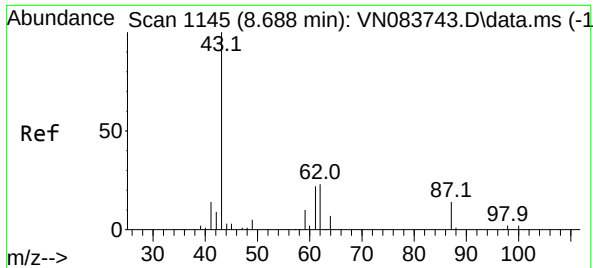
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#42
1,2-Dichloroethane
Concen: 20.050 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:	62	Resp:	51333
Ion Ratio	100	Lower	Upper
98	8.6	0.0	16.6





#43
Isopropyl Acetate
Concen: 21.843 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

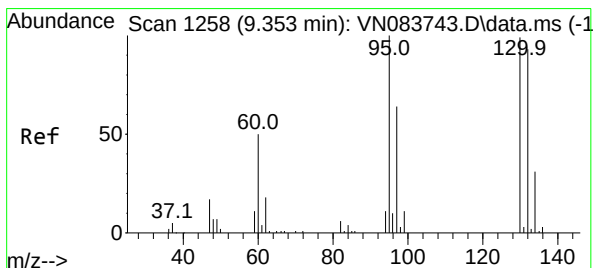
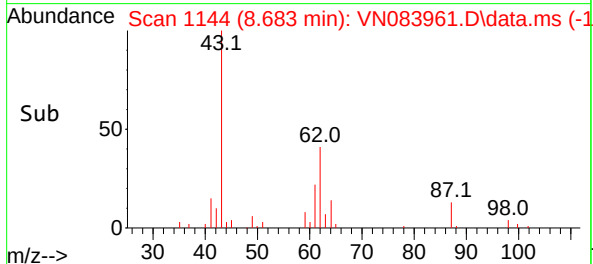
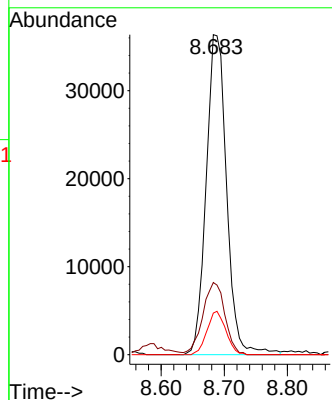
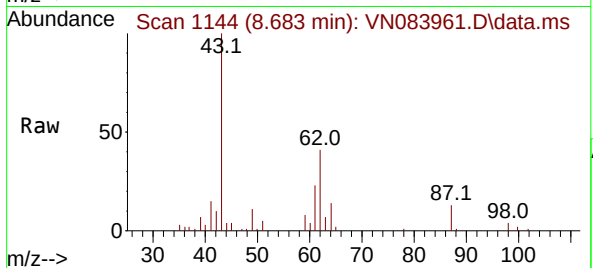
VN0917MBSD01

Tgt Ion: 43 Resp: 81792
Ion Ratio Lower Upper
43 100
61 24.3 19.4 29.0
87 12.5 9.8 14.6

Manual Integrations

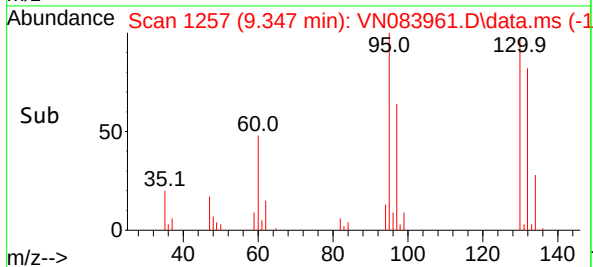
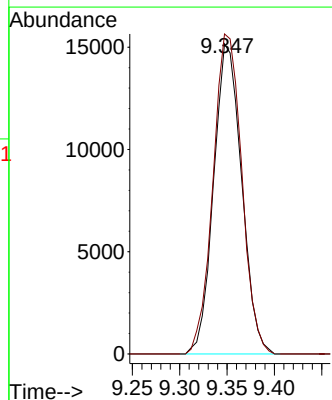
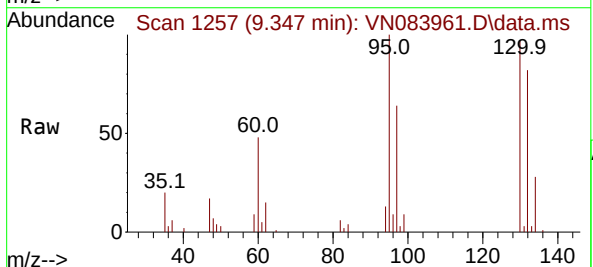
APPROVED

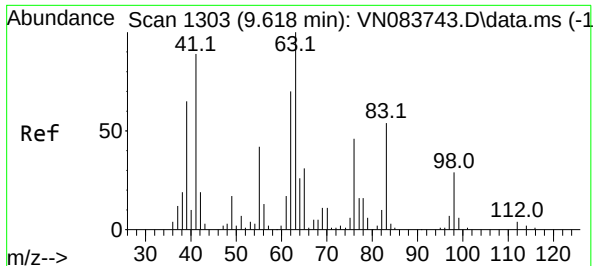
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#44
Trichloroethene
Concen: 19.635 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:130 Resp: 31155
Ion Ratio Lower Upper
130 100
95 103.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.016 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

Tgt Ion: 63 Resp: 3314

Ion Ratio Lower Upper

63 100

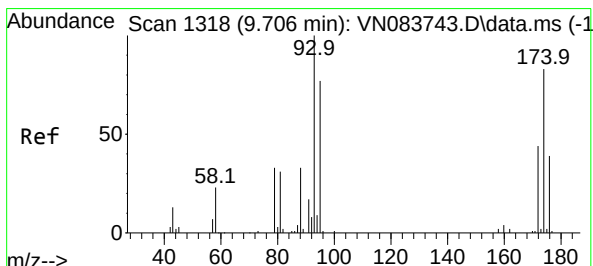
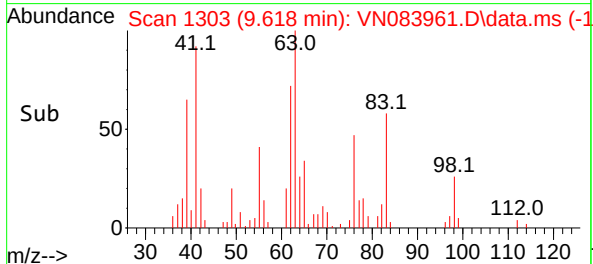
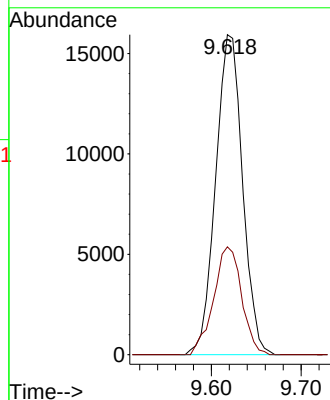
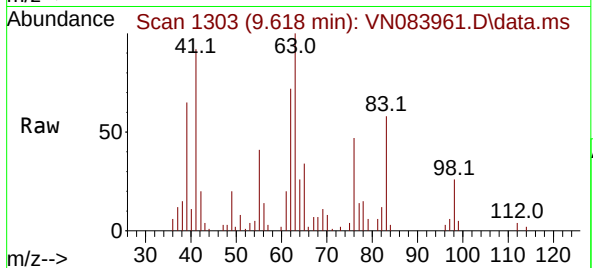
65 33.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#46

Dibromomethane

Concen: 20.528 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

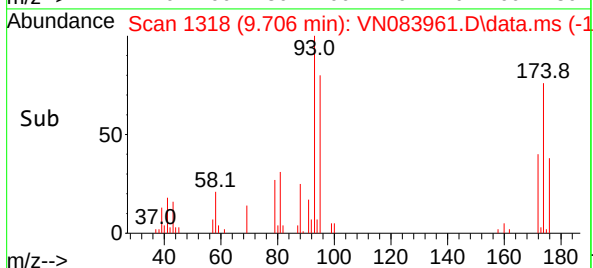
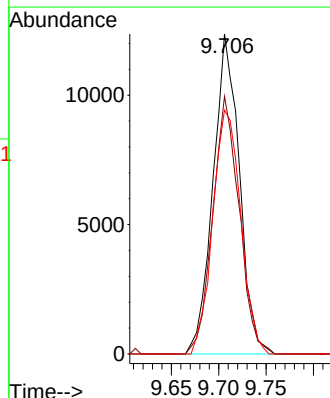
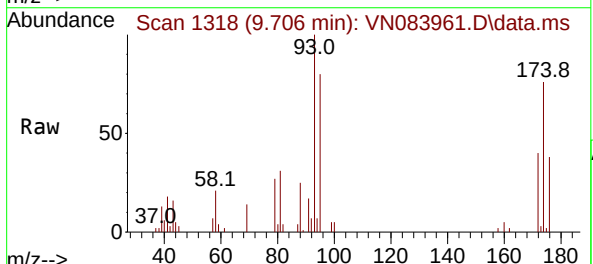
Tgt Ion: 93 Resp: 23811

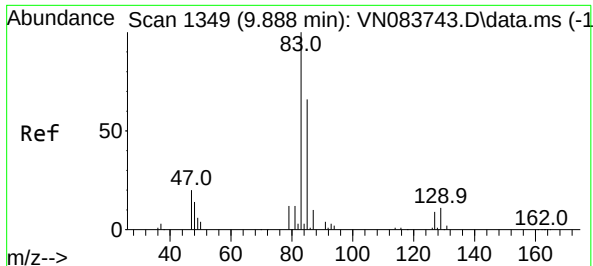
Ion Ratio Lower Upper

93 100

95 81.0 65.3 97.9

174 81.5 71.0 106.4





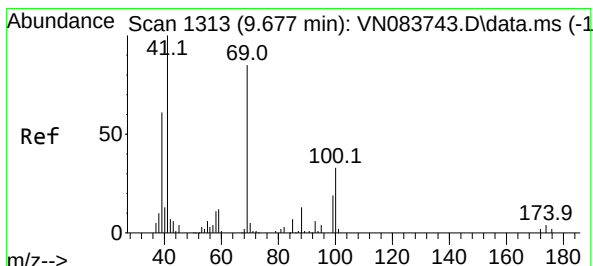
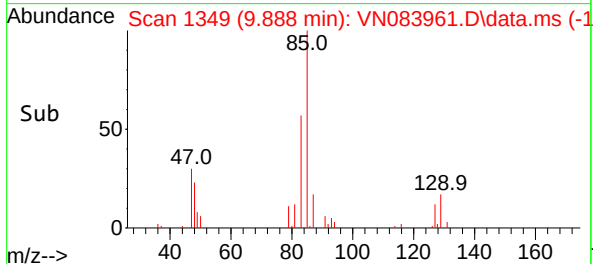
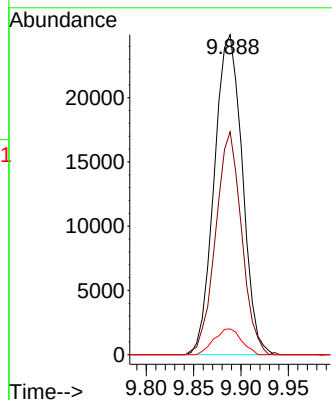
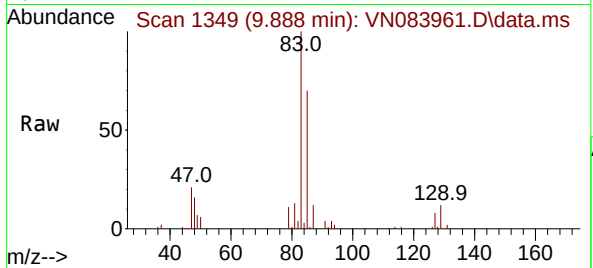
#47
Bromodichloromethane
Concen: 20.410 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion: 83 Resp: 51230
Ion Ratio Lower Upper
83 100
85 69.6 51.8 77.8
127 8.1 6.6 9.8

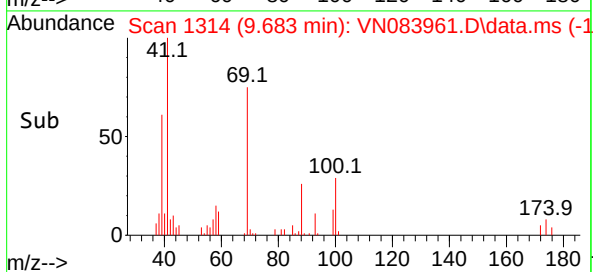
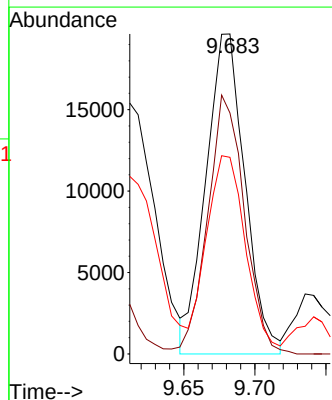
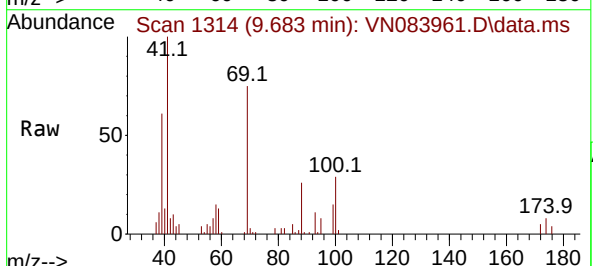
Manual Integrations
APPROVED

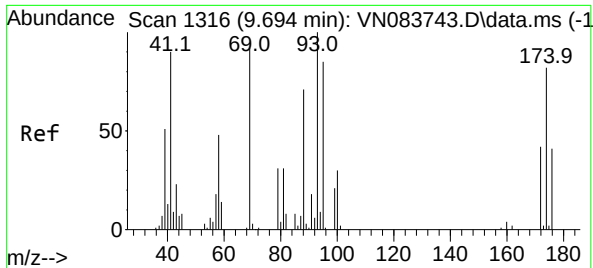
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#48
Methyl methacrylate
Concen: 21.102 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 41 Resp: 37489
Ion Ratio Lower Upper
41 100
69 76.3 64.3 96.5
39 62.5 48.9 73.3





