

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074502.D
 Acq On : 16 Sep 2022 11:55
 Operator : JC\MD
 Sample : VN0916WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 16 16:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	254756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	495232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	425278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	186600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221880	51.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	7.951	113	165719	50.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	10.381	98	632219	49.692	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.675	95	207714	47.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	48639	17.543	ug/l	97
3) Chloromethane	2.269	50	99866	21.562	ug/l	91
4) Vinyl Chloride	2.411	62	106073	21.254	ug/l	96
5) Bromomethane	2.805	94	68132	25.887	ug/l	98
6) Chloroethane	2.964	64	89381	26.219	ug/l	96
7) Trichlorofluoromethane	3.322	101	101434	18.405	ug/l	98
8) Diethyl Ether	3.769	74	54725	19.472	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.146	101	63992	18.768	ug/l	85
10) Methyl Iodide	4.352	142	78114	19.420	ug/l	94
11) Tert butyl alcohol	5.275	59	124192	88.199	ug/l	98
12) 1,1-Dichloroethene	4.105	96	61109	18.631	ug/l	95
13) Acrolein	3.981	56	52731	102.546	ug/l	100
14) Allyl chloride	4.763	41	156566	19.542	ug/l #	94
15) Acrylonitrile	5.469	53	328162	103.736	ug/l	98
16) Acetone	4.216	43	270981	97.969	ug/l	94
17) Carbon Disulfide	4.458	76	158996	17.281	ug/l	97
18) Methyl Acetate	4.775	43	172951	20.131	ug/l #	87
19) Methyl tert-butyl Ether	5.522	73	275225	19.463	ug/l	96
20) Methylene Chloride	5.011	84	86638	20.535	ug/l	83
21) trans-1,2-Dichloroethene	5.510	96	66541	18.330	ug/l	95
22) Diisopropyl ether	6.405	45	324991	20.201	ug/l	96
23) Vinyl Acetate	6.346	43	1496864	105.491	ug/l #	92
24) 1,1-Dichloroethane	6.299	63	152687	18.987	ug/l	98
25) 2-Butanone	7.252	43	478469	104.187	ug/l #	87
26) 2,2-Dichloropropane	7.246	77	117541	16.954	ug/l	99
27) cis-1,2-Dichloroethene	7.246	96	83907	17.788	ug/l	90
28) Bromochloromethane	7.581	49	48441	20.440	ug/l #	65
29) Tetrahydrofuran	7.604	42	307768	101.929	ug/l #	86
30) Chloroform	7.740	83	142369	19.181	ug/l	92
31) Cyclohexane	8.016	56	144556	18.841	ug/l	89
32) 1,1,1-Trichloroethane	7.940	97	113367	17.415	ug/l	93
36) 1,1-Dichloropropene	8.151	75	100415	17.245	ug/l	97
37) Ethyl Acetate	7.328	43	184418	20.508	ug/l #	94
38) Carbon Tetrachloride	8.128	117	94079	17.499	ug/l #	96
39) Methylcyclohexane	9.393	83	124260	17.946	ug/l	90
40) Benzene	8.387	78	344359	19.125	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	79286	18.237	ug/l	94
42) 1,2-Dichloroethane	8.457	62	117590	19.030	ug/l	99
43) Isopropyl Acetate	8.493	43	286315	20.326	ug/l #	92
44) Trichloroethene	9.151	130	68106	17.480	ug/l	77
45) 1,2-Dichloropropane	9.428	63	98553	19.916	ug/l #	88
46) Dibromomethane	9.510	93	58403	18.844	ug/l #	83
47) Bromodichloromethane	9.698	83	114815	18.896	ug/l	99
48) Methyl methacrylate	9.498	41	120408	19.278	ug/l	85
49) 1,4-Dioxane	9.504	88	41083	342.130	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	961942	104.577	ug/l	89
52) Toluene	10.445	92	205588	19.471	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	132510	18.711	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	141627	18.688	ug/l #	88
55) 1,1,2-Trichloroethane	10.834	97	88314	19.746	ug/l	95
56) Ethyl methacrylate	10.698	69	152624	19.104	ug/l #	78
57) 1,3-Dichloropropane	10.987	76	158994	20.276	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	368307	104.752	ug/l	89
59) 2-Hexanone	11.022	43	729814	103.933	ug/l	87
60) Dibromochloromethane	11.181	129	80212	18.734	ug/l	99
61) 1,2-Dibromoethane	11.287	107	81261	18.703	ug/l	97
64) Tetrachloroethene	10.916	164	52646	18.038	ug/l	92
65) Chlorobenzene	11.710	112	201664	18.889	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.781	131	72678	18.736	ug/l	99
67) Ethyl Benzene	11.787	91	382432	19.510	ug/l	99
68) m/p-Xylenes	11.892	106	279151	38.518	ug/l	95
69) o-Xylene	12.222	106	146907	19.881	ug/l	99
70) Styrene	12.234	104	233595	19.004	ug/l	99
71) Bromoform	12.398	173	53097	18.624	ug/l #	98
73) Isopropylbenzene	12.522	105	358049	18.740	ug/l	99
74) N-amyl acetate	12.328	43	239893	20.081	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	145432	18.994	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	111670m	19.442	ug/l	
77) Bromobenzene	12.798	156	76600	18.768	ug/l	71
78) n-propylbenzene	12.863	91	420782	18.491	ug/l	94
79) 2-Chlorotoluene	12.945	91	250821	18.464	ug/l	94
80) 1,3,5-Trimethylbenzene	13.004	105	297426	19.096	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	47851	17.981	ug/l	94
82) 4-Chlorotoluene	13.045	91	239402	18.541	ug/l	95
83) tert-Butylbenzene	13.263	119	261351	18.438	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	285545	18.218	ug/l	99
85) sec-Butylbenzene	13.445	105	361428	18.570	ug/l	97
86) p-Isopropyltoluene	13.557	119	286934	18.910	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	138896	18.519	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	139579	18.517	ug/l	98
89) n-Butylbenzene	13.886	91	253801	18.557	ug/l	94
90) Hexachloroethane	14.151	117	55650	16.856	ug/l	79
91) 1,2-Dichlorobenzene	13.933	146	142246	18.281	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.551	75	30539	18.063	ug/l	79
93) 1,2,4-Trichlorobenzene	15.204	180	65691	17.721	ug/l	92
94) Hexachlorobutadiene	15.304	225	27579	16.928	ug/l	99
95) Naphthalene	15.439	128	285558	18.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	65516	17.936	ug/l	97

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VN0916WBSD01

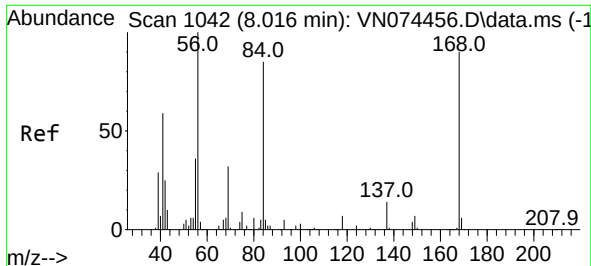
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

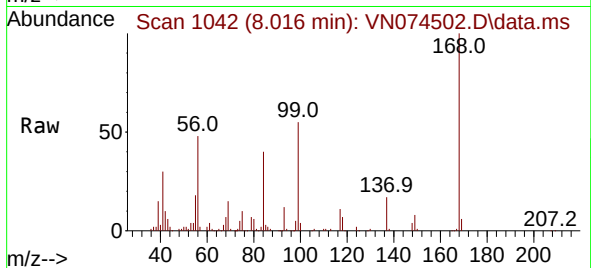
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074502.D
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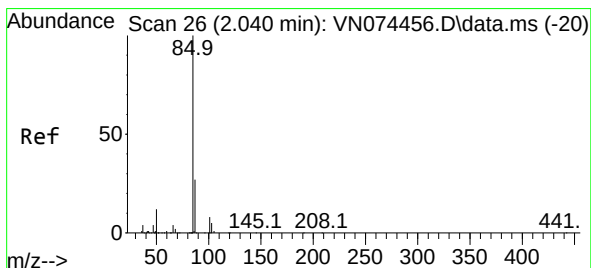
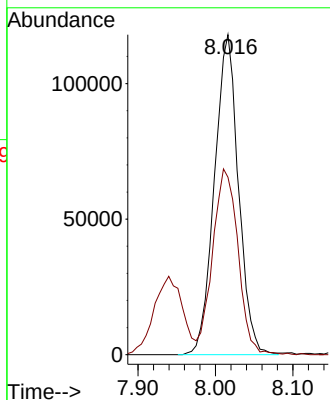
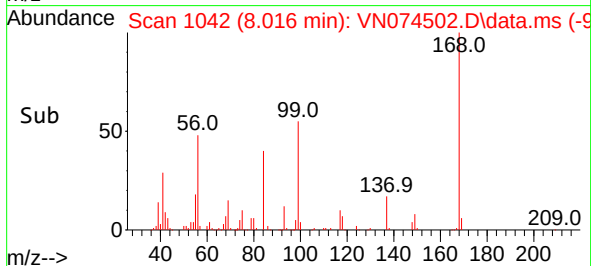
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion: 168 Resp: 254750
Ion Ratio Lower Upper
168 100
99 55.1 42.3 63.5

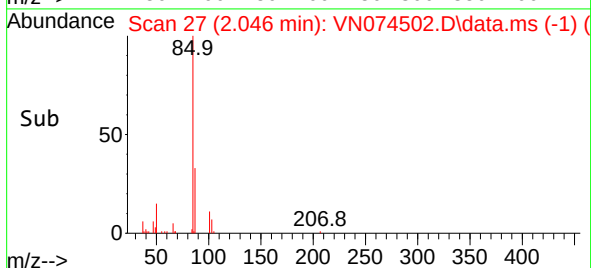
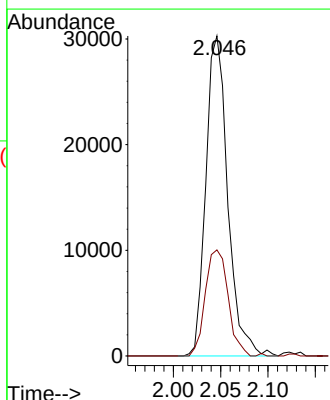
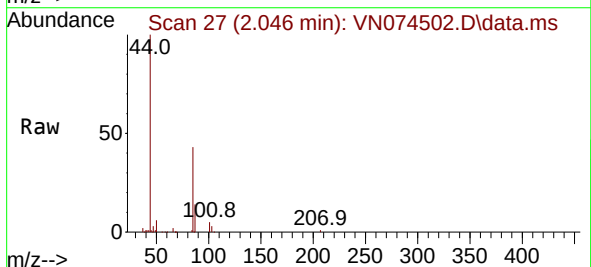
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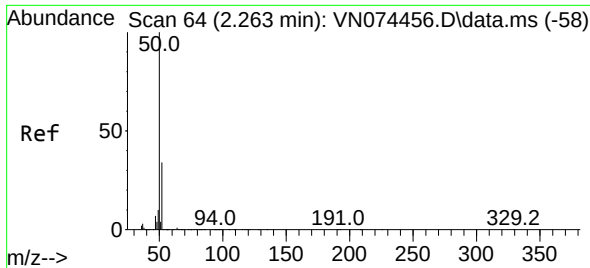
Reviewed By : John Carlone 09/17/2022
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#2
Dichlorodifluoromethane
Concen: 17.543 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

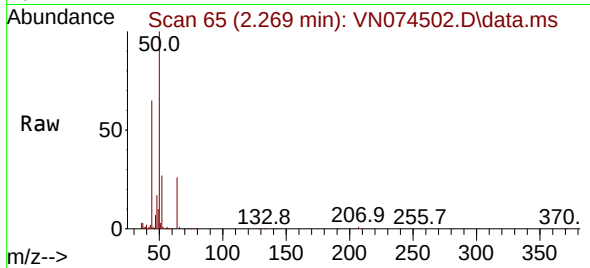
Tgt Ion: 85 Resp: 48639
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1





#3
Chloromethane
Concen: 21.562 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

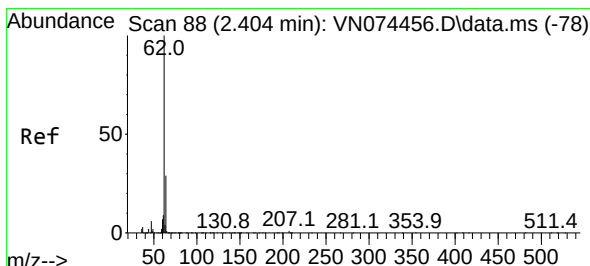
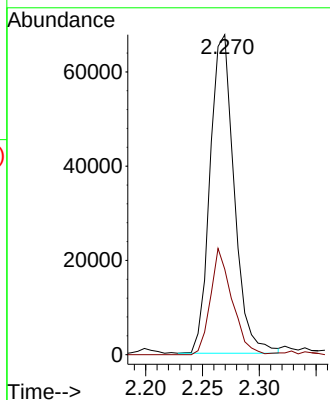
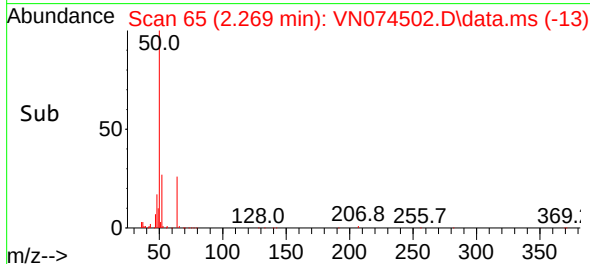
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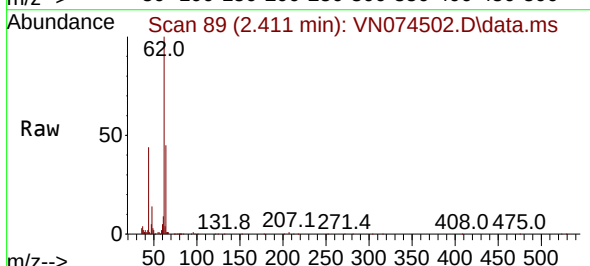
Tgt Ion: 50 Resp: 99860
Ion Ratio Lower Upper
50 100
52 26.8 25.7 38.5

Manual Integrations
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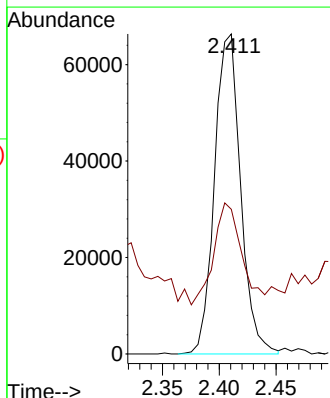
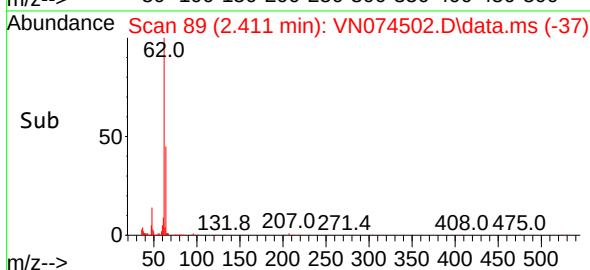
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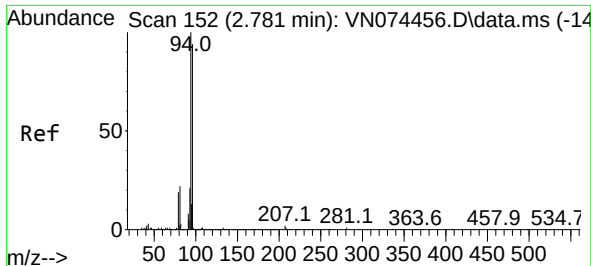


#4
Vinyl Chloride
Concen: 21.254 ug/l
RT: 2.411 min Scan# 89
Delta R.T. 0.007 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 62 Resp: 106073
Ion Ratio Lower Upper
62 100
64 28.7 25.0 37.4





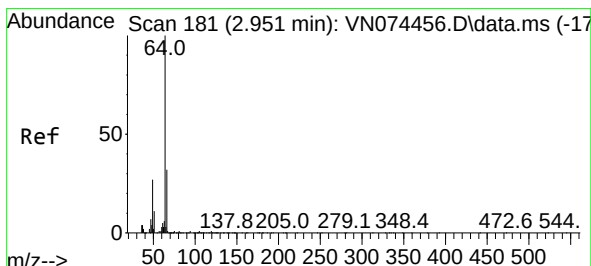
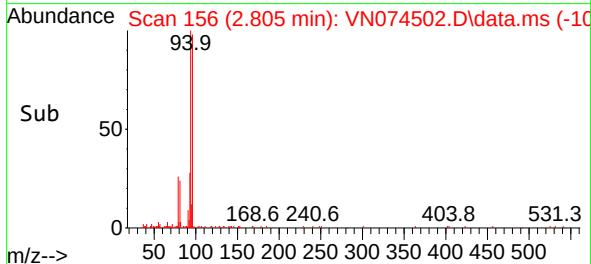
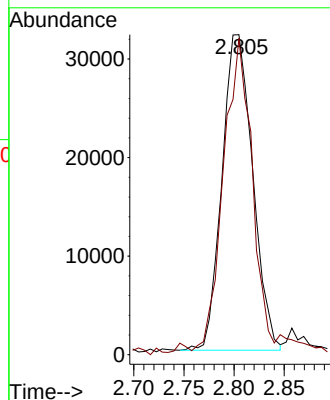
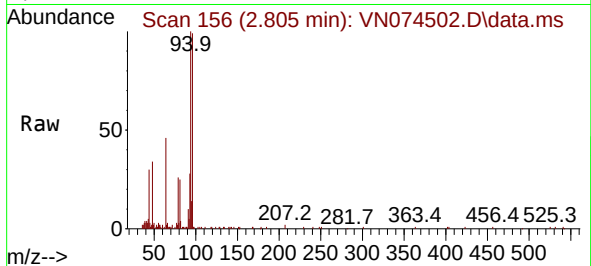
#5
Bromomethane
Concen: 25.887 ug/l
RT: 2.805 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074502.D
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Instrument :
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Tgt Ion: 94 Resp: 6813
Ion Ratio Lower Upper
94 100
96 96.6 76.0 114.0

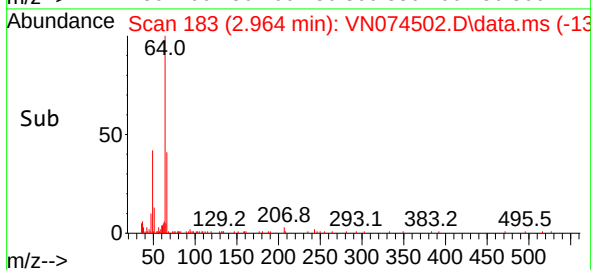
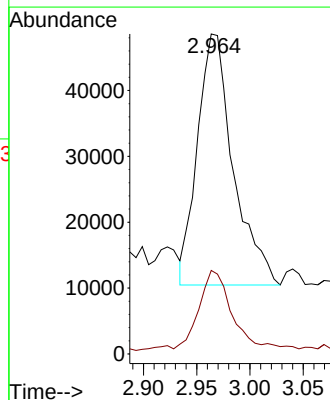
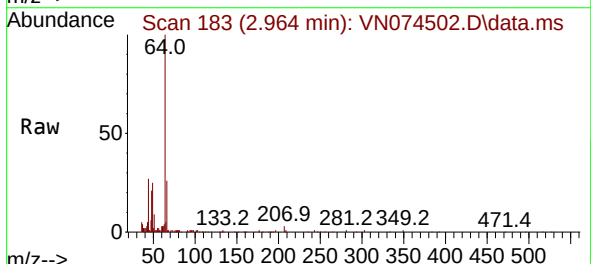
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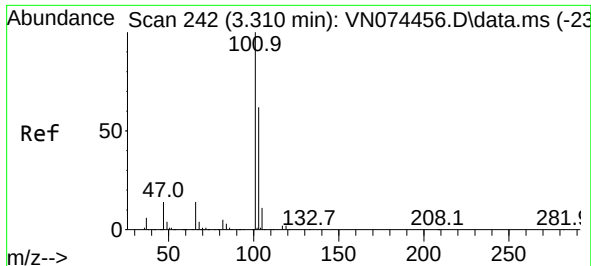
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#6
Chloroethane
Concen: 26.219 ug/l
RT: 2.964 min Scan# 183
Delta R.T. 0.013 min
Lab File: VN074502.D
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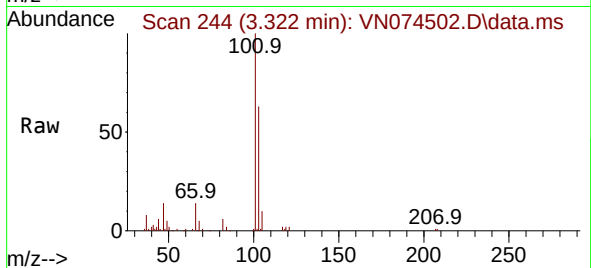
Tgt Ion: 64 Resp: 89381
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 18.405 ug/l
 RT: 3.322 min Scan# 24
 Delta R.T. 0.012 min
 Lab File: VN074502.D
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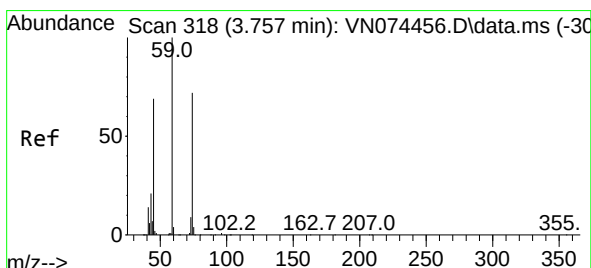
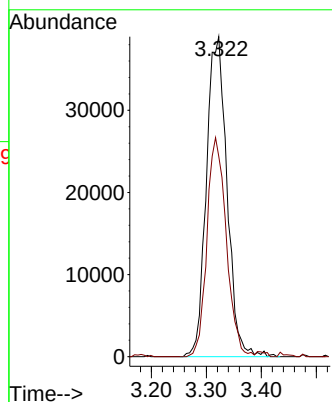
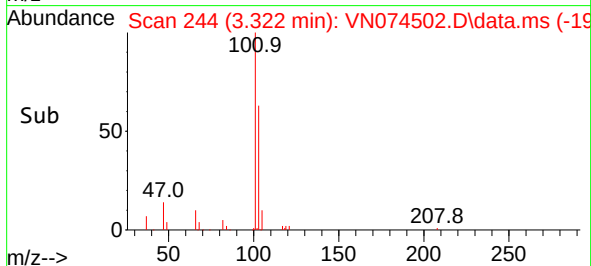
Instrument :
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Tgt Ion:101 Resp: 101434
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3

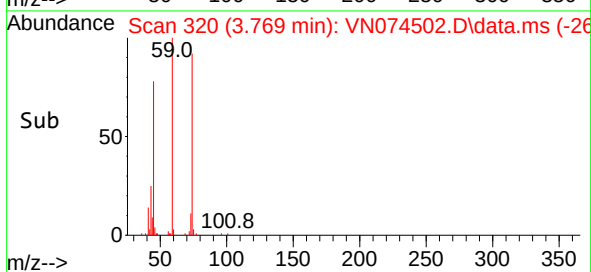
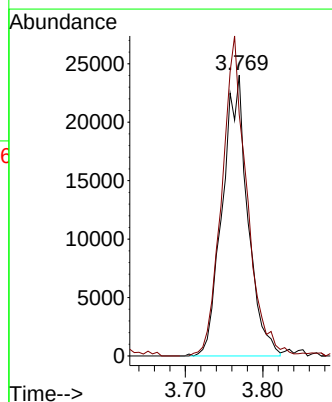
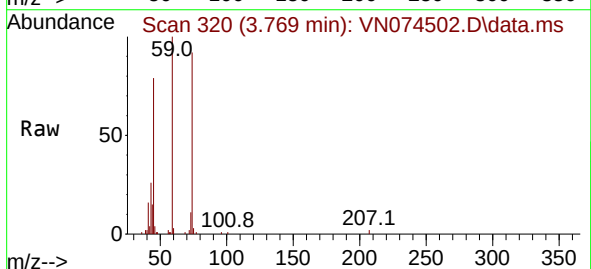
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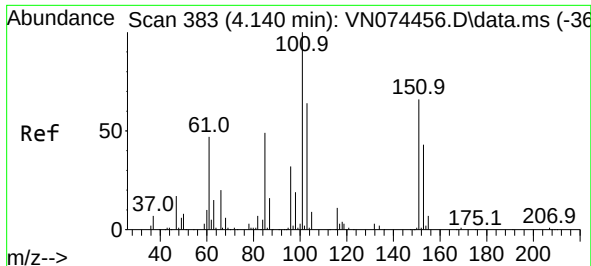
Reviewed By :John Carlone 09/17/2022
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#8
 Diethyl Ether
 Concen: 19.472 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 54725
 Ion Ratio Lower Upper
 74 100
 45 112.3 42.9 128.5





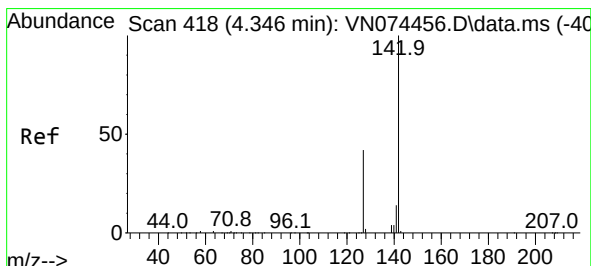
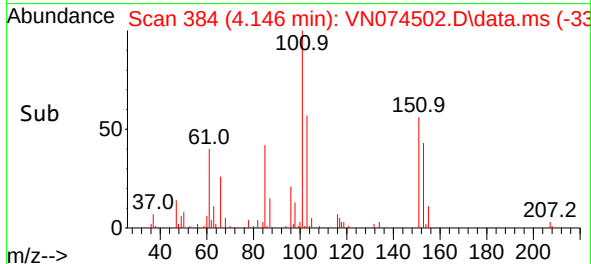
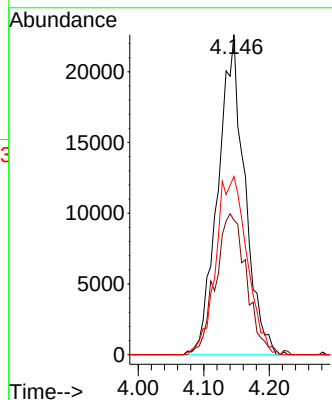
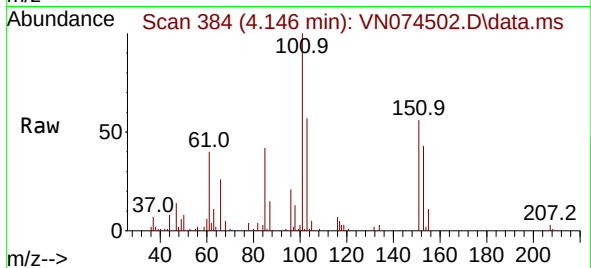
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.768 ug/l
RT: 4.146 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion:101 Resp: 63992
Ion Ratio Lower Upper
101 100
85 51.2 34.7 52.1
151 64.9 63.0 94.4

