

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074928.D
 Acq On : 17 Oct 2022 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 18 03:37:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	335019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	594632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	681224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	394492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	416708	47.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	8.177	113	328136	49.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.571	98	1397151	50.396	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.800%		
62) 4-Bromofluorobenzene	12.847	95	436577	54.203	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.148	85	287347	45.202	ug/l	95
3) Chloromethane	2.389	50	402224	47.018	ug/l	100
4) Vinyl Chloride	2.536	62	609911	43.884	ug/l	94
5) Bromomethane	2.930	94	520383	53.957	ug/l	99
6) Chloroethane	3.118	64	486448	45.588	ug/l	97
7) Trichlorofluoromethane	3.506	101	439735	45.340	ug/l	97
8) Diethyl Ether	3.983	74	202267	46.893	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	264821	46.975	ug/l	94
10) Methyl Iodide	4.612	142	358792	47.276	ug/l	99
11) Tert butyl alcohol	5.559	59	458833	238.580	ug/l	99
12) 1,1-Dichloroethene	4.359	96	258135	46.104	ug/l	85
13) Acrolein	4.206	56	414807	218.879	ug/l	100
14) Allyl chloride	5.053	41	472603	43.586	ug/l	94
15) Acrylonitrile	5.747	53	1183787	235.424	ug/l	100
16) Acetone	4.453	43	933580	224.701	ug/l	96
17) Carbon Disulfide	4.730	76	613721	43.181	ug/l	98
18) Methyl Acetate	5.053	43	676918	44.549	ug/l	97
19) Methyl tert-butyl Ether	5.824	73	1070981	48.842	ug/l	96
20) Methylene Chloride	5.300	84	331191	45.493	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	279555	44.280	ug/l	96
22) Diisopropyl ether	6.694	45	1203481	48.902	ug/l	96
23) Vinyl Acetate	6.624	43	4406765	252.447	ug/l	100
24) 1,1-Dichloroethane	6.583	63	632365	47.575	ug/l	95
25) 2-Butanone	7.500	43	1593837	230.373	ug/l	98
26) 2,2-Dichloropropane	7.500	77	456819	42.027	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	369131	46.874	ug/l	99
28) Bromochloromethane	7.824	49	321414	49.599	ug/l	99
29) Tetrahydrofuran	7.847	42	1113433	236.348	ug/l	99
30) Chloroform	7.977	83	619545	47.935	ug/l	95
31) Cyclohexane	8.265	56	530379	46.403	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	526469	48.109	ug/l	98
36) 1,1-Dichloropropene	8.383	75	435853	49.648	ug/l	97
37) Ethyl Acetate	7.577	43	642403	50.652	ug/l	100
38) Carbon Tetrachloride	8.371	117	429759	48.365	ug/l	90
39) Methylcyclohexane	9.606	83	532389	49.210	ug/l	97
40) Benzene	8.618	78	1440668	49.690	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	330087	46.277	ug/l	98
42) 1,2-Dichloroethane	8.683	62	488249	48.665	ug/l	99
43) Isopropyl Acetate	8.700	43	1029403	49.005	ug/l	99
44) Trichloroethene	9.353	130	297015	47.956	ug/l	98
45) 1,2-Dichloropropane	9.624	63	391081	48.701	ug/l	96
46) Dibromomethane	9.718	93	255211	49.635	ug/l	98
47) Bromodichloromethane	9.894	83	507337	52.707	ug/l	99
48) Methyl methacrylate	9.612	41	471195	48.940	ug/l	98
49) 1,4-Dioxane	9.700	88	190107	1047.230	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	3462949	254.535	ug/l	99
52) Toluene	10.635	92	922224	51.935	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	577628	53.044	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	583562	49.608	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	376420	50.243	ug/l	96
56) Ethyl methacrylate	10.877	69	628048	52.325	ug/l	99
57) 1,3-Dichloropropane	11.165	76	667355	50.182	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	1349923	224.264	ug/l	100
59) 2-Hexanone	11.200	43	2557994	250.958	ug/l	99
60) Dibromochloromethane	11.365	129	375389	52.944	ug/l	99
61) 1,2-Dibromoethane	11.471	107	374174	50.844	ug/l	95
64) Tetrachloroethene	11.106	164	243163	48.255	ug/l	89
65) Chlorobenzene	11.894	112	913272	46.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	349891	50.406	ug/l	97
67) Ethyl Benzene	11.965	91	1805116	50.745	ug/l	99
68) m/p-Xylenes	12.076	106	1390647	104.634	ug/l	100
69) o-Xylene	12.400	106	685832	50.808	ug/l	97
70) Styrene	12.412	104	1147484	54.071	ug/l	98
71) Bromoform	12.576	173	263411	51.541	ug/l #	99
73) Isopropylbenzene	12.700	105	1827519	48.635	ug/l	98
74) N-amyl acetate	12.494	43	953530	45.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	625237	43.573	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	465150m	41.717	ug/l	
77) Bromobenzene	12.982	156	360504	43.938	ug/l	97
78) n-propylbenzene	13.035	91	2147283	49.232	ug/l	98
79) 2-Chlorotoluene	13.129	91	1215486	44.934	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1494930	48.459	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	212200	45.746	ug/l	94
82) 4-Chlorotoluene	13.223	91	1133975	47.709	ug/l	98
83) tert-Butylbenzene	13.441	119	1304812	46.217	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1443888	48.769	ug/l	100
85) sec-Butylbenzene	13.618	105	1891423	48.902	ug/l	100
86) p-Isopropyltoluene	13.735	119	1465905	49.958	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	662218	48.822	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	636598	44.423	ug/l	99
89) n-Butylbenzene	14.059	91	1217783	49.863	ug/l	99
90) Hexachloroethane	14.335	117	284090	46.895	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	634805	46.857	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	102829	44.077	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	298964	47.149	ug/l	97
94) Hexachlorobutadiene	15.500	225	138114	45.636	ug/l	96
95) Naphthalene	15.641	128	1220899	44.656	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	303939	45.924	ug/l	98

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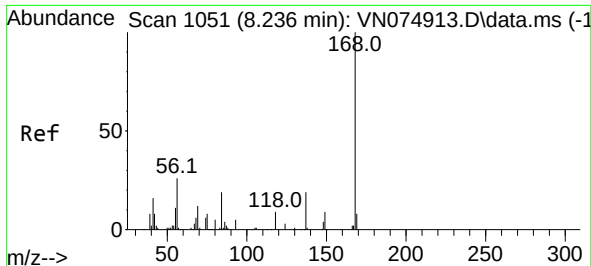
Manual Integrations
APPROVED

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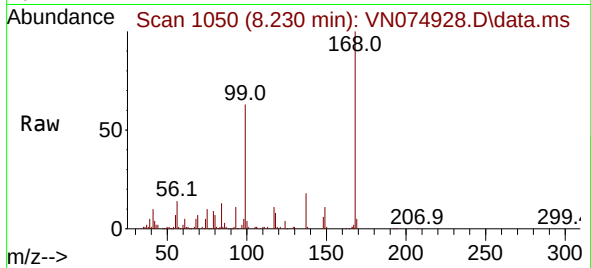
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1051
Delta R.T. -0.006 min
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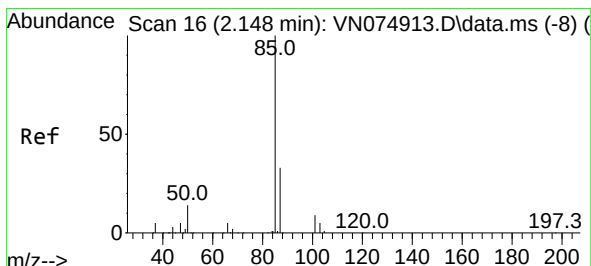
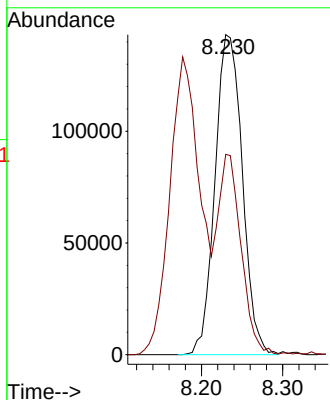
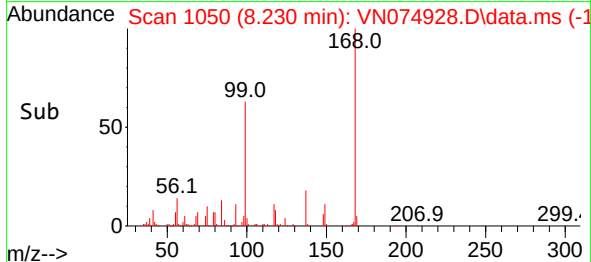
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 335019
Ion Ratio Lower Upper
168 100
99 62.4 47.6 71.4

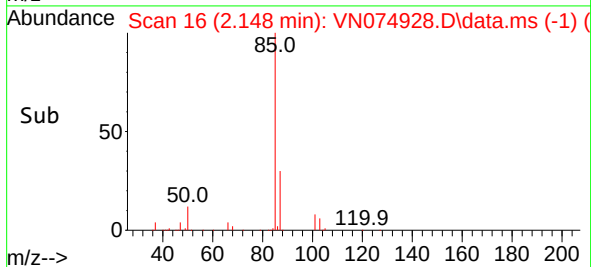
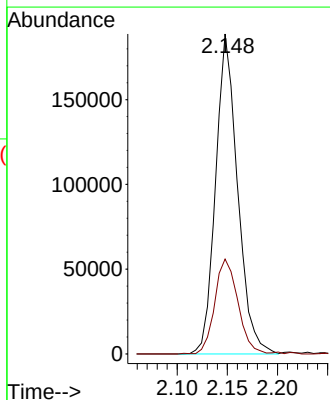
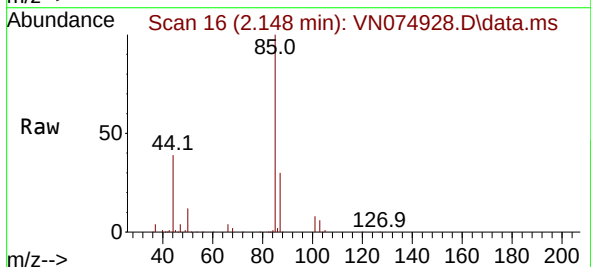
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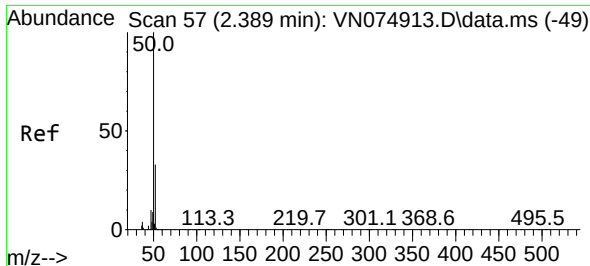
Reviewed By :John Carlone 10/18/2022
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#2
Dichlorodifluoromethane
Concen: 45.202 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion: 85 Resp: 287347
Ion Ratio Lower Upper
85 100
87 29.6 16.4 49.1





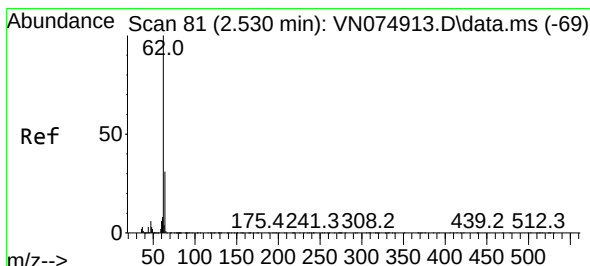
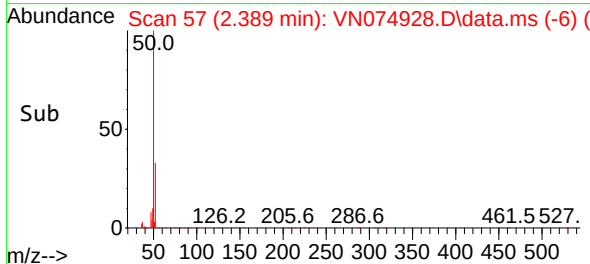
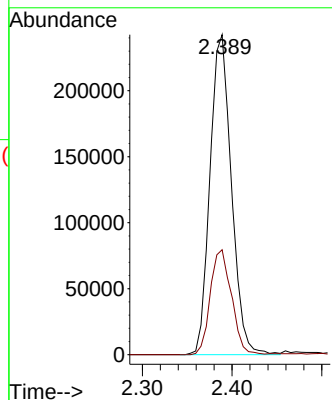
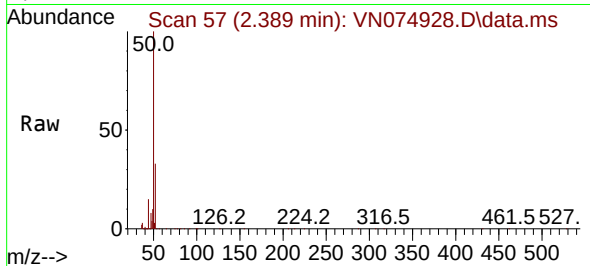
#3
Chloromethane
Concen: 47.018 ug/l
RT: 2.389 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

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Tgt Ion: 50 Resp: 402224
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