#49

1,4-Dioxane

Concen: 431.961 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

Tgt Ion: 88 Resp: 12624

Ion Ratio Lower Upper

88 100

43 38.2 0.0 0.0

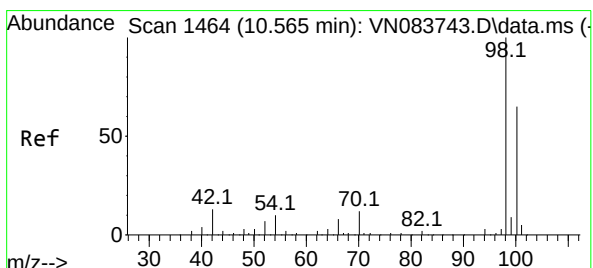
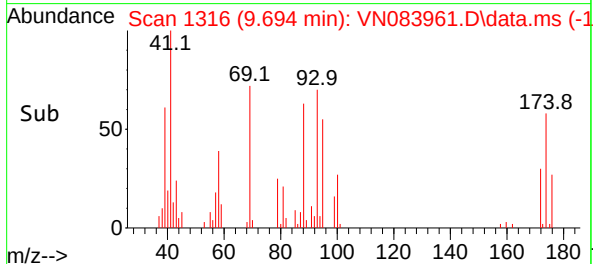
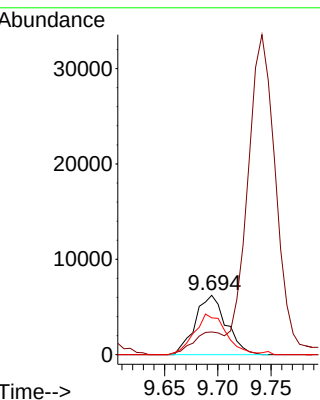
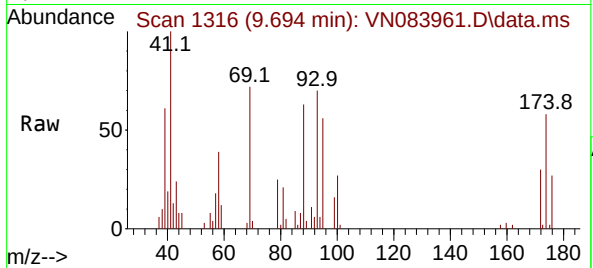
58 71.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#50

Toluene-d8

Concen: 46.941 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083961.D

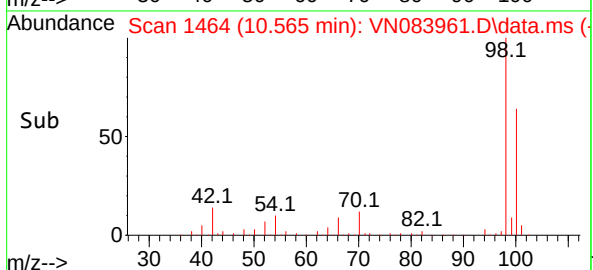
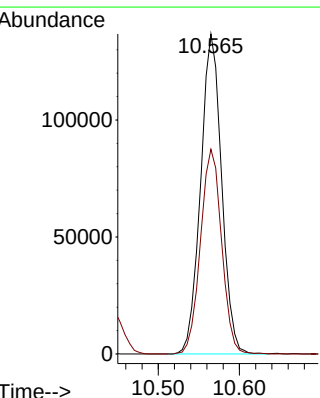
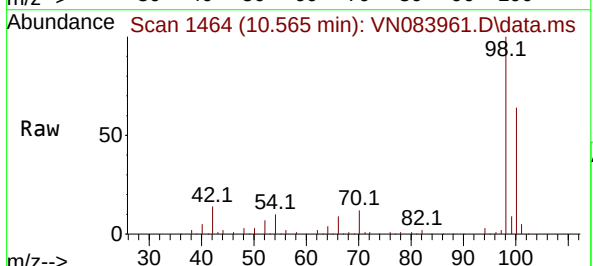
Acq: 18 Sep 2024 04:45

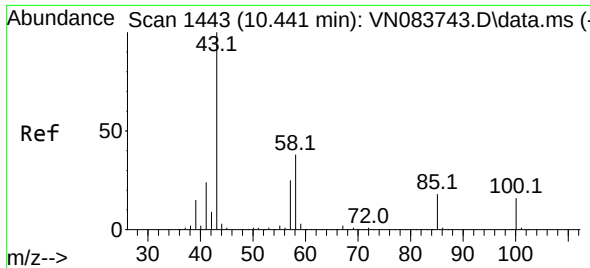
Tgt Ion: 98 Resp: 245433

Ion Ratio Lower Upper

98 100

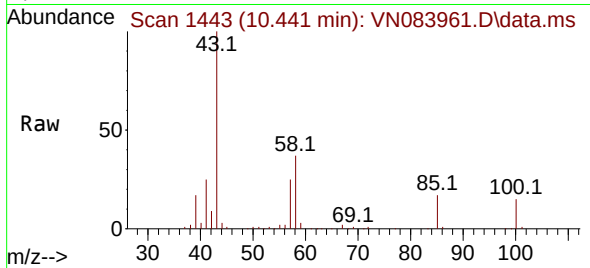
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 112.525 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

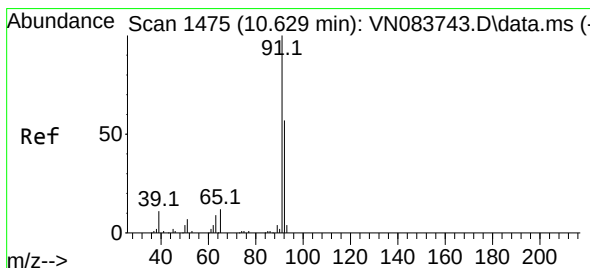
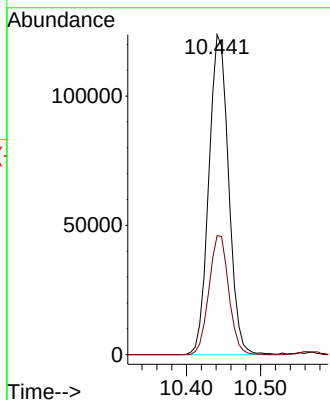
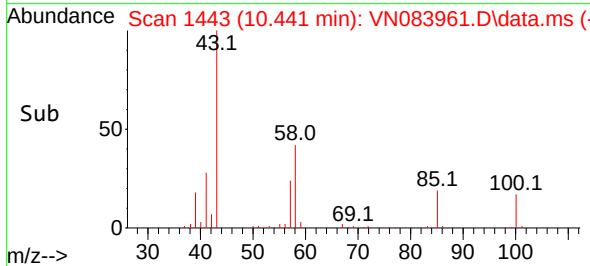
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



Tgt Ion: 43 Resp: 229359
Ion Ratio Lower Upper
43 100
58 37.3 31.6 47.4

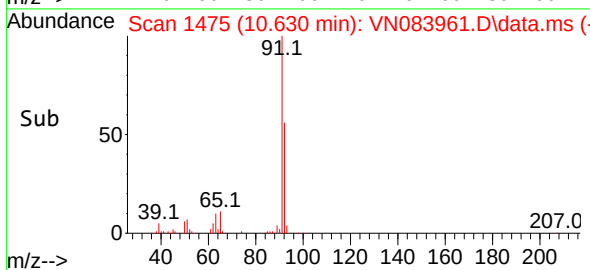
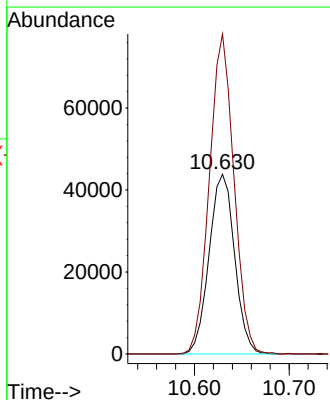
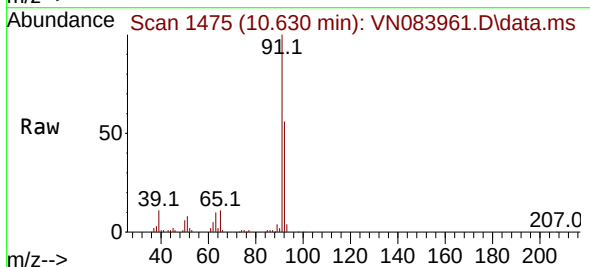
Manual Integrations
APPROVED

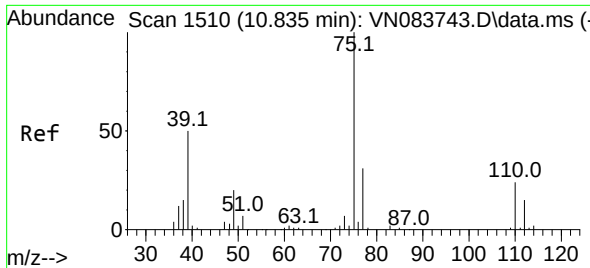
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#52
Toluene
Concen: 19.571 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

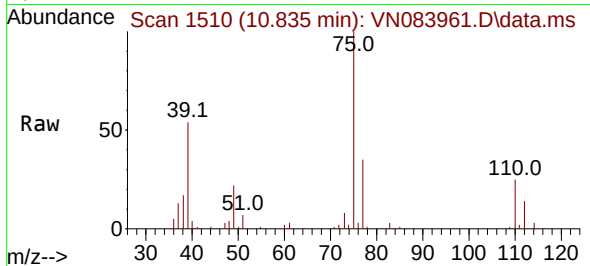
Tgt Ion: 92 Resp: 82023
Ion Ratio Lower Upper
92 100
91 171.3 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 18.837 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

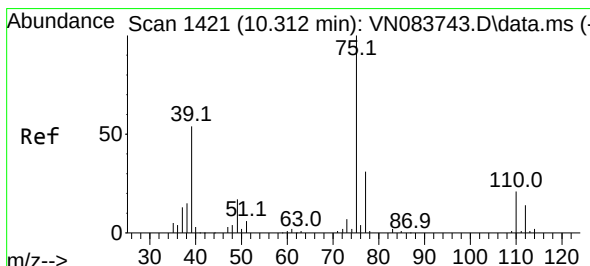
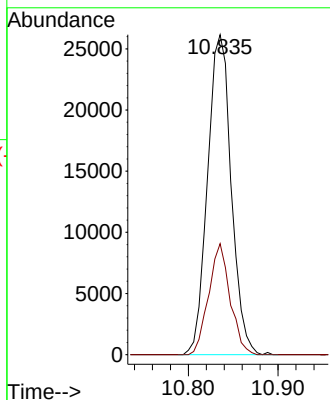
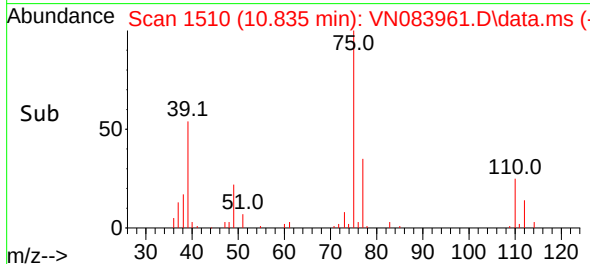
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



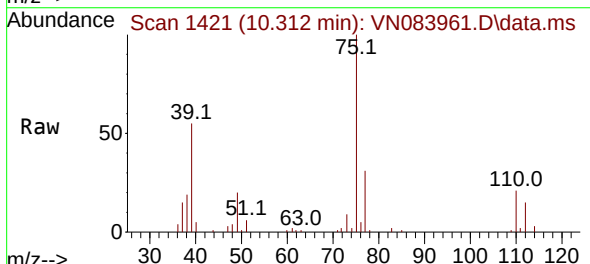
Tgt Ion: 75 Resp: 47932
Ion Ratio Lower Upper
75 100
77 34.7 25.8 38.6

Manual Integrations
APPROVED

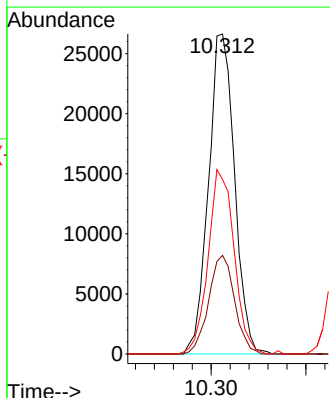
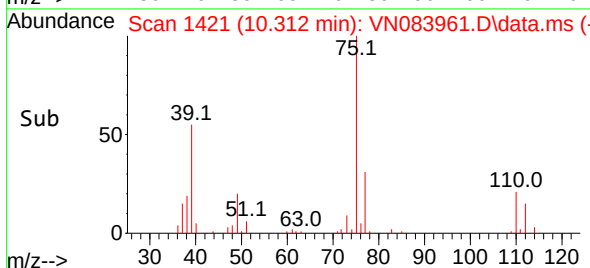
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

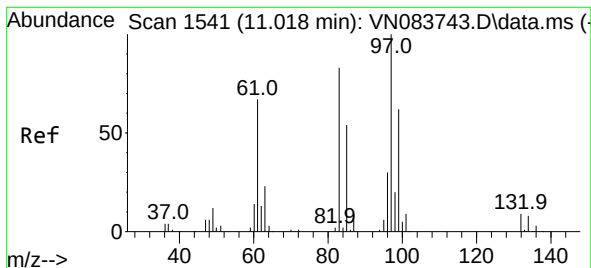


#54
cis-1,3-Dichloropropene
Concen: 19.040 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



Tgt Ion: 75 Resp: 50891
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 54.5 42.6 64.0





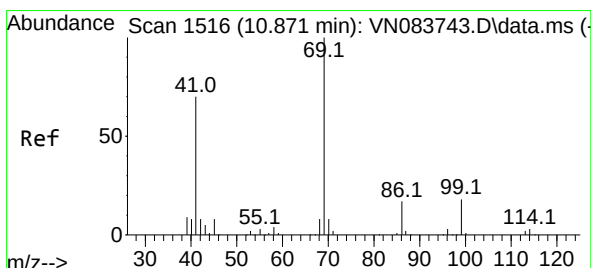
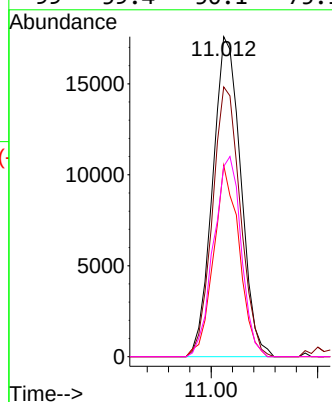
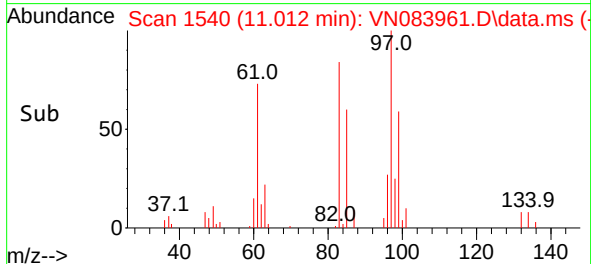
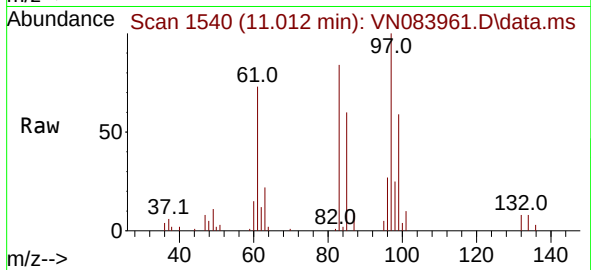
#55
1,1,2-Trichloroethane
Concen: 20.635 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion:	97	Resp:	3228
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.5	101.3
85	59.8	44.2	66.2
99	59.4	50.1	75.1