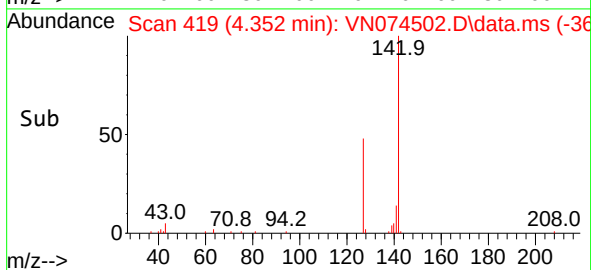
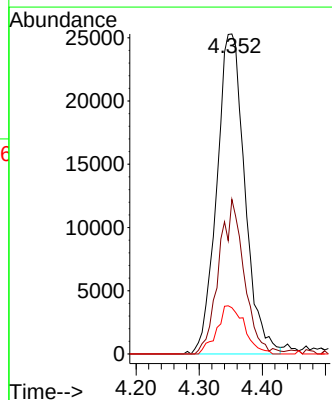
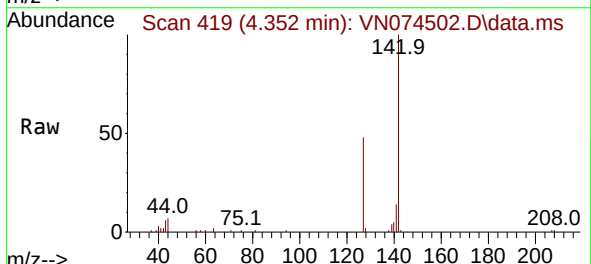
Manual Integrations
APPROVED

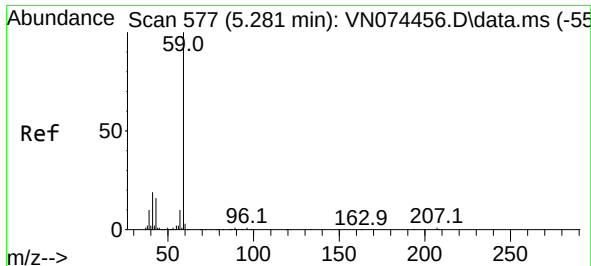
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 19.420 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

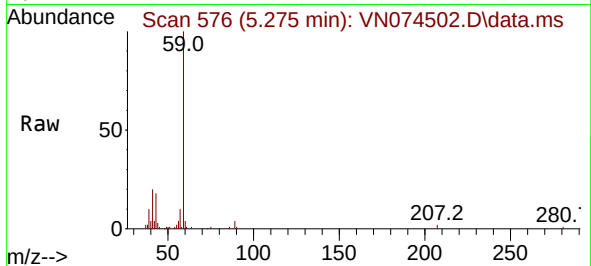
Tgt Ion:142 Resp: 78114
Ion Ratio Lower Upper
142 100
127 43.7 31.3 46.9
141 14.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 88.199 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

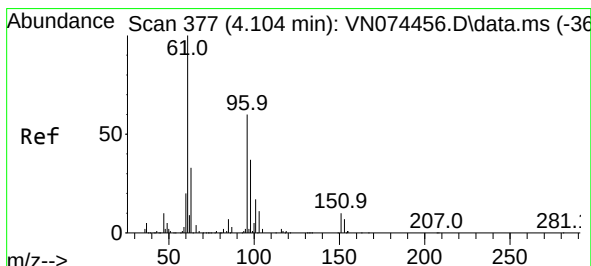
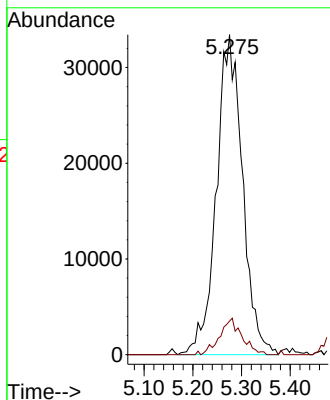
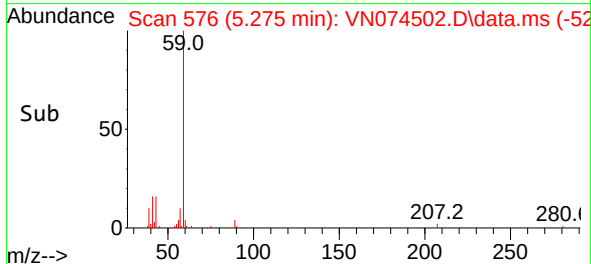
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



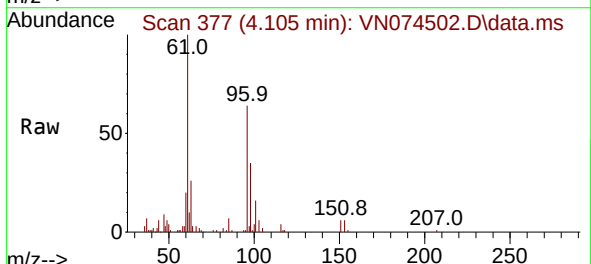
Tgt Ion: 59 Resp: 124192
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

Manual Integrations
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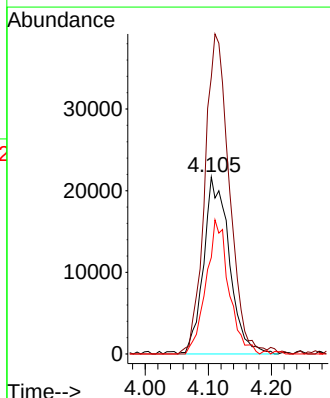
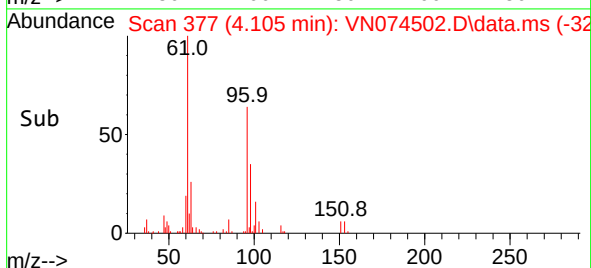
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

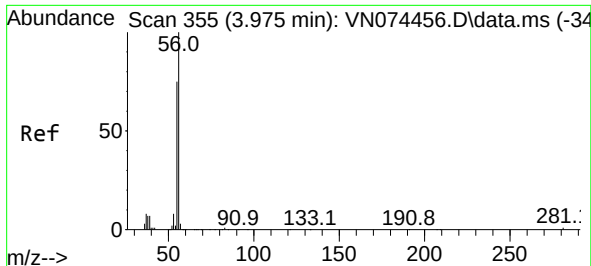


#12
1,1-Dichloroethene
Concen: 18.631 ug/l
RT: 4.105 min Scan# 377
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



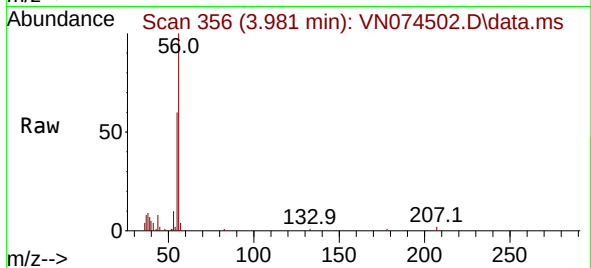
Tgt Ion: 96 Resp: 61109
Ion Ratio Lower Upper
96 100
61 156.4 127.6 191.4
98 54.5 51.2 76.8





#13
Acrolein
Concen: 102.546 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

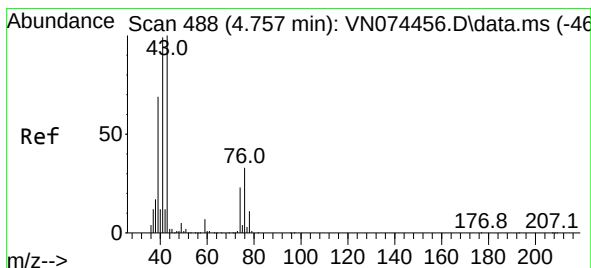
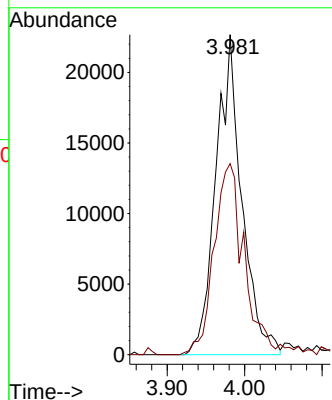
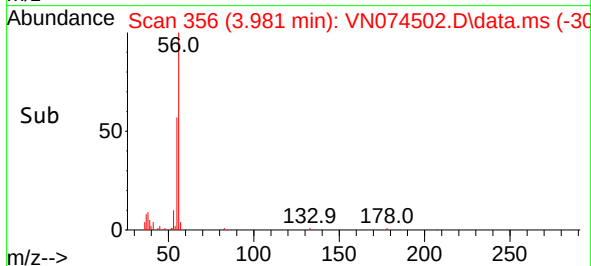
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion: 56 Resp: 5273
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2

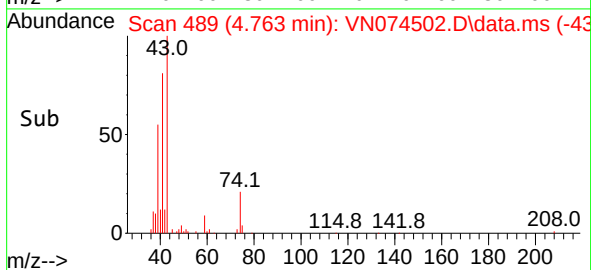
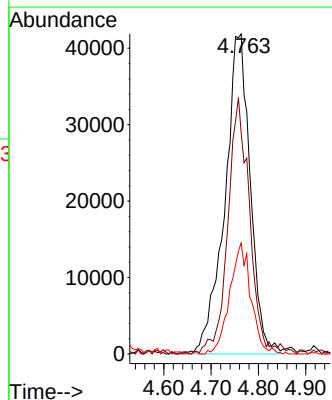
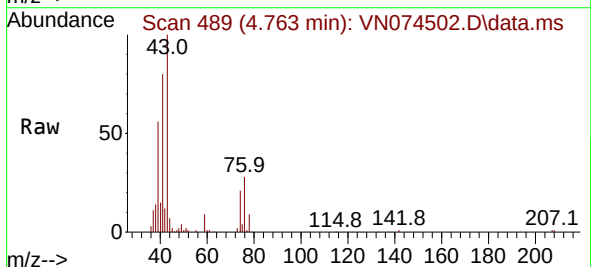
Manual Integrations
APPROVED

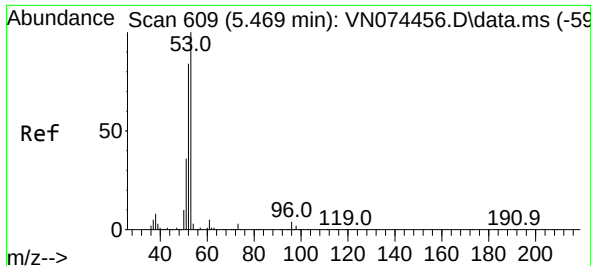
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#14
Allyl chloride
Concen: 19.542 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Tgt Ion: 41 Resp: 156566
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 28.5 29.9 44.9





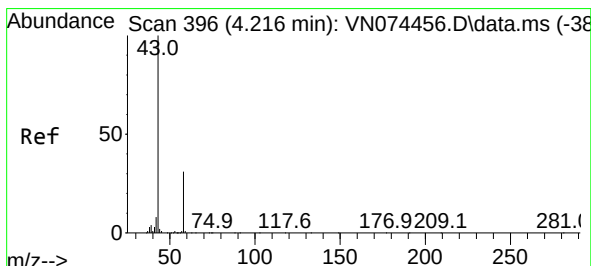
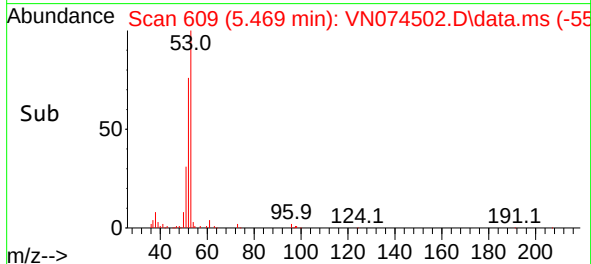
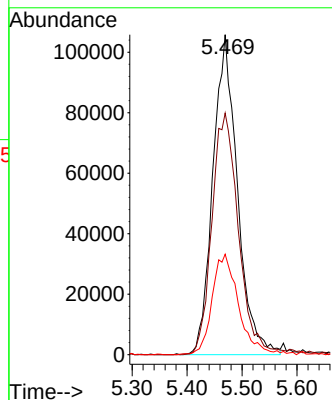
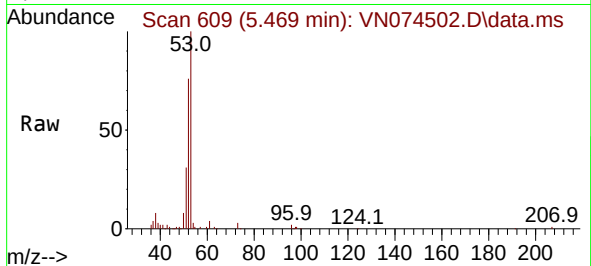
#15
Acrylonitrile
Concen: 103.736 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion: 53 Resp: 328162
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 33.5 28.5 42.7

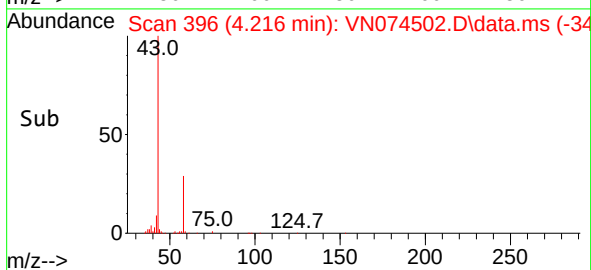
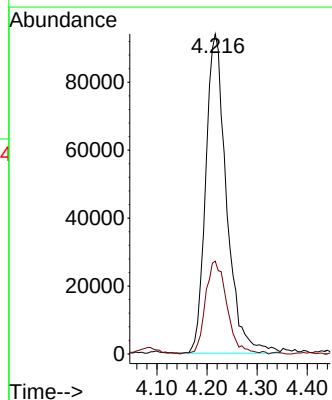
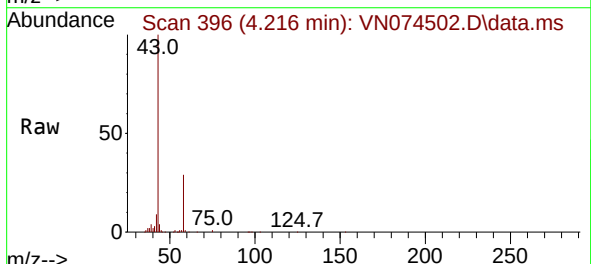
Manual Integrations
APPROVED

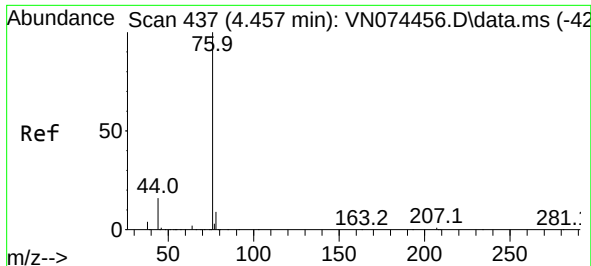
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 97.969 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

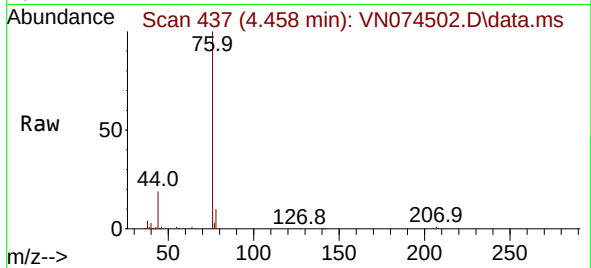
Tgt Ion: 43 Resp: 270981
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0





#17
Carbon Disulfide
Concen: 17.281 ug/l
RT: 4.458 min Scan# 41
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

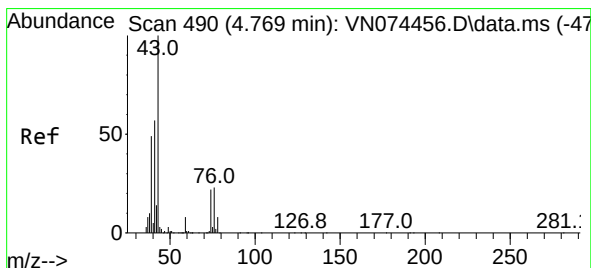
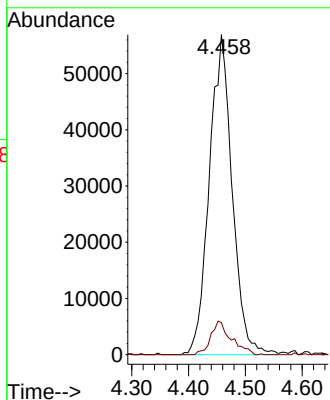
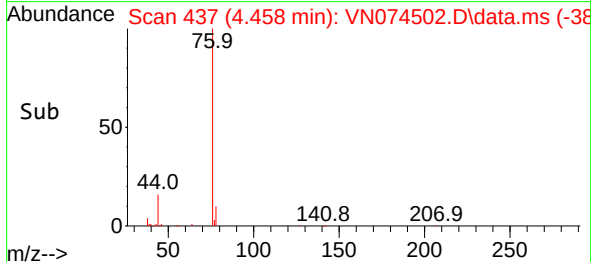
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



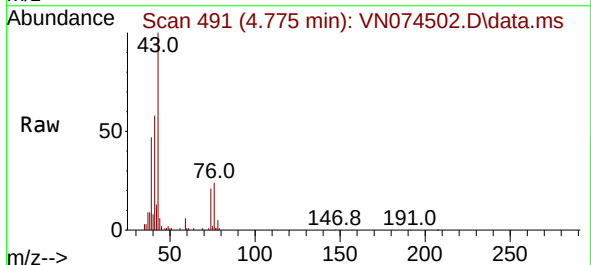
Tgt Ion: 76 Resp: 158990
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

Manual Integrations
APPROVED

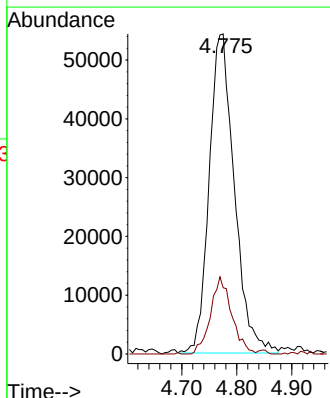
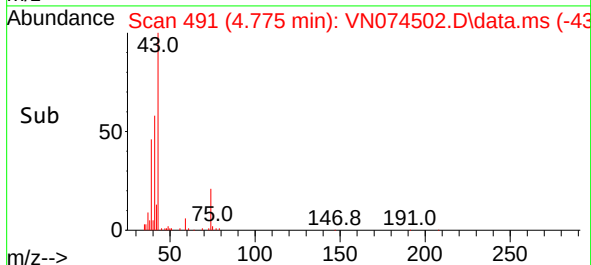
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

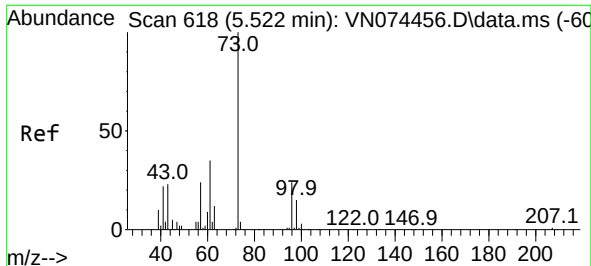


#18
Methyl Acetate
Concen: 20.131 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 43 Resp: 172951
Ion Ratio Lower Upper
43 100
74 20.2 21.6 32.4#





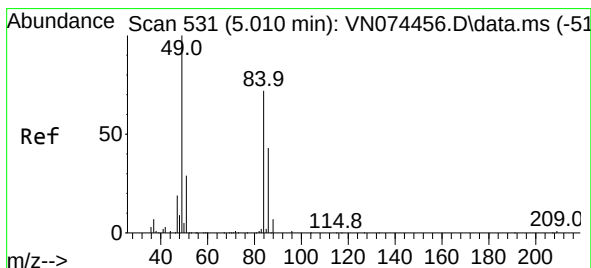
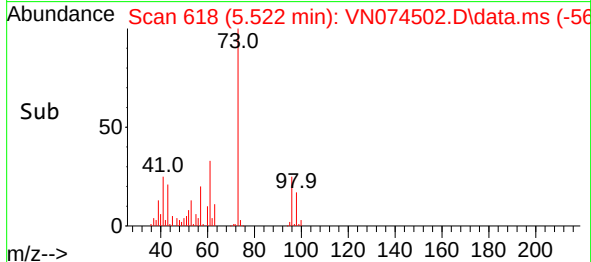
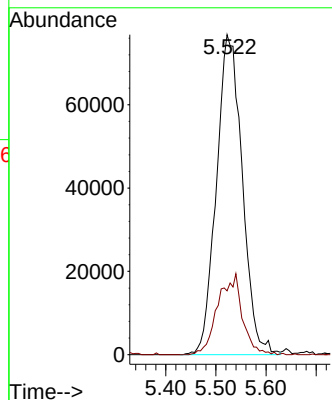
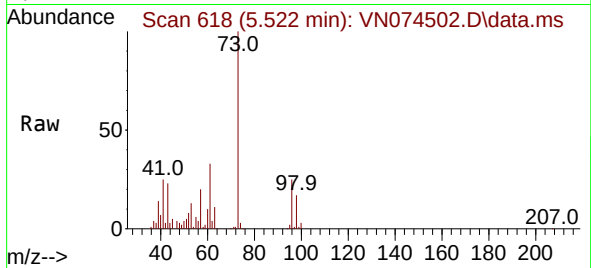
#19
Methyl tert-butyl Ether
Concen: 19.463 ug/l
RT: 5.522 min Scan# 618
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion: 73 Resp: 27522
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4

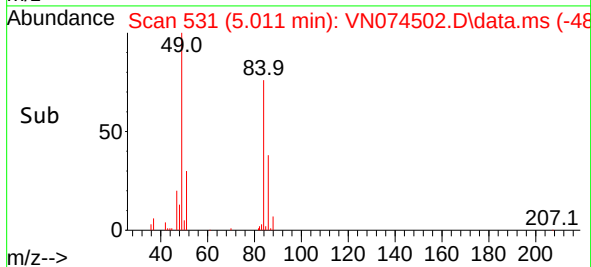
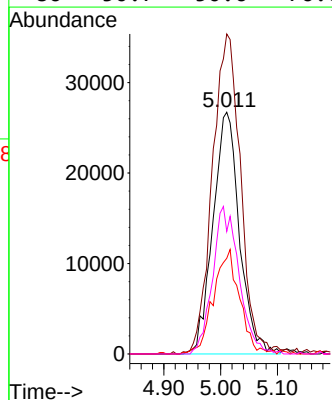
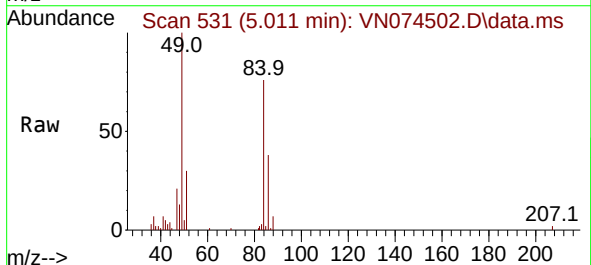
Manual Integrations
APPROVED

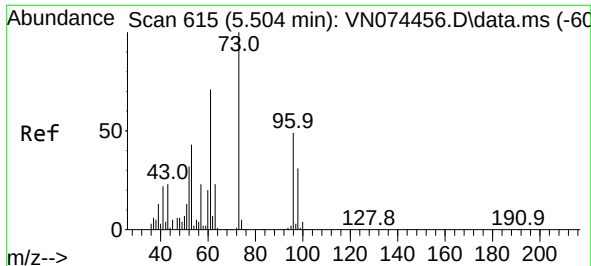
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 20.535 ug/l
RT: 5.011 min Scan# 531
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Tgt Ion: 84 Resp: 86638
Ion Ratio Lower Upper
84 100
49 132.4 88.3 132.5
51 39.6 28.2 42.2
86 50.7 50.6 76.0





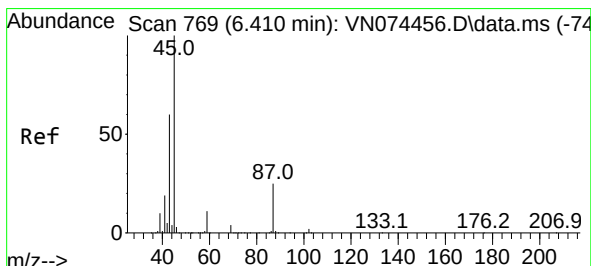
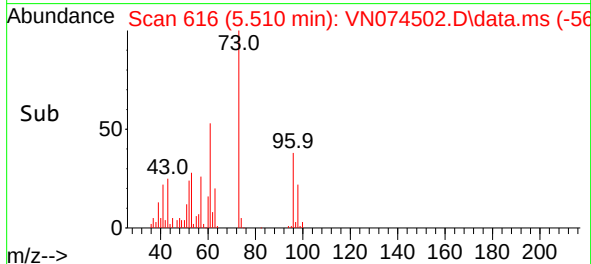
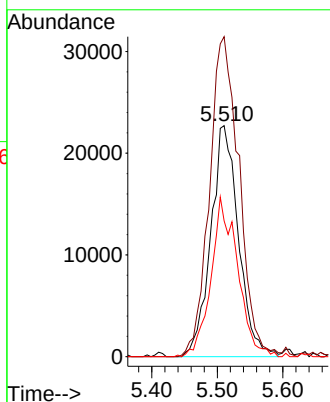
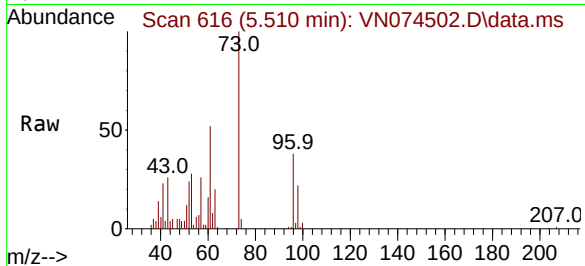
#21
trans-1,2-Dichloroethene
Concen: 18.330 ug/l
RT: 5.510 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion: 96 Resp: 6654
Ion Ratio Lower Upper
96 100
61 138.5 105.8 158.8
98 58.8 50.3 75.5

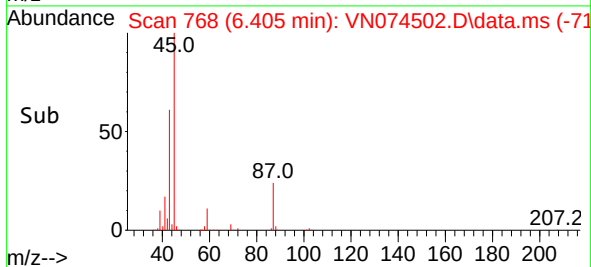
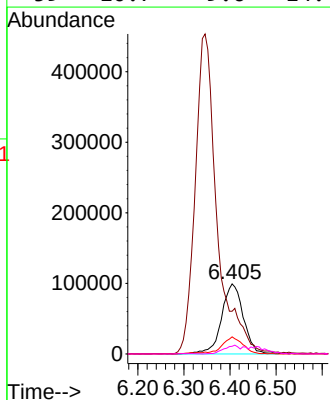
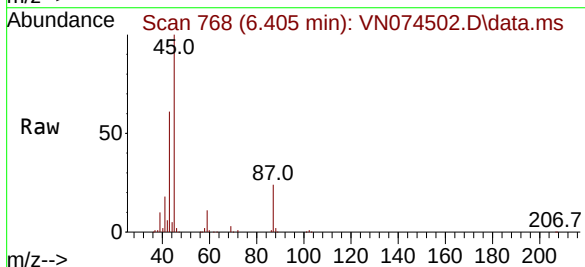
Manual Integrations
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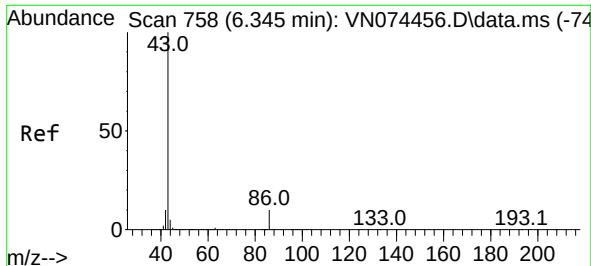
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 20.201 ug/l
RT: 6.405 min Scan# 768
Delta R.T. -0.005 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