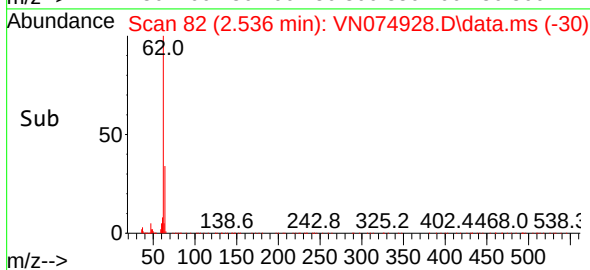
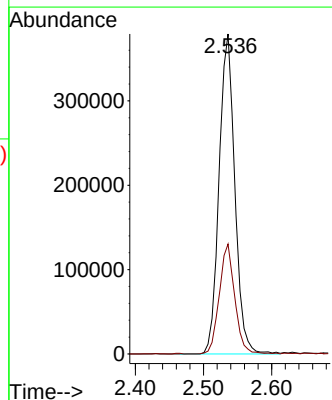
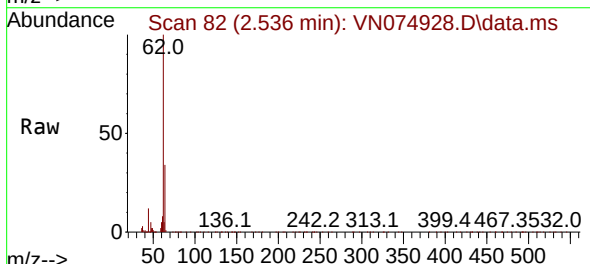
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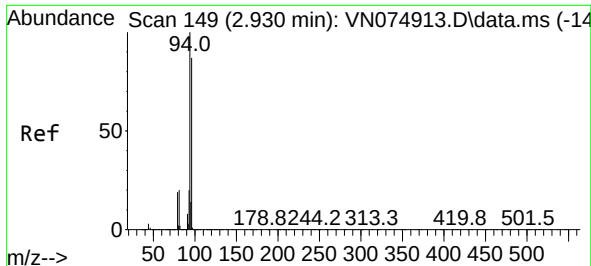
Reviewed By :John Carlone 10/18/2022
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#4
Vinyl Chloride
Concen: 43.884 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074928.D
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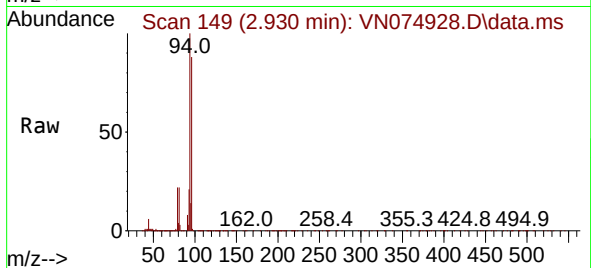
Tgt Ion: 62 Resp: 609911
Ion Ratio Lower Upper
62 100
64 34.3 24.8 37.2





#5
Bromomethane
Concen: 53.957 ug/l
RT: 2.930 min Scan# 149
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

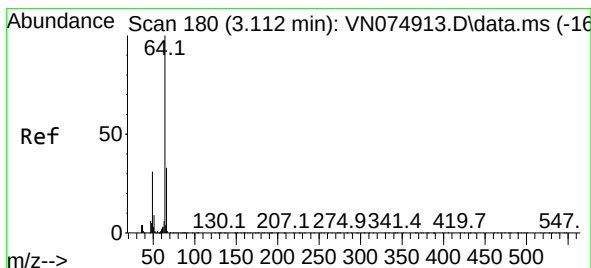
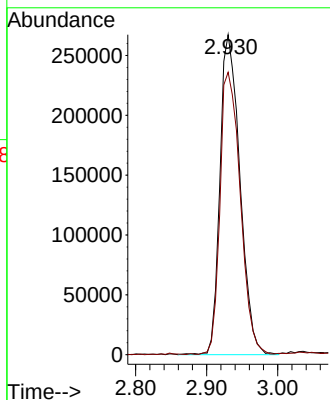
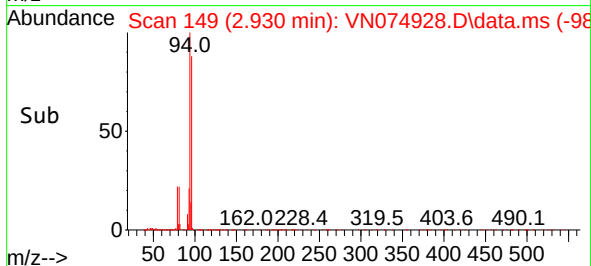
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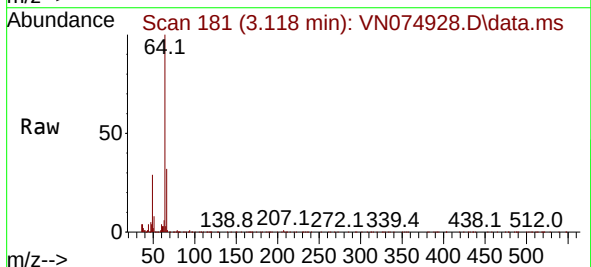
Tgt Ion: 94 Resp: 52038
Ion Ratio Lower Upper
94 100
96 88.0 70.0 105.0

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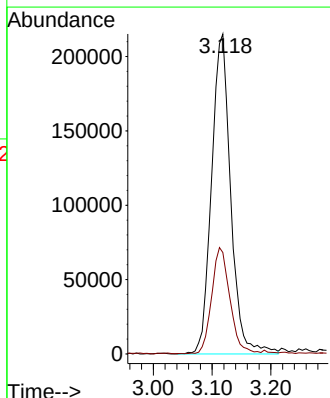
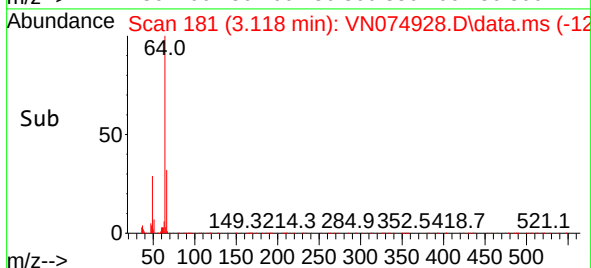
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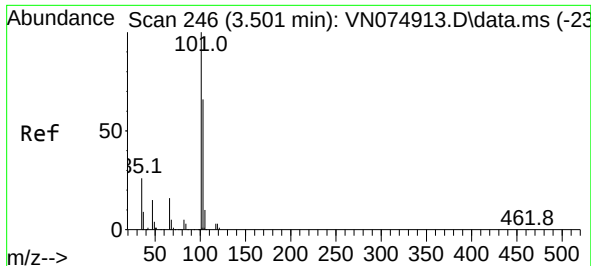


#6
Chloroethane
Concen: 45.588 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



Tgt Ion: 64 Resp: 486448
Ion Ratio Lower Upper
64 100
66 31.5 26.8 40.2





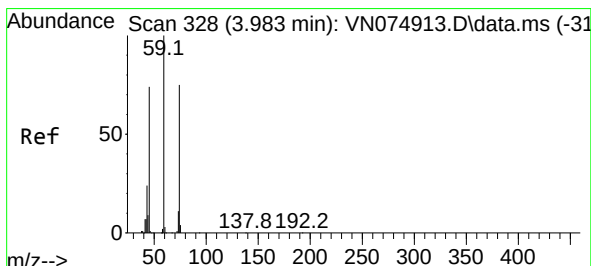
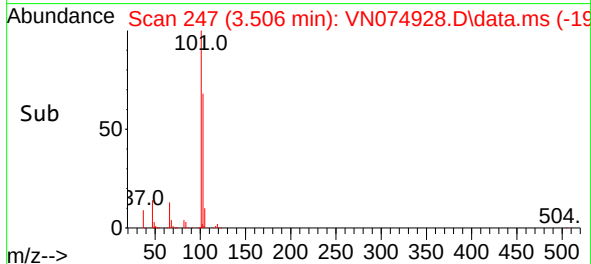
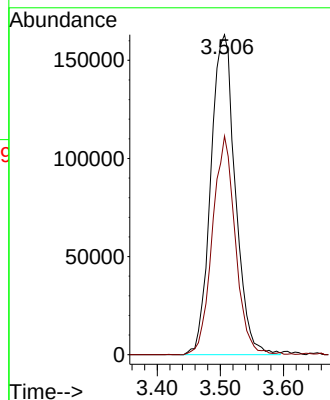
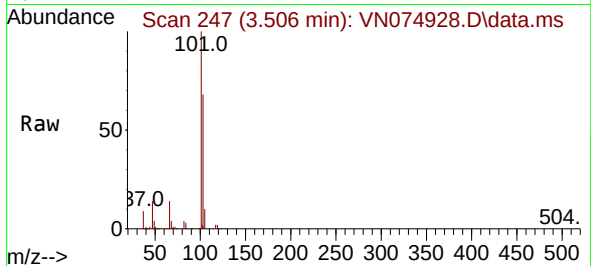
#7
Trichlorofluoromethane
Concen: 45.340 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 439735
Ion Ratio Lower Upper
101 100
103 68.3 52.9 79.3

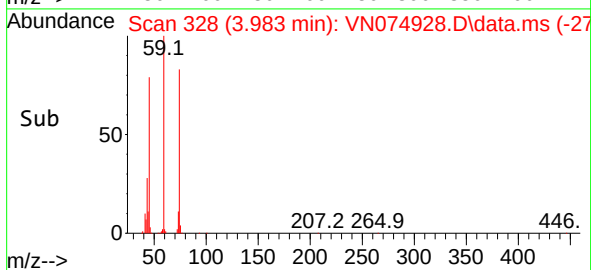
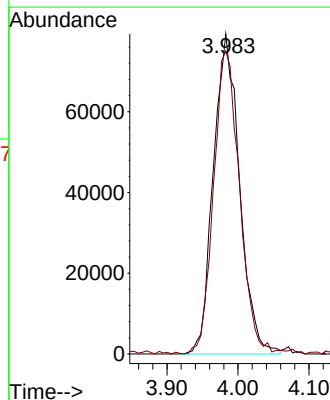
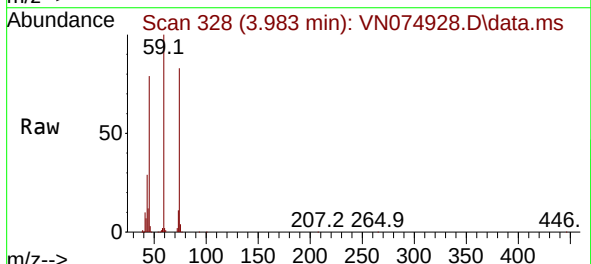
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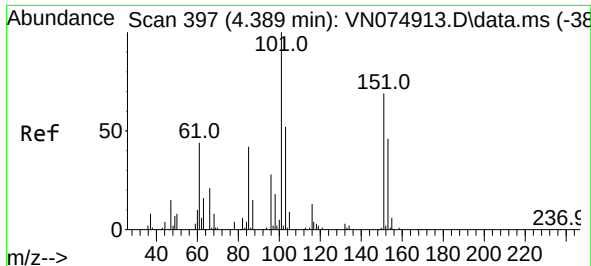
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#8
Diethyl Ether
Concen: 46.893 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion: 74 Resp: 202267
Ion Ratio Lower Upper
74 100
45 94.4 49.4 148.2





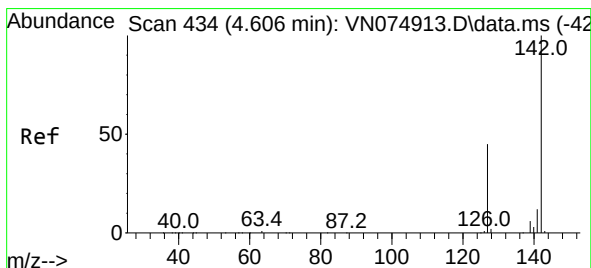
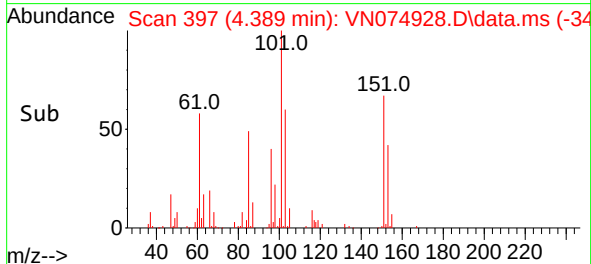
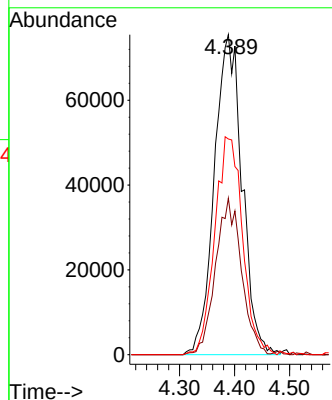
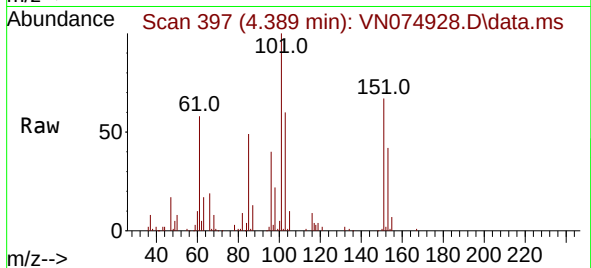
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.975 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 26482
Ion Ratio Lower Upper
101 100
85 45.7 40.6 60.8
151 68.0 57.9 86.9