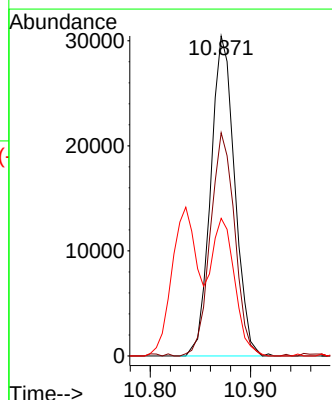
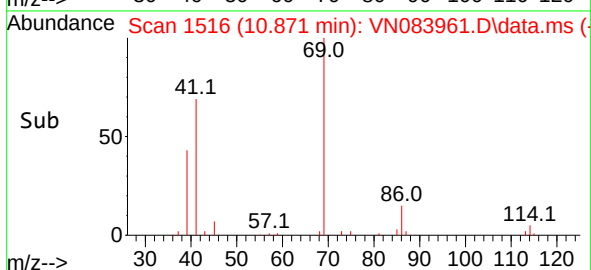
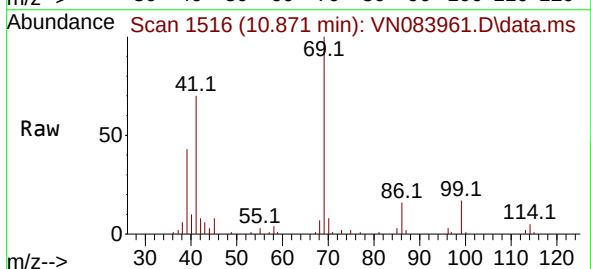
Manual Integrations
APPROVED

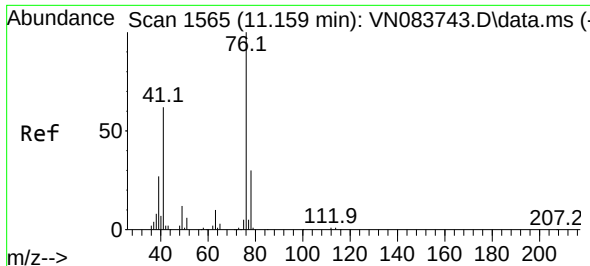
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#56
Ethyl methacrylate
Concen: 20.998 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:	69	Resp:	50548
Ion	Ratio	Lower	Upper
69	100		
41	70.8	53.9	80.9
39	42.2	32.6	48.8





#57

1,3-Dichloropropane

Concen: 20.318 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

Tgt Ion: 76 Resp: 54638

Ion Ratio Lower Upper

76 100

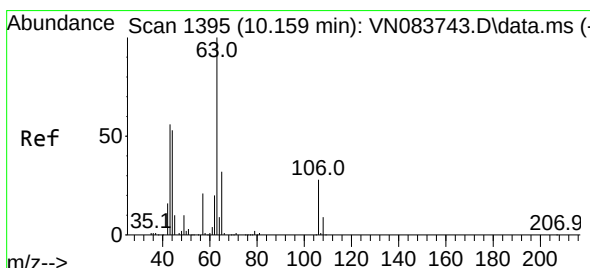
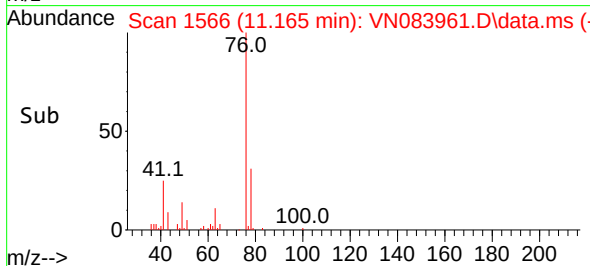
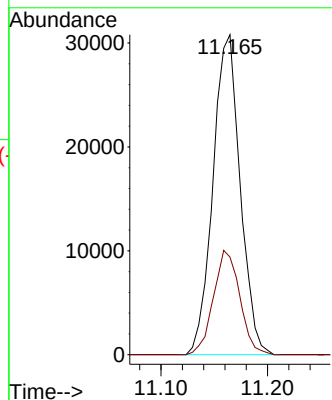
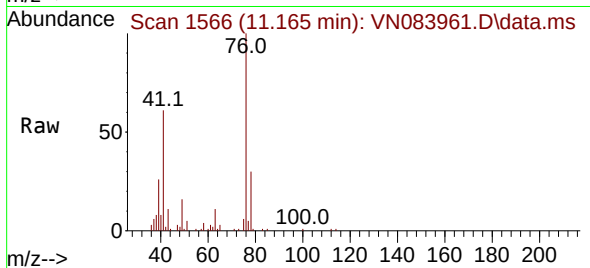
78 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 122.688 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083961.D

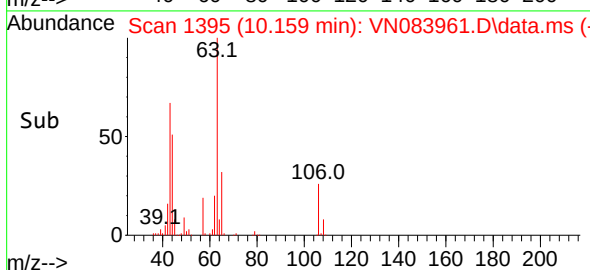
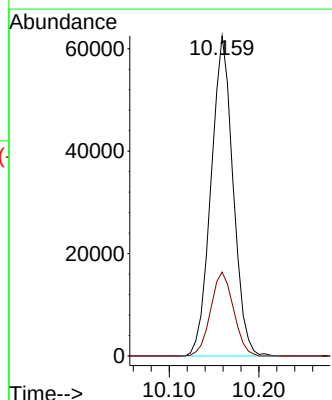
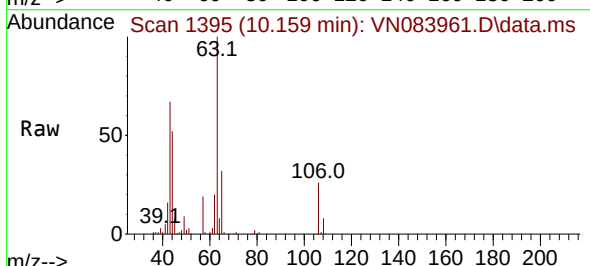
Acq: 18 Sep 2024 04:45

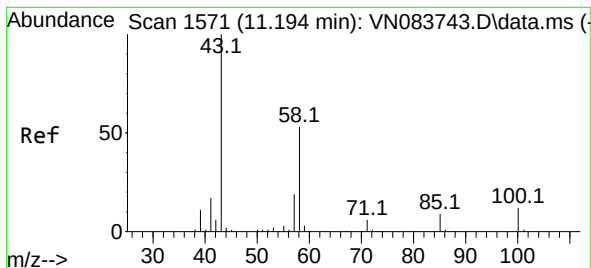
Tgt Ion: 63 Resp: 106418

Ion Ratio Lower Upper

63 100

106 27.2 23.3 34.9





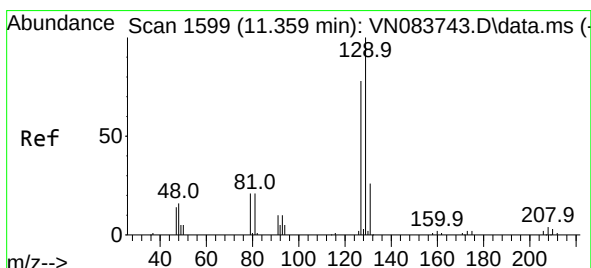
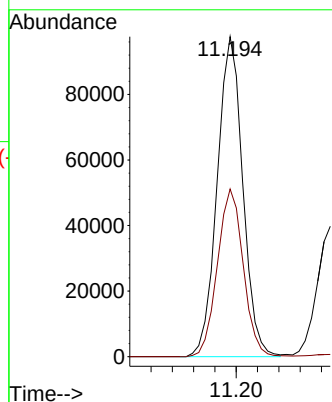
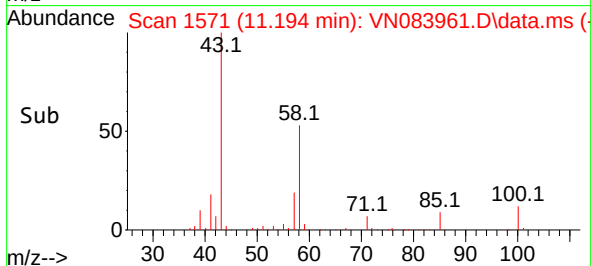
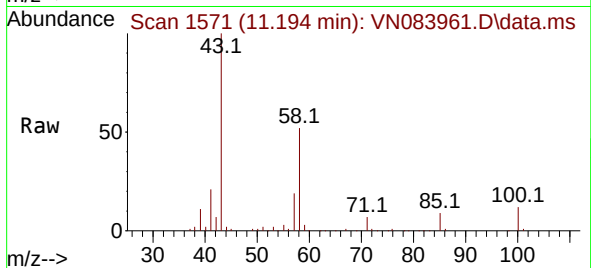
#59
2-Hexanone
Concen: 107.867 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion: 43 Resp: 162639
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.5

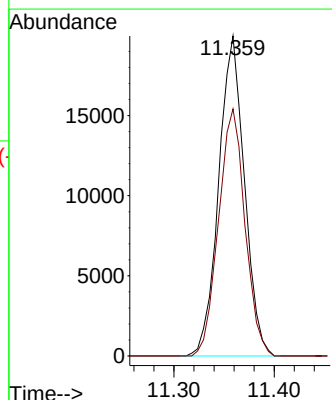
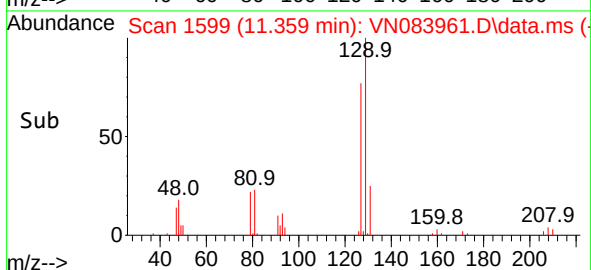
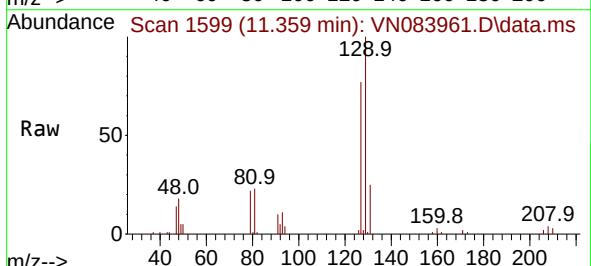
Manual Integrations
APPROVED

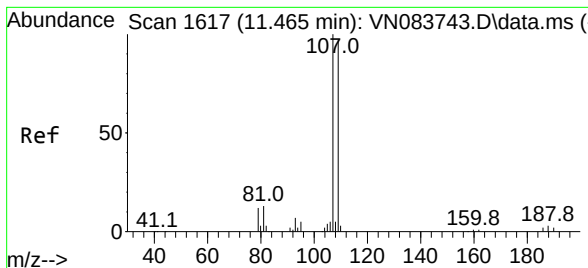
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#60
Dibromochloromethane
Concen: 20.288 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:129 Resp: 35525
Ion Ratio Lower Upper
129 100
127 79.3 39.0 116.9





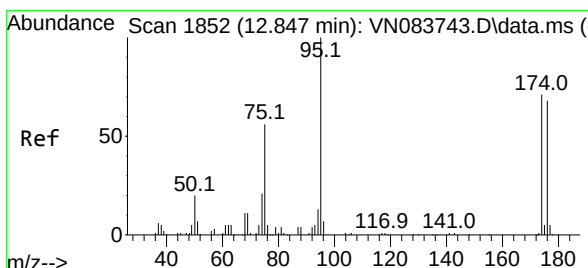
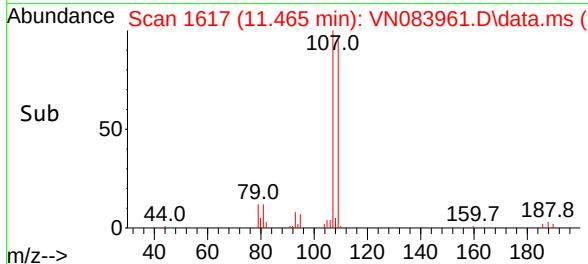
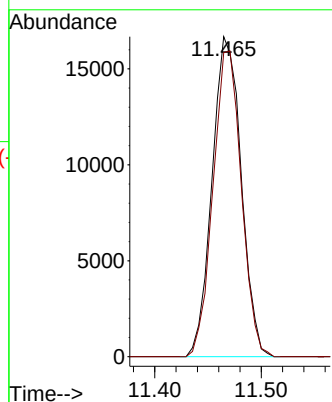
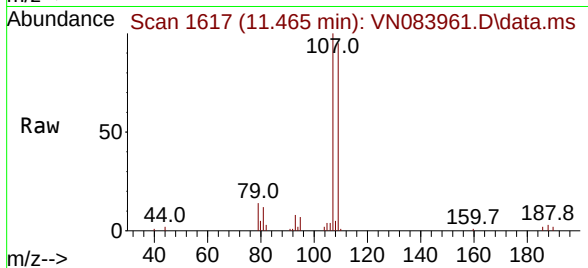
#61
1,2-Dibromoethane
Concen: 20.264 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion:107 Resp: 31620
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

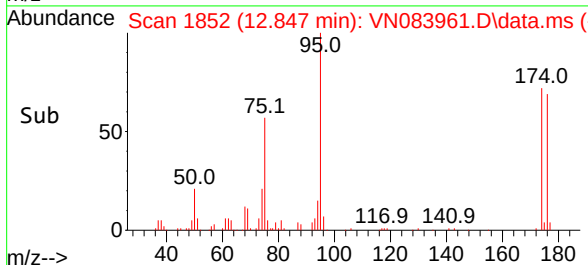
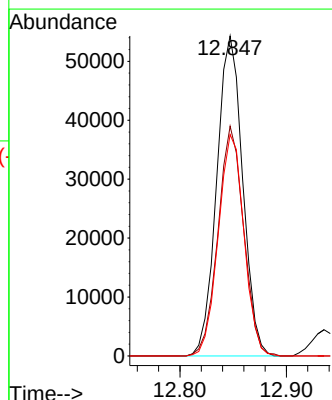
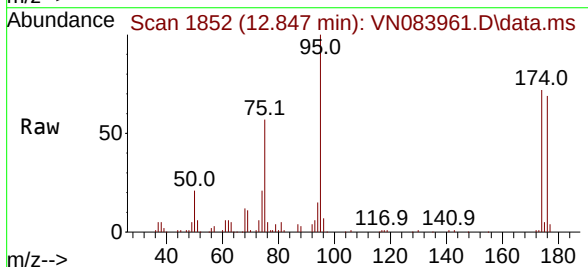
Manual Integrations
APPROVED