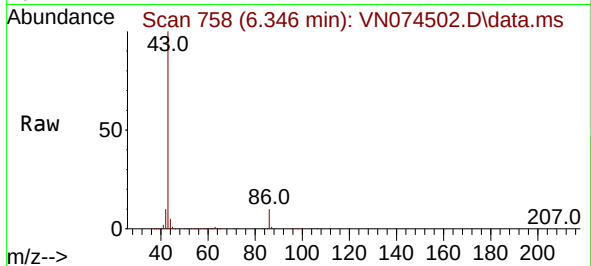
Tgt Ion: 45 Resp: 324991
Ion Ratio Lower Upper
45 100
43 58.3 46.6 70.0
87 24.3 24.3 36.5
59 10.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 105.491 ug/l
 RT: 6.346 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VN074502.D
 Acq: 16 Sep 2022 11:55

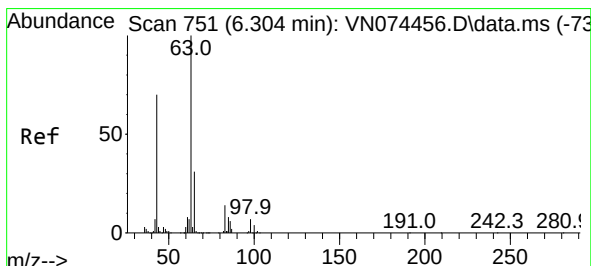
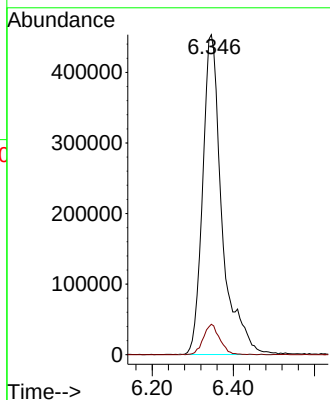
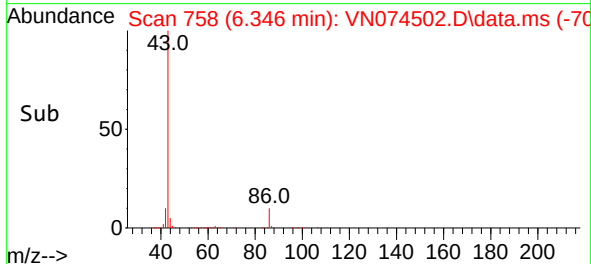
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01



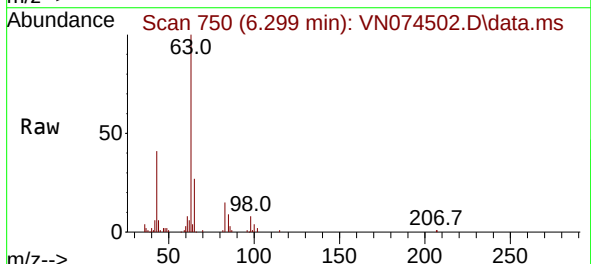
Tgt Ion: 43 Resp: 149686
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.0 15.0

Manual Integrations
 APPROVED

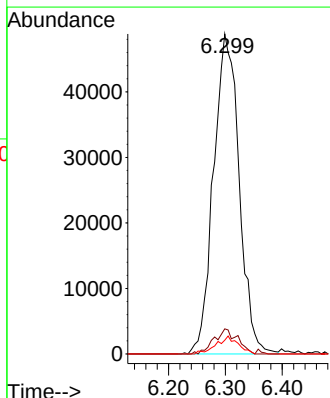
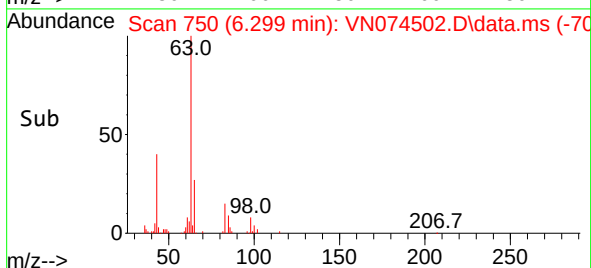
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

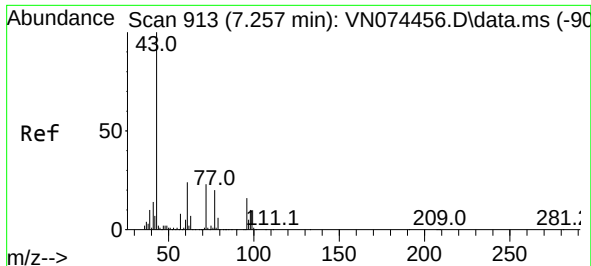


#24
 1,1-Dichloroethane
 Concen: 18.987 ug/l
 RT: 6.299 min Scan# 750
 Delta R.T. -0.005 min
 Lab File: VN074502.D
 Acq: 16 Sep 2022 11:55



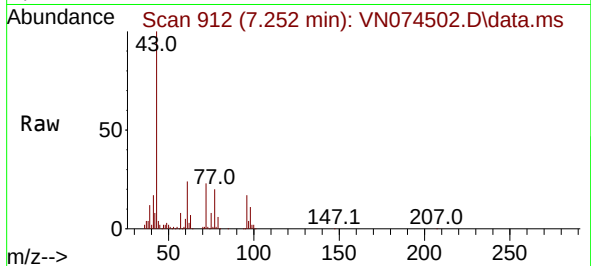
Tgt Ion: 63 Resp: 152687
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.3 2.3 6.8





#25
2-Butanone
Concen: 104.187 ug/l
RT: 7.252 min Scan# 912
Delta R.T. -0.005 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

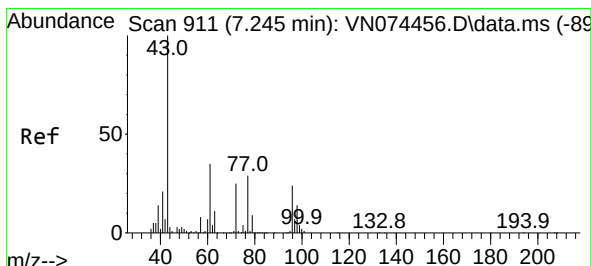
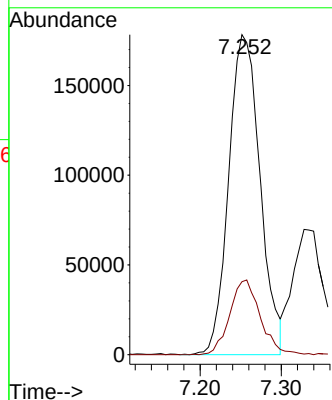
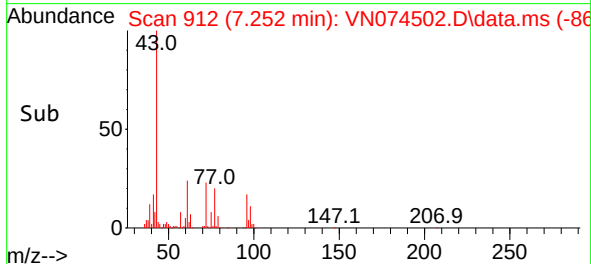
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



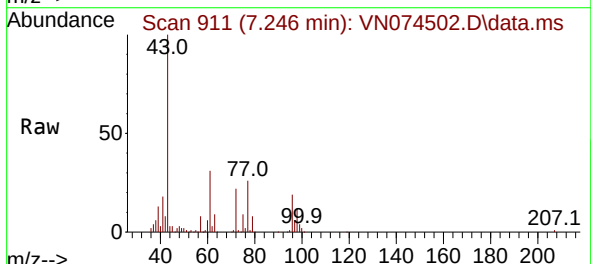
Tgt Ion: 43 Resp: 478469
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5

Manual Integrations
APPROVED

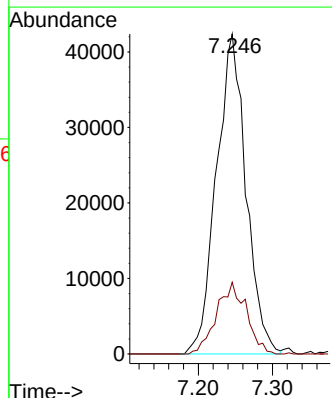
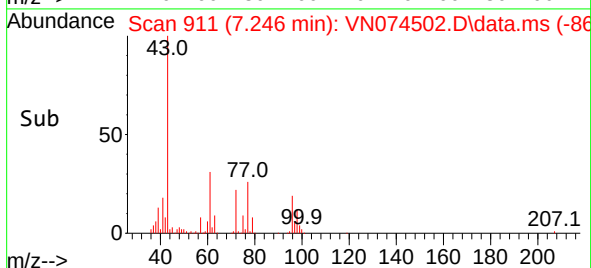
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

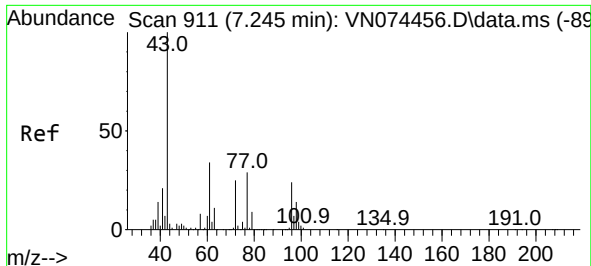


#26
2,2-Dichloropropane
Concen: 16.954 ug/l
RT: 7.246 min Scan# 911
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 77 Resp: 117541
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.788 ug/l

RT: 7.246 min Scan# 911

Delta R.T. 0.001 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

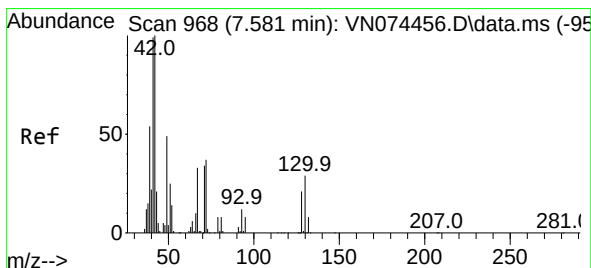
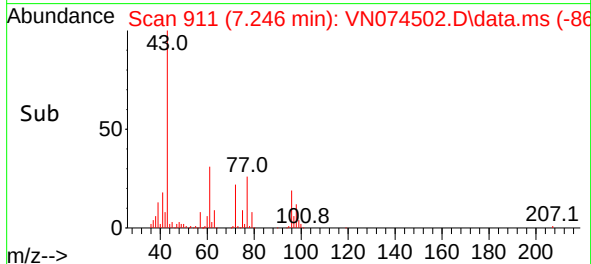
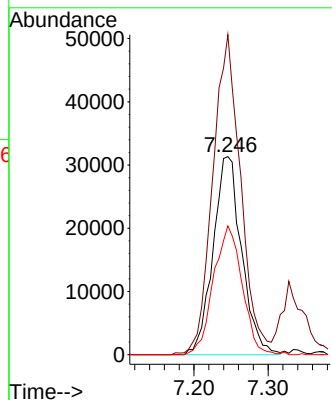
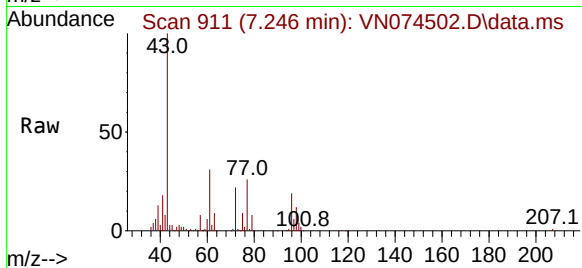
Tgt Ion:	96	Resp:	8390
Ion Ratio	Lower	Upper	
96	100		
61	158.0	0.0	280.6
98	65.3	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#28

Bromochloromethane

Concen: 20.440 ug/l

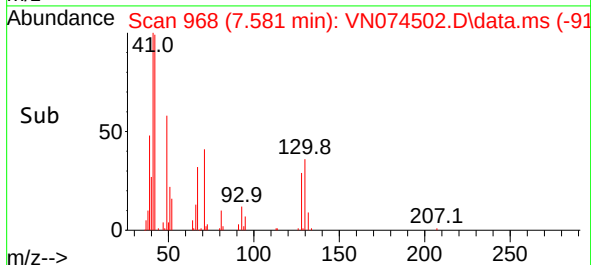
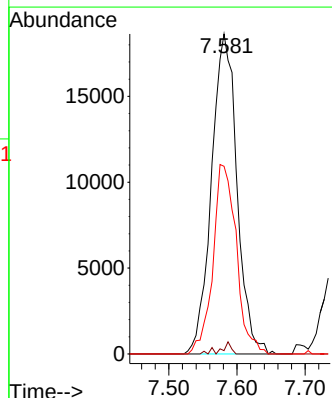
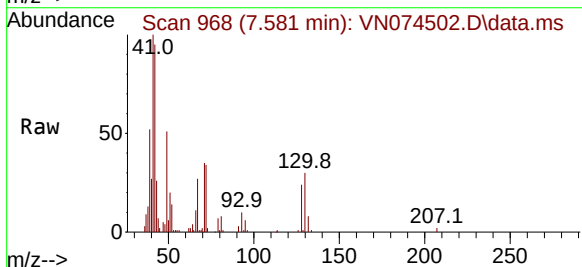
RT: 7.581 min Scan# 968

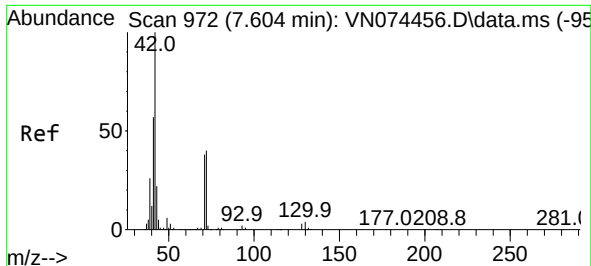
Delta R.T. -0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Tgt Ion:	49	Resp:	48441
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	4.6
130	54.4	69.7	104.5





#29

Tetrahydrofuran

Concen: 101.929 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074502.D

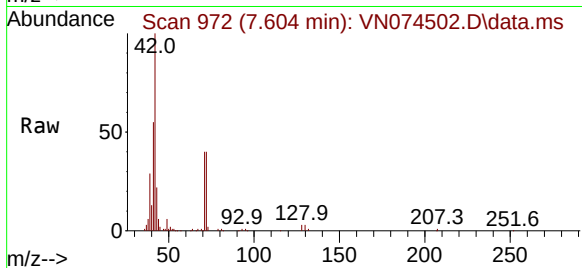
Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01



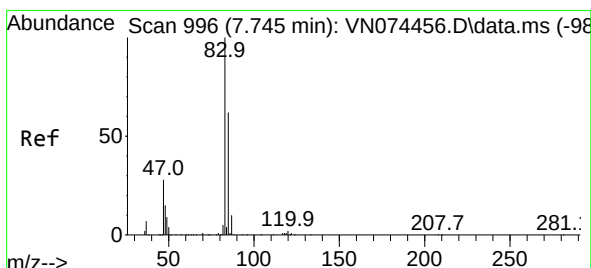
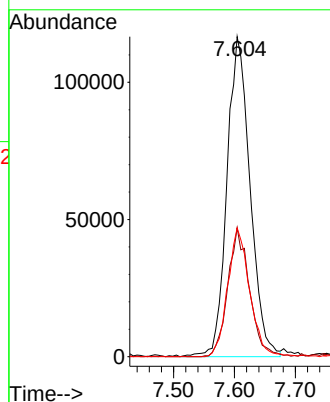
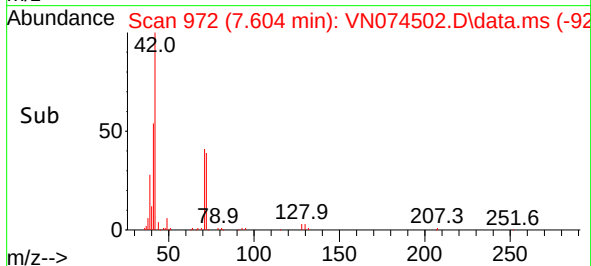
Tgt Ion:	42	Resp:	307768
Ion Ratio	Lower	Upper	
42	100		
72	37.8	39.7	59.5
71	38.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 19.181 ug/l

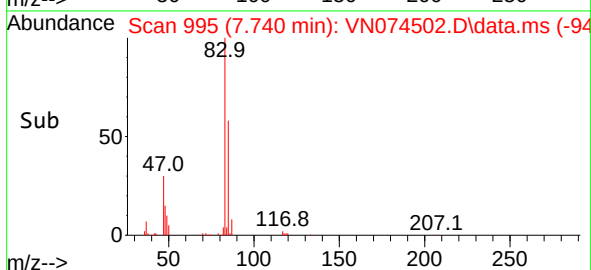
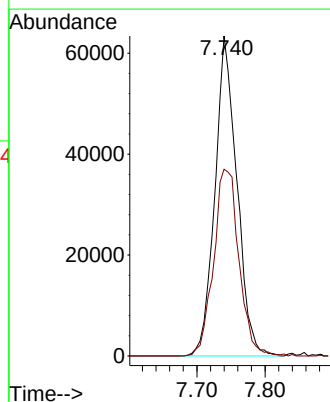
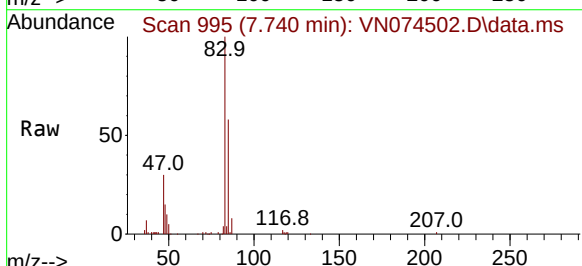
RT: 7.740 min Scan# 995

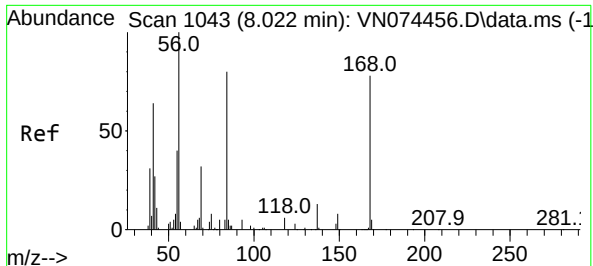
Delta R.T. -0.005 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

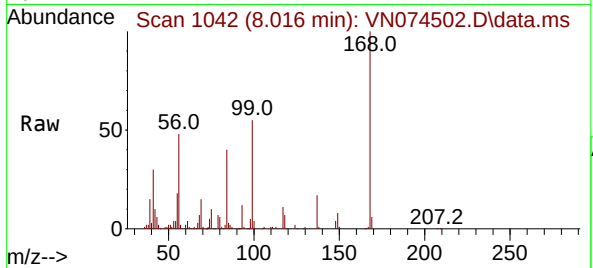
Tgt Ion:	83	Resp:	142369
Ion Ratio	Lower	Upper	
83	100		
85	58.4	51.8	77.8





#31
Cyclohexane
Concen: 18.841 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

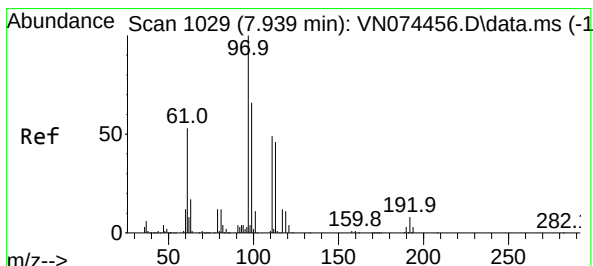
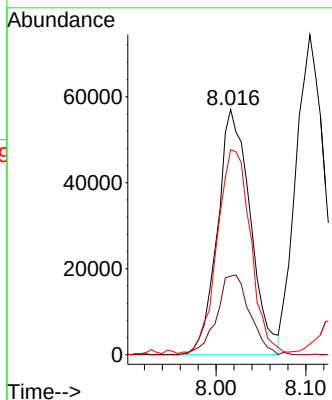
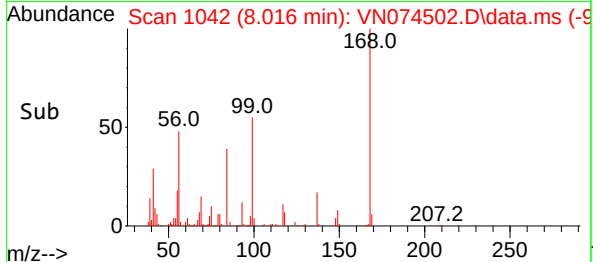
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



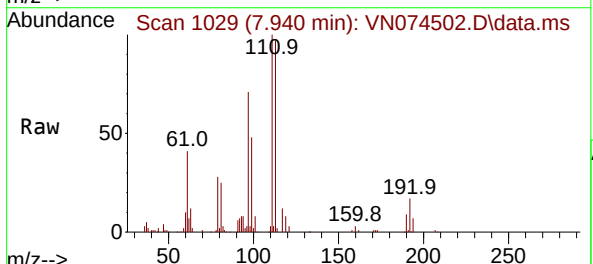
Tgt Ion: 56 Resp: 144550
Ion Ratio Lower Upper
56 100
69 32.1 27.8 41.8
84 83.2 76.9 115.3

Manual Integrations
APPROVED

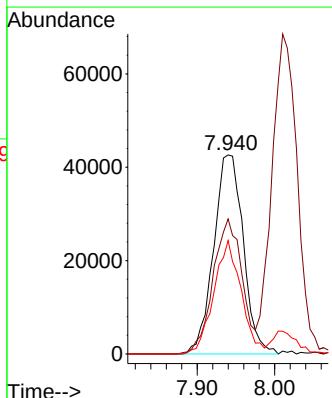
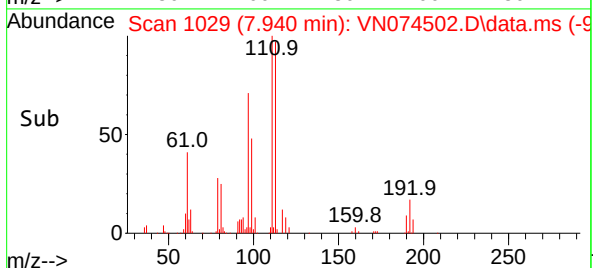
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

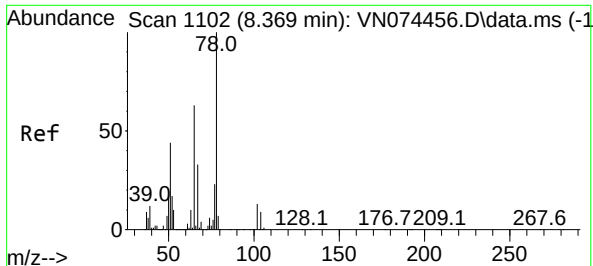


#32
1,1,1-Trichloroethane
Concen: 17.415 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 97 Resp: 113367
Ion Ratio Lower Upper
97 100
99 66.3 50.6 76.0
61 52.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.331 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

Tgt Ion: 65 Resp: 221880

Ion Ratio Lower Upper

65 100

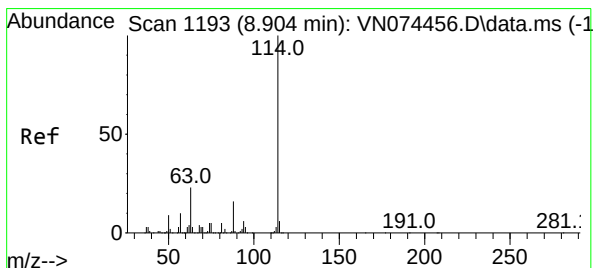
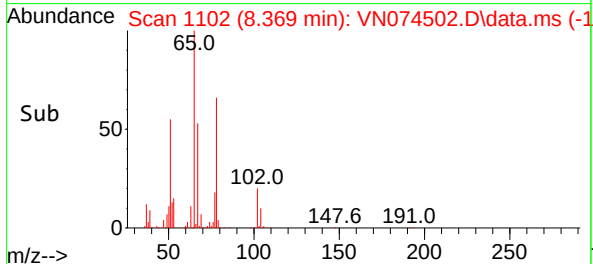
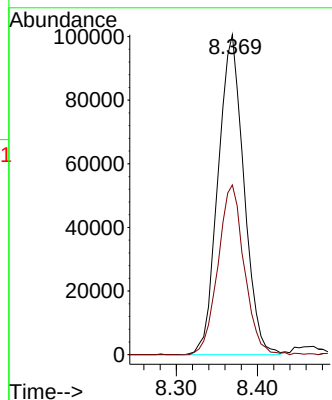
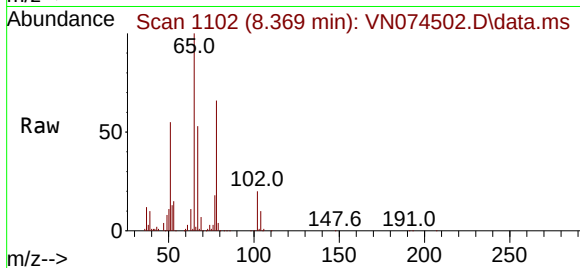
67 53.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

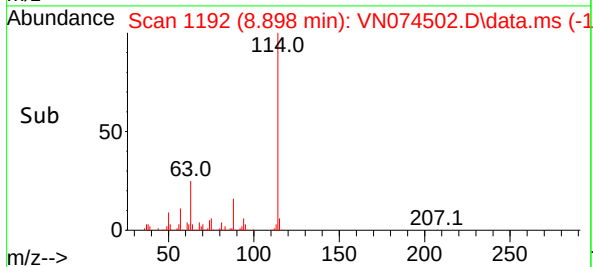
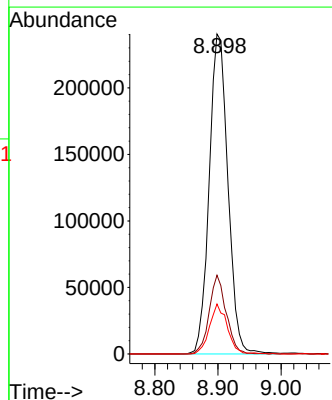
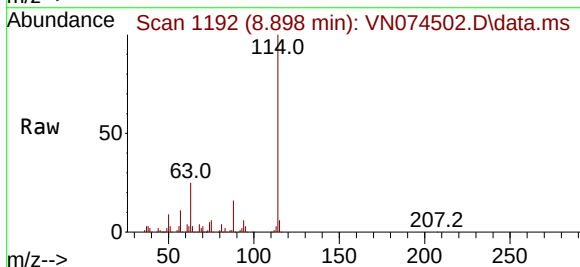
Tgt Ion:114 Resp: 495232