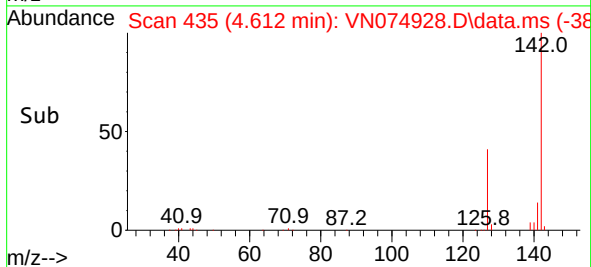
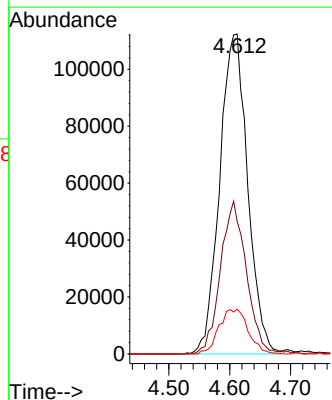
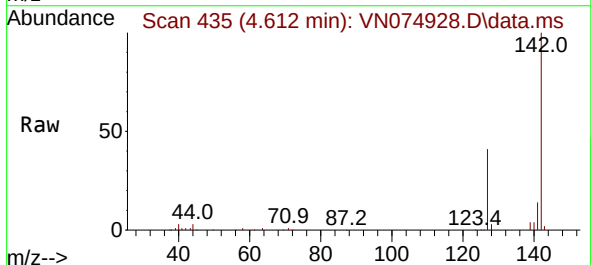
Manual Integrations
APPROVED

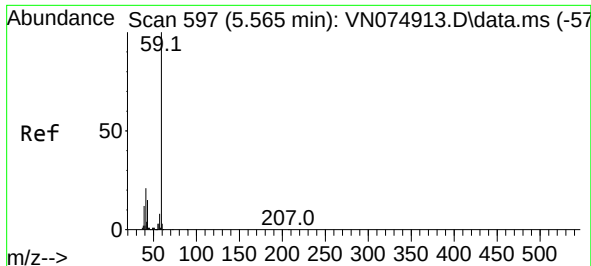
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 47.276 ug/l
RT: 4.612 min Scan# 435
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion:142 Resp: 358792
Ion Ratio Lower Upper
142 100
127 44.5 35.2 52.8
141 14.5 11.8 17.6





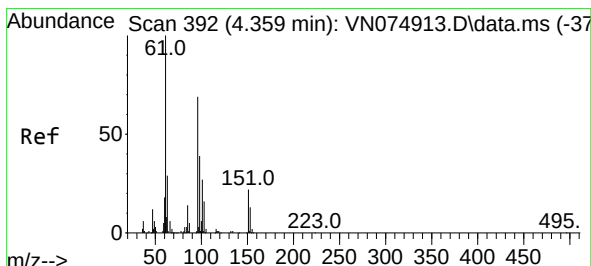
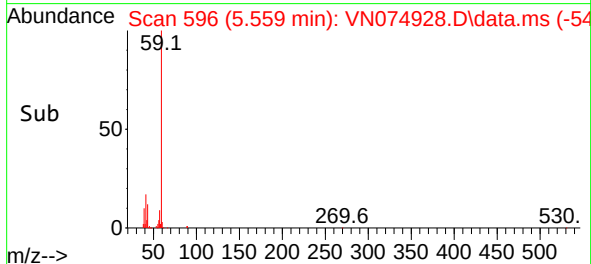
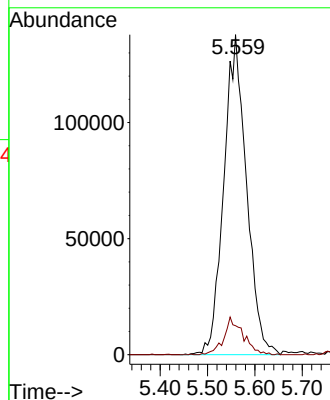
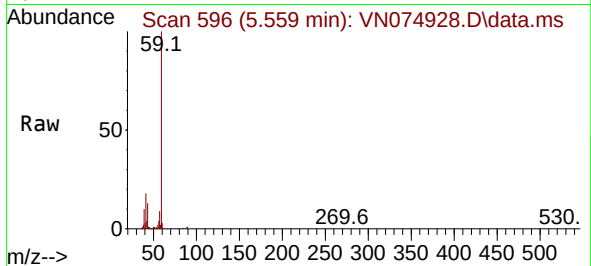
#11
Tert butyl alcohol
Concen: 238.580 ug/l
RT: 5.559 min Scan# 597
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 458833
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

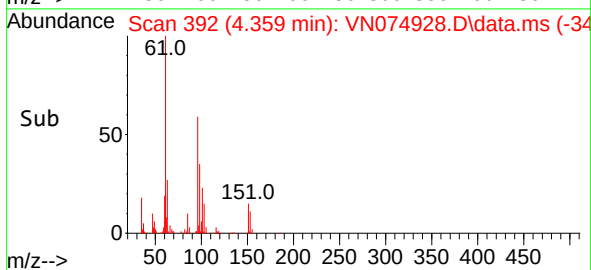
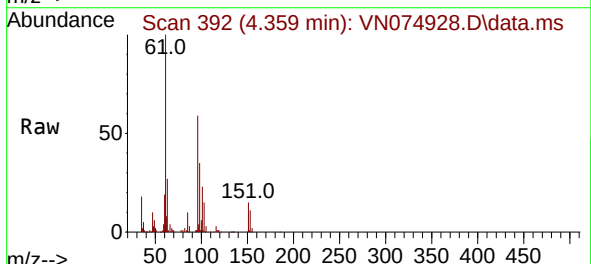
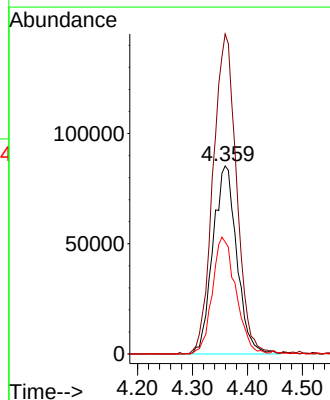
Manual Integrations
APPROVED

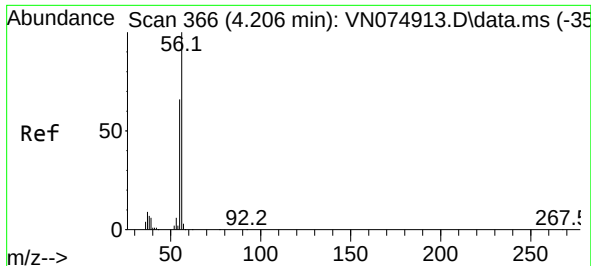
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#12
1,1-Dichloroethene
Concen: 46.104 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

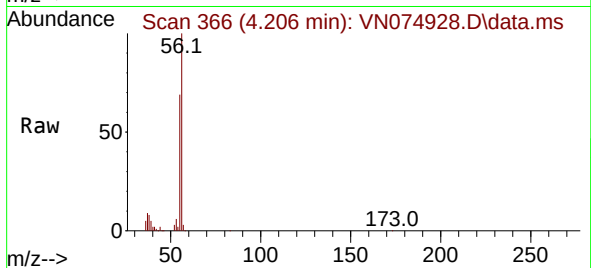
Tgt Ion: 96 Resp: 258135
Ion Ratio Lower Upper
96 100
61 169.8 116.7 175.1
98 59.6 45.4 68.0





#13
Acrolein
Concen: 218.879 ug/l
RT: 4.206 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

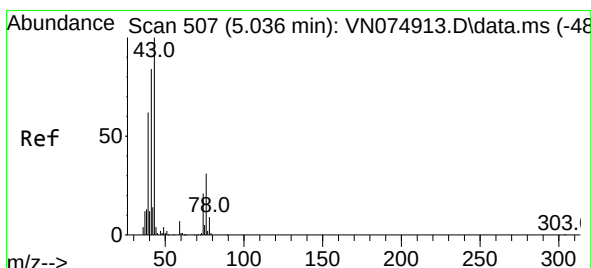
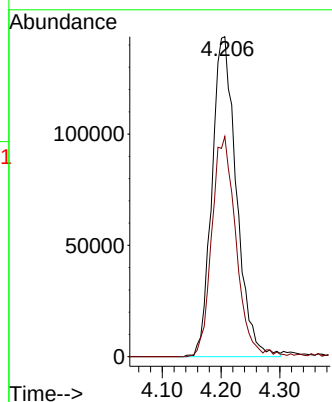
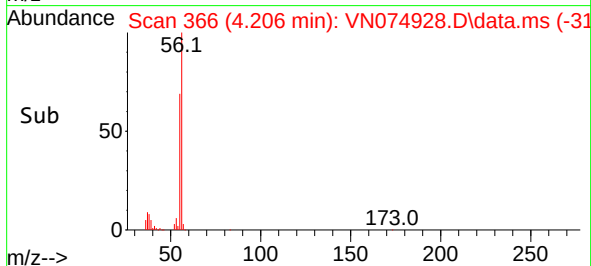
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 41480
Ion Ratio Lower Upper
56 100
55 67.1 53.4 80.0

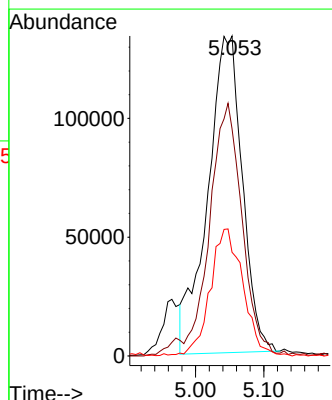
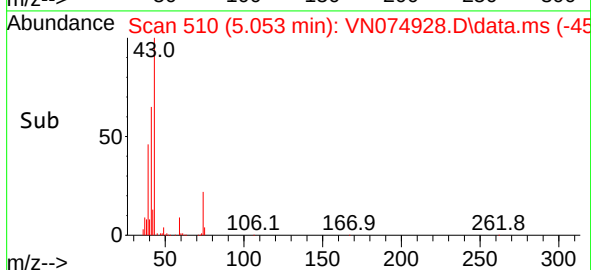
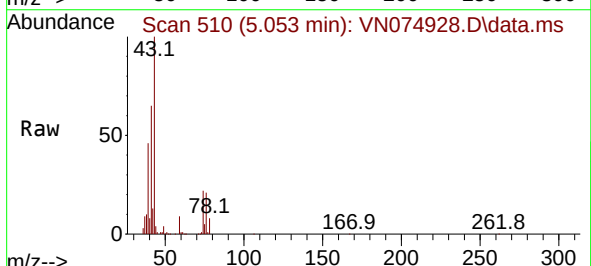
Manual Integrations
APPROVED

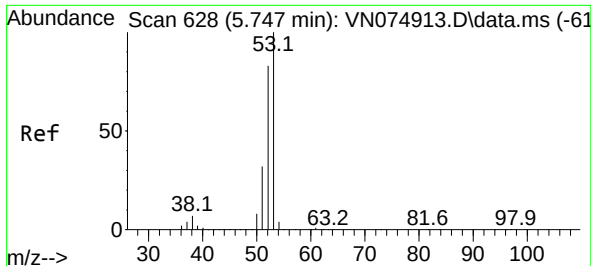
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 43.586 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

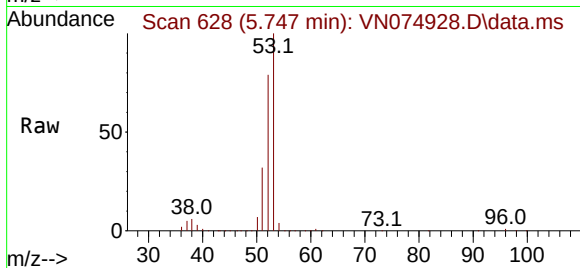
Tgt Ion: 41 Resp: 472603
Ion Ratio Lower Upper
41 100
39 72.0 54.7 82.1
76 37.7 25.5 38.3





#15
Acrylonitrile
Concen: 235.424 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

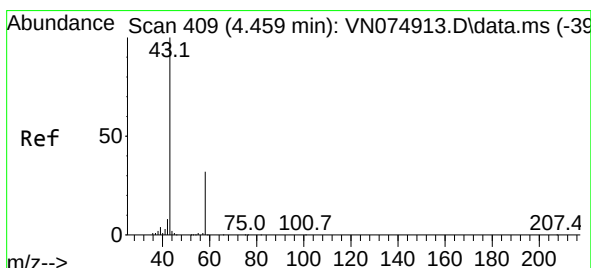
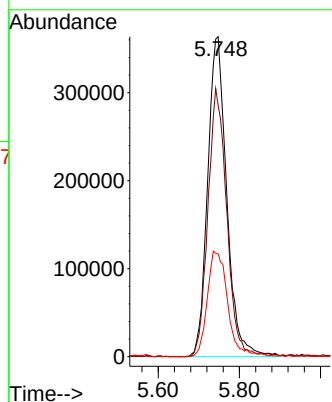
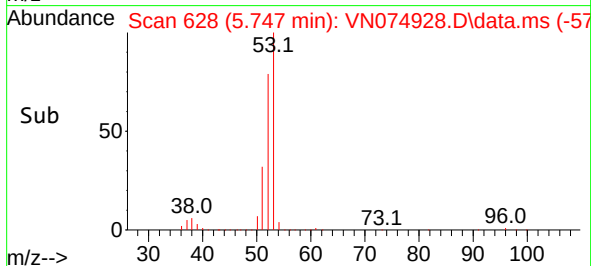
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