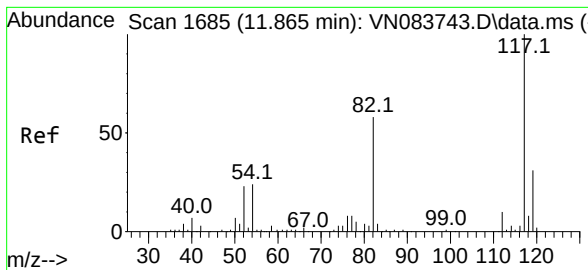
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#62
4-Bromofluorobenzene
Concen: 42.574 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

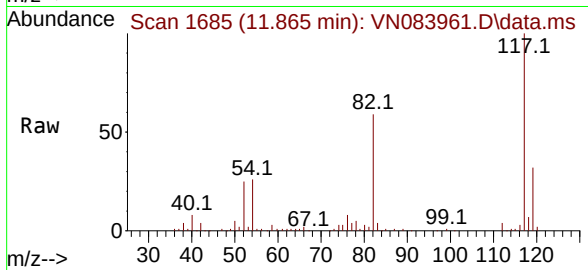
Tgt Ion: 95 Resp: 91840
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 68.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

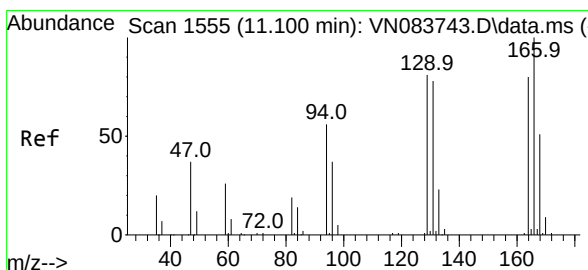
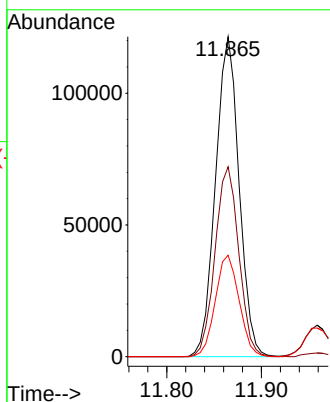
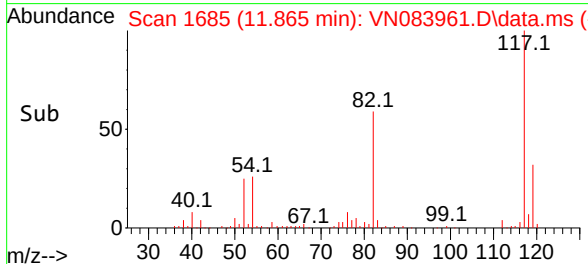
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



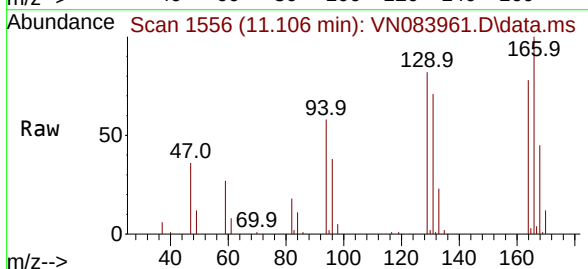
Tgt Ion:117 Resp: 210360
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 31.7 26.3 39.5

Manual Integrations
APPROVED

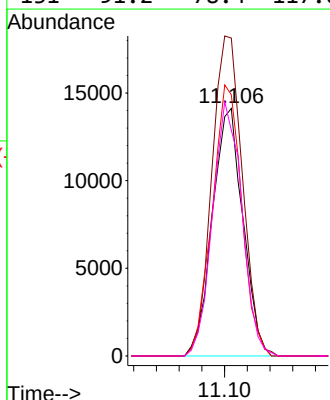
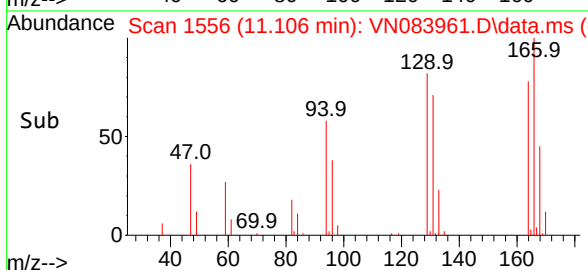
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

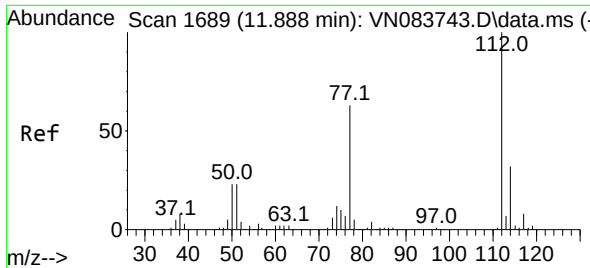


#64
Tetrachloroethene
Concen: 18.846 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



Tgt Ion:164 Resp: 26365
Ion Ratio Lower Upper
164 100
166 128.4 103.7 155.5
129 105.5 79.9 119.9
131 91.2 78.4 117.6





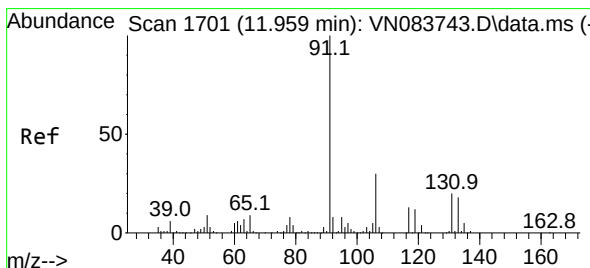
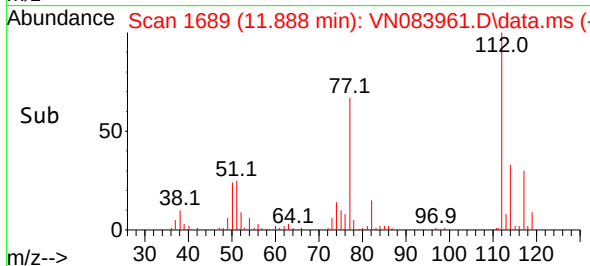
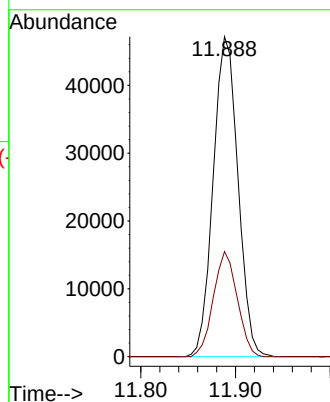
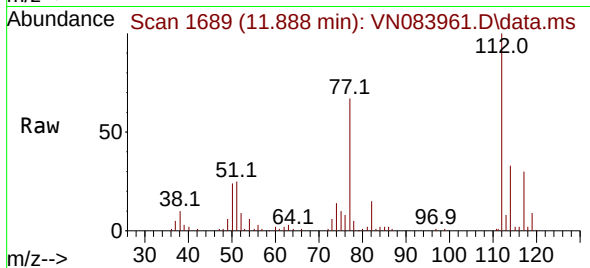
#65
Chlorobenzene
Concen: 18.349 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion:112 Resp: 85780
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

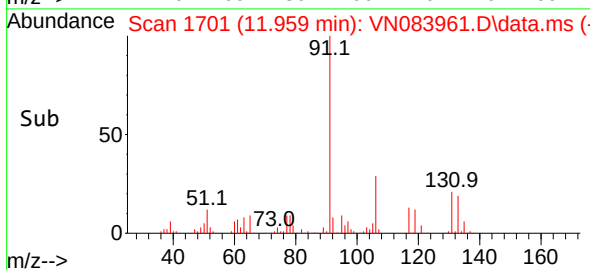
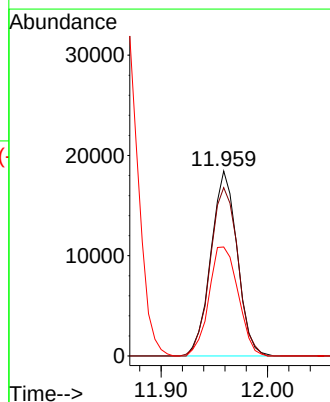
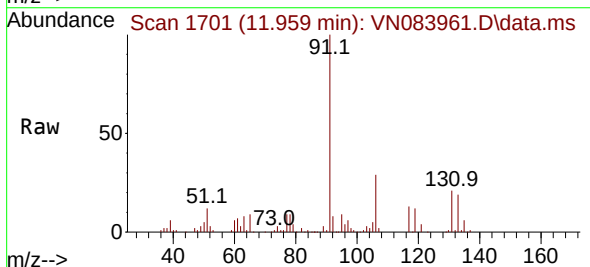
Manual Integrations
APPROVED

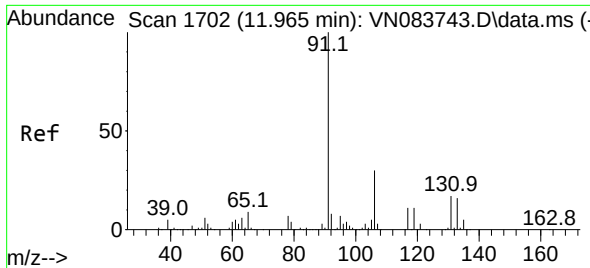
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.543 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:131 Resp: 31676
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.3 31.6 94.8





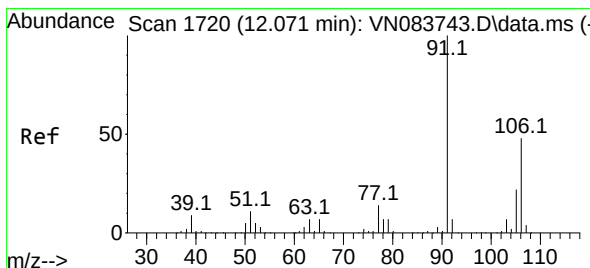
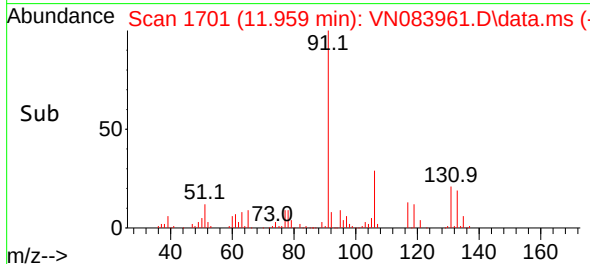
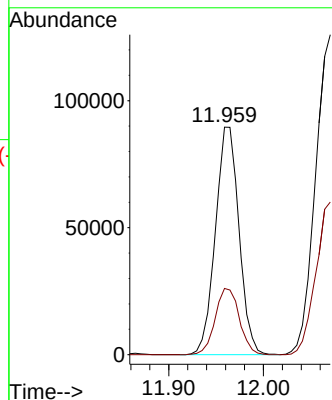
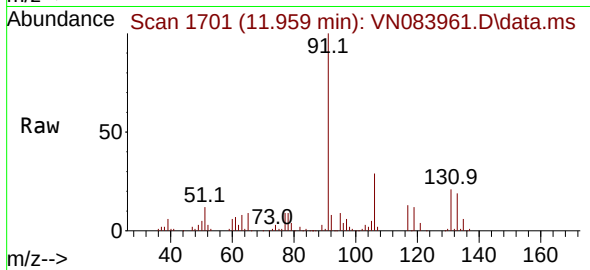
#67
Ethyl Benzene
Concen: 18.708 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01

Tgt Ion: 91 Resp: 15538
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5

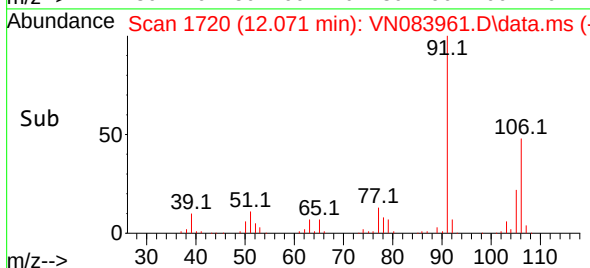
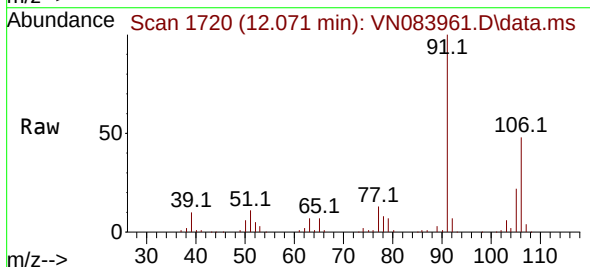
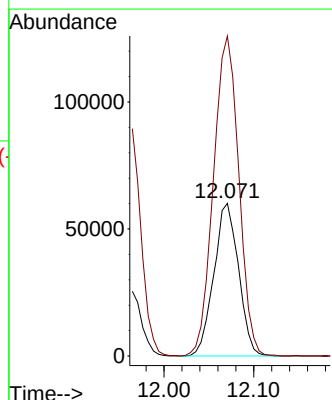
Manual Integrations
APPROVED

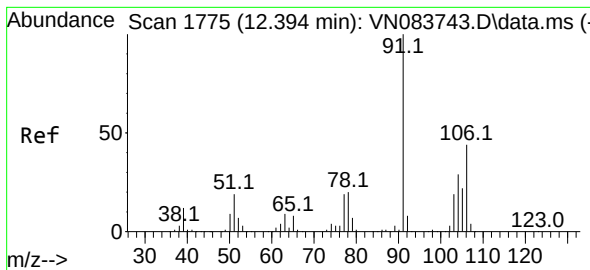
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#68
m/p-Xylenes
Concen: 37.162 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:106 Resp: 114588
Ion Ratio Lower Upper
106 100
91 215.5 169.2 253.8





#69

o-Xylene

Concen: 18.435 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

Tgt Ion:106 Resp: 5503

Ion Ratio Lower Upper

106 100

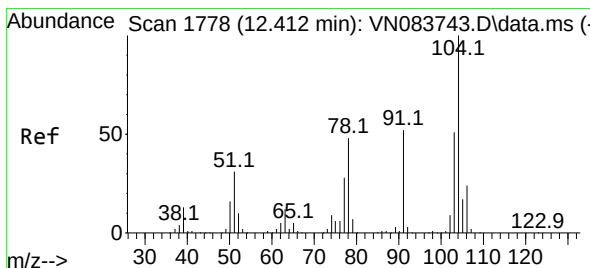
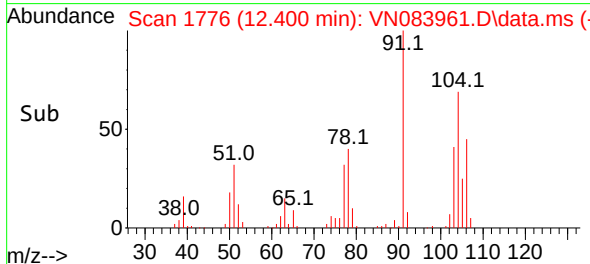
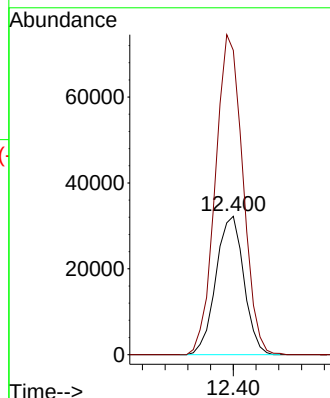
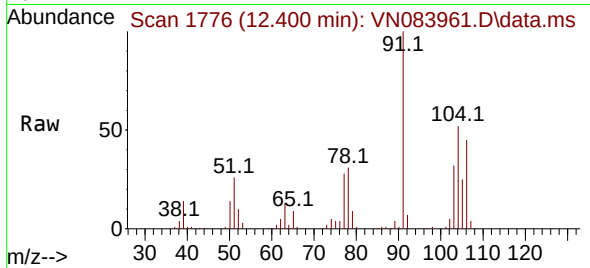
91 228.4 112.9 338.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#70