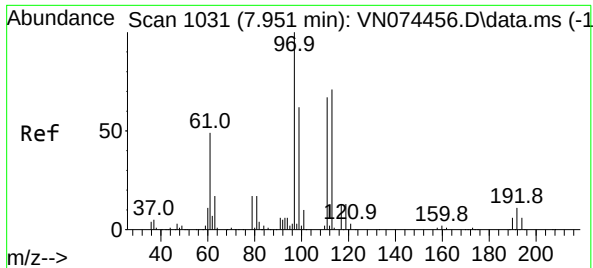
Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

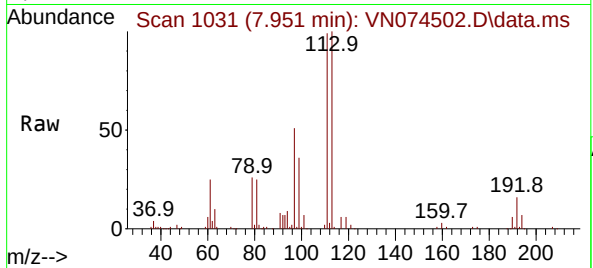
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.375 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

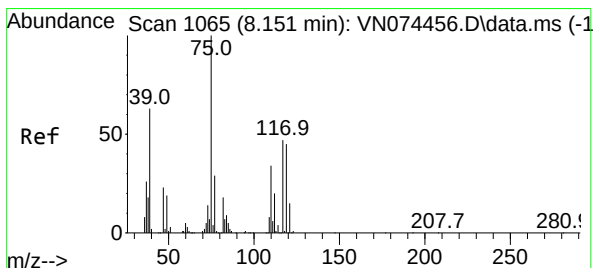
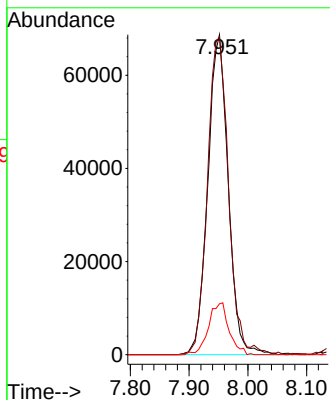
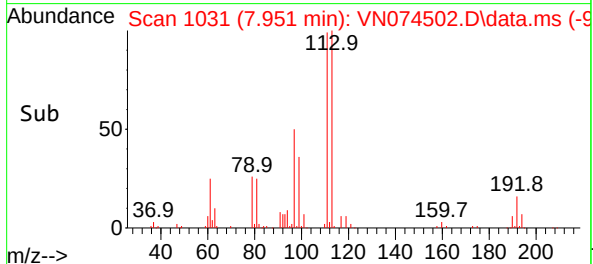
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



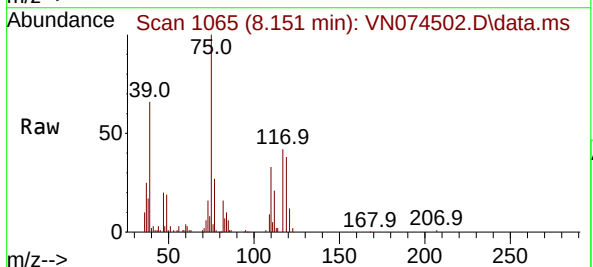
Tgt Ion: 113 Resp: 165719
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 16.3 17.0 25.6

Manual Integrations
APPROVED

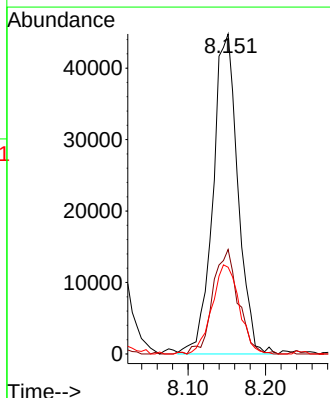
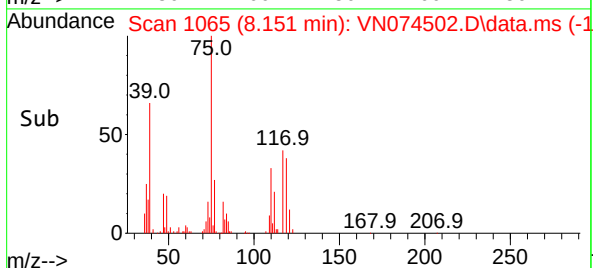
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

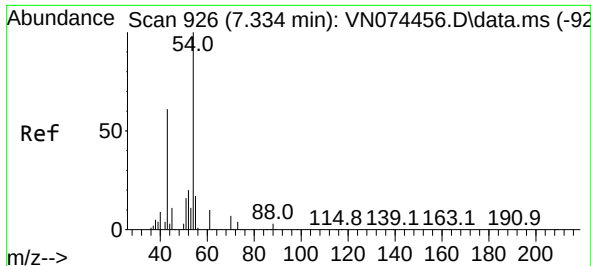


#36
1,1-Dichloropropene
Concen: 17.245 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 75 Resp: 100415
Ion Ratio Lower Upper
75 100
110 33.5 18.3 54.8
77 30.4 25.1 37.7





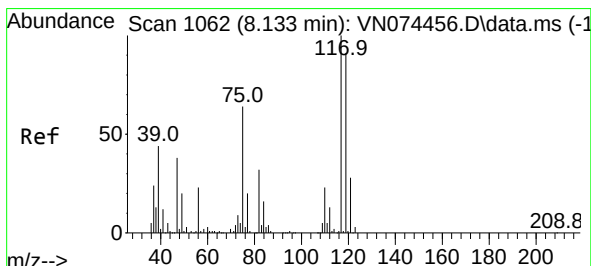
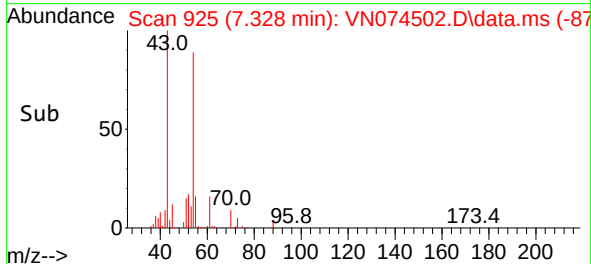
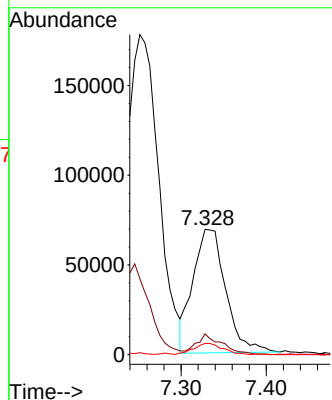
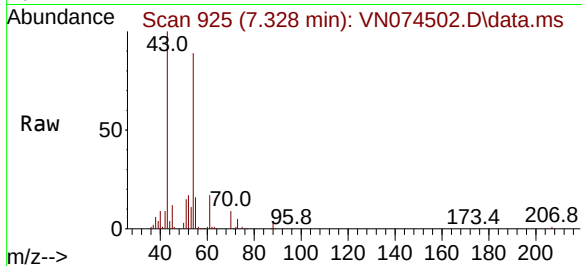
#37
Ethyl Acetate
Concen: 20.508 ug/l
RT: 7.328 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion: 43 Resp: 184418
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 8.2 9.3 13.9

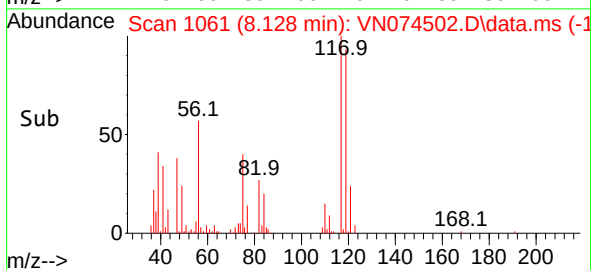
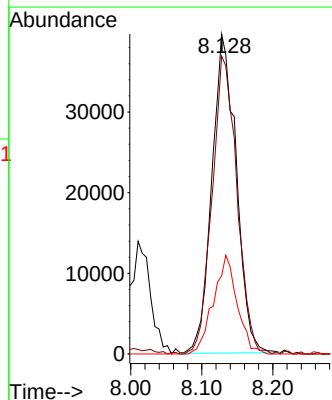
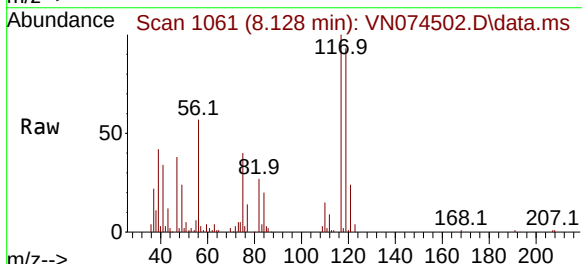
Manual Integrations
APPROVED

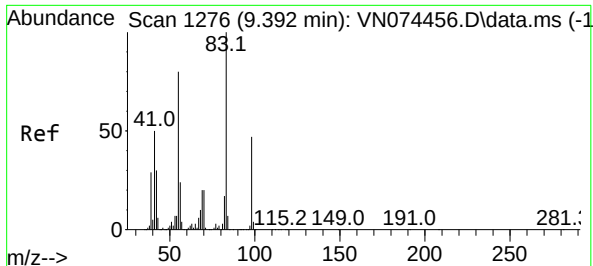
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#38
Carbon Tetrachloride
Concen: 17.499 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.005 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Tgt Ion:117 Resp: 94079
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
121 24.5 24.6 37.0





#39

Methylcyclohexane

Concen: 17.946 ug/l

RT: 9.393 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN074502.D

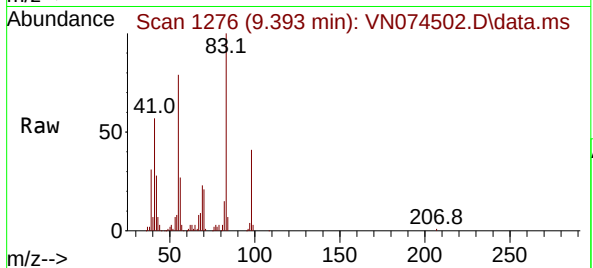
Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01



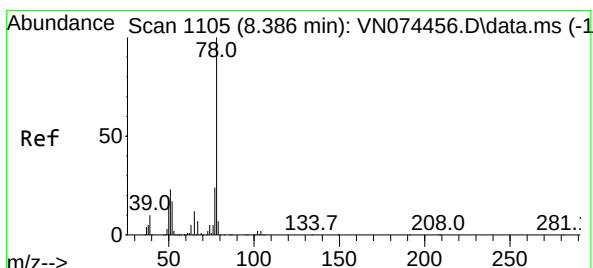
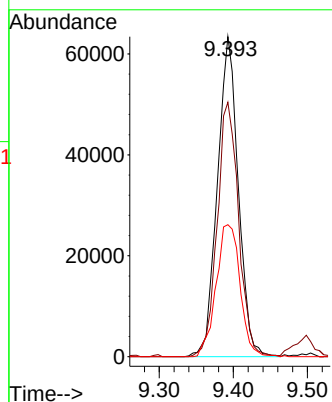
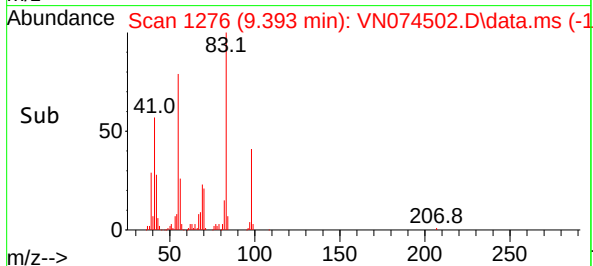
Tgt Ion: 83	Resp: 124260
Ion Ratio	Lower Upper
83	100
55	79.5 57.8 86.8
98	41.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 19.125 ug/l

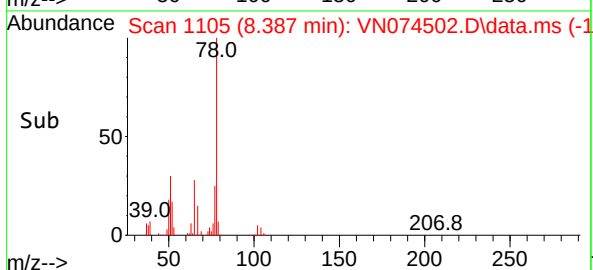
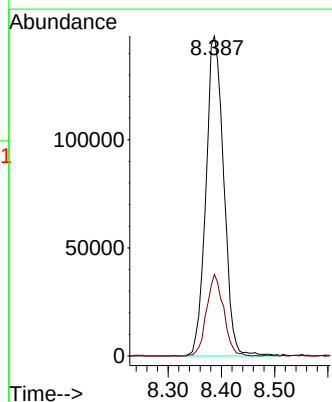
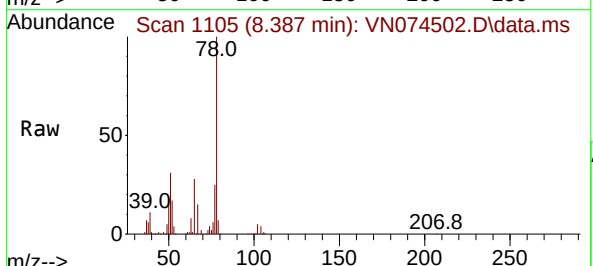
RT: 8.387 min Scan# 1105

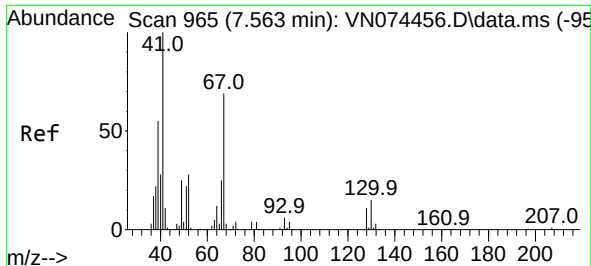
Delta R.T. 0.001 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

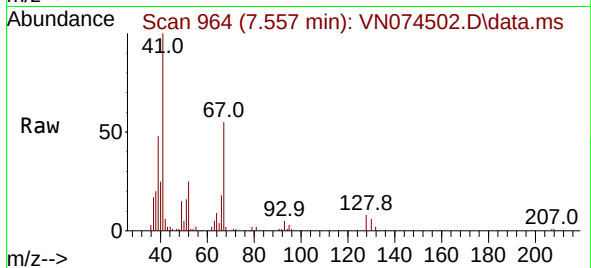
Tgt Ion: 78	Resp: 344359
Ion Ratio	Lower Upper
78	100
77	25.5 19.4 29.0





#41
Methacrylonitrile
Concen: 18.237 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

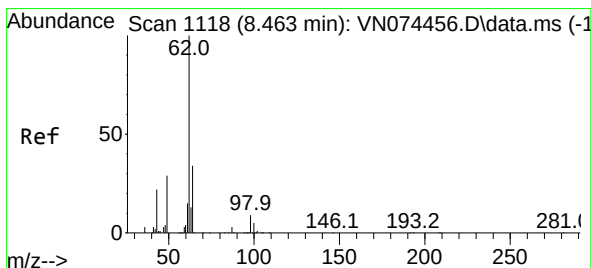
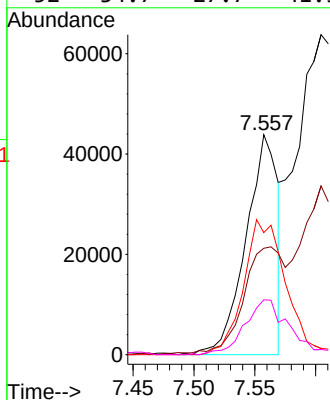
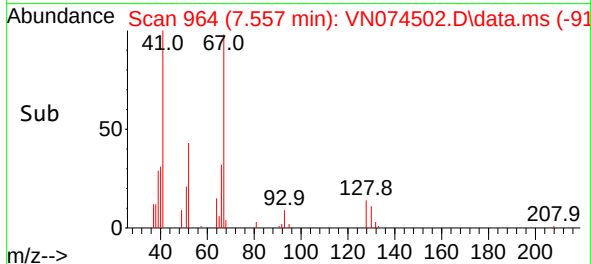
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



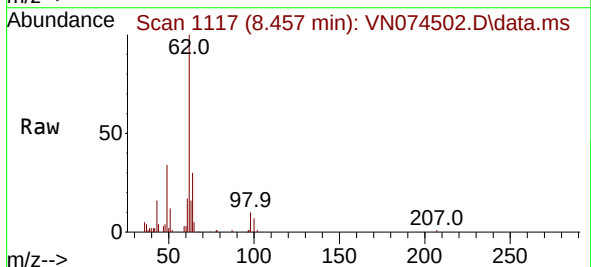
Tgt Ion:	41	Resp:	7928
Ion Ratio	100	Lower	Upper
39	63.5	48.6	73.0
67	82.3	73.4	110.2
52	34.7	27.7	41.5

Manual Integrations
APPROVED

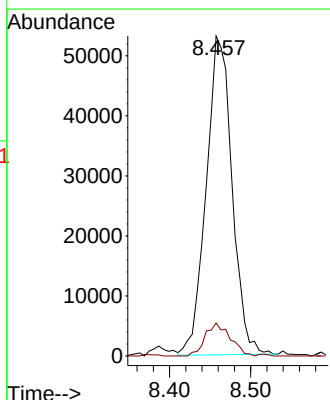
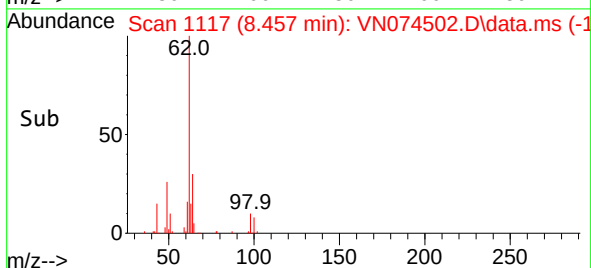
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

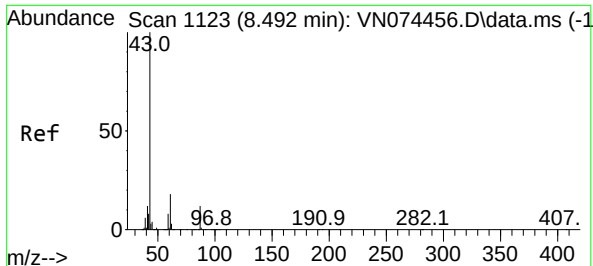


#42
1,2-Dichloroethane
Concen: 19.030 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion:	62	Resp:	117590
Ion Ratio	100	Lower	Upper
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.326 ug/l

RT: 8.493 min Scan# 1123

Delta R.T. 0.001 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

Tgt Ion: 43 Resp: 28631

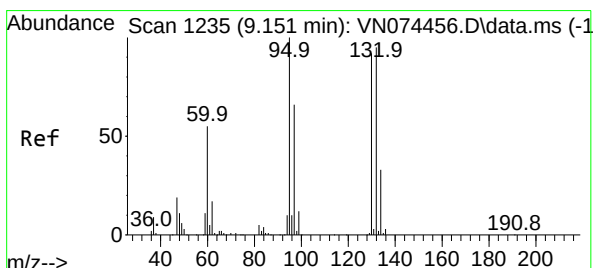
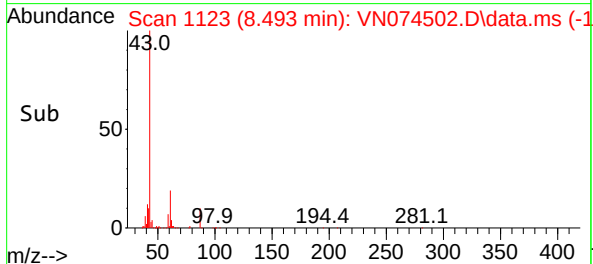
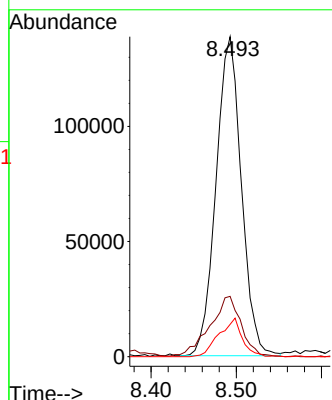
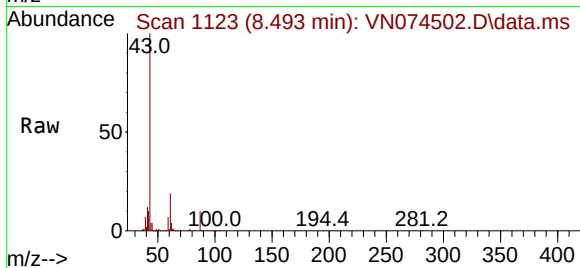
Ion	Ratio	Lower	Upper
43	100		
61	23.3	21.9	32.9
87	11.1	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#44

Trichloroethene

Concen: 17.480 ug/l

RT: 9.151 min Scan# 1235

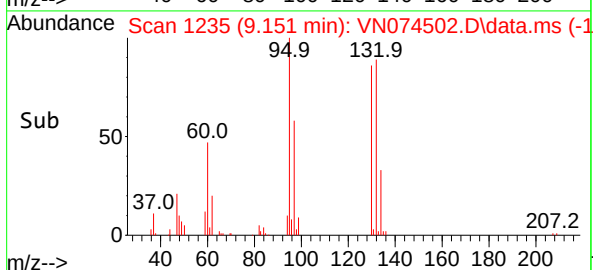
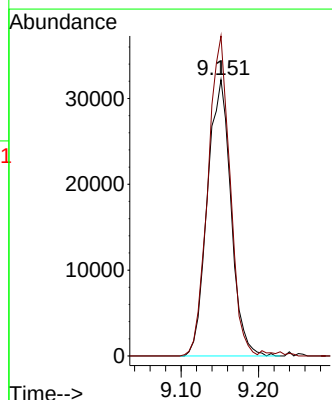
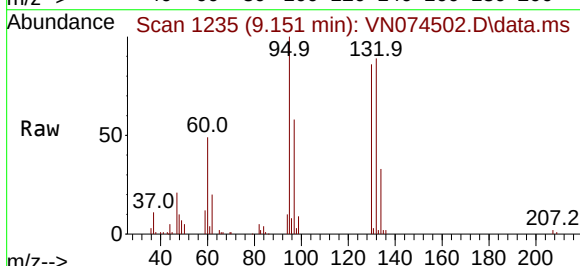
Delta R.T. 0.000 min

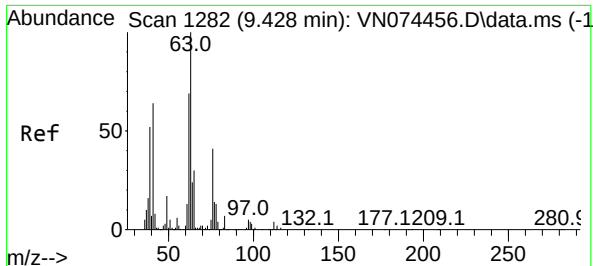
Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Tgt Ion:130 Resp: 68106

Ion	Ratio	Lower	Upper
130	100		
95	115.8	0.0	186.8





#45

1,2-Dichloropropane

Concen: 19.916 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

Tgt Ion: 63 Resp: 9855

Ion Ratio Lower Upper

63 100

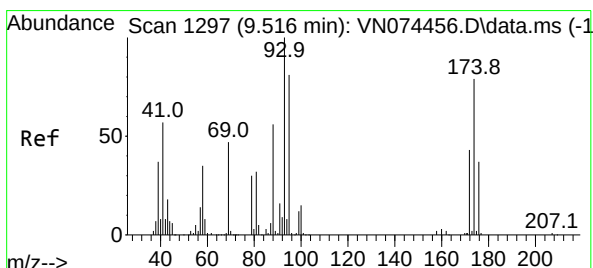
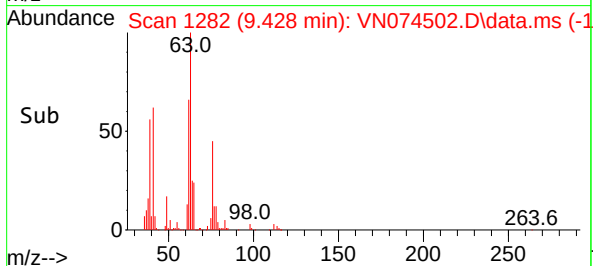
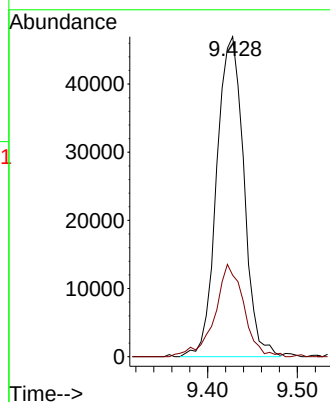
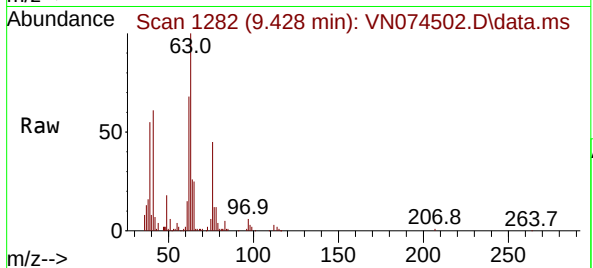
65 24.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 18.844 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

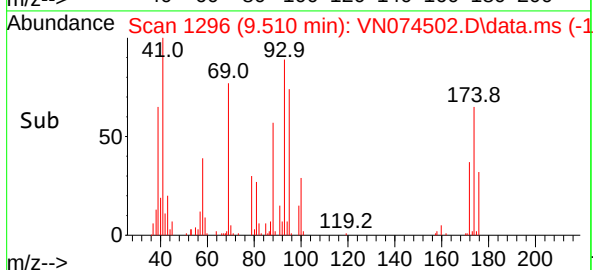
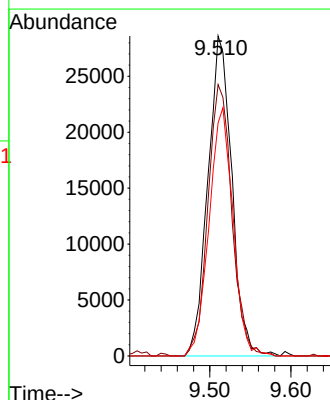
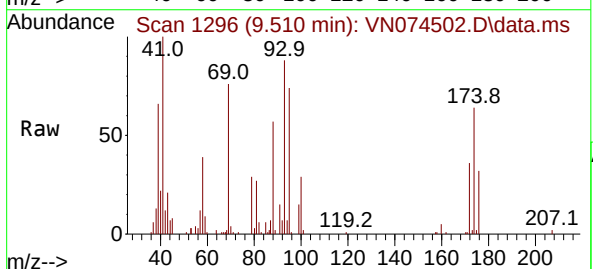
Tgt Ion: 93 Resp: 58403