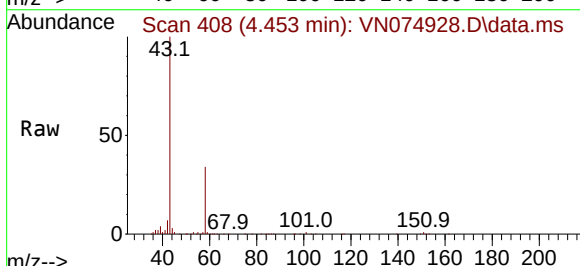
Tgt Ion: 53 Resp: 118378
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.3 28.5 42.7

Manual Integrations
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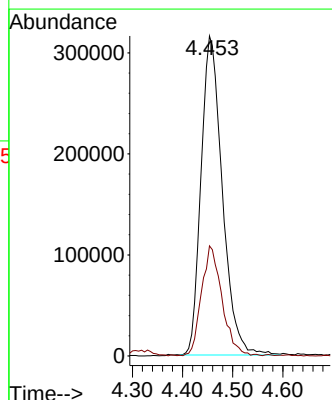
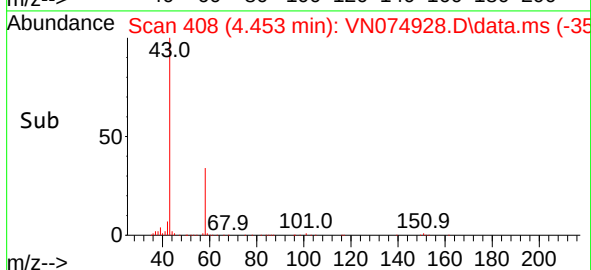
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

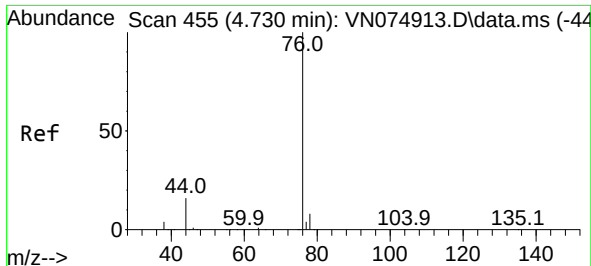


#16
Acetone
Concen: 224.701 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



Tgt Ion: 43 Resp: 933580
Ion Ratio Lower Upper
43 100
58 34.3 25.8 38.8





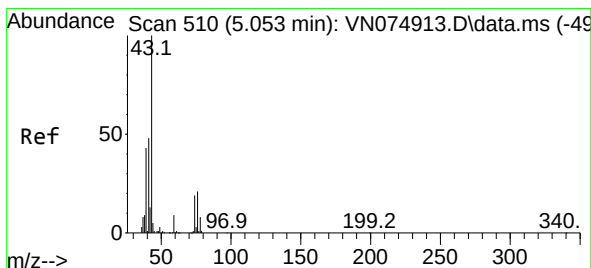
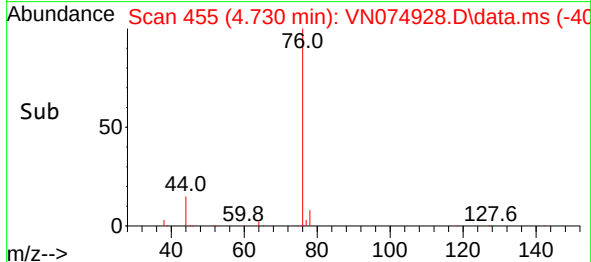
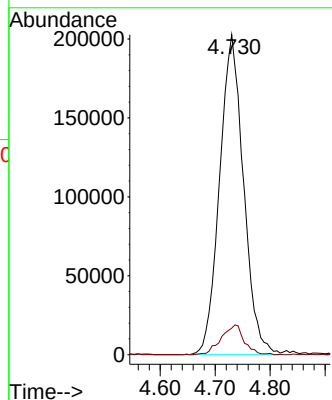
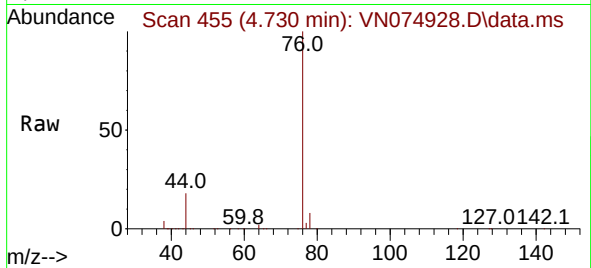
#17
Carbon Disulfide
Concen: 43.181 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 61372
Ion Ratio Lower Upper
76 100
78 8.3 6.1 9.1

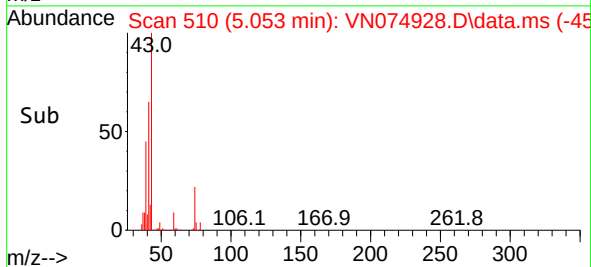
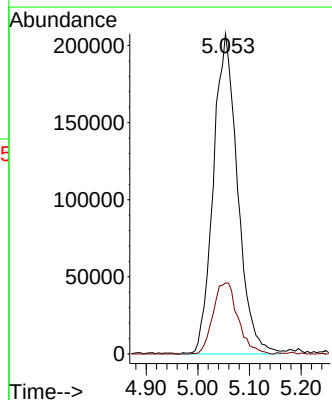
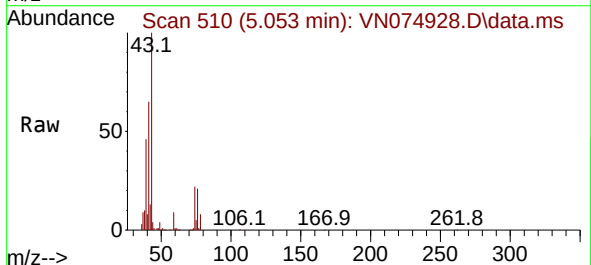
Manual Integrations
APPROVED

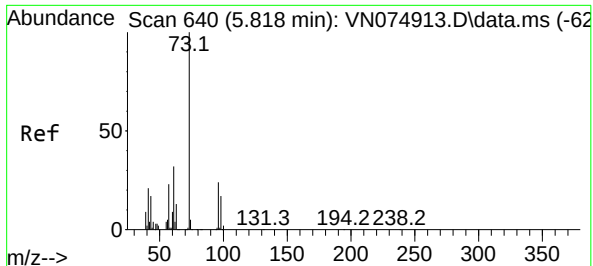
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#18
Methyl Acetate
Concen: 44.549 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion: 43 Resp: 676918
Ion Ratio Lower Upper
43 100
74 22.8 17.0 25.6





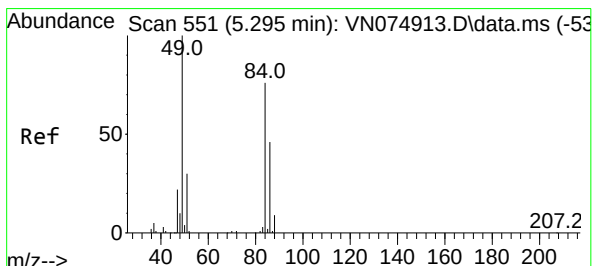
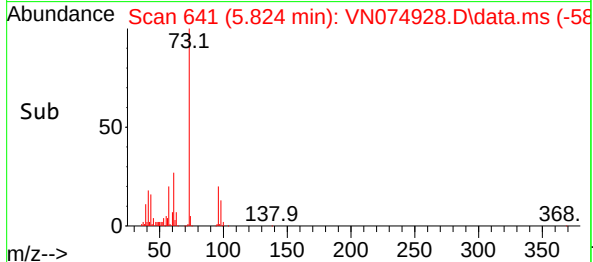
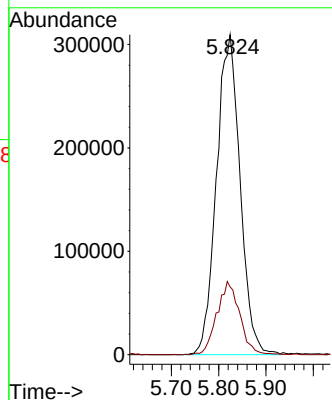
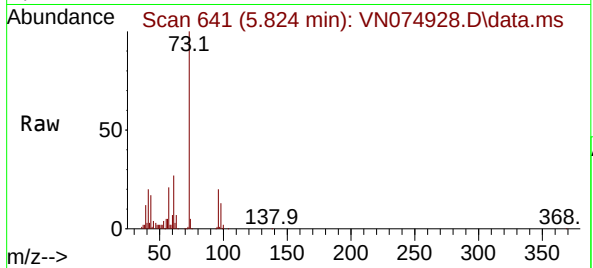
#19
Methyl tert-butyl Ether
Concen: 48.842 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 107098
Ion Ratio Lower Upper
73 100
57 21.2 18.4 27.6

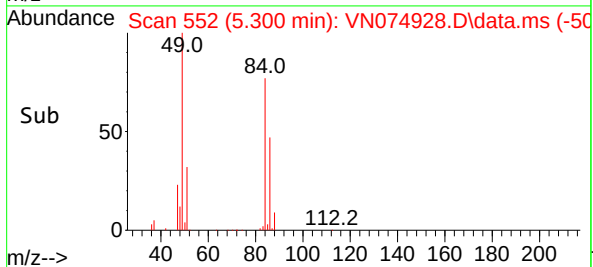
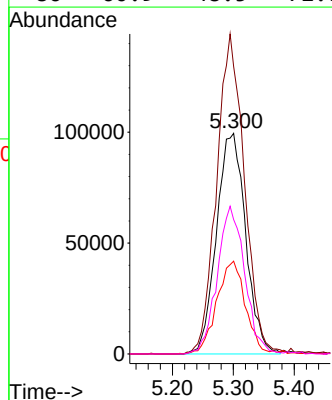
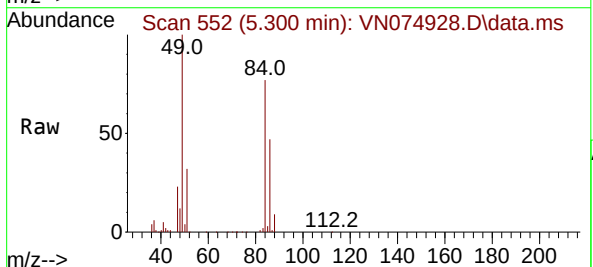
Manual Integrations
APPROVED

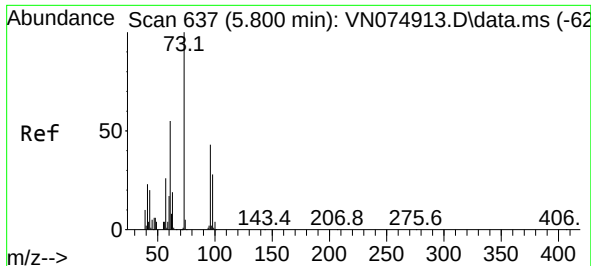
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 45.493 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

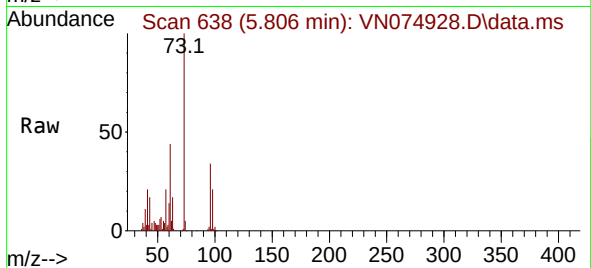
Tgt Ion: 84 Resp: 331191
Ion Ratio Lower Upper
84 100
49 130.3 104.6 156.8
51 41.7 31.8 47.8
86 60.9 48.5 72.7





#21
trans-1,2-Dichloroethene
Concen: 44.280 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

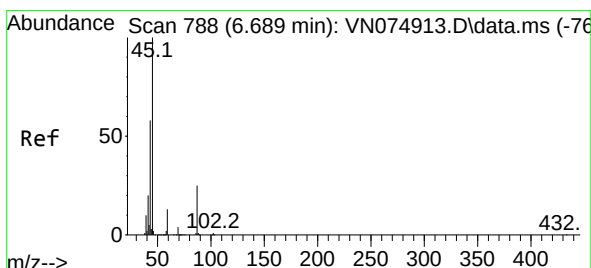
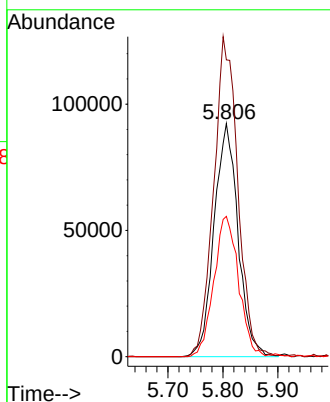
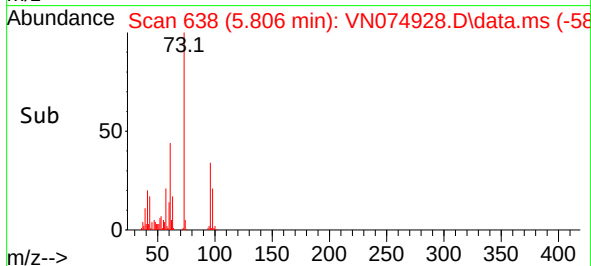
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 27955
Ion Ratio Lower Upper
96 100
61 127.3 104.3 156.5
98 60.2 51.9 77.9