Styrene

Concen: 19.677 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

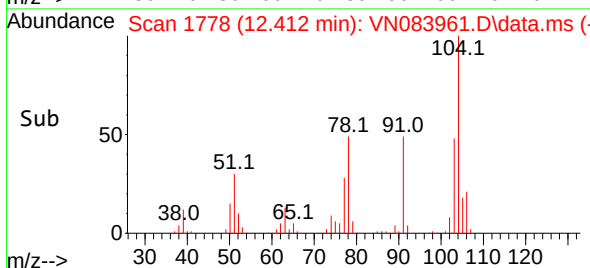
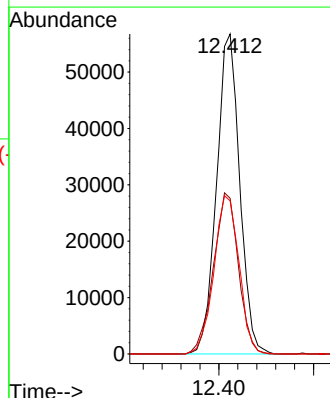
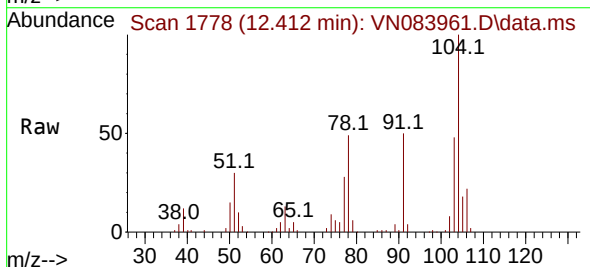
Tgt Ion:104 Resp: 96399

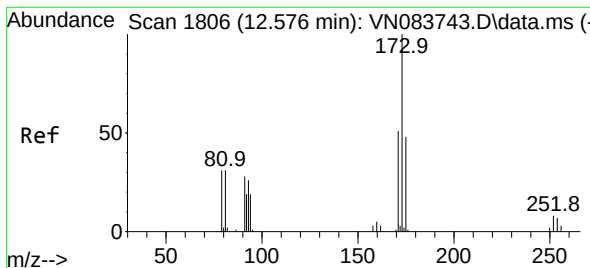
Ion Ratio Lower Upper

104 100

78 54.2 43.3 64.9

103 53.5 43.4 65.2





#71

Bromoform

Concen: 21.105 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

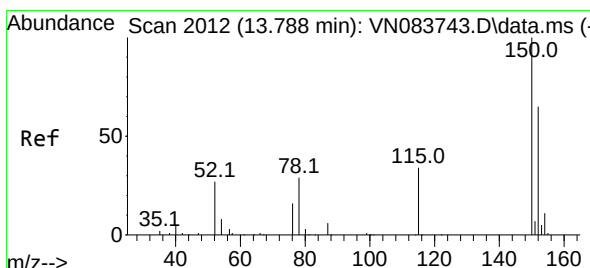
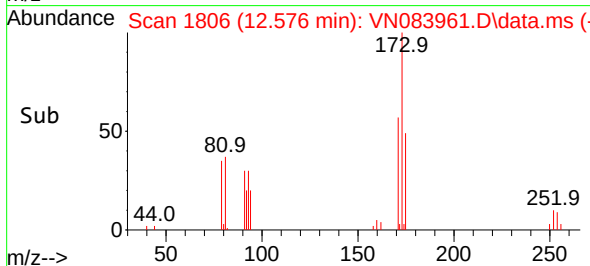
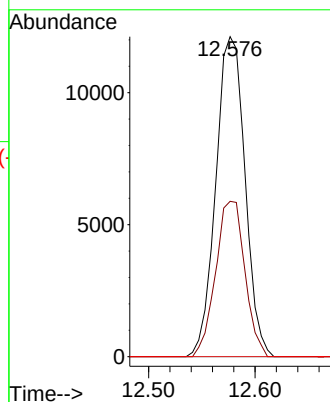
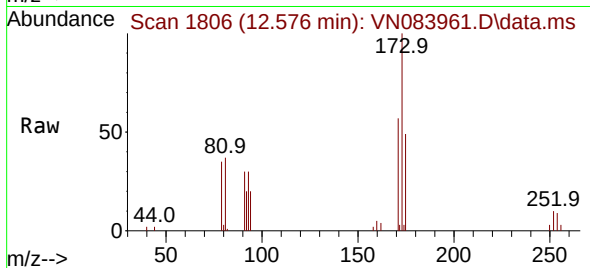
Tgt Ion:	173	Resp:	2305
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.1	72.2
254	0.0	0.0	0.0

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

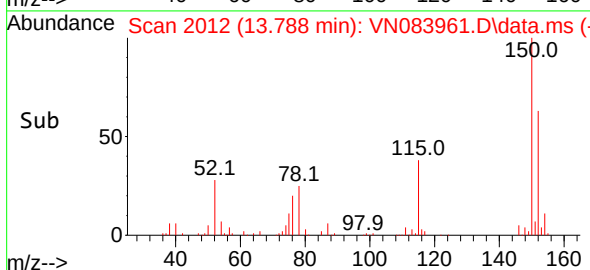
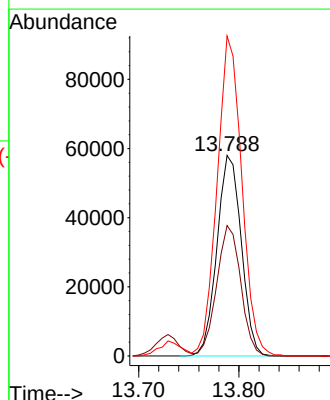
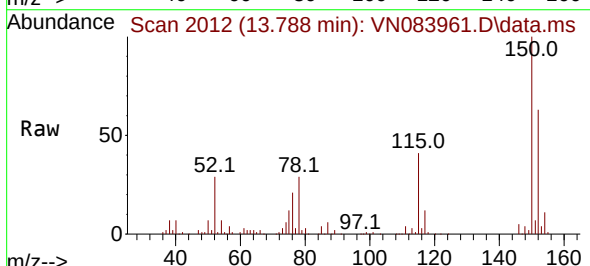
RT: 13.788 min Scan# 2012

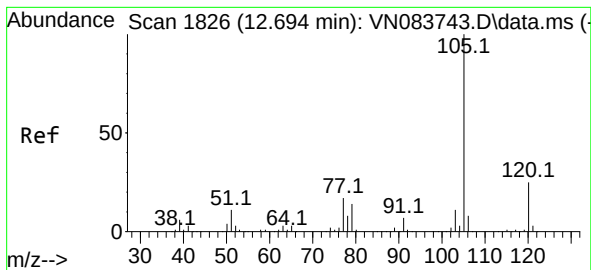
Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Tgt Ion:	152	Resp:	97584
Ion Ratio	Lower	Upper	
152	100		
115	64.4	32.2	96.6
150	162.1	0.0	348.6





#73

Isopropylbenzene

Concen: 19.611 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBSD01

Tgt Ion:105 Resp: 14805

Ion Ratio Lower Upper

105 100

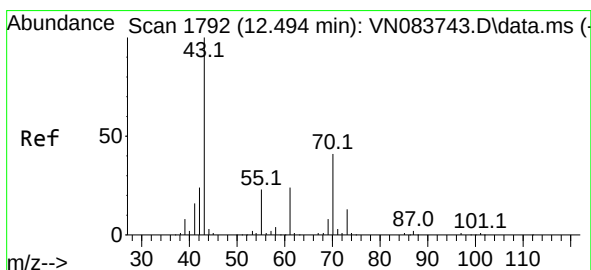
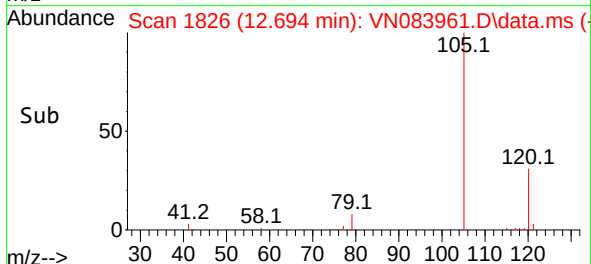
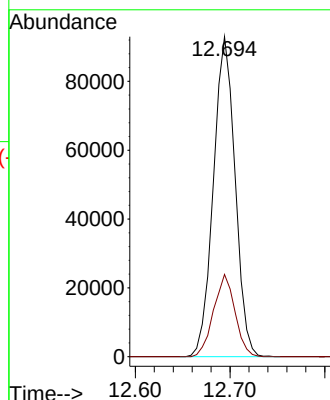
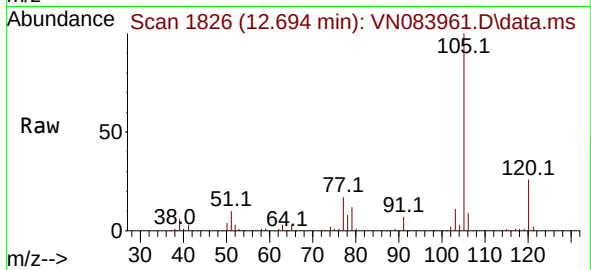
120 25.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#74

N-ethyl acetate

Concen: 20.781 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Tgt Ion: 43 Resp: 66938

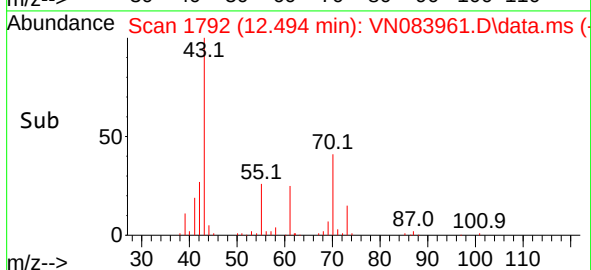
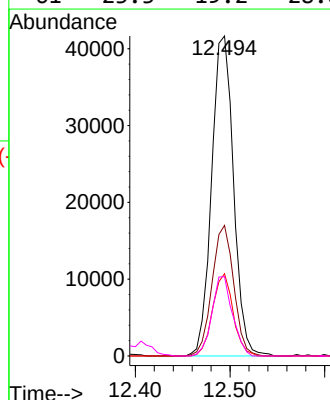
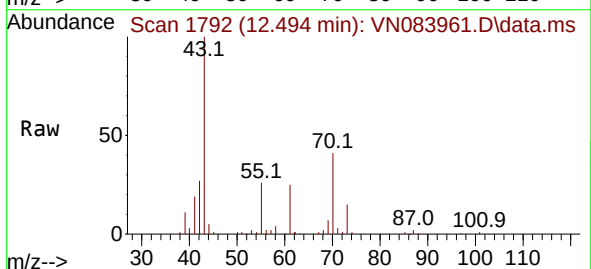
Ion Ratio Lower Upper

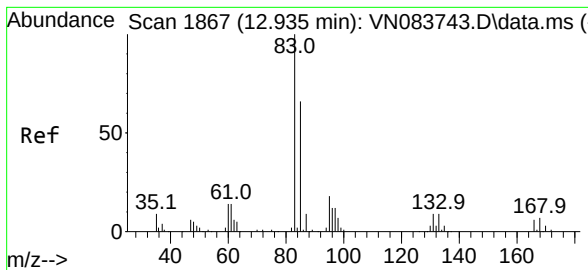
43 100

70 40.5 34.5 51.7

55 24.1 18.6 28.0

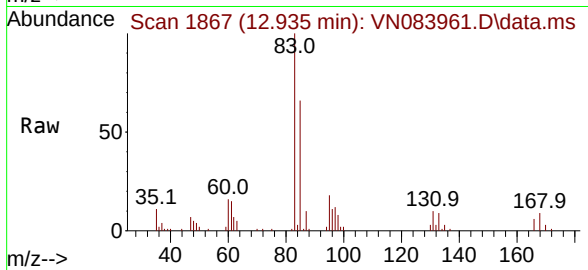
61 23.3 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.237 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

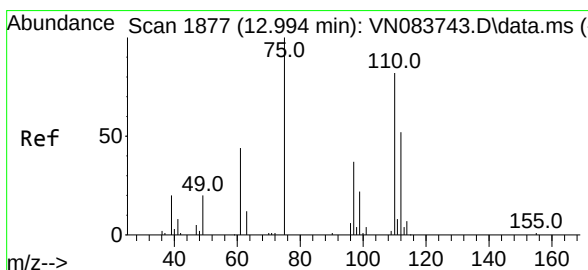
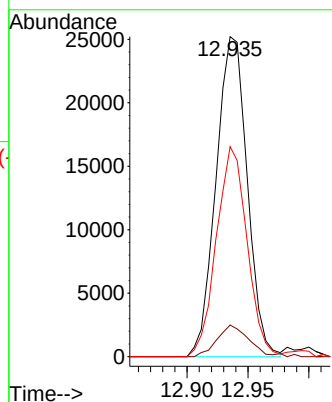
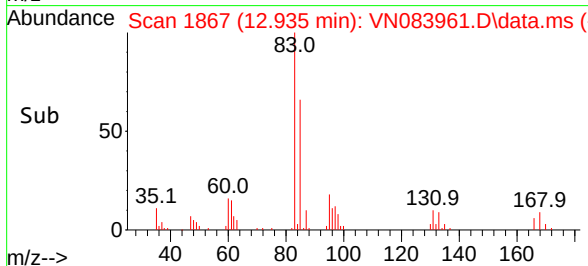
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



Tgt Ion: 83 Resp: 4489
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 64.5 31.9 95.9

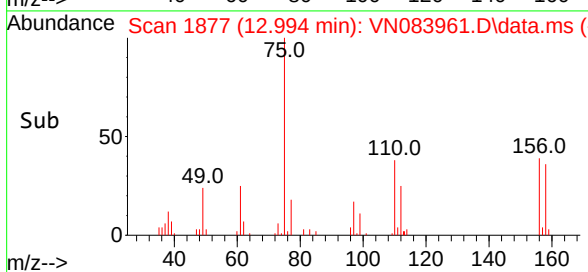
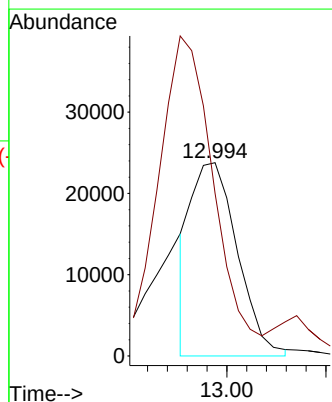
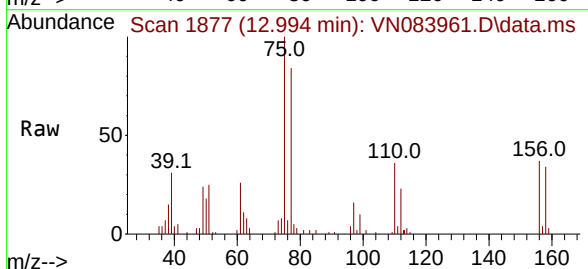
Manual Integrations
APPROVED