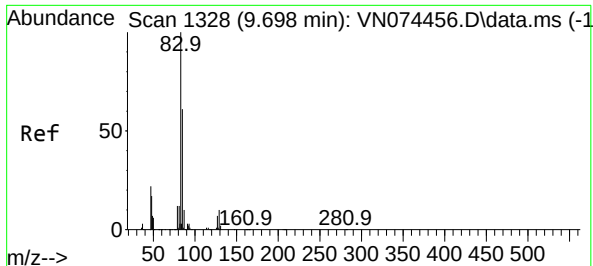
Ion Ratio Lower Upper

93 100

95 85.4 66.9 100.3

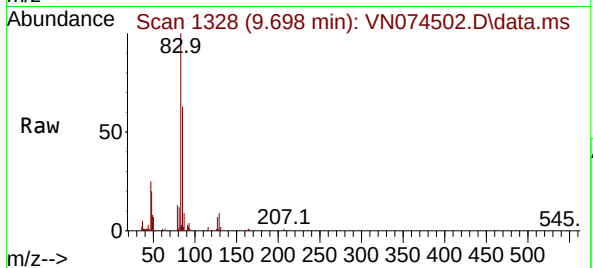
174 77.7 86.6 130.0





#47
Bromodichloromethane
Concen: 18.896 ug/l
RT: 9.698 min Scan# 11481
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

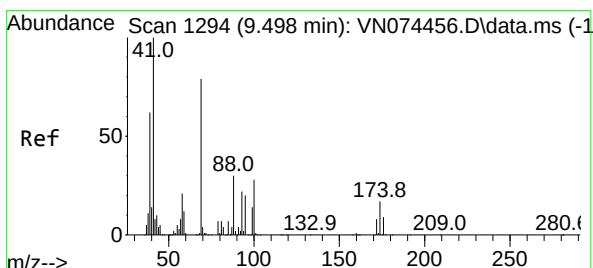
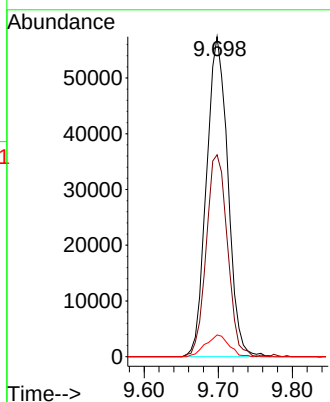
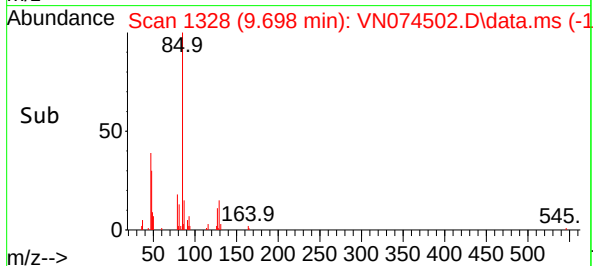
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



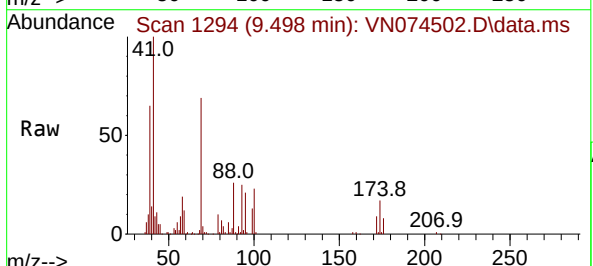
Tgt Ion: 83 Resp: 11481
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 6.8 6.8 10.2

Manual Integrations
APPROVED

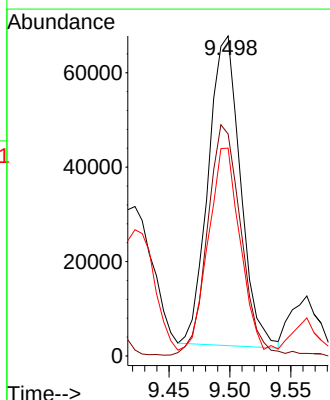
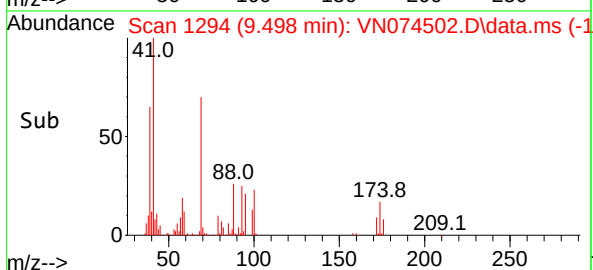
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

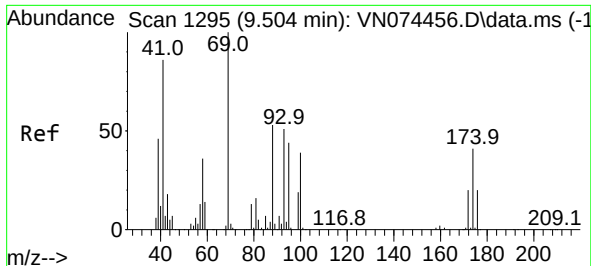


#48
Methyl methacrylate
Concen: 19.278 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 41 Resp: 120408
Ion Ratio Lower Upper
41 100
69 78.5 74.7 112.1
39 68.2 45.6 68.4





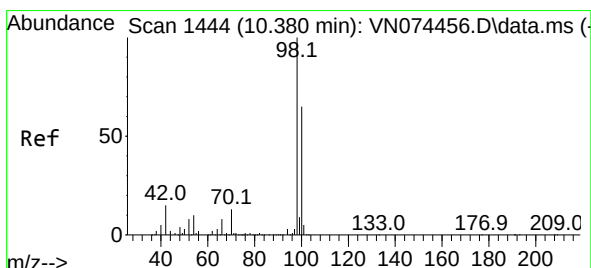
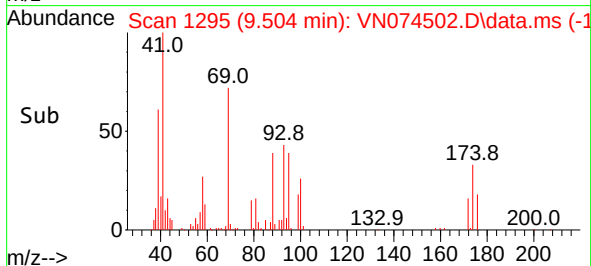
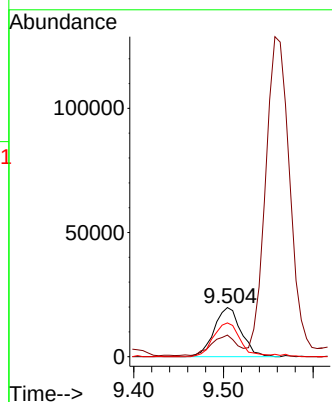
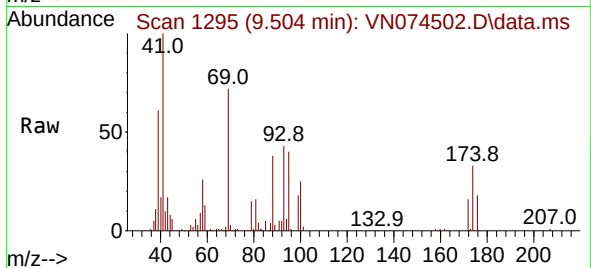
#49
1,4-Dioxane
Concen: 342.130 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion: 88 Resp: 41083
Ion Ratio Lower Upper
88 100
43 39.1 20.2 30.4
58 68.3 54.2 81.4

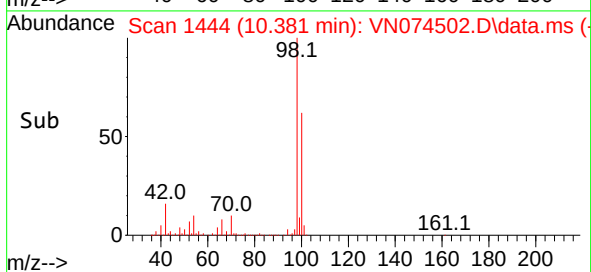
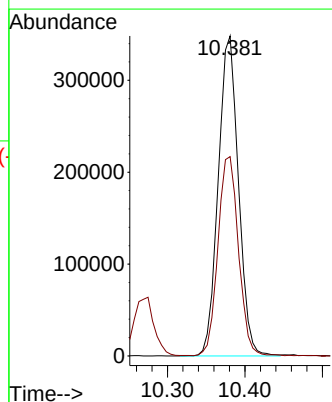
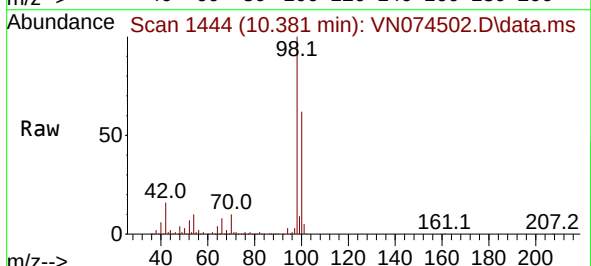
Manual Integrations
APPROVED

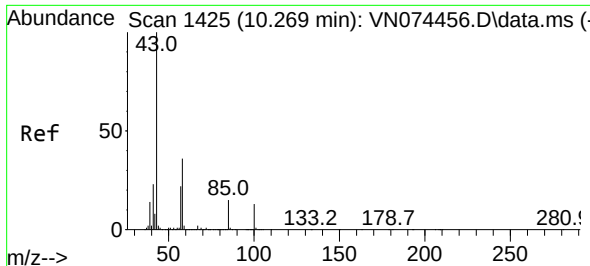
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#50
Toluene-d8
Concen: 49.692 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

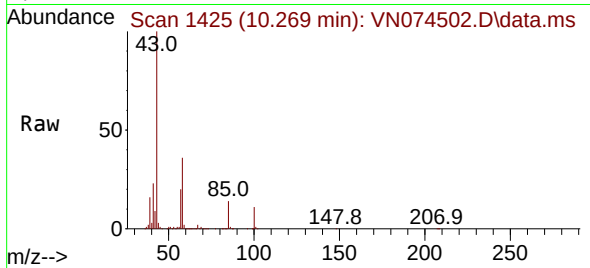
Tgt Ion: 98 Resp: 632219
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 104.577 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

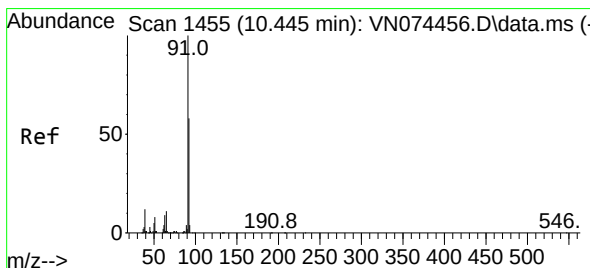
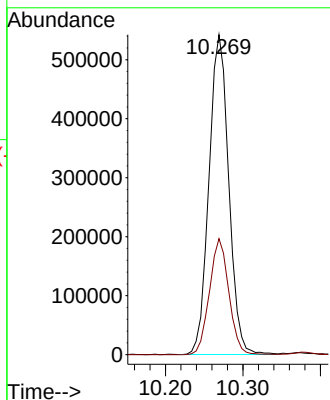
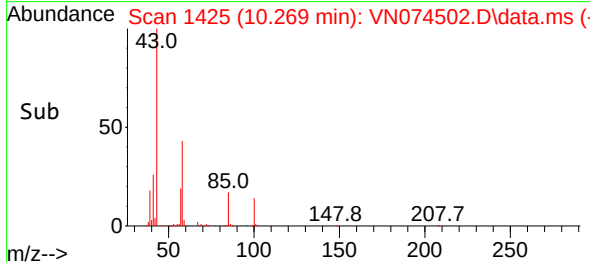
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



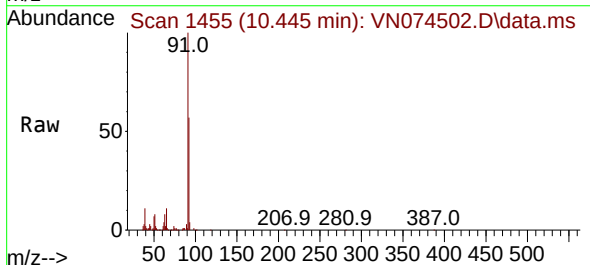
Tgt Ion: 43 Resp: 96194
Ion Ratio Lower Upper
43 100
58 35.5 34.1 51.1

Manual Integrations
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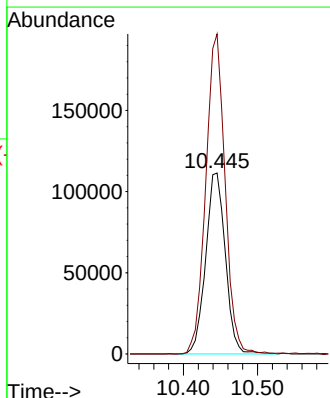
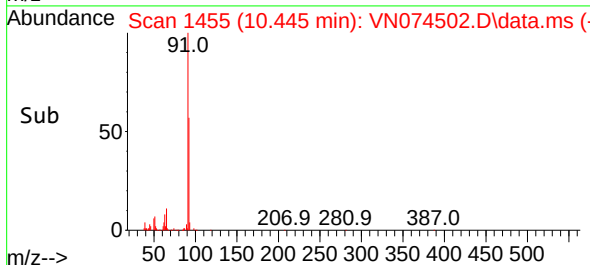
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

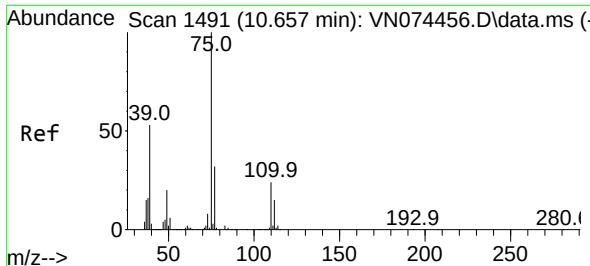


#52
Toluene
Concen: 19.471 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



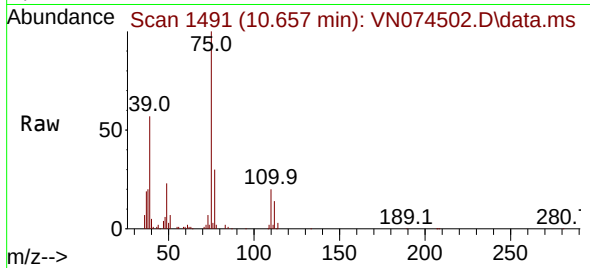
Tgt Ion: 92 Resp: 205588
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 18.711 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

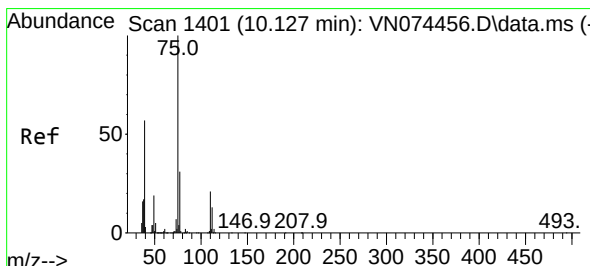
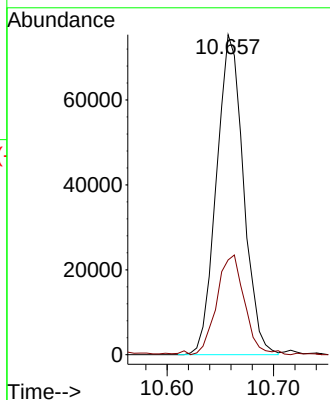
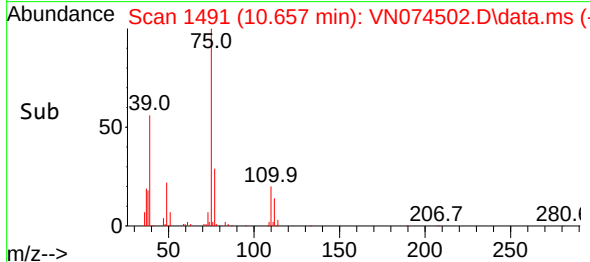
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion: 75 Resp: 132510
Ion Ratio Lower Upper
75 100
77 29.2 25.6 38.4

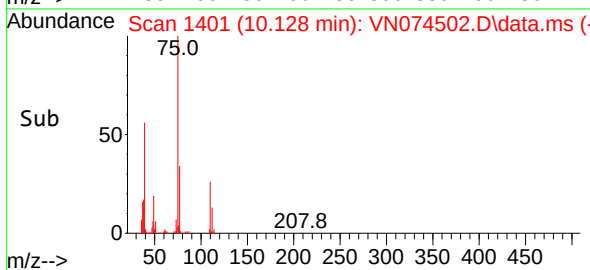
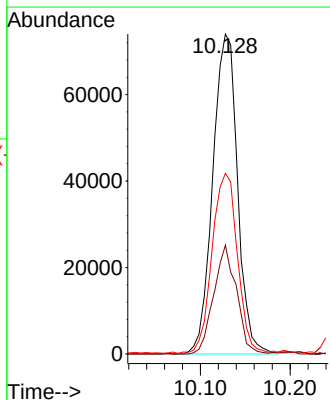
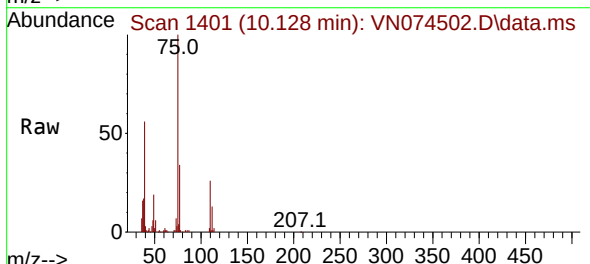
Manual Integrations
APPROVED

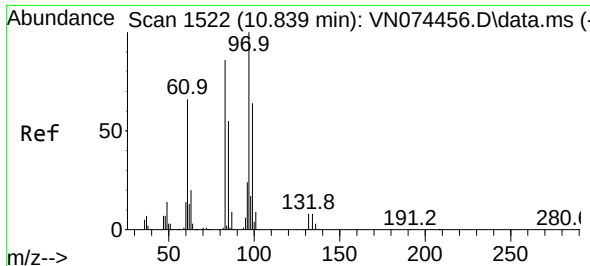
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 18.688 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

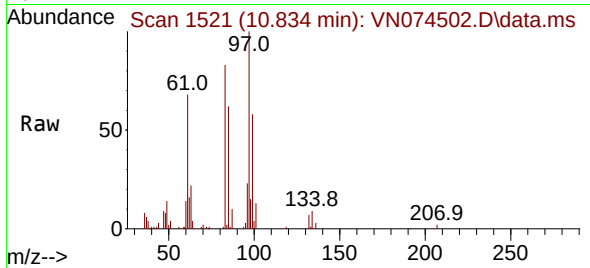
Tgt Ion: 75 Resp: 141627
Ion Ratio Lower Upper
75 100
77 34.0 25.2 37.8
39 56.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 19.746 ug/l
RT: 10.834 min Scan# 1522
Delta R.T. -0.005 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

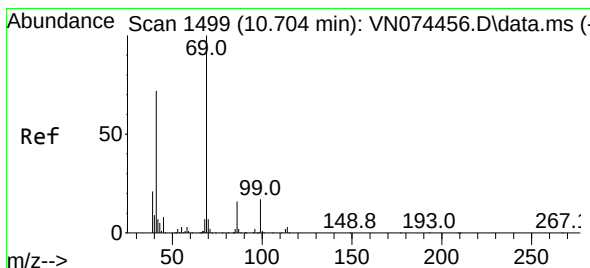
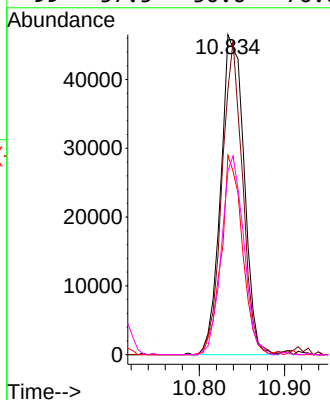
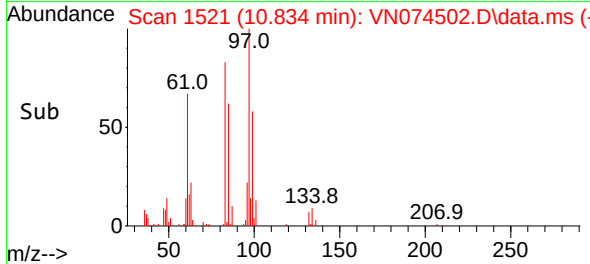


Tgt Ion: 97 Resp: 88314

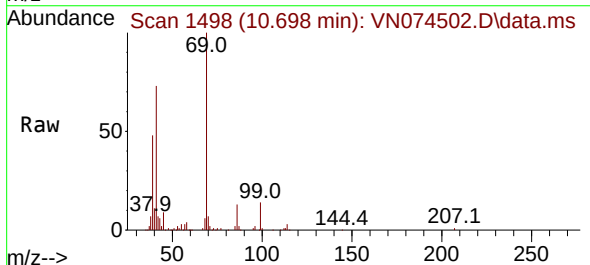
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.2	99.4
85	62.3	43.9	65.9
99	57.5	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

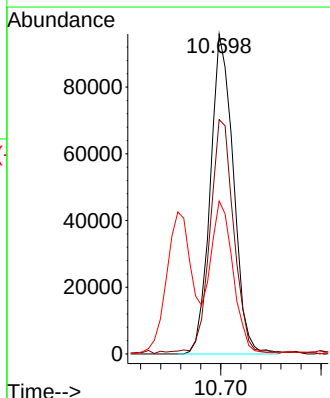
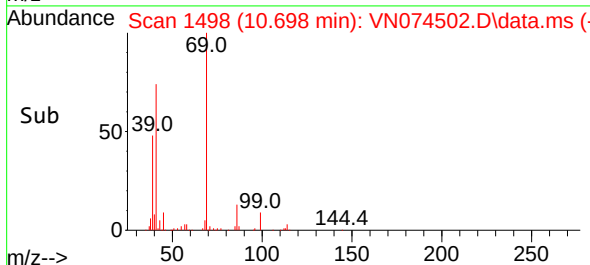


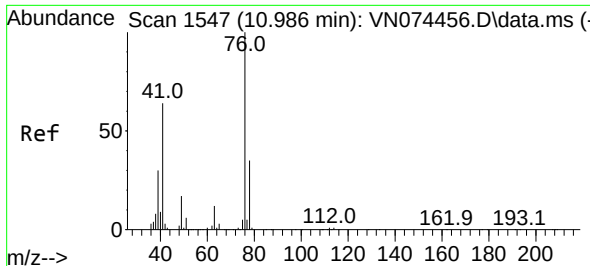
#56
Ethyl methacrylate
Concen: 19.104 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion: 69 Resp: 152624

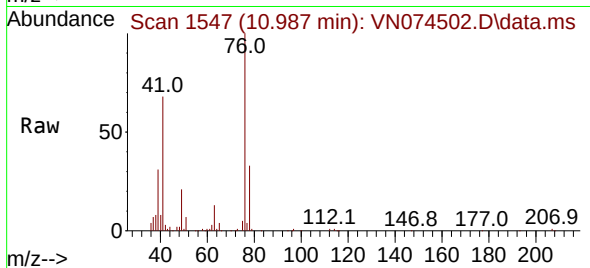
Ion	Ratio	Lower	Upper
69	100		
41	76.2	47.8	71.6#
39	46.8	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 20.276 ug/l
RT: 10.987 min Scan# 1547
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

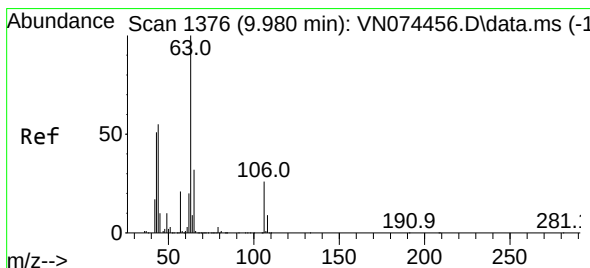
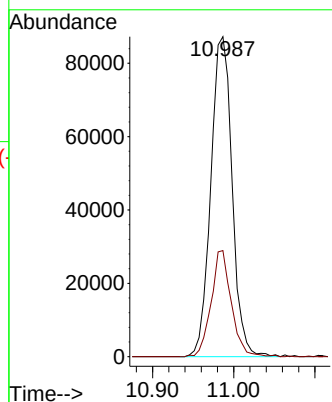
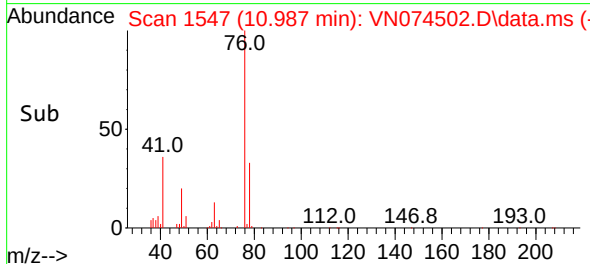
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



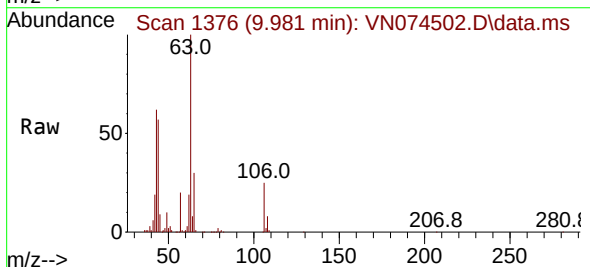
Tgt Ion: 76 Resp: 158994
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.2

Manual Integrations
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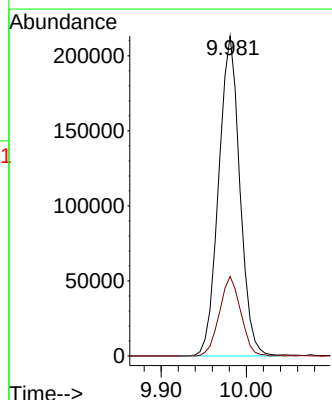
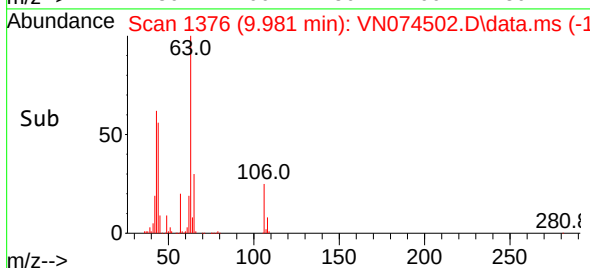
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

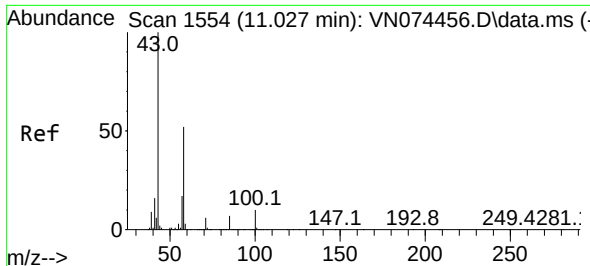


#58
2-Chloroethyl Vinyl ether
Concen: 104.752 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



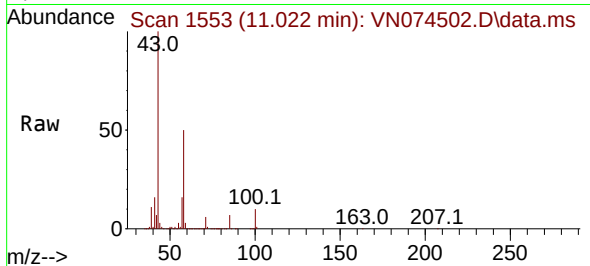
Tgt Ion: 63 Resp: 368307
Ion Ratio Lower Upper
63 100
106 24.9 24.6 36.8