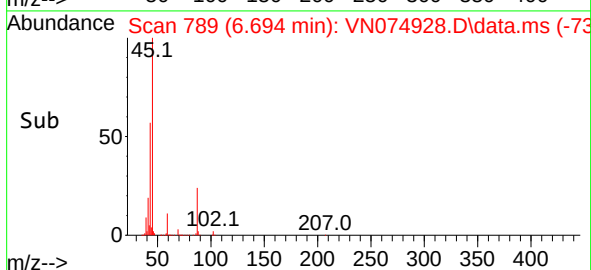
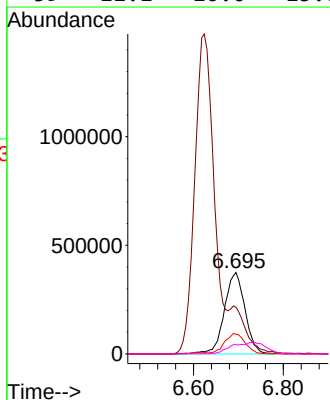
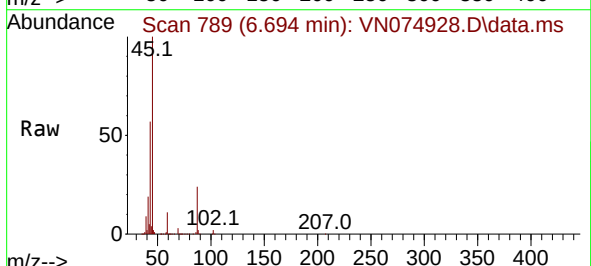
Manual Integrations
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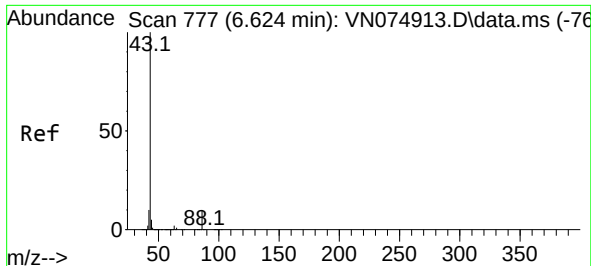
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 48.902 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

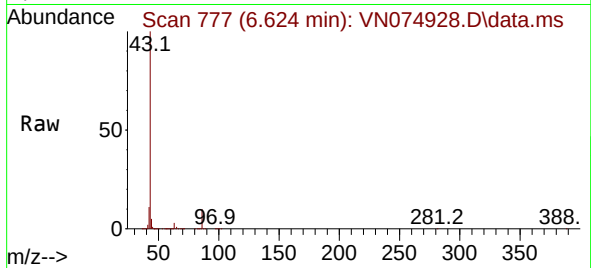
Tgt Ion: 45 Resp: 1203481
Ion Ratio Lower Upper
45 100
43 55.8 47.3 70.9
87 23.9 20.1 30.1
59 11.1 10.0 15.0





#23
 Vinyl Acetate
 Concen: 252.447 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074928.D
 Acq: 17 Oct 2022 20:33

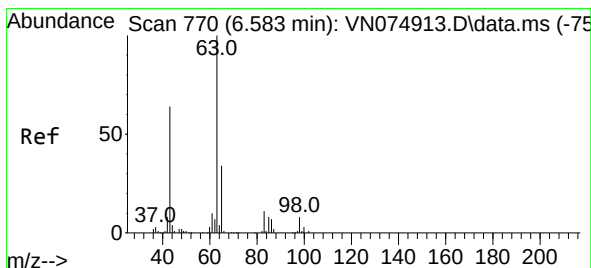
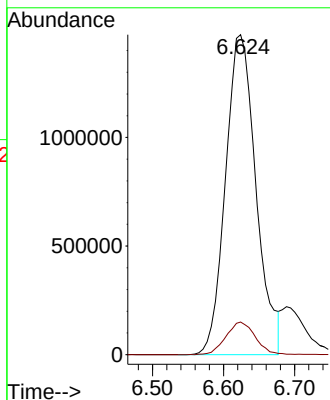
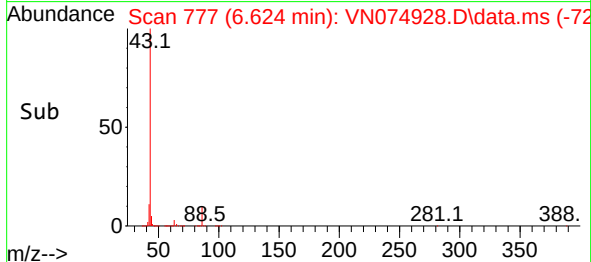
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 440676
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0

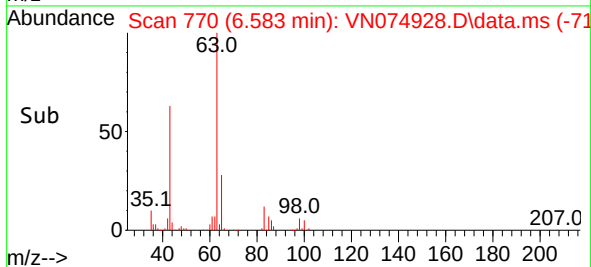
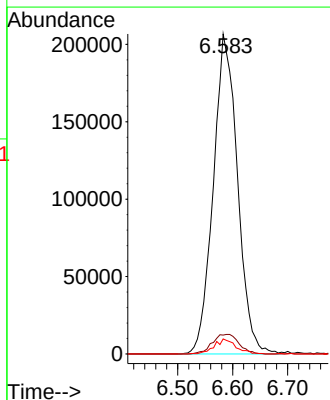
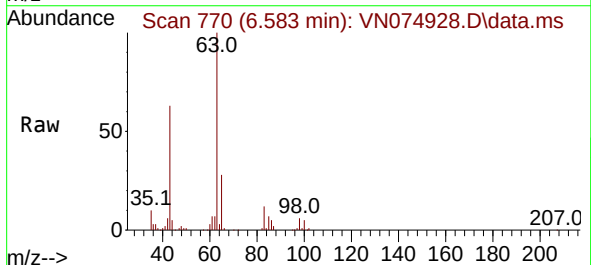
Manual Integrations
 APPROVED

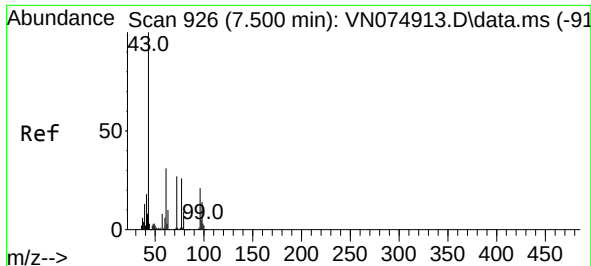
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 47.575 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074928.D
 Acq: 17 Oct 2022 20:33

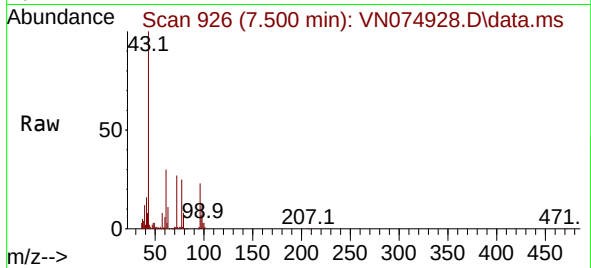
Tgt Ion: 63 Resp: 632365
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.5
 100 4.7 1.6 4.8





#25
2-Butanone
Concen: 230.373 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

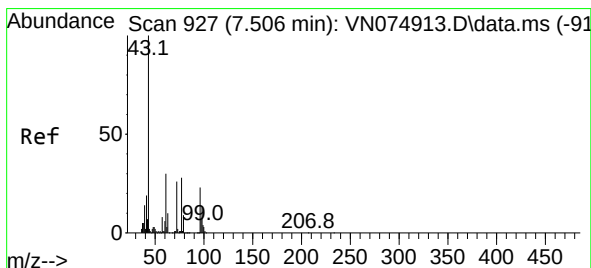
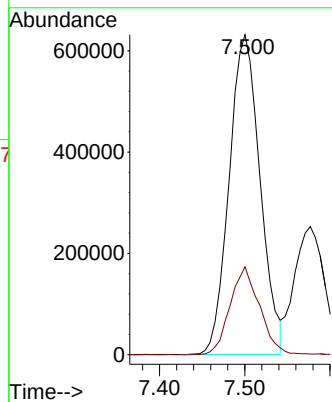
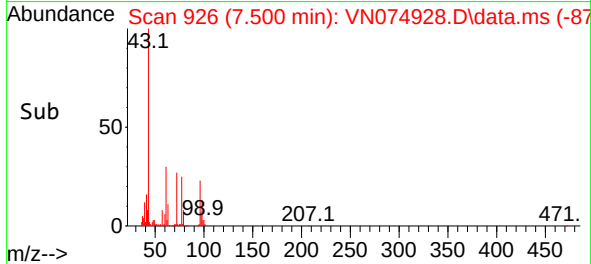
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 159383
Ion Ratio Lower Upper
43 100
72 27.5 21.3 31.9

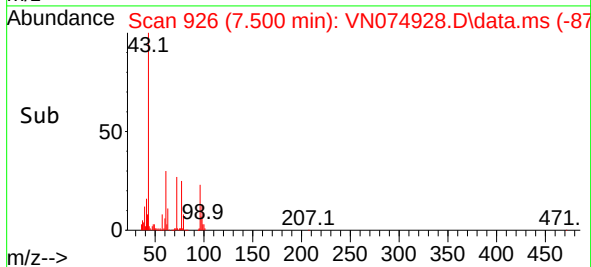
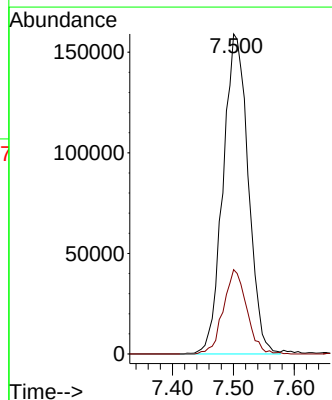
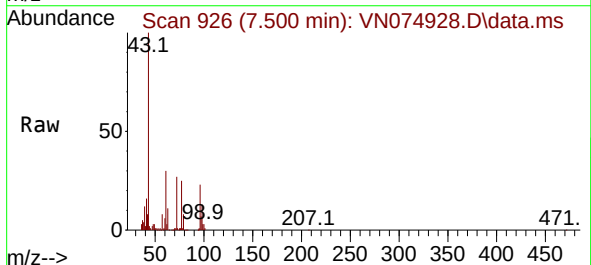
Manual Integrations
APPROVED

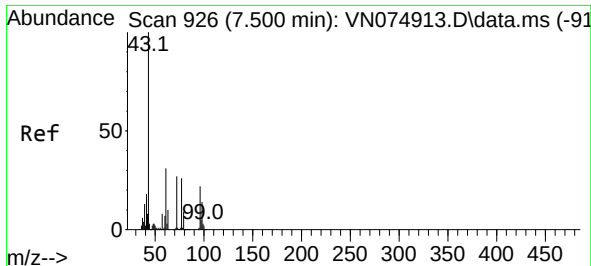
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 42.027 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

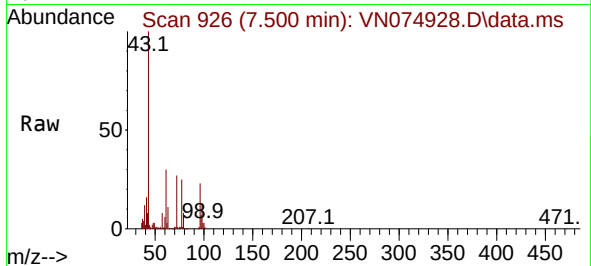
Tgt Ion: 77 Resp: 456819
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.874 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074928.D
 Acq: 17 Oct 2022 20:33

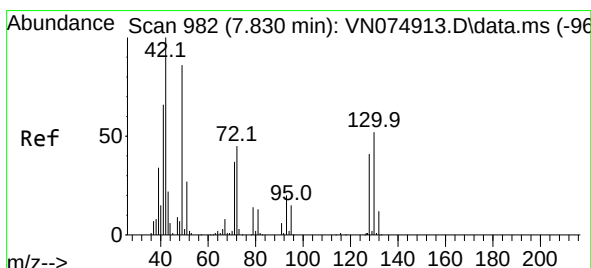
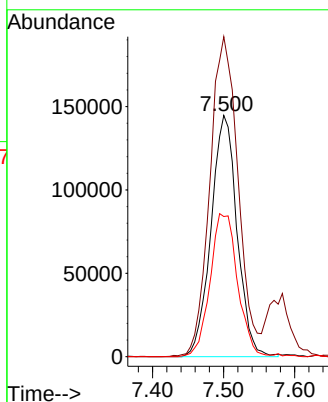
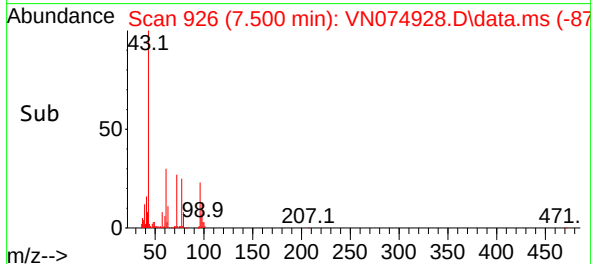
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 36913
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 288.6
 98 62.3 0.0 128.0