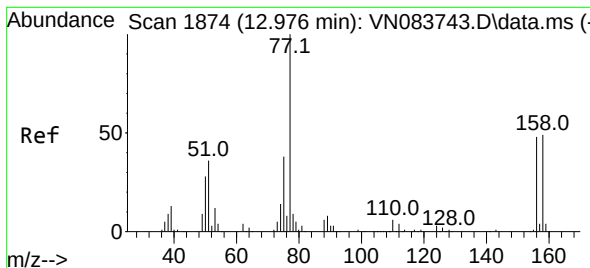
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#76
1,2,3-Trichloropropane
Concen: 19.651 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 75 Resp: 38694
Ion Ratio Lower Upper
75 100
77 199.9 95.2 285.6





#77

Bromobenzene

Concen: 19.058 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

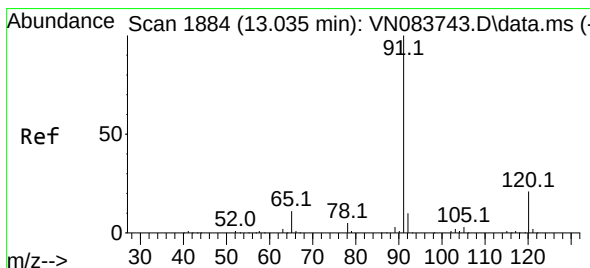
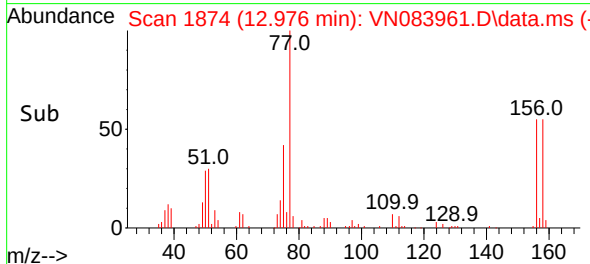
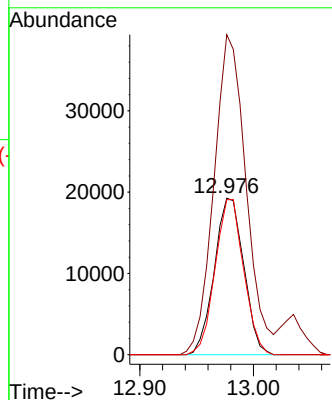
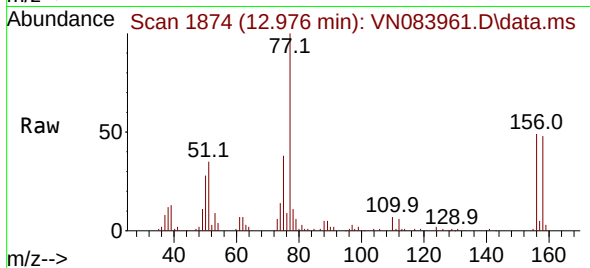
Tgt Ion:156 Resp: 3463
 Ion Ratio Lower Upper
 156 100
 77 223.3 114.3 343.1
 158 96.5 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#78

n-propylbenzene

Concen: 19.181 ug/l

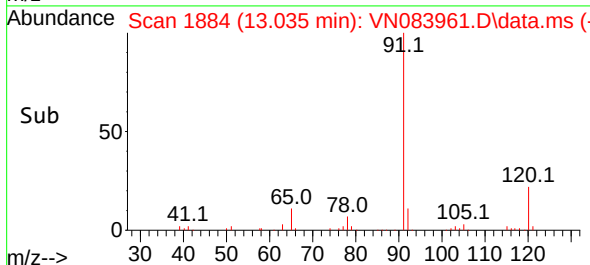
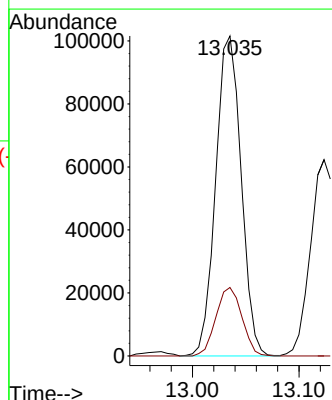
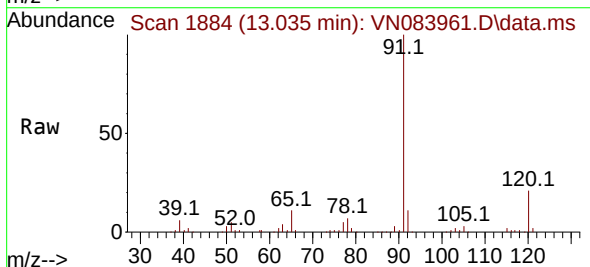
RT: 13.035 min Scan# 1884

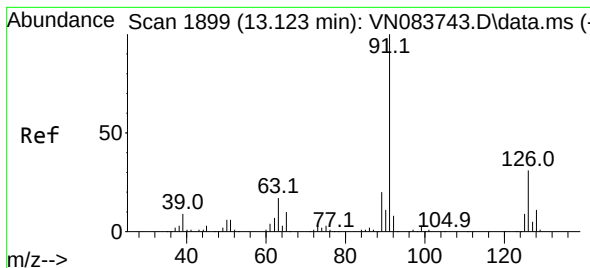
Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Tgt Ion: 91 Resp: 168490
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.0 33.0





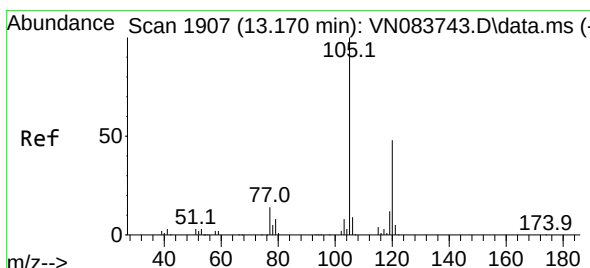
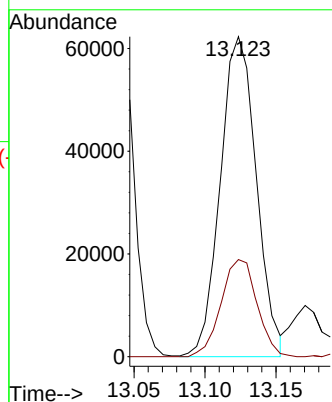
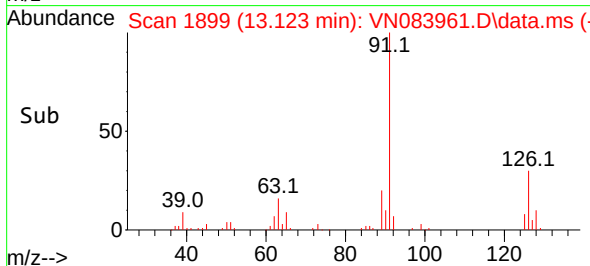
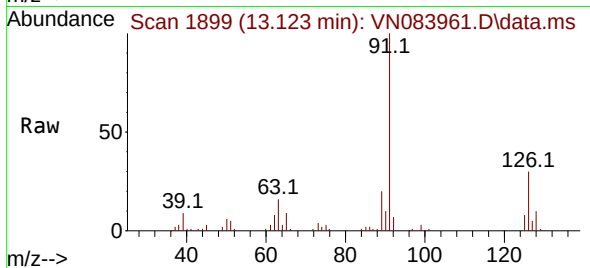
#79
2-Chlorotoluene
Concen: 19.629 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion: 91 Resp: 10996
Ion Ratio Lower Upper
91 100
126 30.2 15.4 46.2

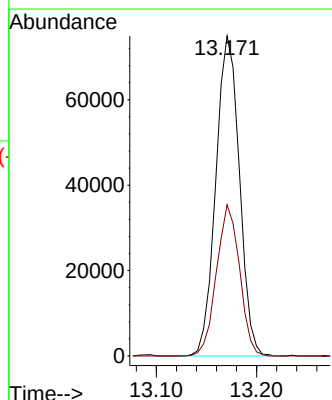
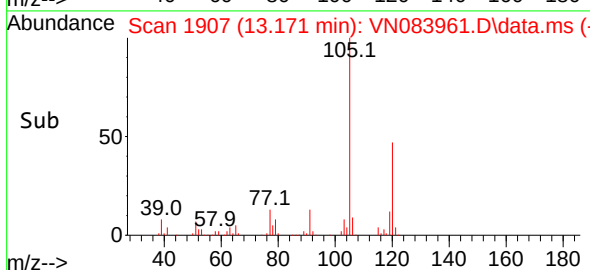
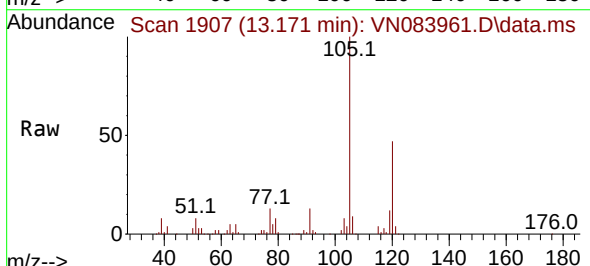
Manual Integrations
APPROVED

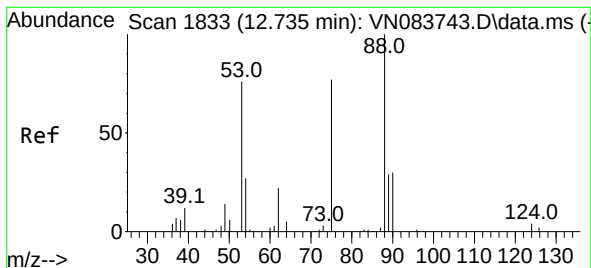
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.233 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

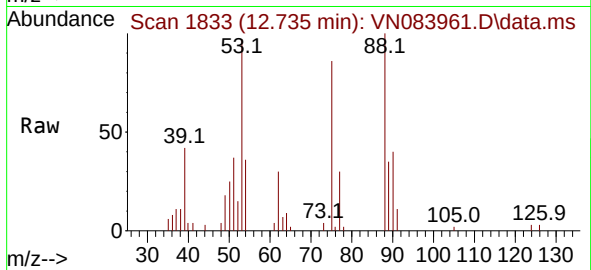
Tgt Ion:105 Resp: 122418
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.963 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

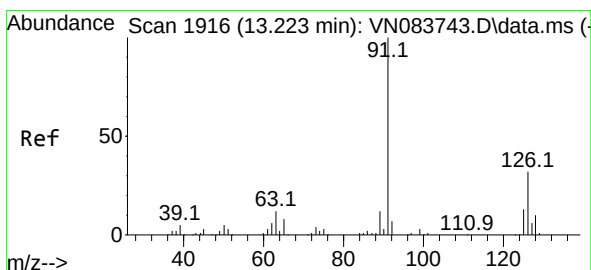
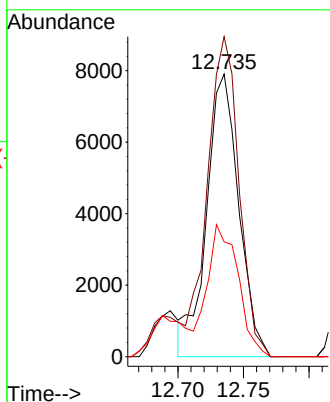
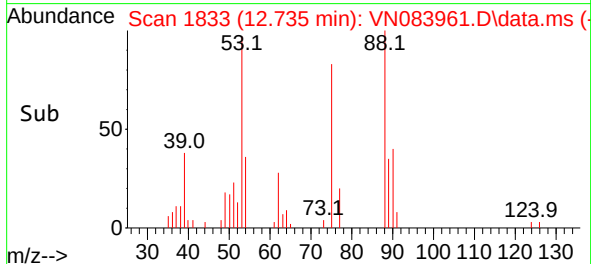
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



Tgt Ion: 75 Resp: 1350
Ion Ratio Lower Upper
75 100
53 110.4 81.2 121.8
89 44.4 35.7 53.5

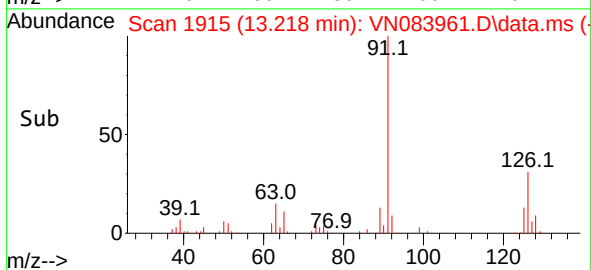
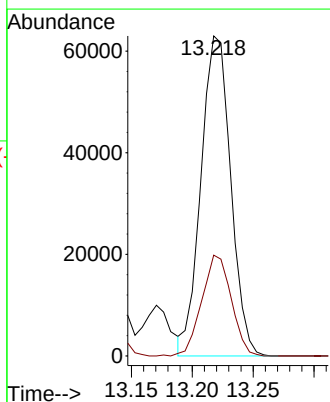
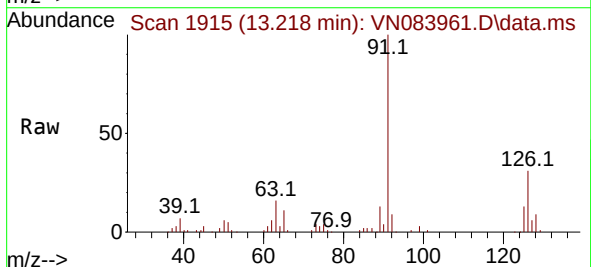
Manual Integrations
APPROVED

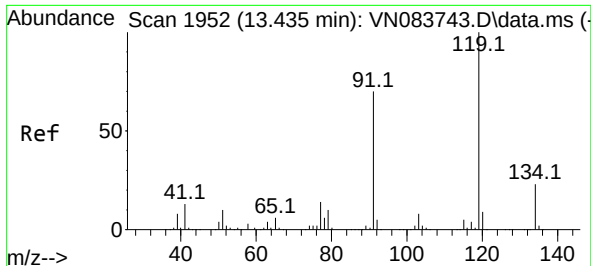
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#82
4-Chlorotoluene
Concen: 19.019 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