#59
2-Hexanone
Concen: 103.933 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

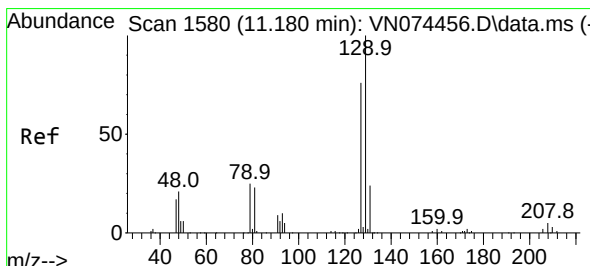
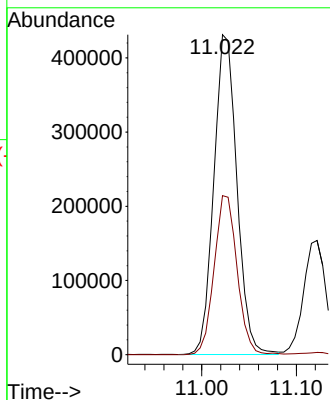
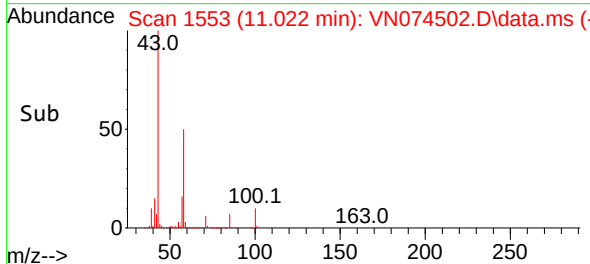
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion: 43 Resp: 729814
Ion Ratio Lower Upper
43 100
58 49.6 29.7 89.1

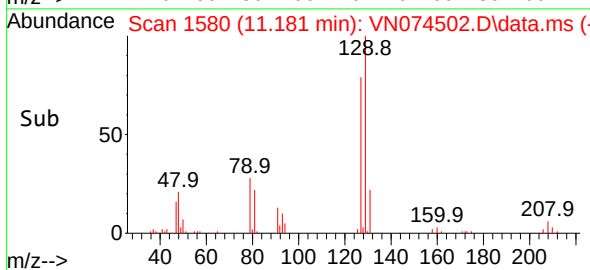
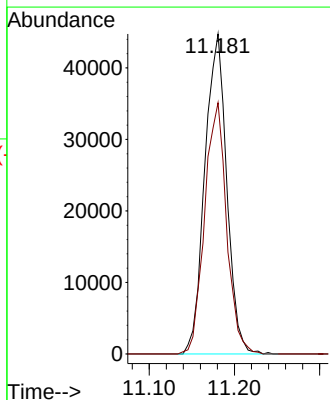
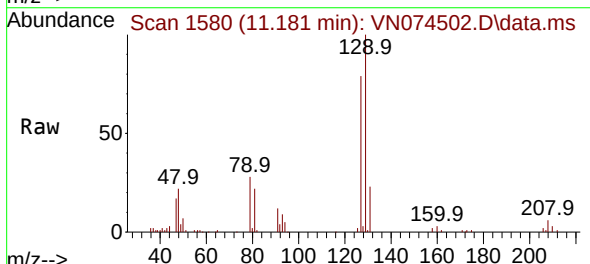
Manual Integrations
APPROVED

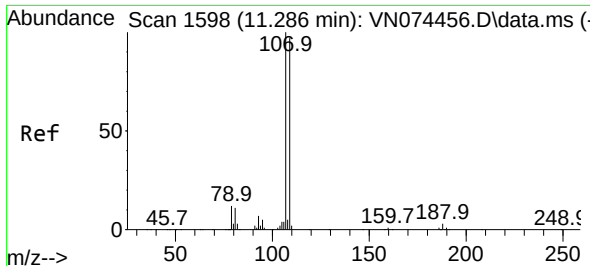
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
Dibromochloromethane
Concen: 18.734 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

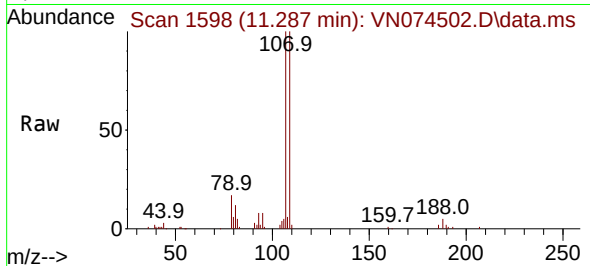
Tgt Ion:129 Resp: 80212
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.703 ug/l
RT: 11.287 min Scan# 1126
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

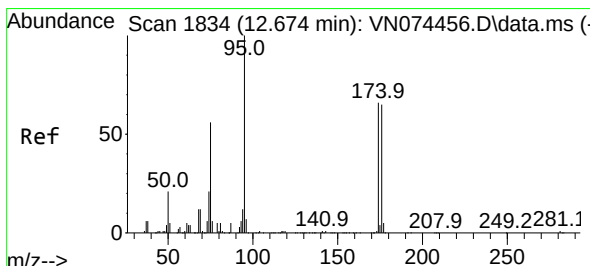
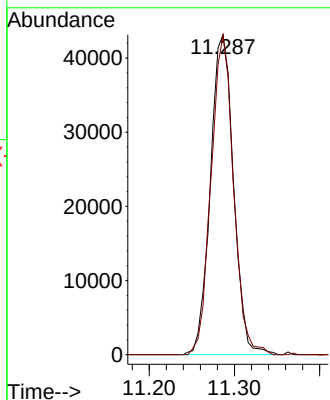
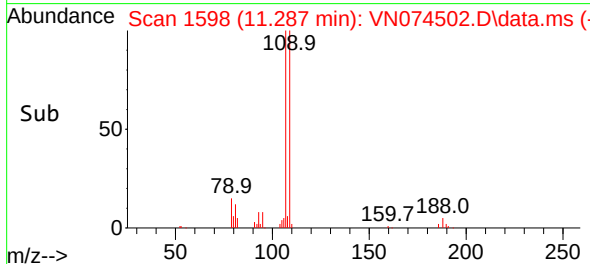
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



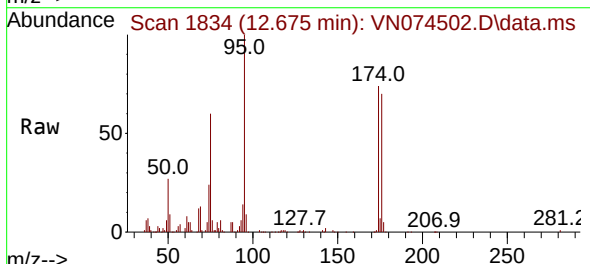
Tgt Ion:107 Resp: 8126
Ion Ratio Lower Upper
107 100
109 97.0 75.0 112.6

Manual Integrations
APPROVED

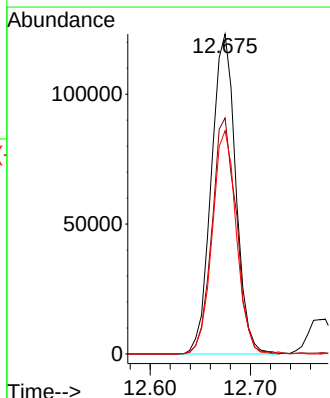
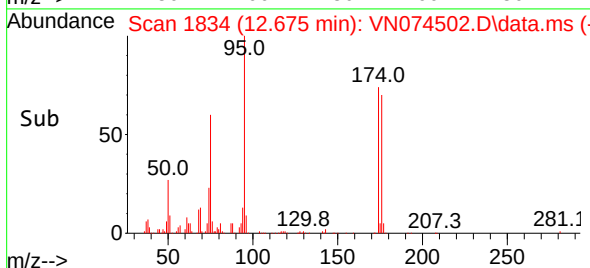
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

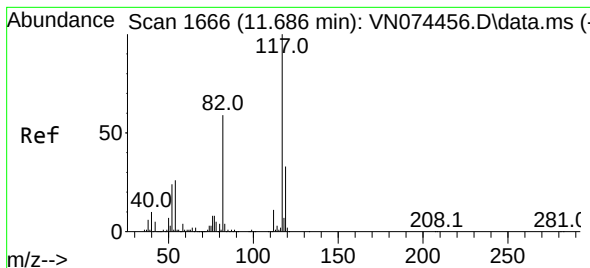


#62
4-Bromofluorobenzene
Concen: 47.669 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



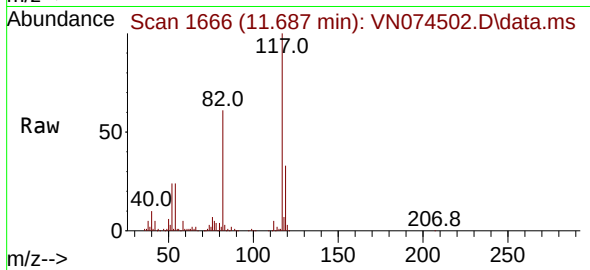
Tgt Ion: 95 Resp: 207714
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 69.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 1666
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

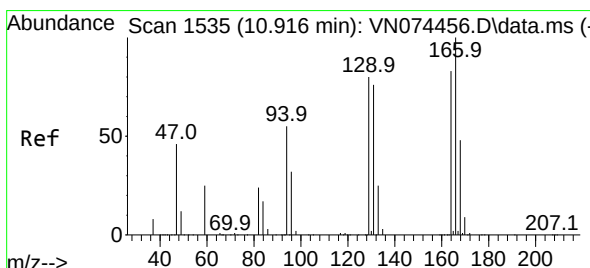
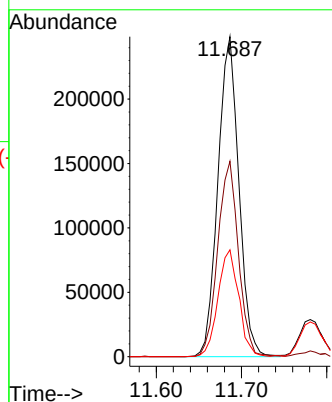
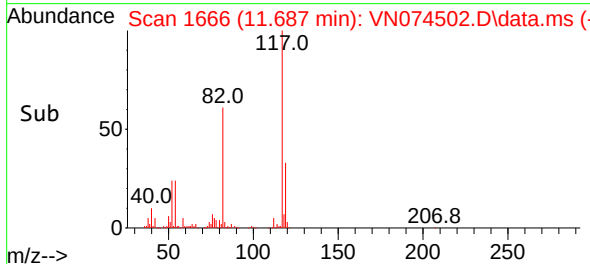
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion:117 Resp: 425278
Ion Ratio Lower Upper
117 100
82 61.0 44.2 66.2
119 33.4 25.4 38.0

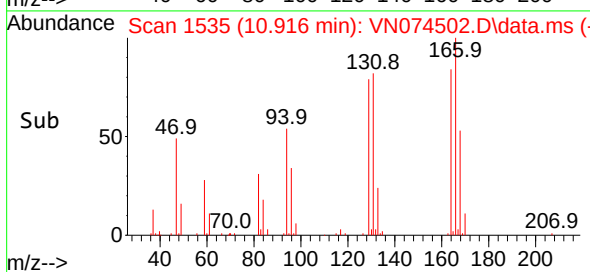
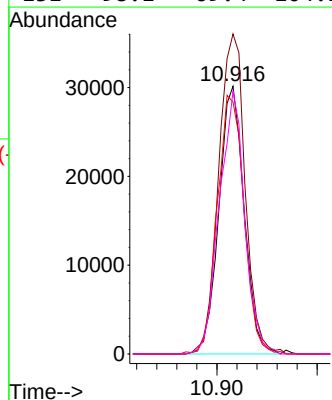
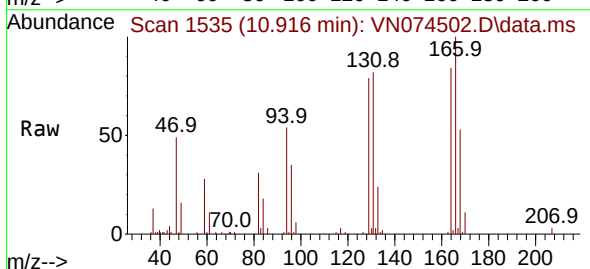
Manual Integrations
APPROVED

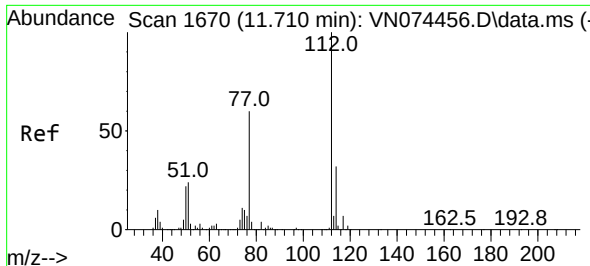
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 18.038 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Tgt Ion:164 Resp: 52646
Ion Ratio Lower Upper
164 100
166 119.6 104.2 156.2
129 94.1 73.9 110.9
131 98.1 69.4 104.2





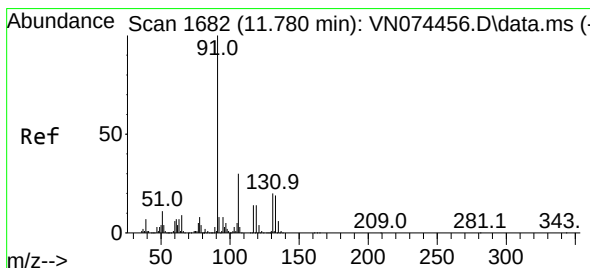
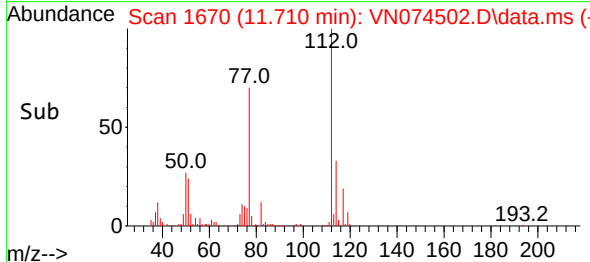
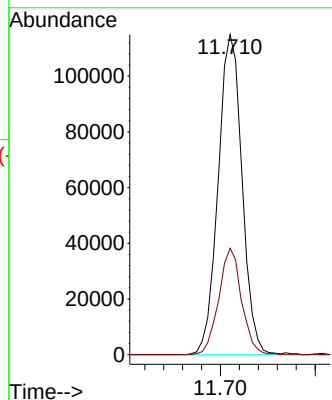
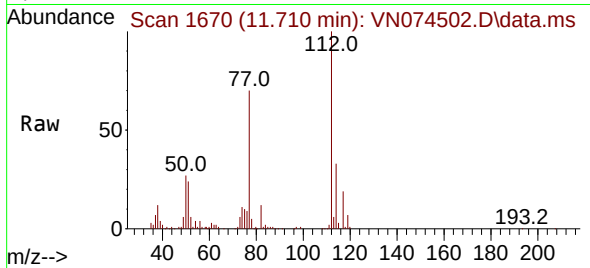
#65
Chlorobenzene
Concen: 18.889 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion:112 Resp: 201664
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

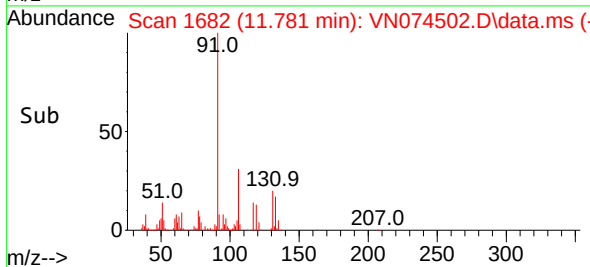
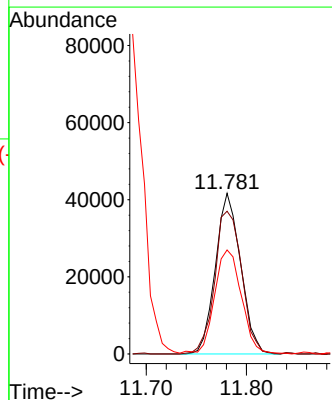
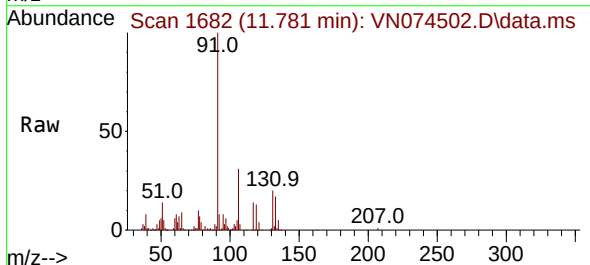
Manual Integrations
APPROVED

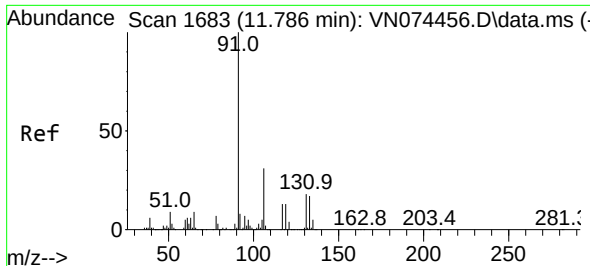
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.736 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

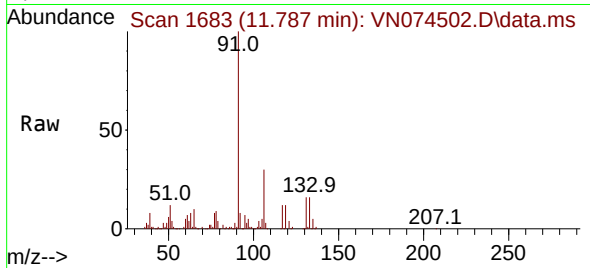
Tgt Ion:131 Resp: 72678
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 69.3 33.4 100.2





#67
Ethyl Benzene
Concen: 19.510 ug/l
RT: 11.787 min Scan# 1683
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

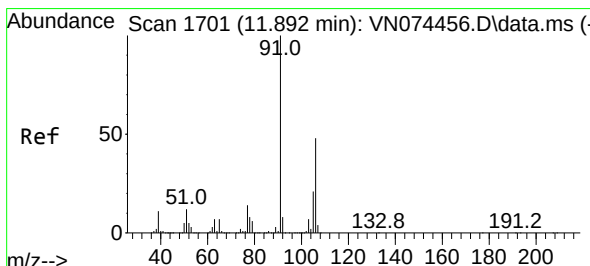
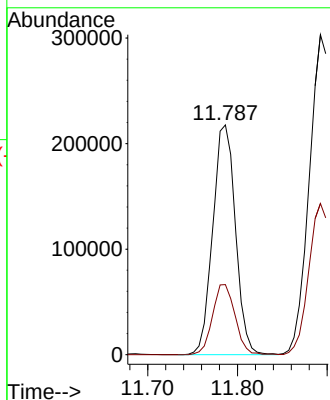
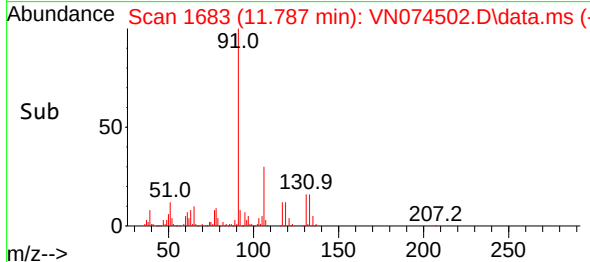
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



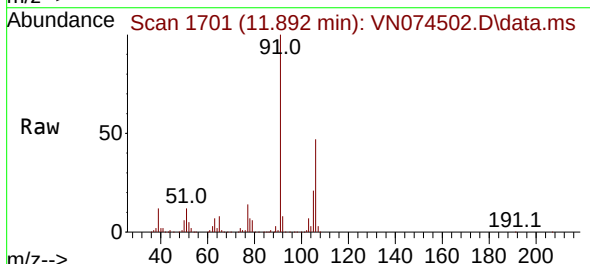
Tgt Ion: 91 Resp: 38243
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

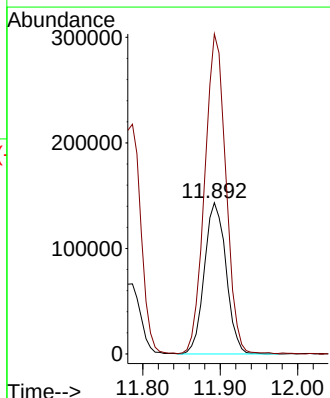
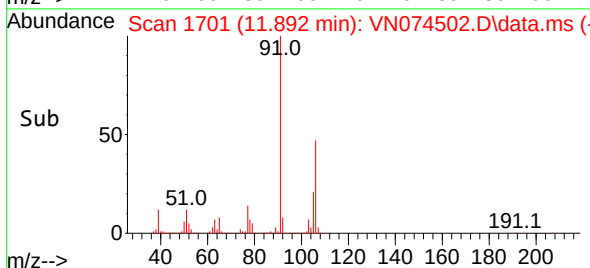
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

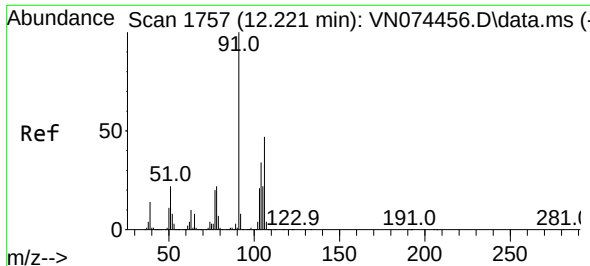


#68
m/p-Xylenes
Concen: 38.518 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



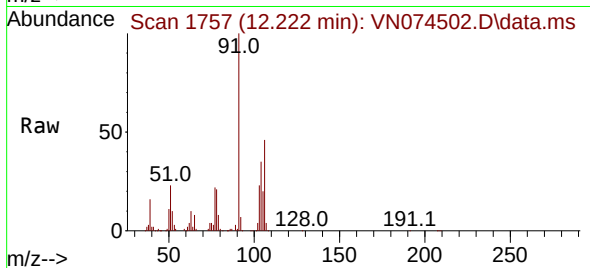
Tgt Ion:106 Resp: 279151
Ion Ratio Lower Upper
106 100
91 206.0 158.9 238.3





#69
o-Xylene
Concen: 19.881 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

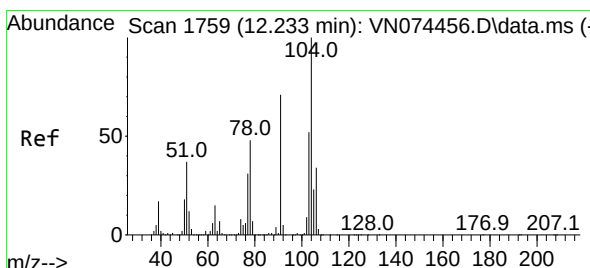
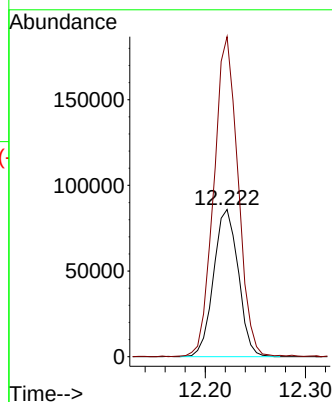
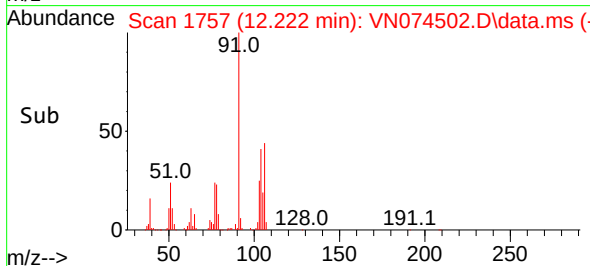
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion:106 Resp: 146907
Ion Ratio Lower Upper
106 100
91 213.7 106.0 318.0

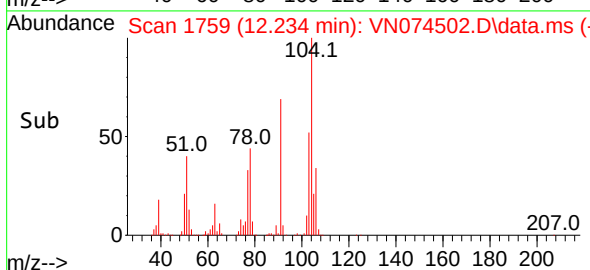
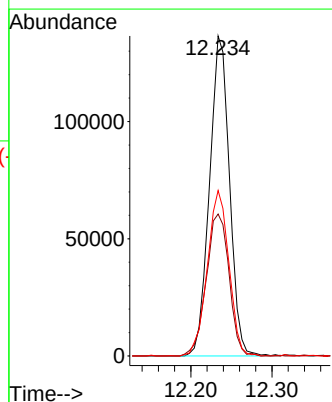
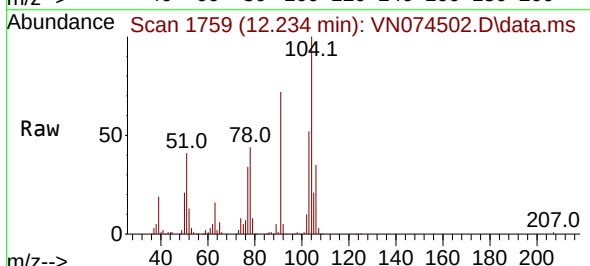
Manual Integrations
APPROVED

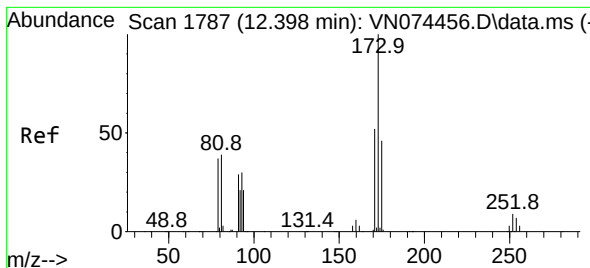
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 19.004 ug/l
RT: 12.234 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Tgt Ion:104 Resp: 233595
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.6 44.0 66.0





#71

Bromoform

Concen: 18.624 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

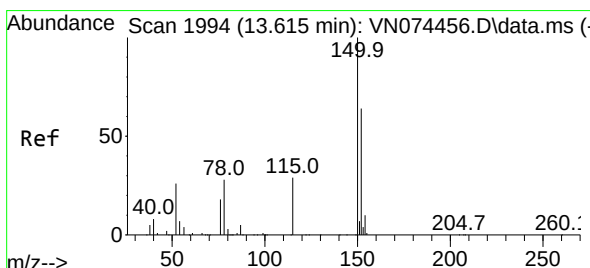
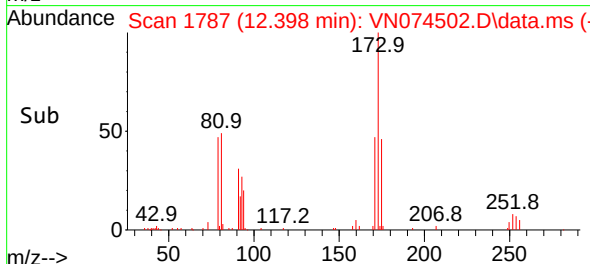
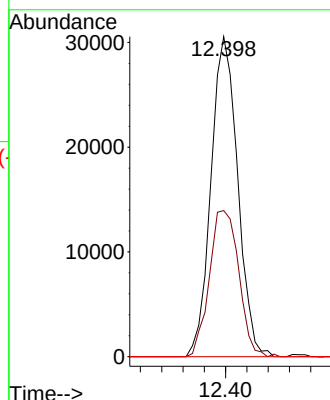
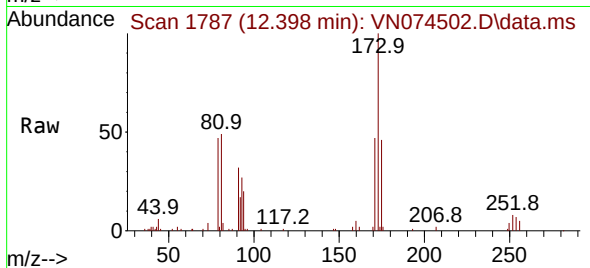
Tgt Ion:173	Resp:	5309
Ion Ratio	Lower	Upper
173	100	
175	50.3	24.6 73.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