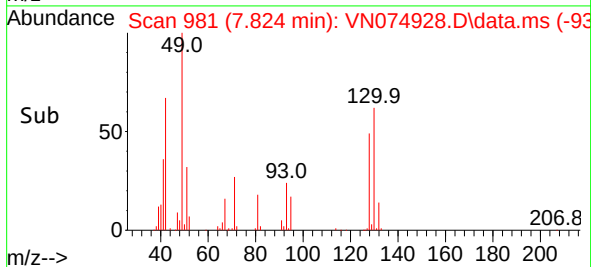
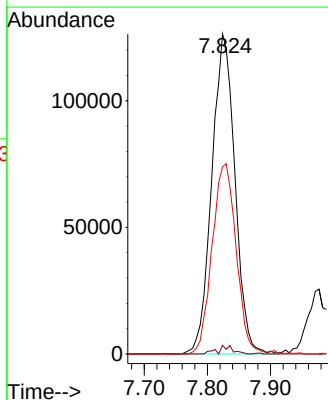
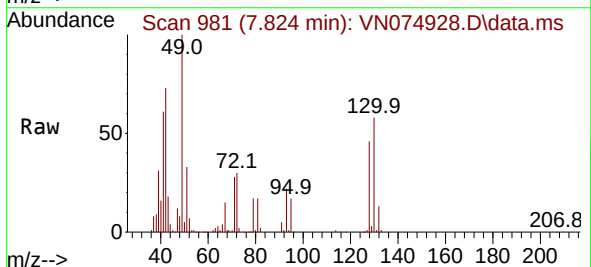
Manual Integrations
 APPROVED

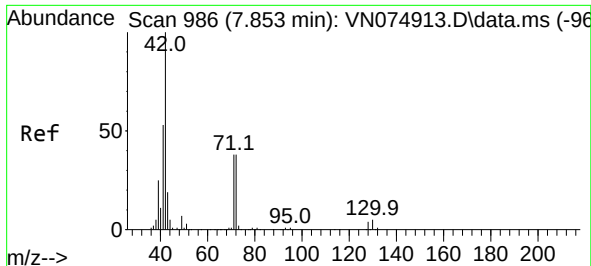
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#28
 Bromochloromethane
 Concen: 49.599 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.006 min
 Lab File: VN074928.D
 Acq: 17 Oct 2022 20:33

Tgt Ion: 49 Resp: 321414
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 61.7 48.8 73.2





#29

Tetrahydrofuran

Concen: 236.348 ug/l

RT: 7.847 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 111343

Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

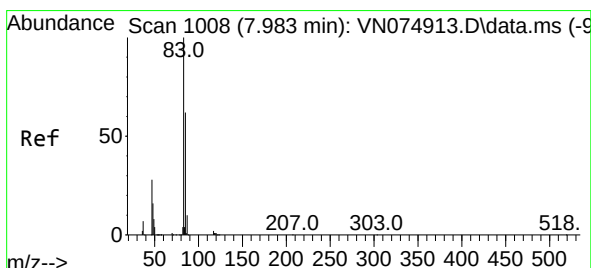
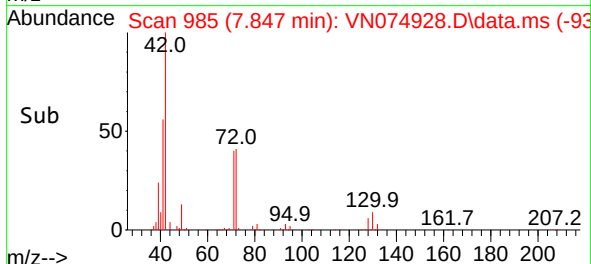
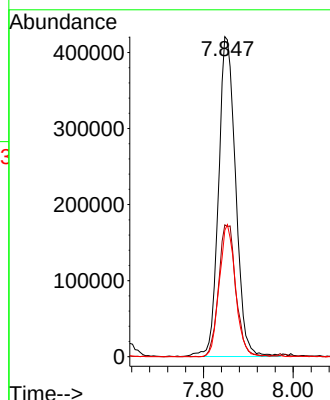
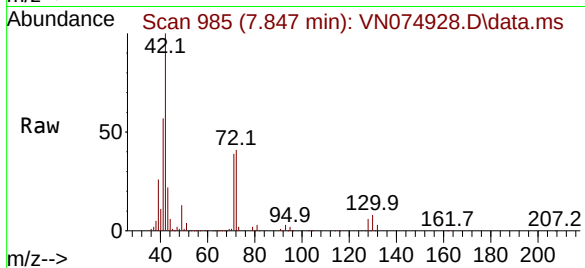
71 39.2 30.7 46.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 47.935 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. -0.006 min

Lab File: VN074928.D

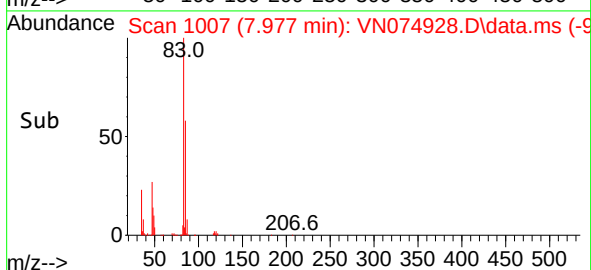
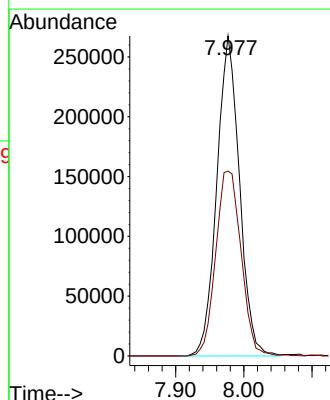
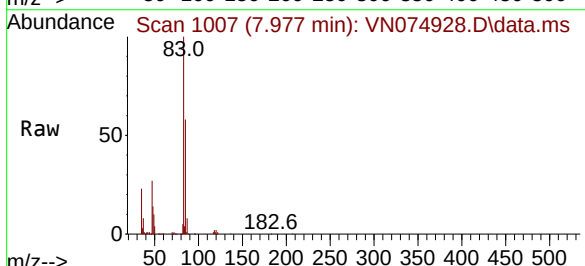
Acq: 17 Oct 2022 20:33

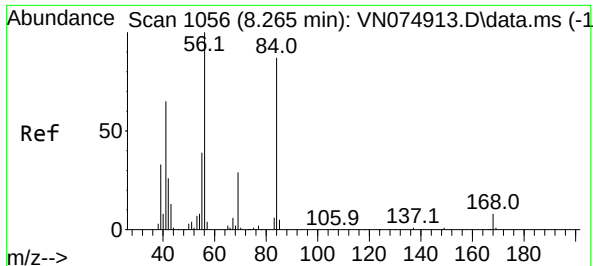
Tgt Ion: 83 Resp: 619545

Ion Ratio Lower Upper

83 100

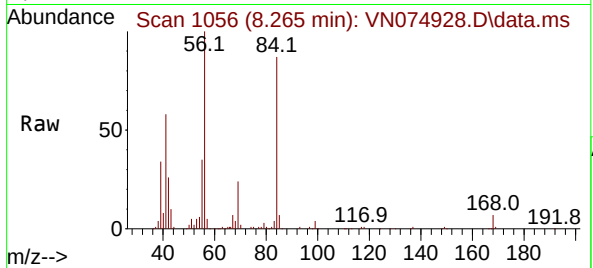
85 57.8 49.4 74.0





#31
Cyclohexane
Concen: 46.403 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

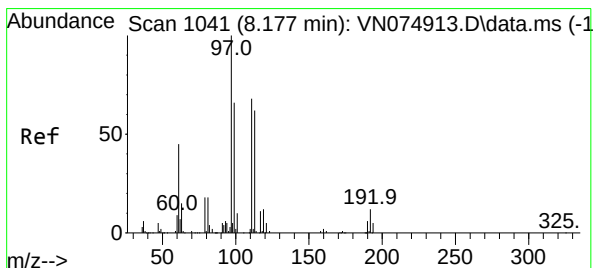
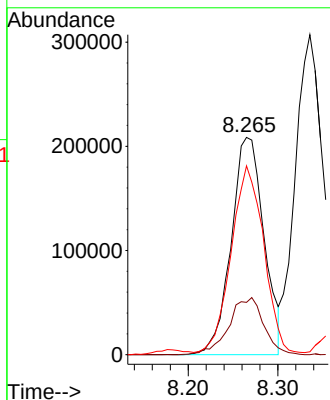
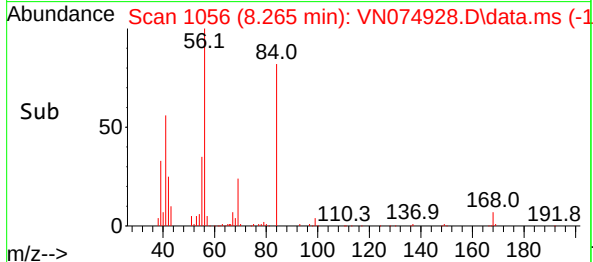
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



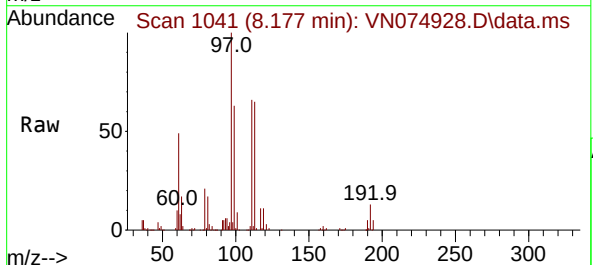
Tgt Ion: 56 Resp: 530379
Ion Ratio Lower Upper
56 100
69 24.1 23.4 35.0
84 84.9 69.9 104.9

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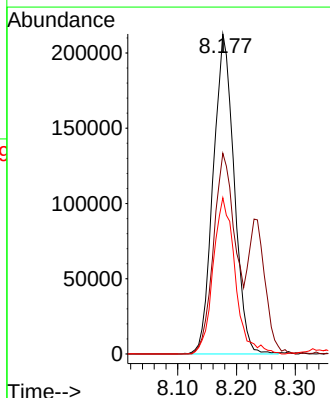
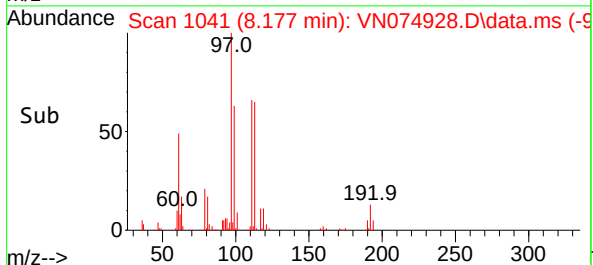
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

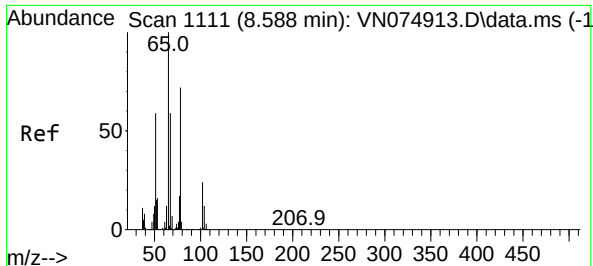


#32
1,1,1-Trichloroethane
Concen: 48.109 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



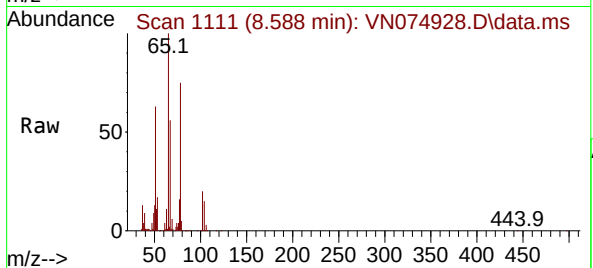
Tgt Ion: 97 Resp: 526469
Ion Ratio Lower Upper
97 100
99 65.4 53.2 79.8
61 51.2 39.8 59.8





#33
1,2-Dichloroethane-d4
Concen: 47.154 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

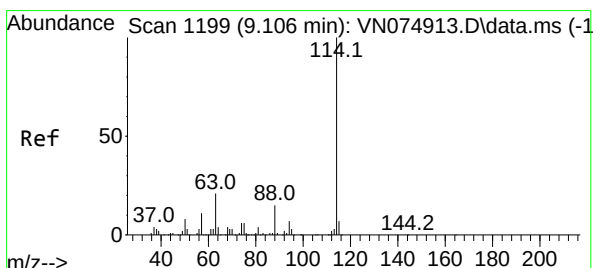
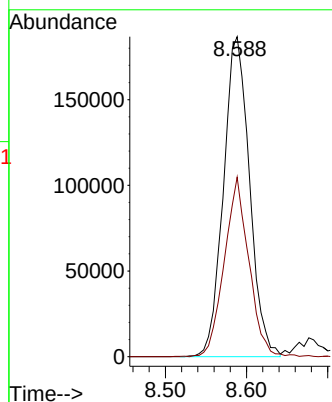
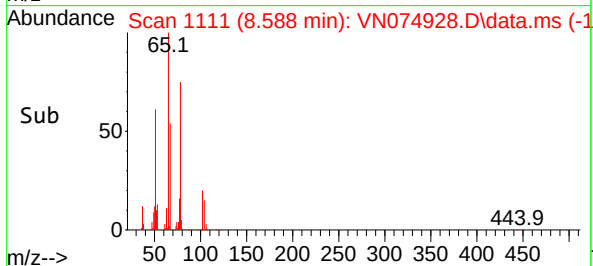
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 416708
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.2