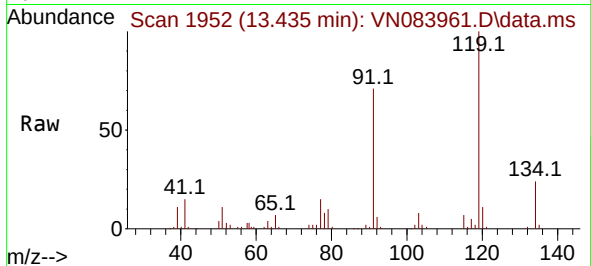
Tgt Ion: 91 Resp: 106923
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.2





#83
tert-Butylbenzene
Concen: 19.065 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

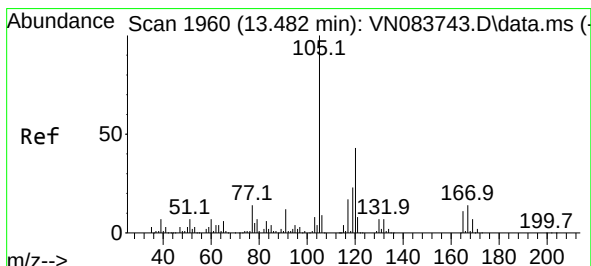
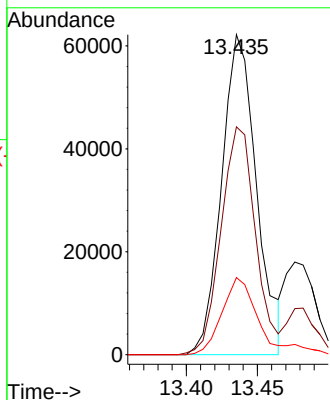
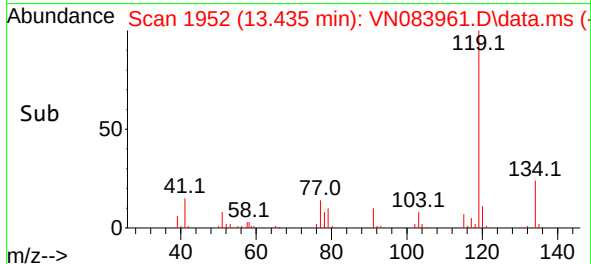
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



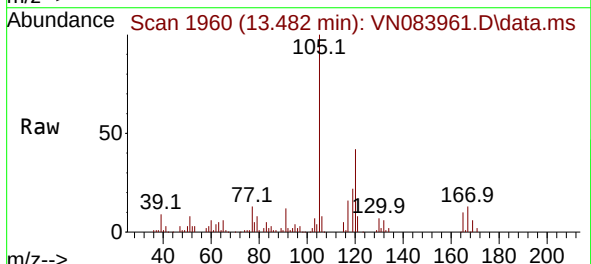
Tgt Ion:119 Resp: 10617
Ion Ratio Lower Upper
119 100
91 70.2 34.5 103.6
134 25.6 12.8 38.4

Manual Integrations
APPROVED

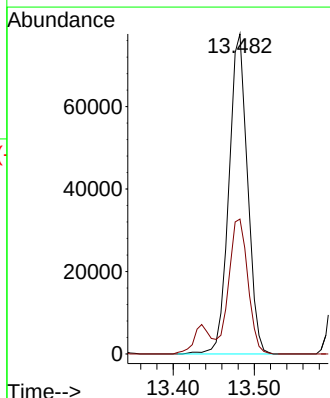
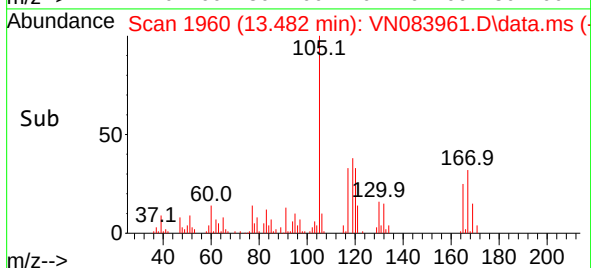
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

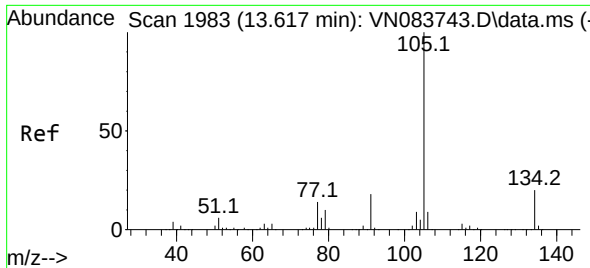


#84
1,2,4-Trimethylbenzene
Concen: 19.290 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



Tgt Ion:105 Resp: 123339
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.4





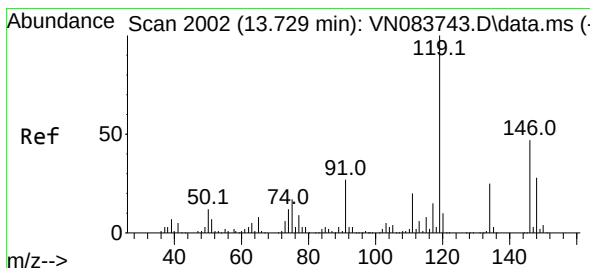
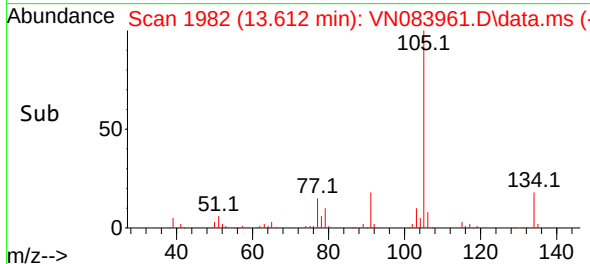
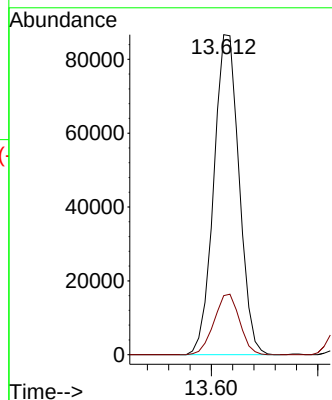
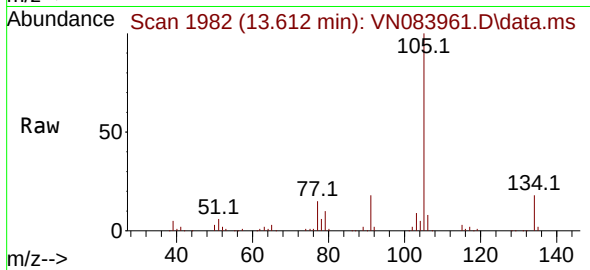
#85
 sec-Butylbenzene
 Concen: 19.348 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083961.D
 Acq: 18 Sep 2024 04:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Tgt Ion:105 Resp: 142894
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

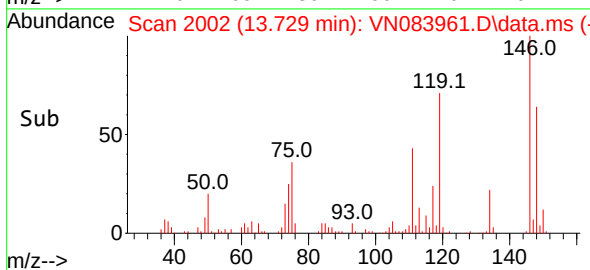
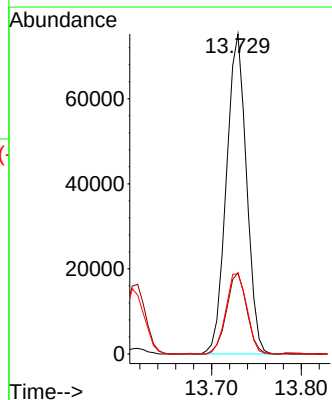
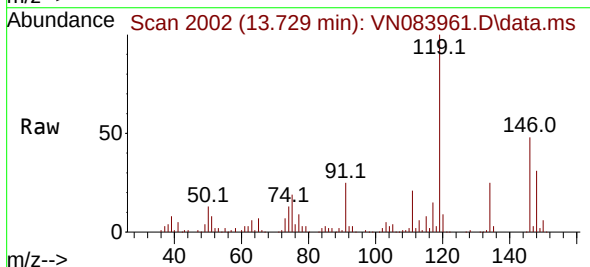
Manual Integrations
 APPROVED

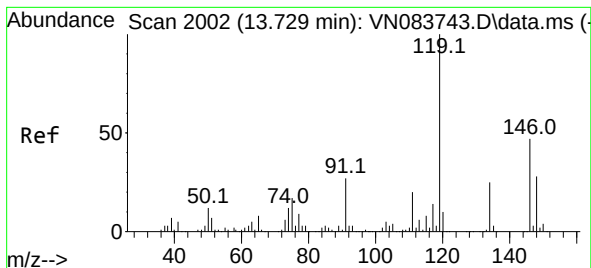
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 18.895 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083961.D
 Acq: 18 Sep 2024 04:45

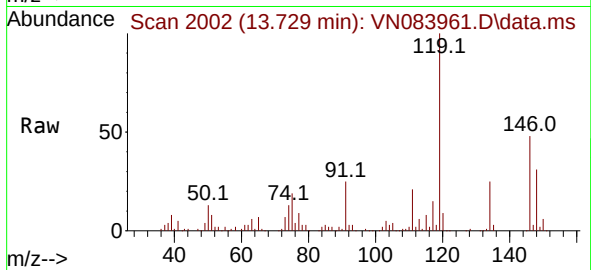
Tgt Ion:119 Resp: 116977
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 26.3 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 17.775 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

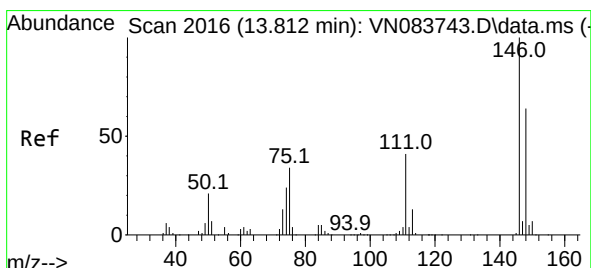
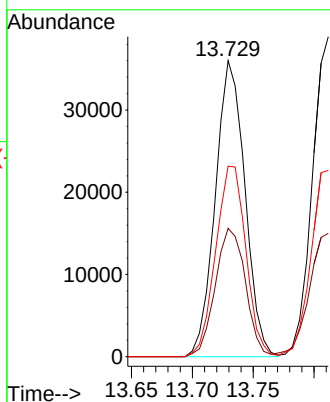
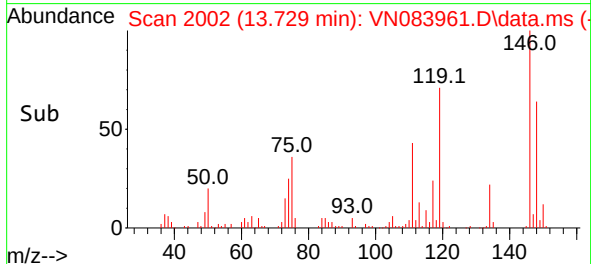
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBSD01



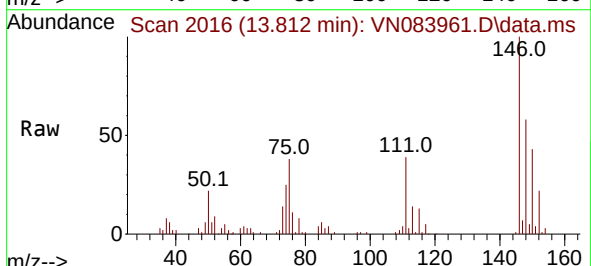
Tgt Ion:146 Resp: 60962
Ion Ratio Lower Upper
146 100
111 44.1 21.7 65.1
148 65.6 31.7 95.1

Manual Integrations
APPROVED

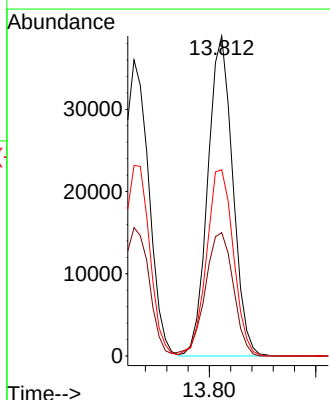
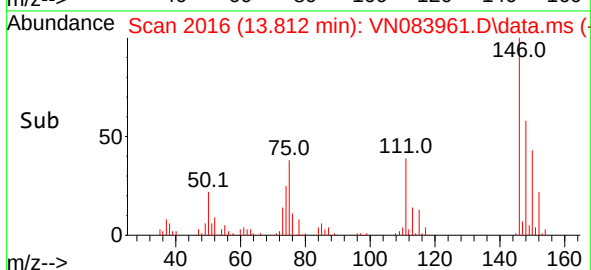
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

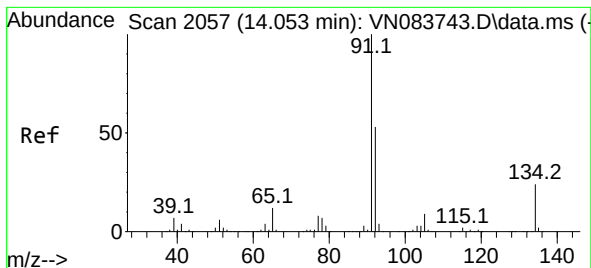


#88
1,4-Dichlorobenzene
Concen: 18.218 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



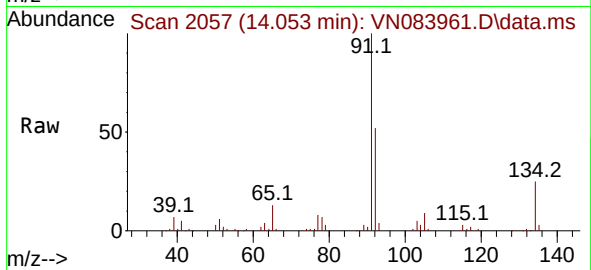
Tgt Ion:146 Resp: 63269
Ion Ratio Lower Upper
146 100
111 43.5 21.3 64.0
148 62.6 32.0 96.2





#89
n-Butylbenzene
Concen: 17.537 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

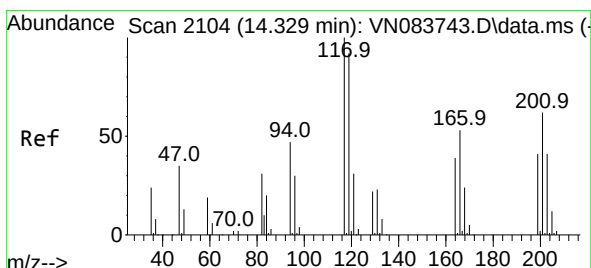
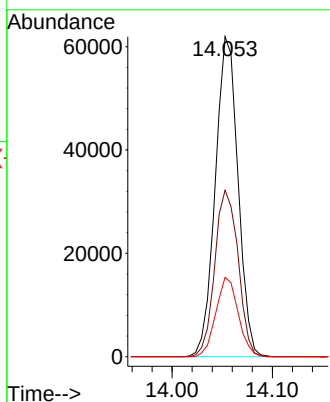
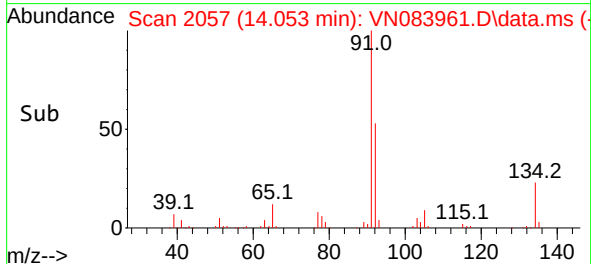
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