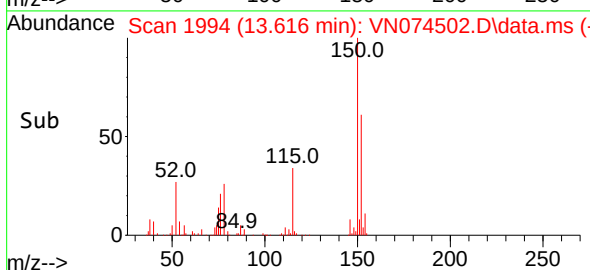
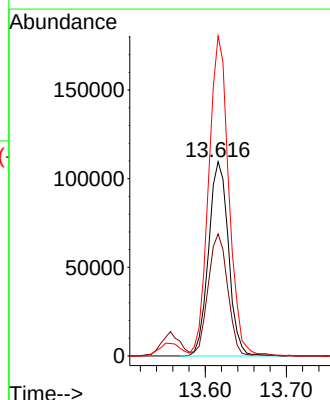
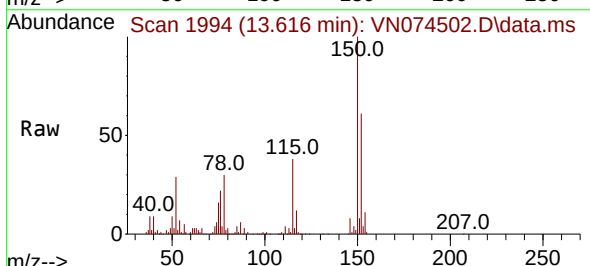
RT: 13.616 min Scan# 1994

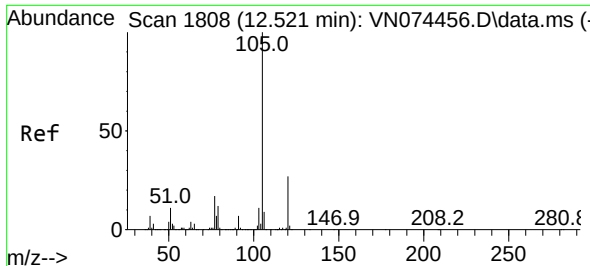
Delta R.T. 0.001 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

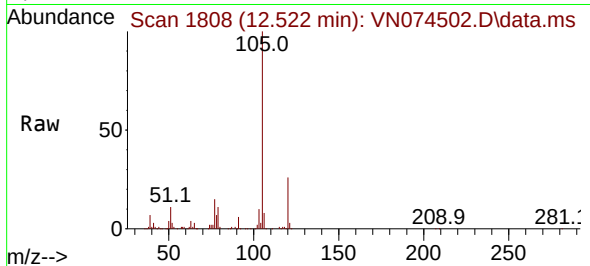
Tgt Ion:152	Resp:	186600
Ion Ratio	Lower	Upper
152	100	
115	62.2	28.9 86.7
150	166.5	0.0 356.2





#73
Isopropylbenzene
Concen: 18.740 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

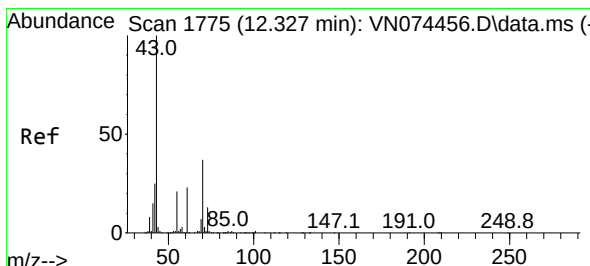
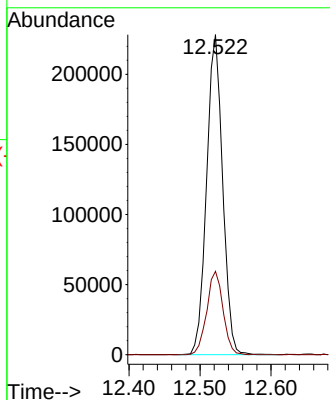
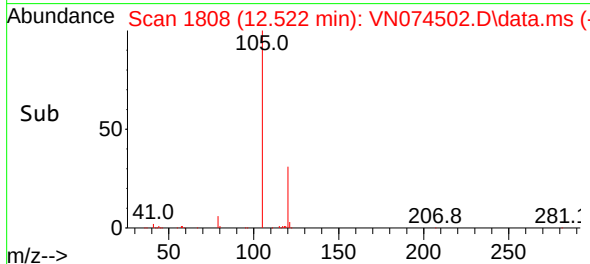
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



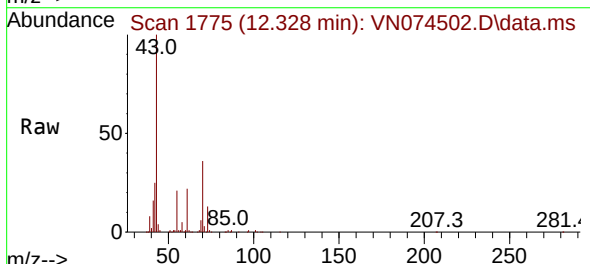
Tgt Ion:105 Resp: 358049
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

Manual Integrations
APPROVED

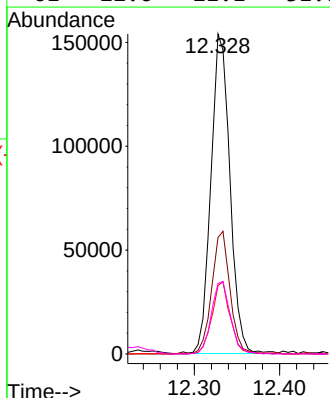
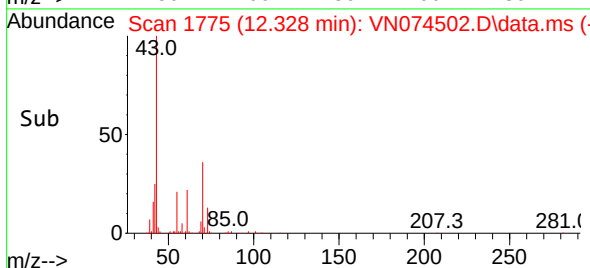
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

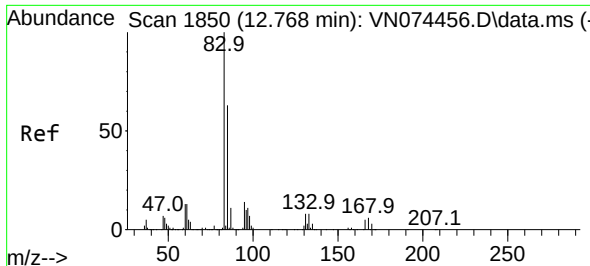


#74
N-ethyl acetate
Concen: 20.081 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



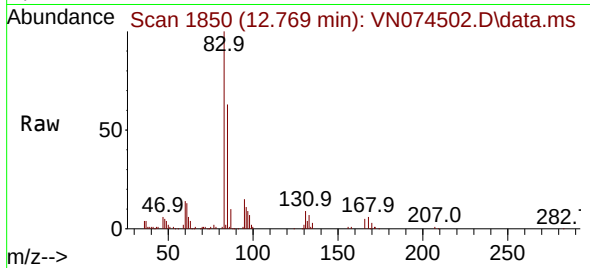
Tgt Ion: 43 Resp: 239893
Ion Ratio Lower Upper
43 100
70 36.8 39.0 58.4#
55 21.6 21.1 31.7
61 22.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.994 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

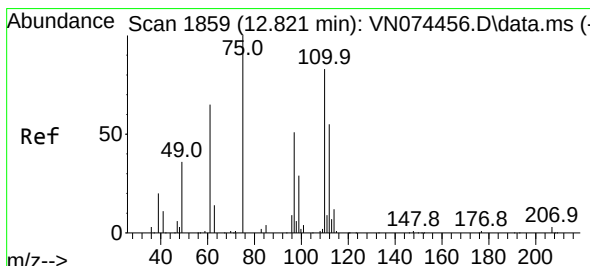
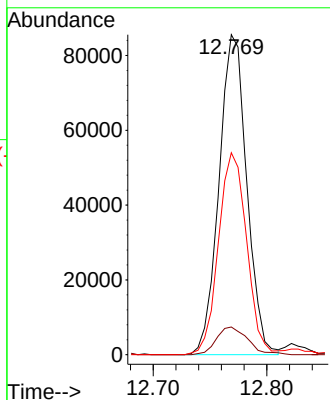
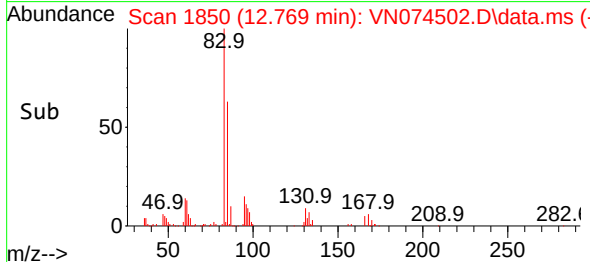
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



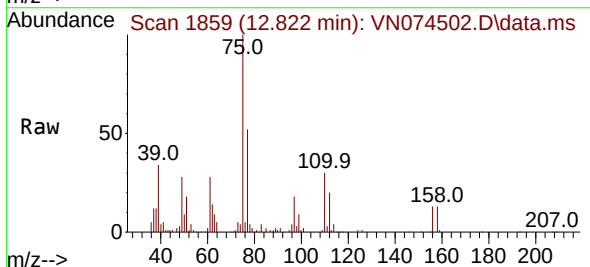
Tgt Ion: 83 Resp: 145432
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.9
85 64.0 32.3 96.9

Manual Integrations
APPROVED

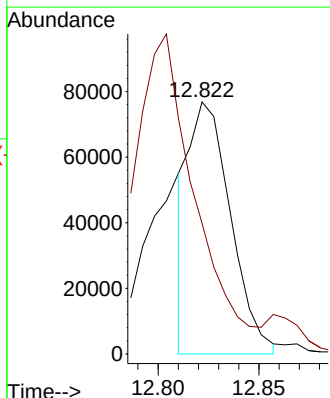
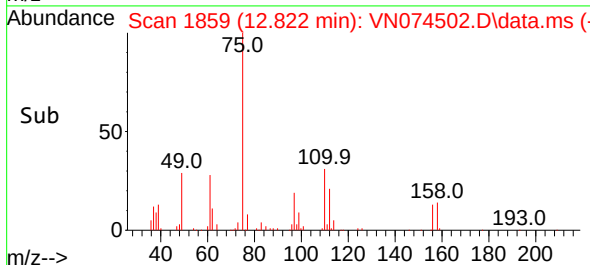
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

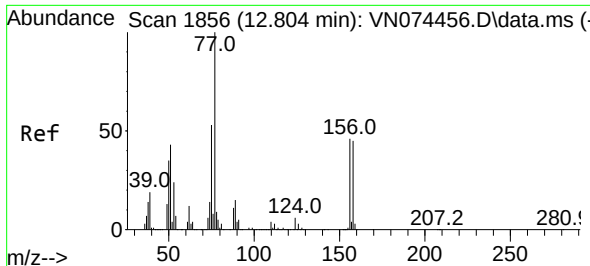


#76
1,2,3-Trichloropropane
Concen: 19.442 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



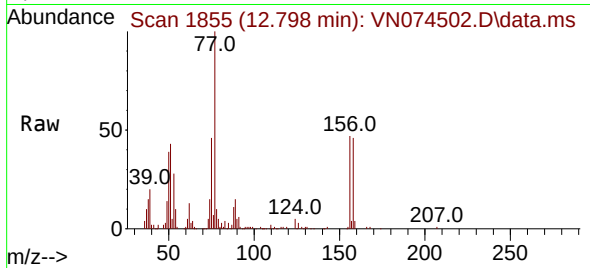
Tgt Ion: 75 Resp: 111670
Ion Ratio Lower Upper
75 100
77 182.4 98.5 295.5





#77
Bromobenzene
Concen: 18.768 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

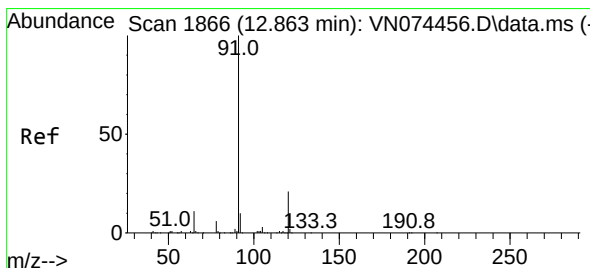
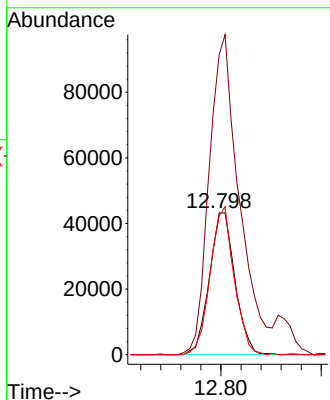
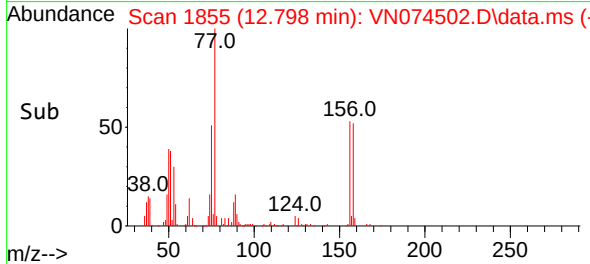
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion:156 Resp: 76600
Ion Ratio Lower Upper
156 100
77 266.0 100.5 301.5
158 97.2 48.9 146.6

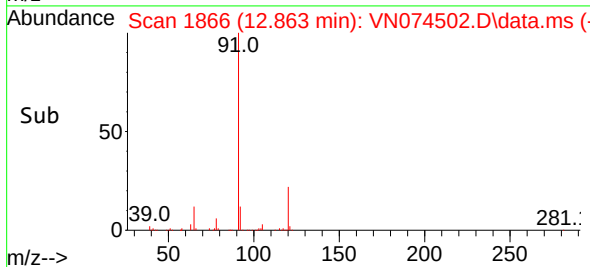
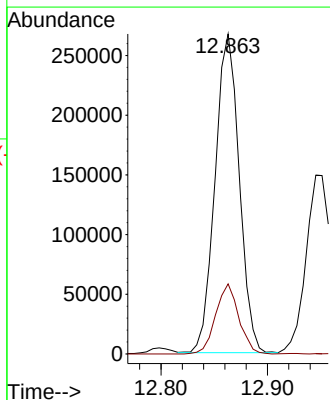
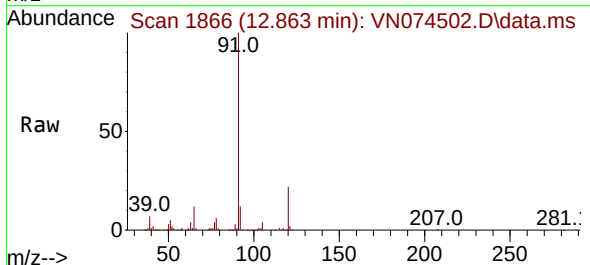
Manual Integrations
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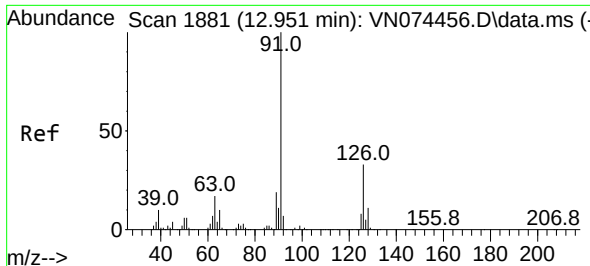
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
n-propylbenzene
Concen: 18.491 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Tgt Ion: 91 Resp: 420782
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5





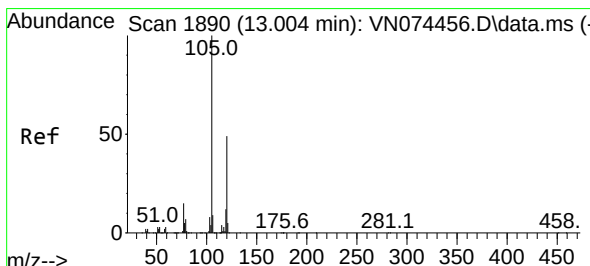
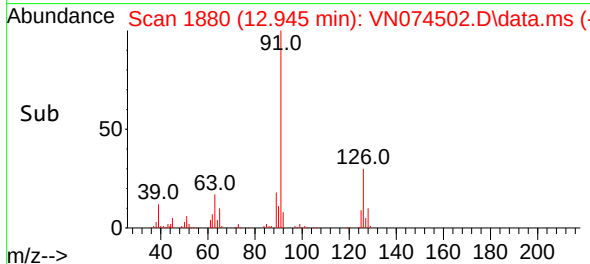
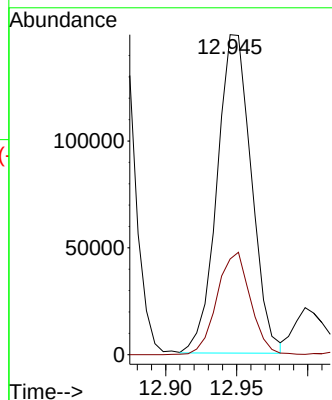
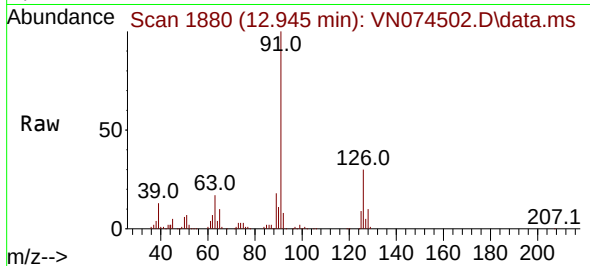
#79
2-Chlorotoluene
Concen: 18.464 ug/l
RT: 12.945 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tgt Ion: 91 Resp: 25082
Ion Ratio Lower Upper
91 100
126 31.3 17.3 51.9

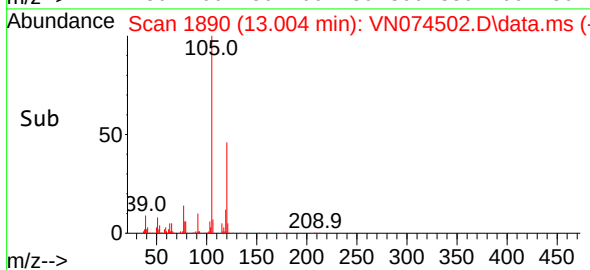
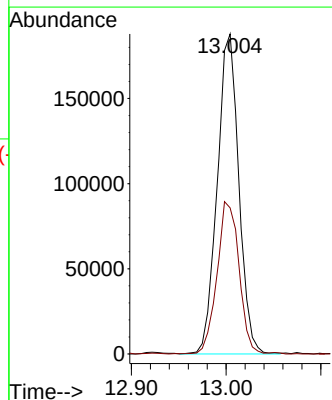
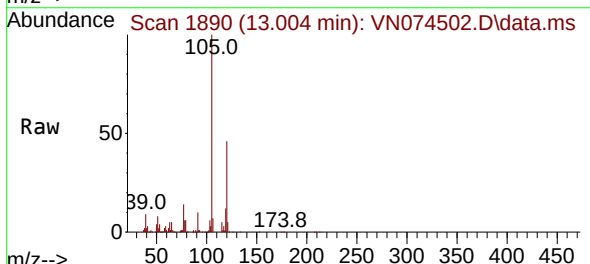
Manual Integrations
APPROVED

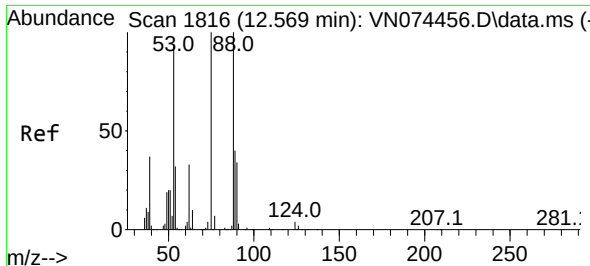
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.096 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

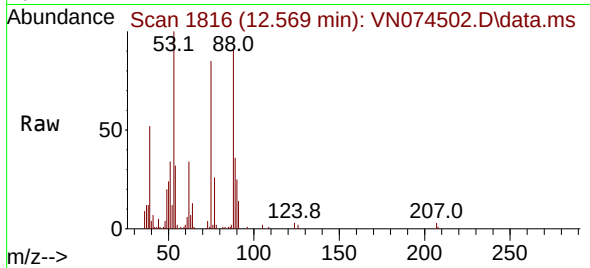
Tgt Ion:105 Resp: 297426
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.981 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

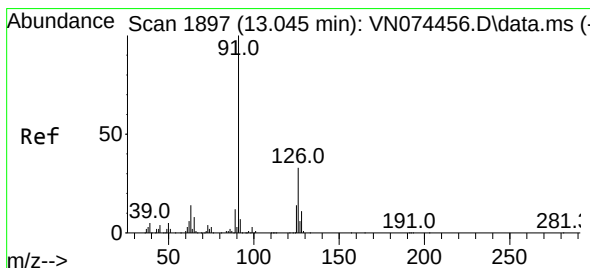
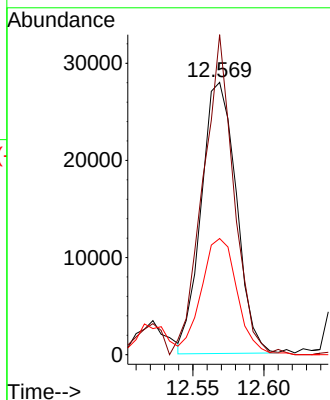
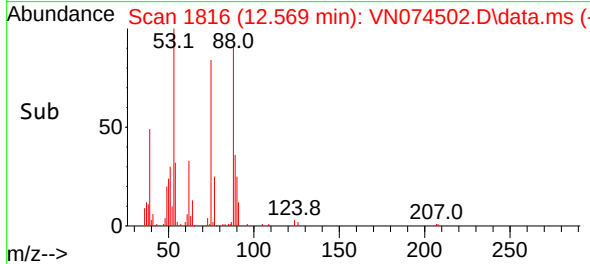
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



Tgt Ion: 75 Resp: 4785
Ion Ratio Lower Upper
75 100
53 104.0 78.0 117.0
89 44.0 37.2 55.8

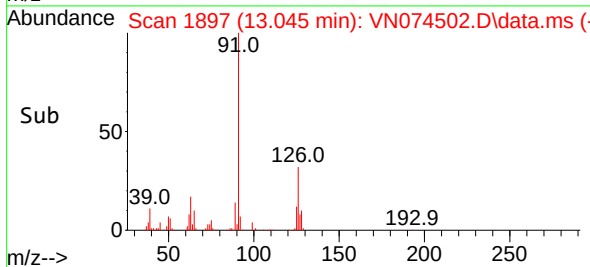
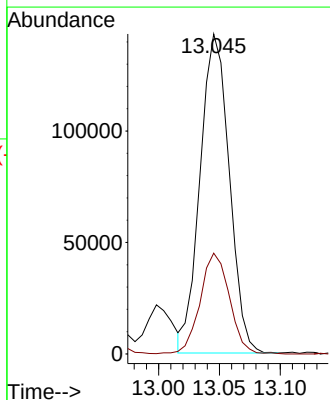
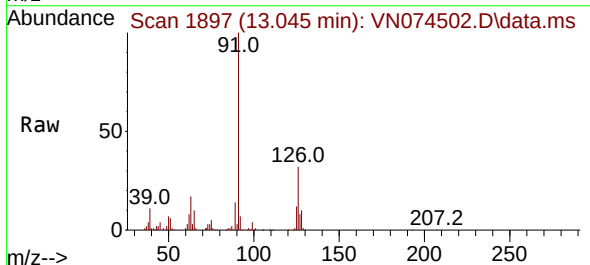
Manual Integrations
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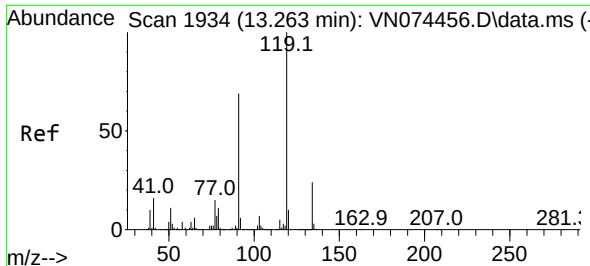
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 18.541 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

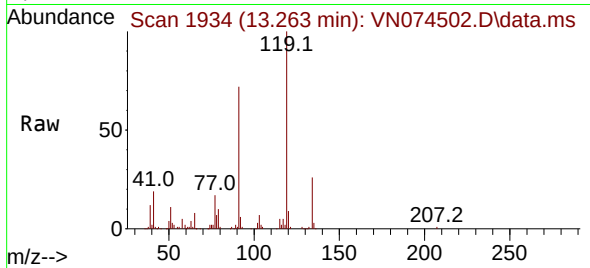
Tgt Ion: 91 Resp: 239402
Ion Ratio Lower Upper
91 100
126 31.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.438 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

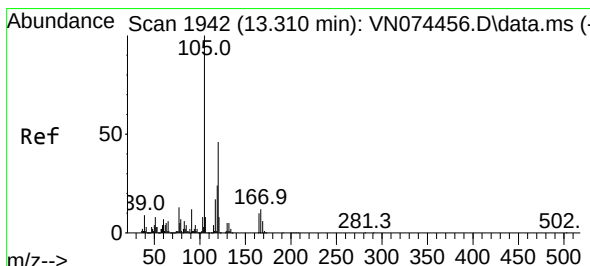
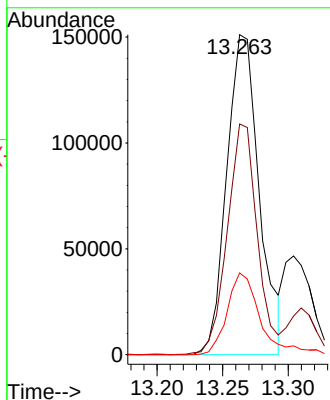
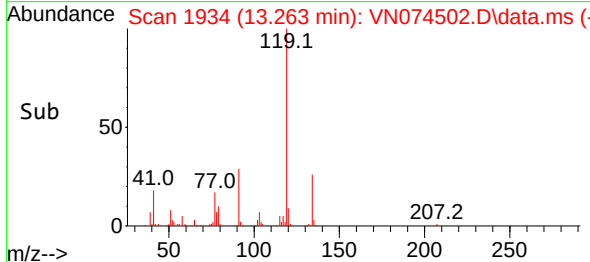
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