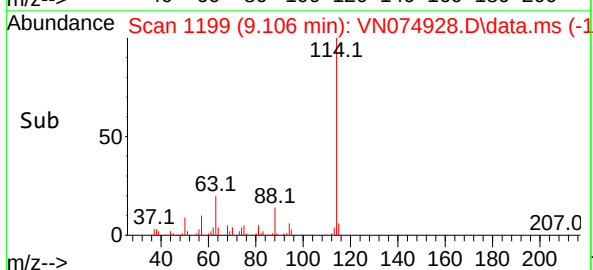
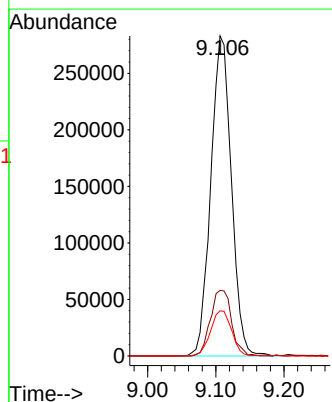
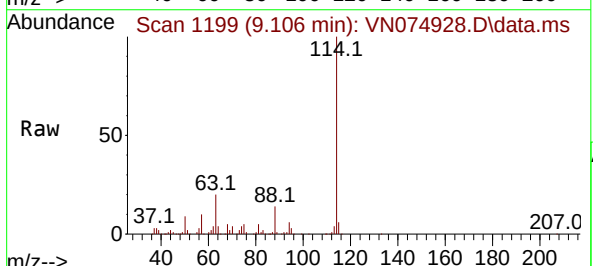
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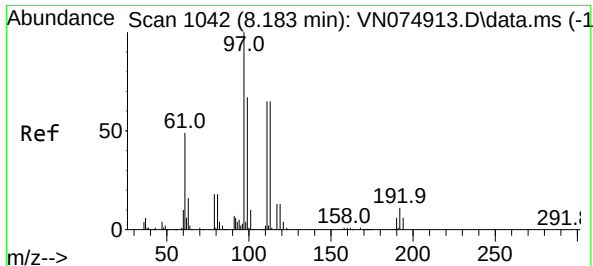
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion:114 Resp: 594632
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.2
88 14.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.081 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 328130

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

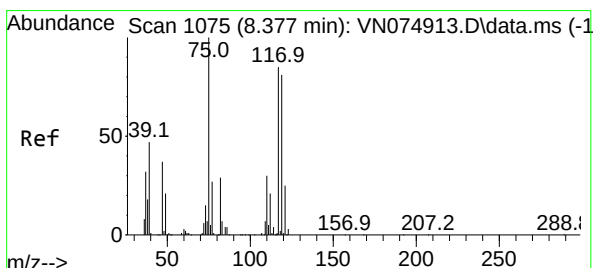
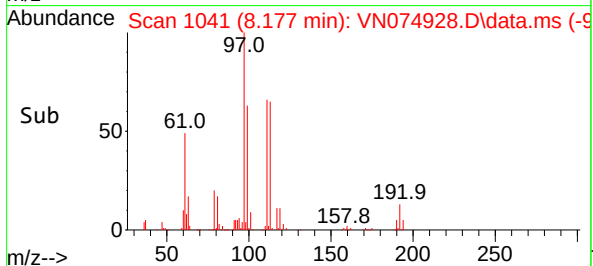
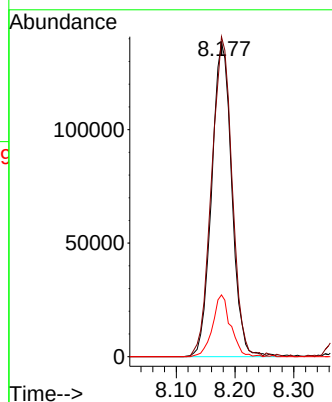
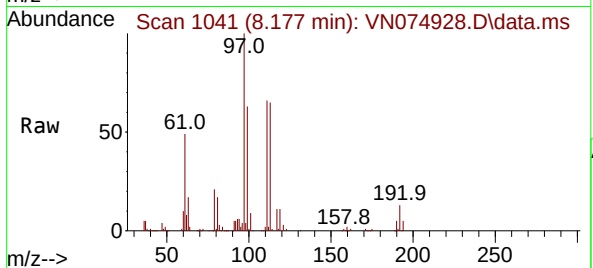
192 17.7 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 49.648 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

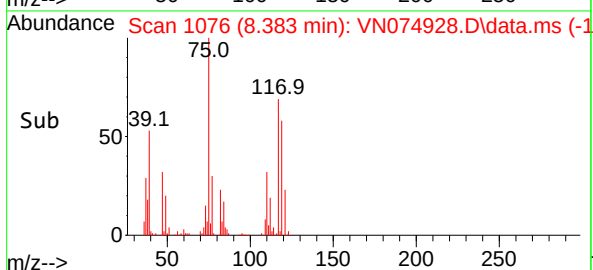
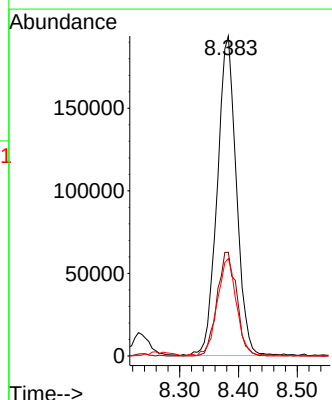
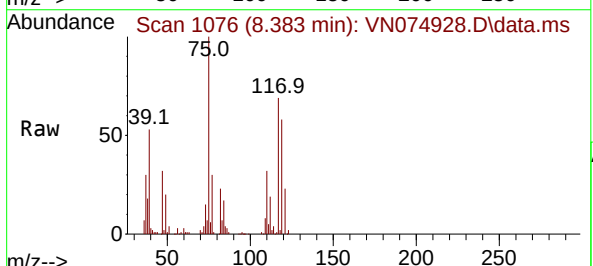
Tgt Ion: 75 Resp: 435853

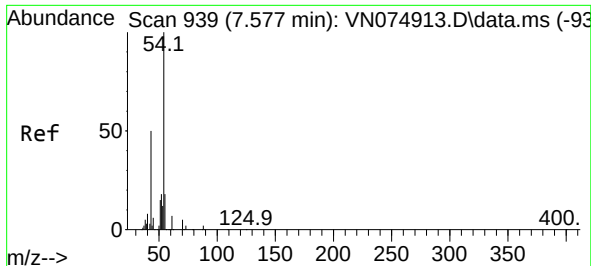
Ion Ratio Lower Upper

75 100

110 33.3 16.1 48.3

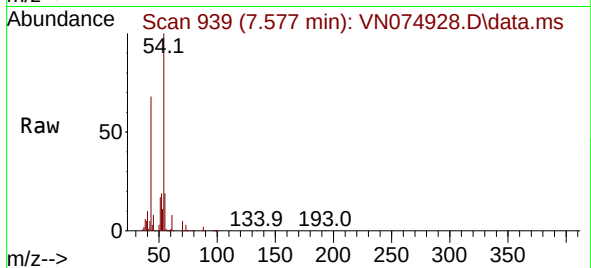
77 31.1 23.3 34.9





#37
Ethyl Acetate
Concen: 50.652 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

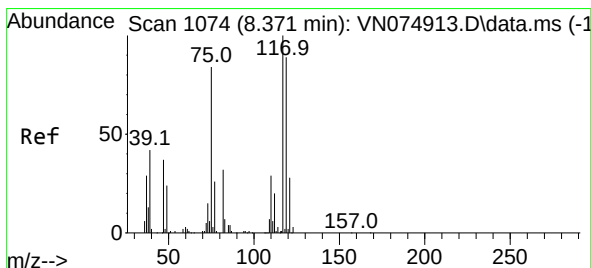
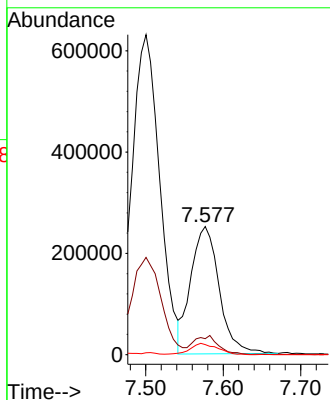
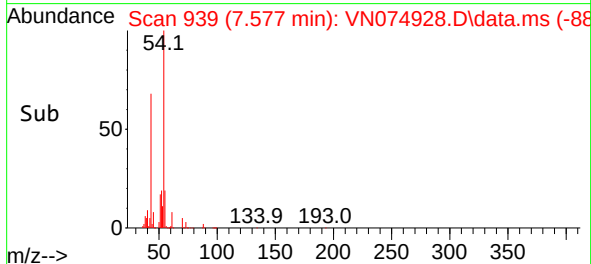
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64240
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 8.5 6.8 10.2

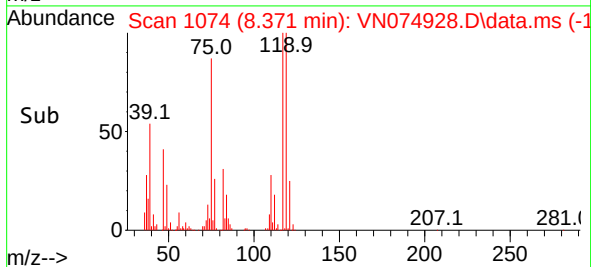
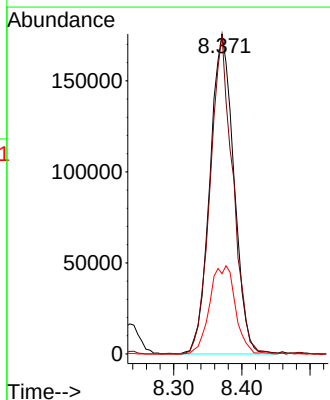
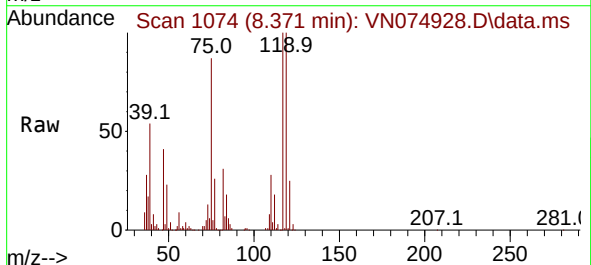
Manual Integrations
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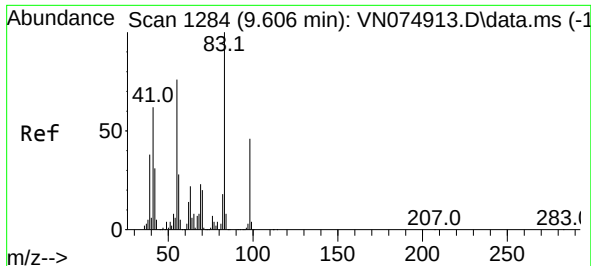
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#38
Carbon Tetrachloride
Concen: 48.365 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion:117 Resp: 429759
Ion Ratio Lower Upper
117 100
119 99.8 71.0 106.6
121 25.1 22.2 33.4





#39

Methylcyclohexane

Concen: 49.210 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074928.D

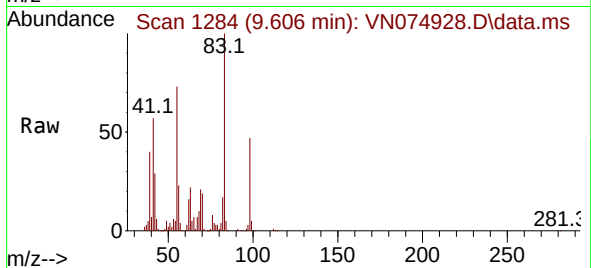
Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



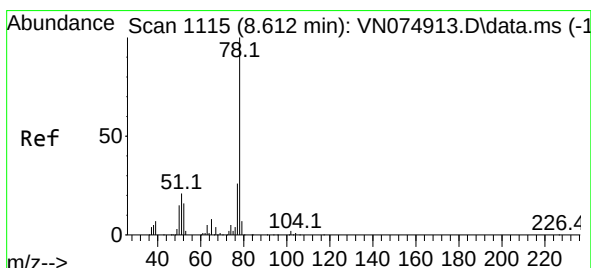
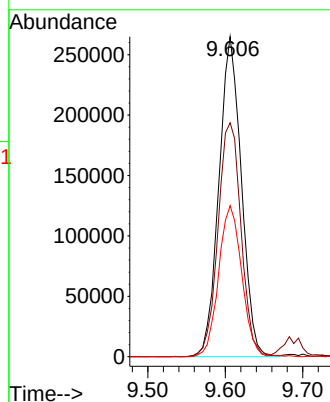
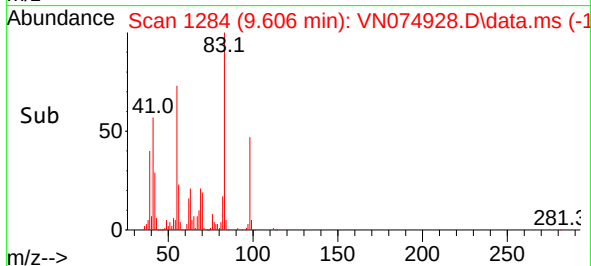
Tgt Ion:	83	Resp:	532389
Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.2	91.8
98	47.2	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 49.690 ug/l