Tgt Ion: 91 Resp: 97479
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 24.4 12.2 36.4

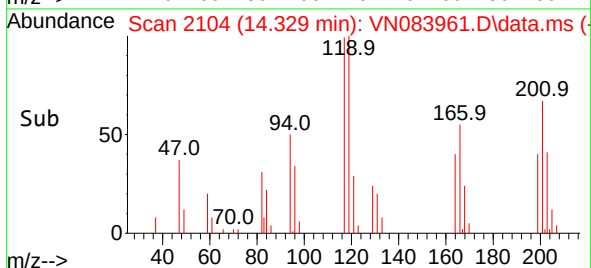
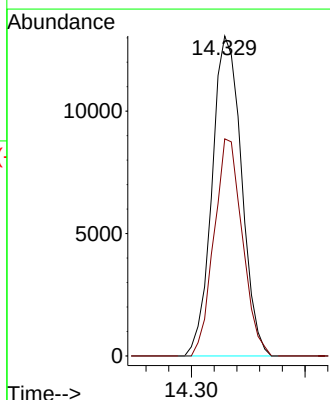
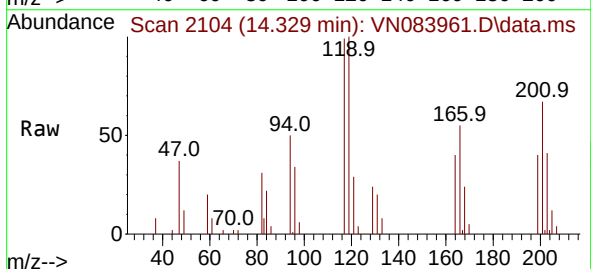
Manual Integrations
APPROVED

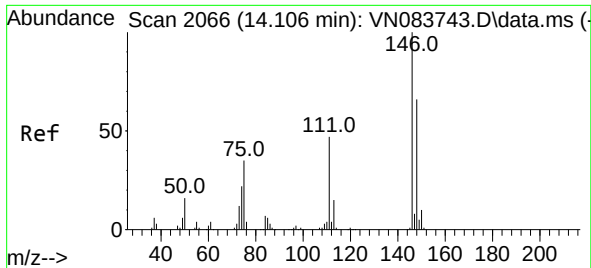
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#90
Hexachloroethane
Concen: 18.913 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion:117 Resp: 23537
Ion Ratio Lower Upper
117 100
201 65.4 32.8 98.3





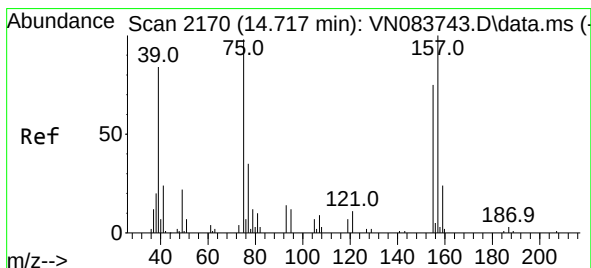
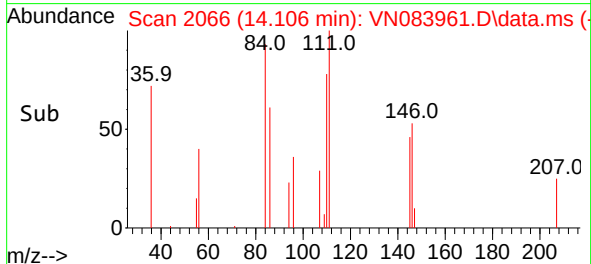
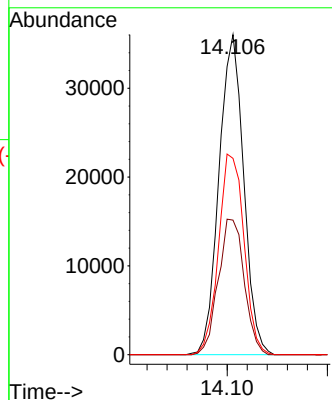
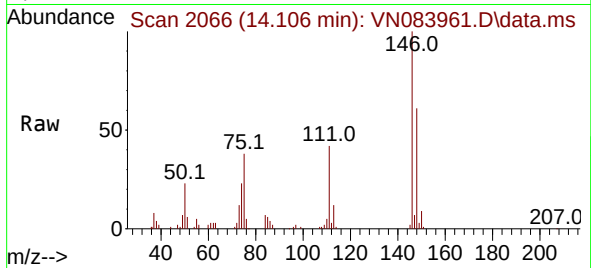
#91
1,2-Dichlorobenzene
Concen: 18.587 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tgt Ion:146 Resp: 61524
Ion Ratio Lower Upper
146 100
111 44.5 22.8 68.3
148 64.7 32.1 96.5

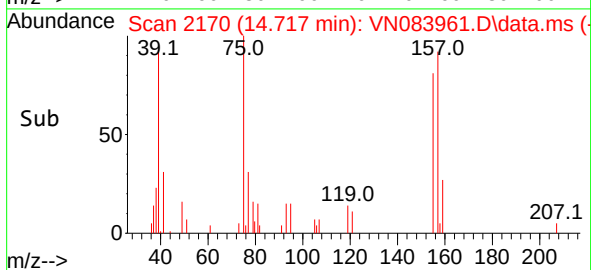
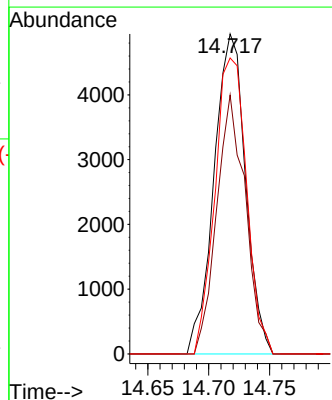
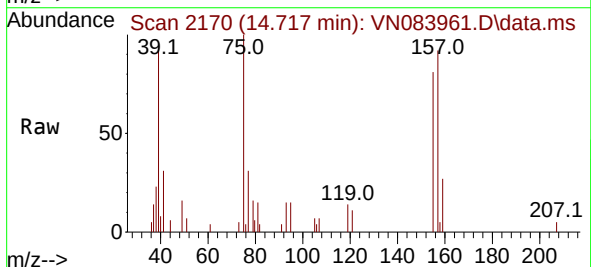
Manual Integrations
APPROVED

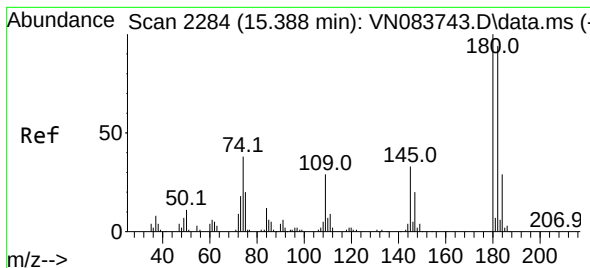
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.111 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

Tgt Ion: 75 Resp: 8893
Ion Ratio Lower Upper
75 100
155 73.7 35.9 107.7
157 92.9 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 16.612 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

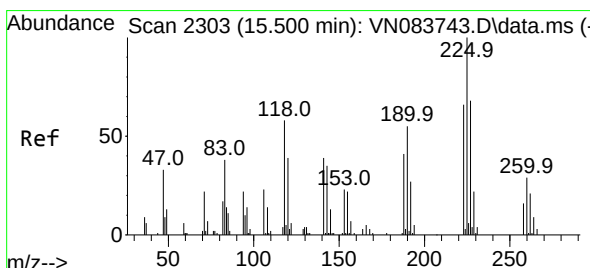
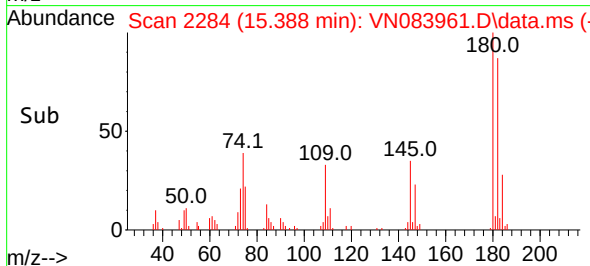
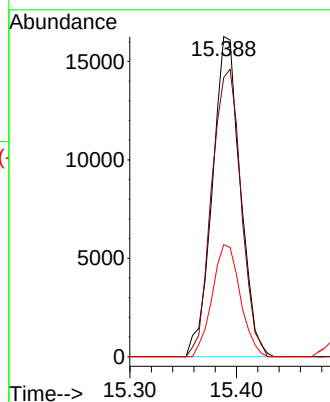
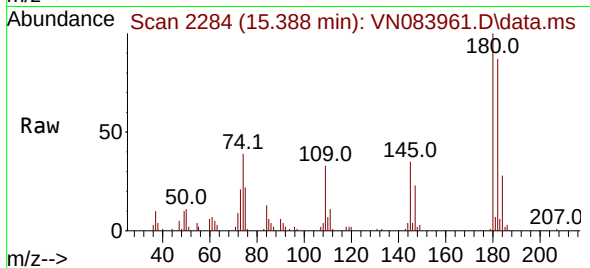
Tgt Ion:180	Resp:	29500
Ion Ratio	Lower	Upper
180	100	
182	94.7	48.1 144.3
145	35.2	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#94

Hexachlorobutadiene

Concen: 17.345 ug/l

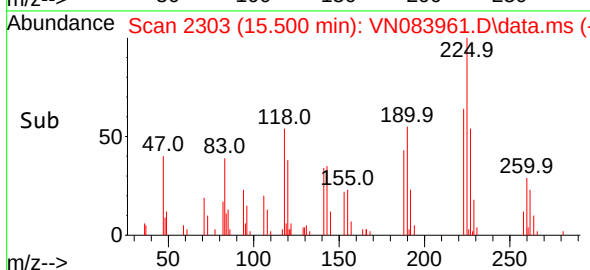
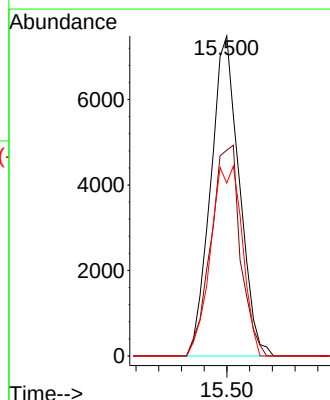
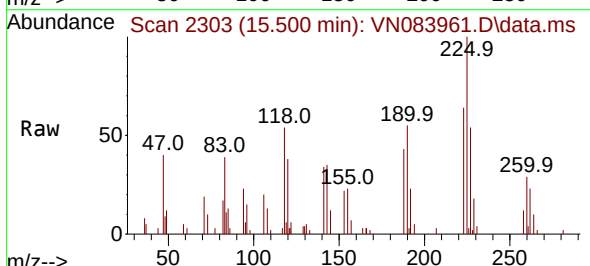
RT: 15.500 min Scan# 2303

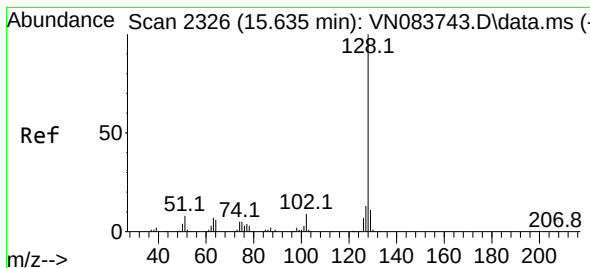
Delta R.T. 0.000 min

Lab File: VN083961.D

Acq: 18 Sep 2024 04:45

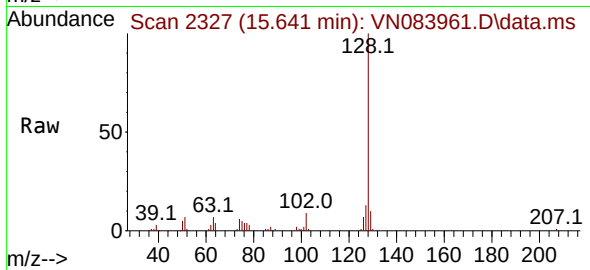
Tgt Ion:225	Resp:	13084
Ion Ratio	Lower	Upper
225	100	
223	68.1	31.9 95.5
227	65.6	32.0 96.2





#95
Naphthalene
Concen: 17.986 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45

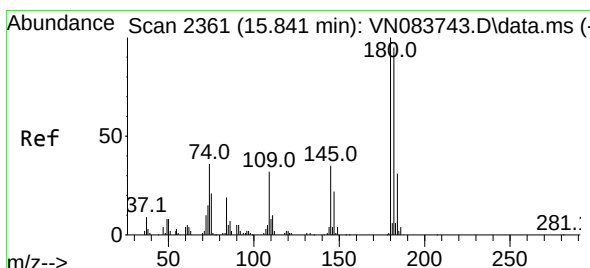
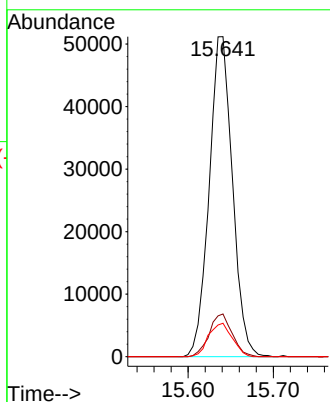
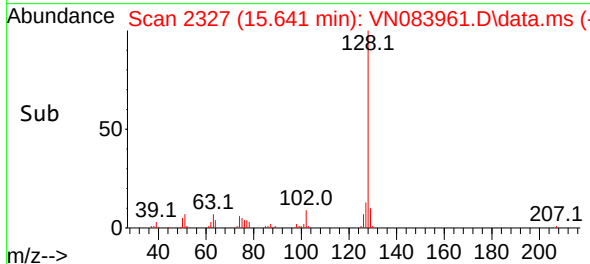
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01



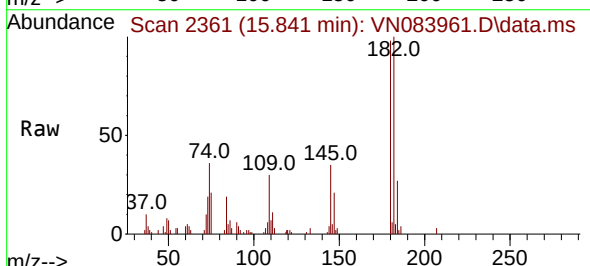
Tgt Ion:128 Resp: 97190
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.654 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083961.D
Acq: 18 Sep 2024 04:45



Tgt Ion:180 Resp: 29968
Ion Ratio Lower Upper
180 100
182 98.0 47.1 141.4
145 33.6 17.8 53.5