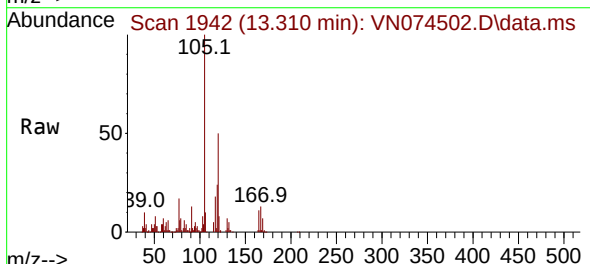
Tgt Ion:119 Resp: 26135
Ion Ratio Lower Upper
119 100
91 66.4 31.6 94.8
134 26.1 13.7 41.1

Manual Integrations
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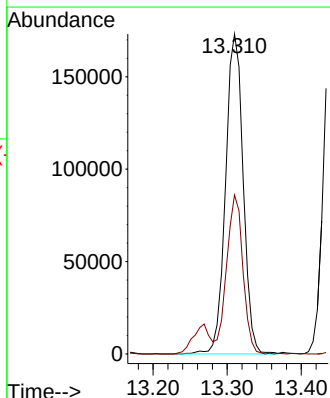
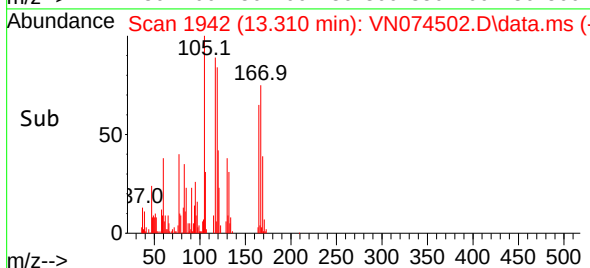
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

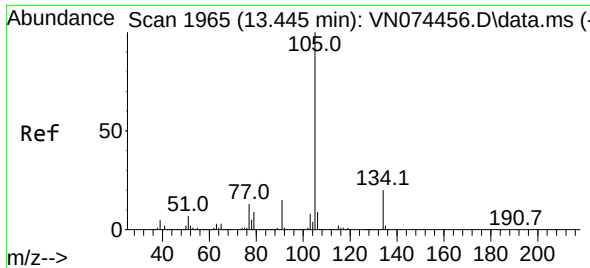


#84
1,2,4-Trimethylbenzene
Concen: 18.218 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion:105 Resp: 285545
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





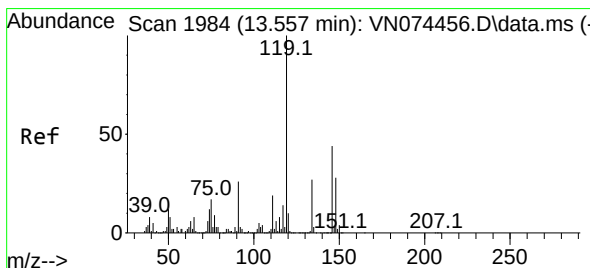
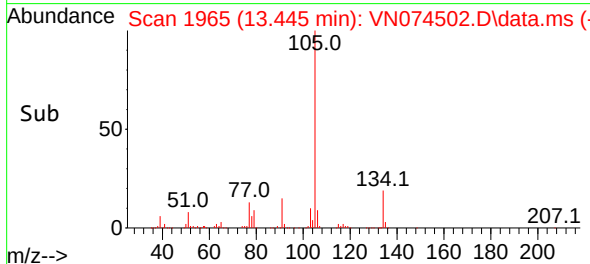
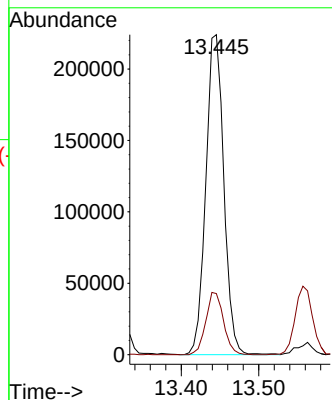
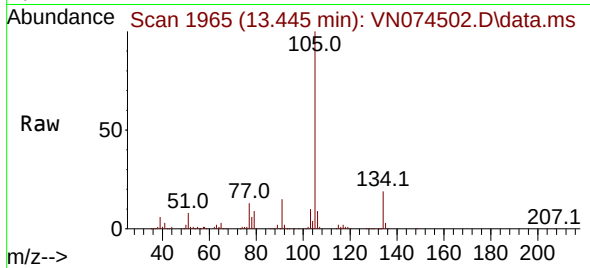
#85
 sec-Butylbenzene
 Concen: 18.570 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074502.D
 Acq: 16 Sep 2022 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

Tgt Ion:105 Resp: 361428
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

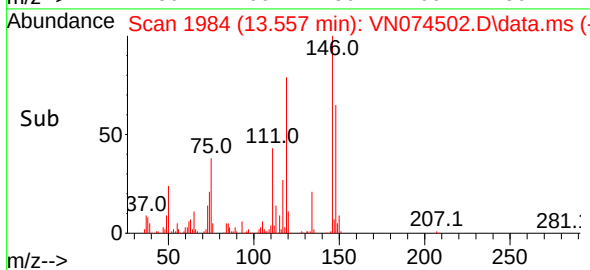
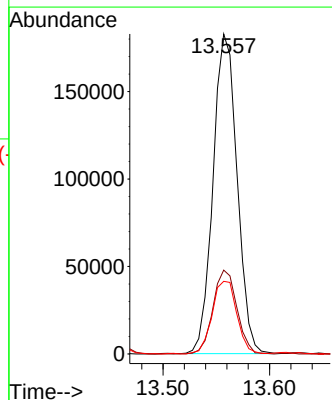
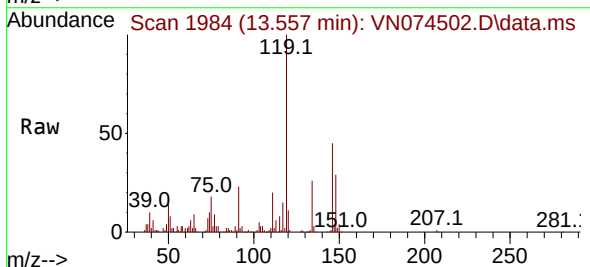
Manual Integrations
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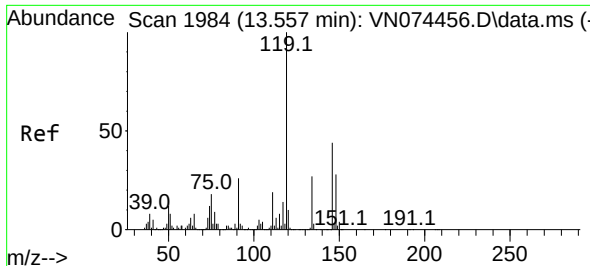
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#86
 p-Isopropyltoluene
 Concen: 18.910 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074502.D
 Acq: 16 Sep 2022 11:55

Tgt Ion:119 Resp: 286934
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.519 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

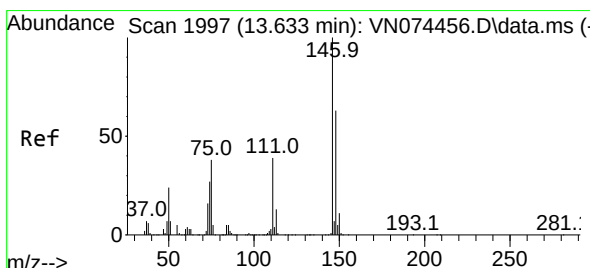
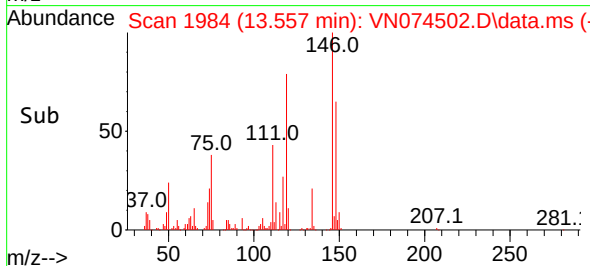
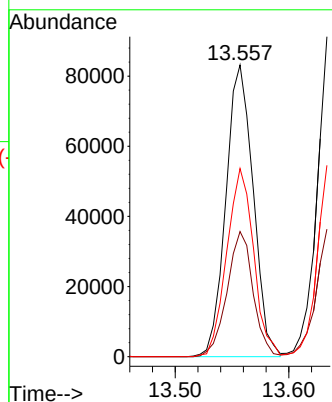
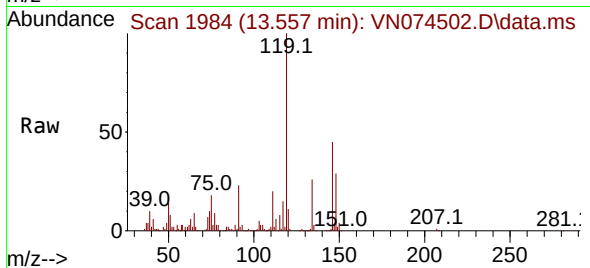
Tgt Ion:146 Resp: 138890
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#88

1,4-Dichlorobenzene

Concen: 18.517 ug/l

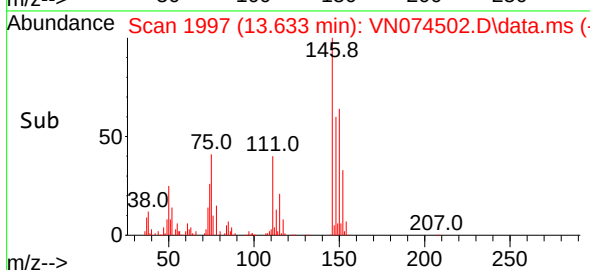
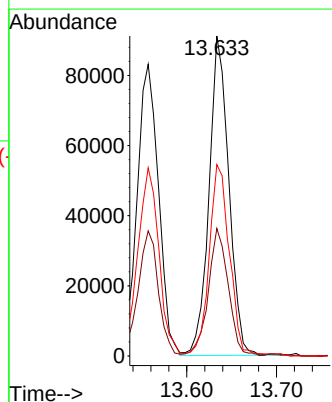
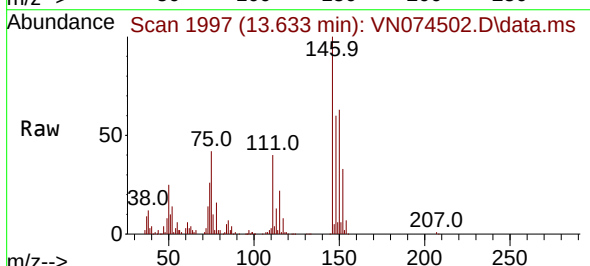
RT: 13.633 min Scan# 1997

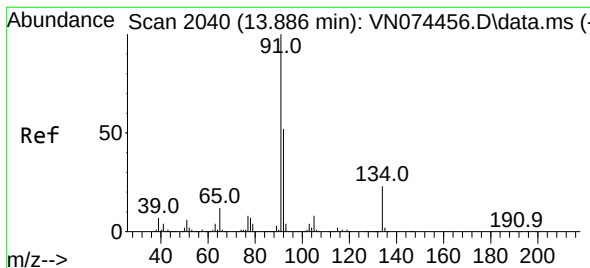
Delta R.T. 0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Tgt Ion:146 Resp: 139579
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.1 57.1
 148 61.6 31.4 94.3





#89

n-Butylbenzene

Concen: 18.557 ug/l

RT: 13.886 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

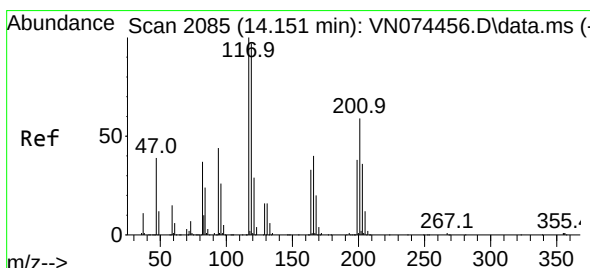
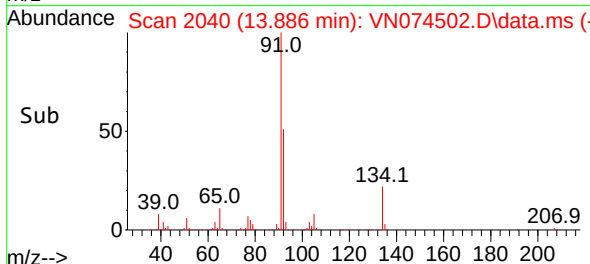
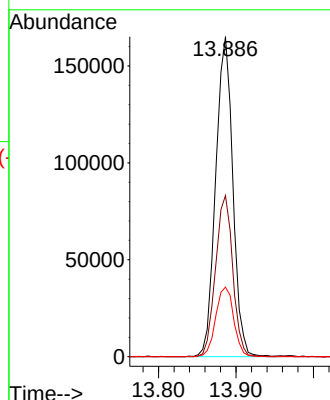
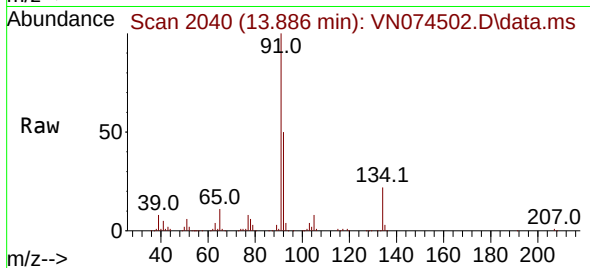
Tgt Ion:	91	Resp:	25380
Ion Ratio	Lower	Upper	
91	100		
92	50.5	26.9	80.7
134	22.9	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachloroethane

Concen: 16.856 ug/l

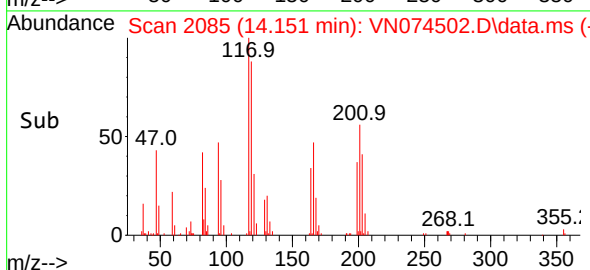
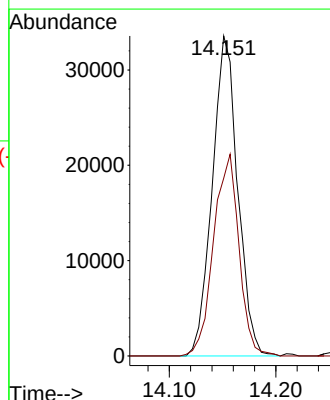
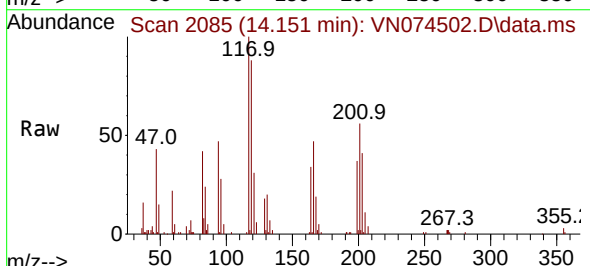
RT: 14.151 min Scan# 2085

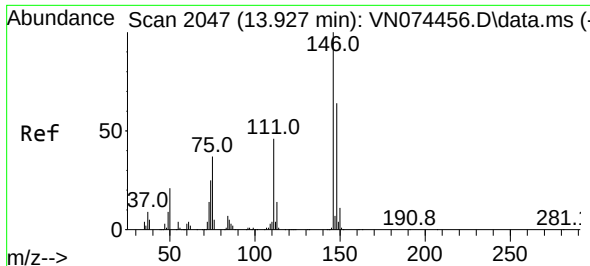
Delta R.T. 0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Tgt Ion:	117	Resp:	55650
Ion Ratio	Lower	Upper	
117	100		
201	63.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 18.281 ug/l

RT: 13.933 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

Tgt Ion:146 Resp: 142240

Ion Ratio Lower Upper

146 100

111 42.9 20.9 62.8

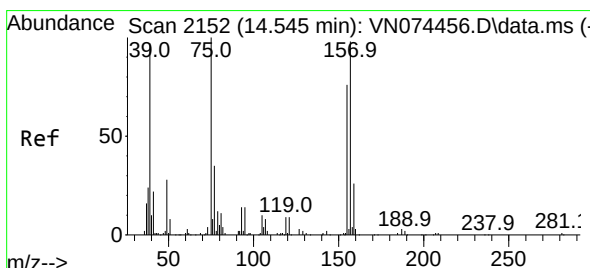
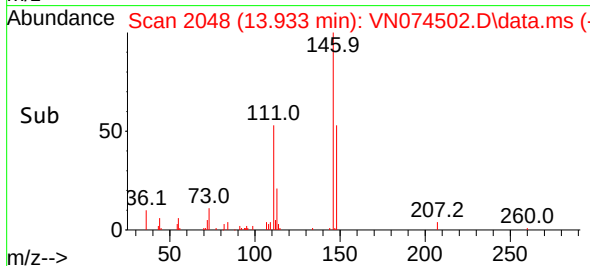
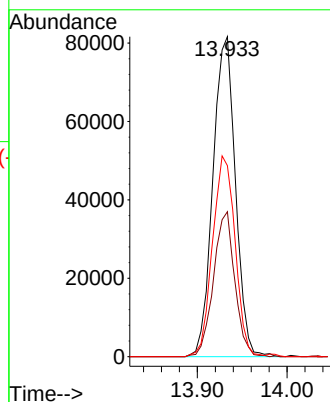
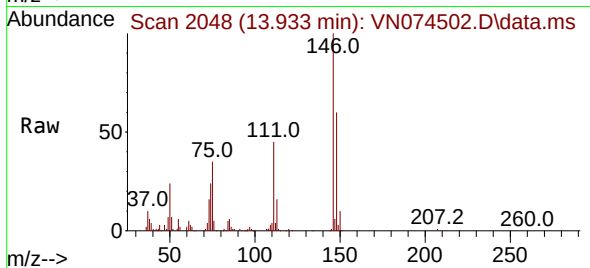
148 62.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.063 ug/l

RT: 14.551 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

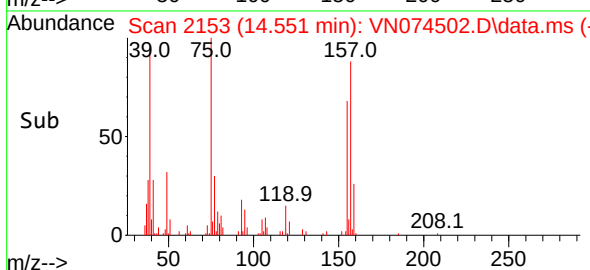
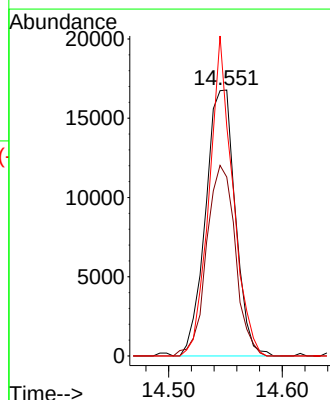
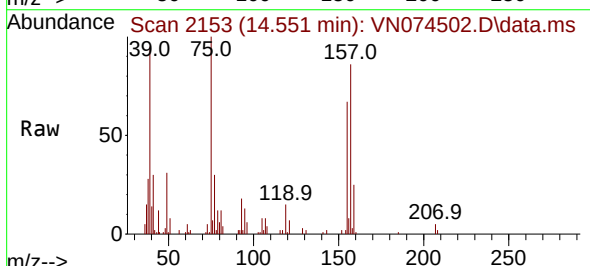
Tgt Ion: 75 Resp: 30539

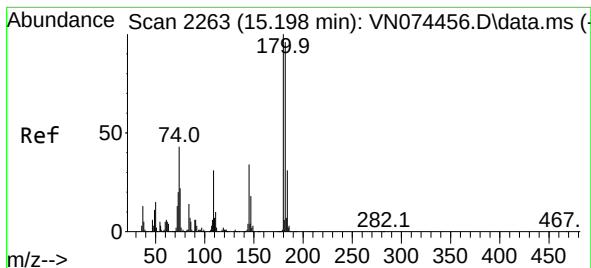
Ion Ratio Lower Upper

75 100

155 69.2 44.9 134.5

157 95.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 17.721 ug/l

RT: 15.204 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

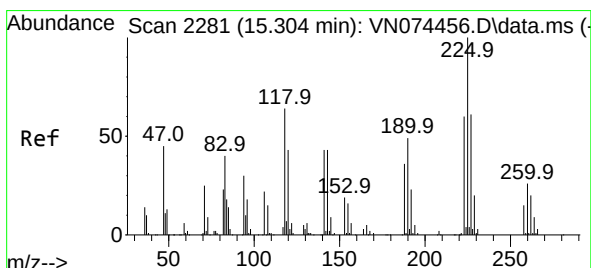
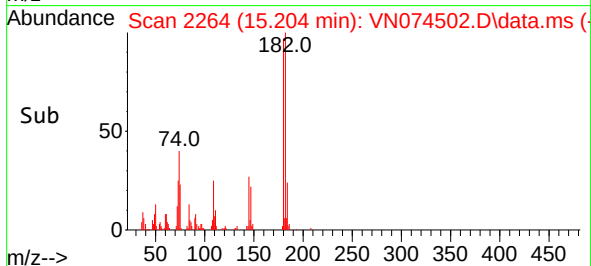
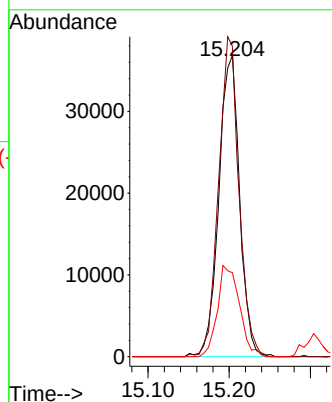
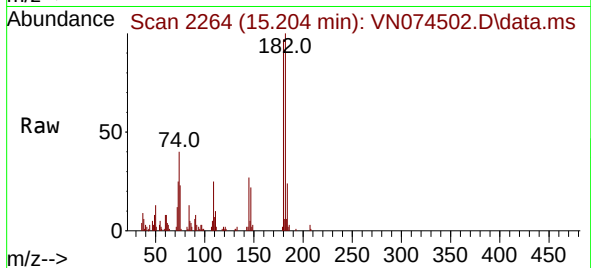
Tgt Ion:	180	Resp:	6569
Ion Ratio	Lower	Upper	
180	100		
182	103.8	47.5	142.5
145	32.0	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 16.928 ug/l

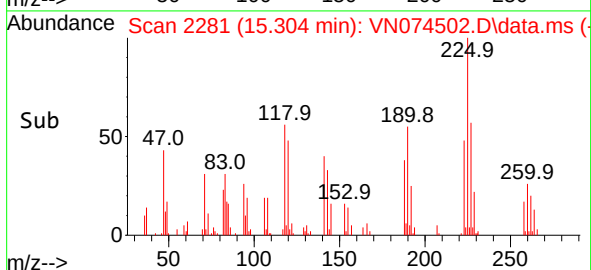
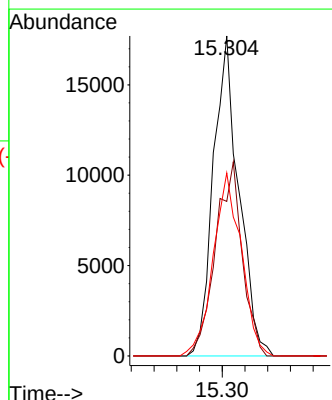
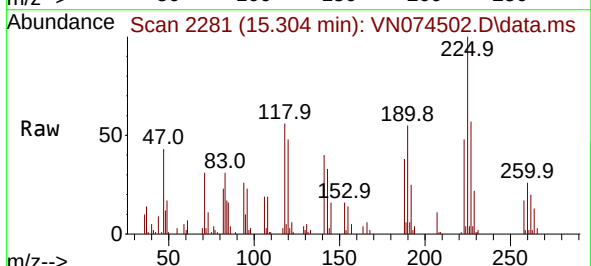
RT: 15.304 min Scan# 2281

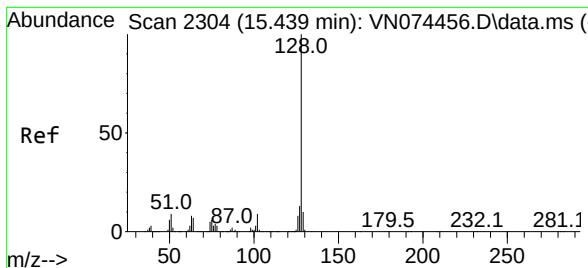
Delta R.T. -0.000 min

Lab File: VN074502.D

Acq: 16 Sep 2022 11:55

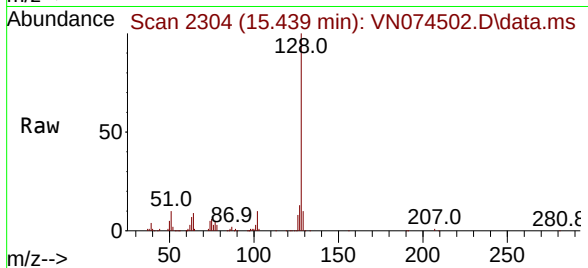
Tgt Ion:	225	Resp:	27579
Ion Ratio	Lower	Upper	
225	100		
223	63.5	32.4	97.2
227	62.9	31.8	95.4





#95
Naphthalene
Concen: 18.899 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55

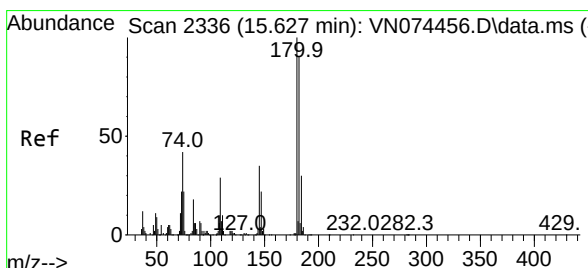
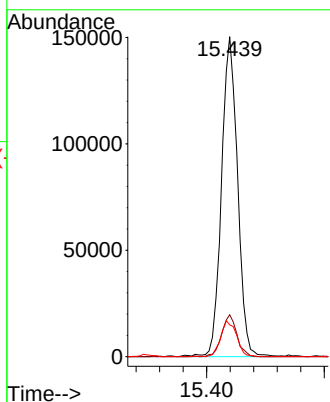
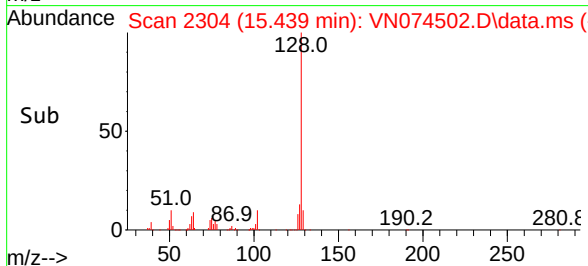
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01



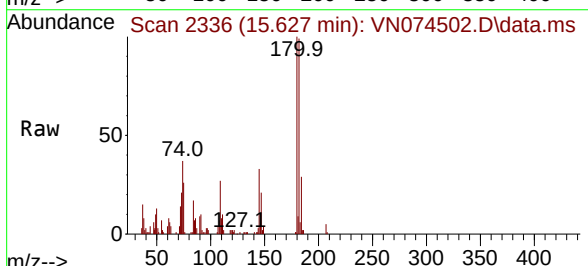
Tgt Ion:128 Resp: 285558
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.936 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074502.D
Acq: 16 Sep 2022 11:55



Tgt Ion:180 Resp: 65516
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.3
145 33.8 15.5 46.5