RT: 8.618 min Scan# 1116

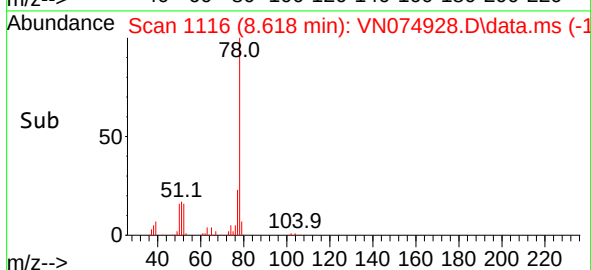
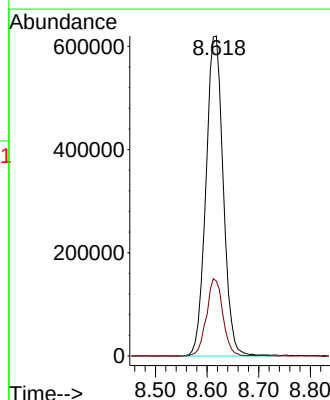
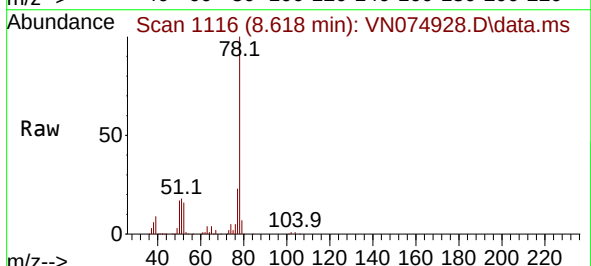
Delta R.T. 0.006 min

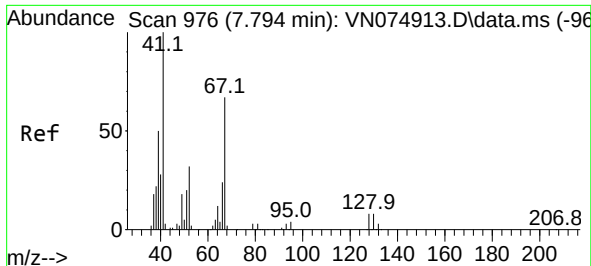
Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Tgt Ion: 78 Resp: 1440668

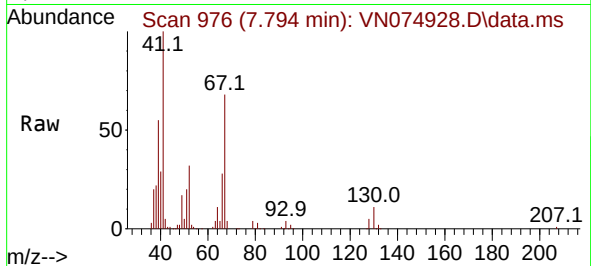
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.5	30.7





#41
Methacrylonitrile
Concen: 46.277 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

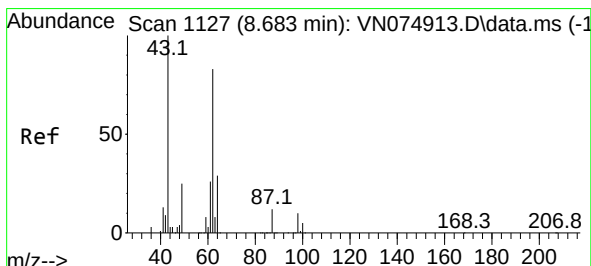
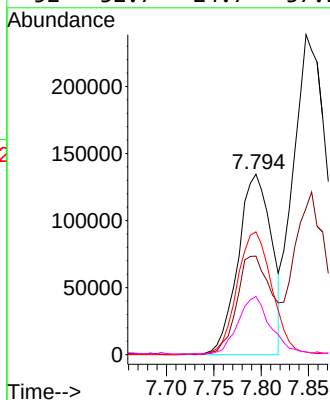
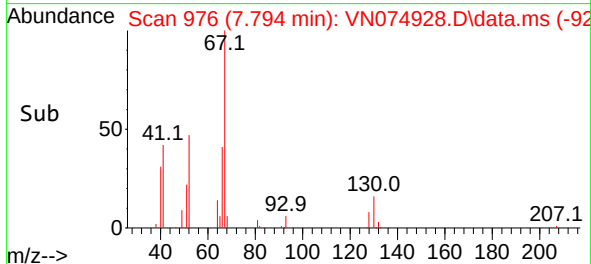
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



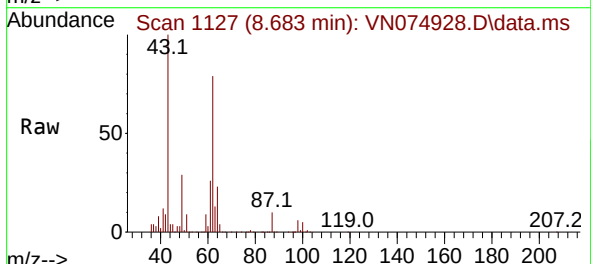
Tgt Ion: 41 Resp: 33008
Ion Ratio Lower Upper
41 100
39 55.8 43.2 64.8
67 71.4 57.9 86.9
52 32.7 24.7 37.1

Manual Integrations
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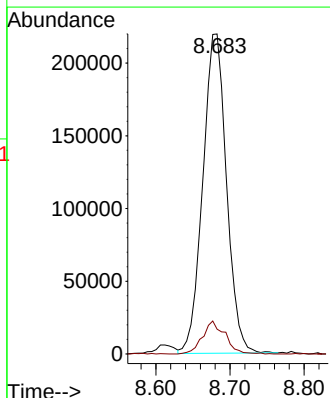
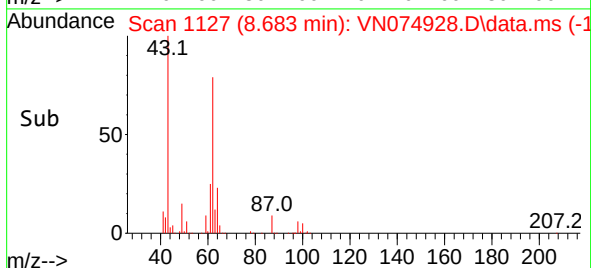
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

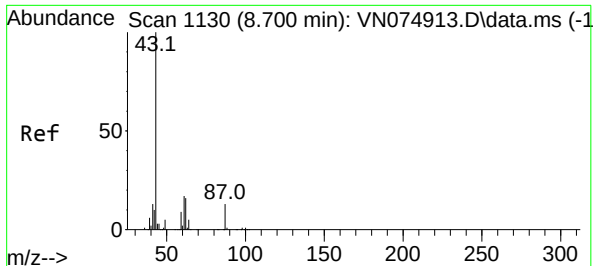


#42
1,2-Dichloroethane
Concen: 48.665 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



Tgt Ion: 62 Resp: 488249
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.0





#43

Isopropyl Acetate

Concen: 49.005 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 102940

Ion Ratio Lower Upper

43 100

61 23.0 19.0 28.6

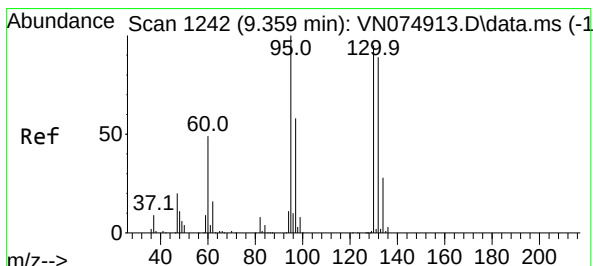
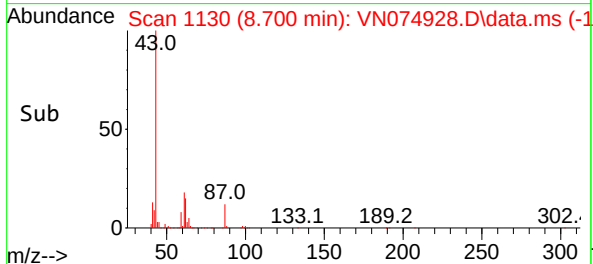
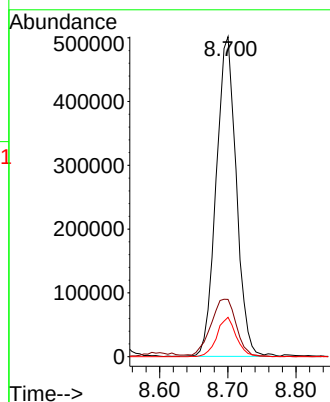
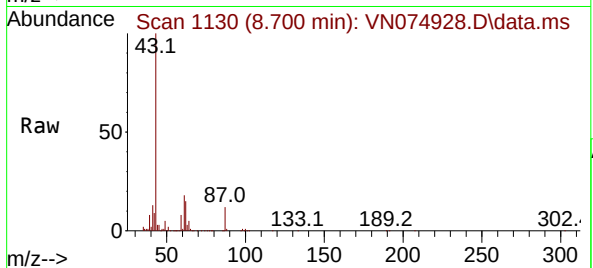
87 12.0 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#44

Trichloroethene

Concen: 47.956 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN074928.D

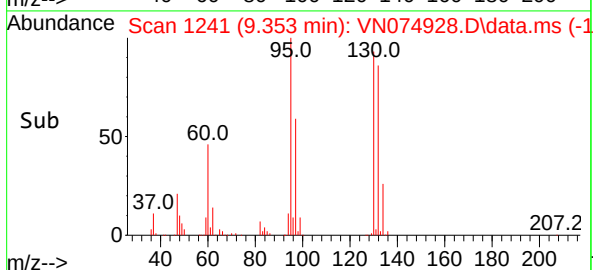
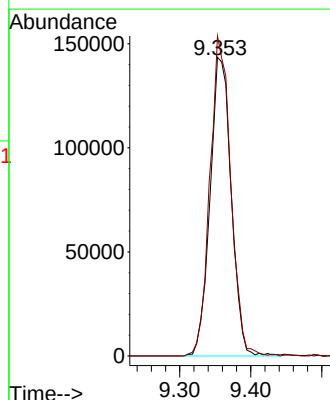
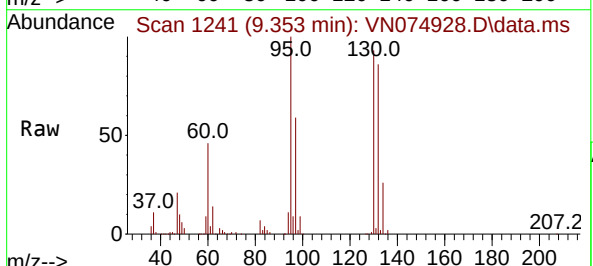
Acq: 17 Oct 2022 20:33

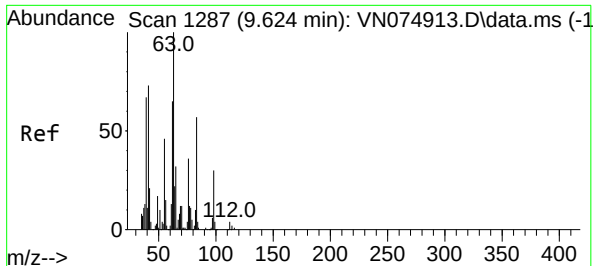
Tgt Ion:130 Resp: 297015

Ion Ratio Lower Upper

130 100

95 107.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.701 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 39108

Ion Ratio Lower Upper

63 100

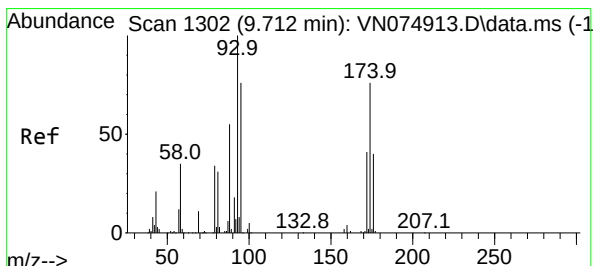
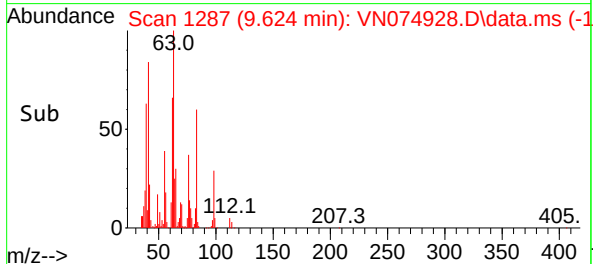
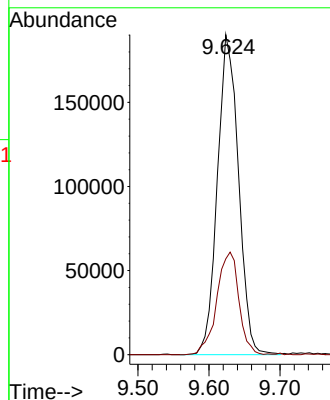
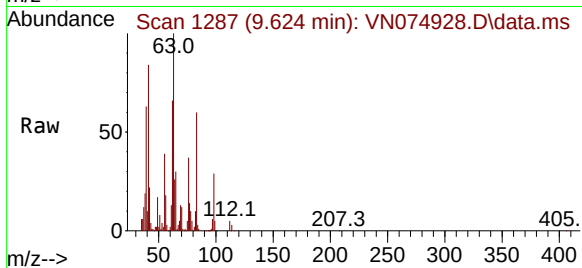
65 30.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 49.635 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

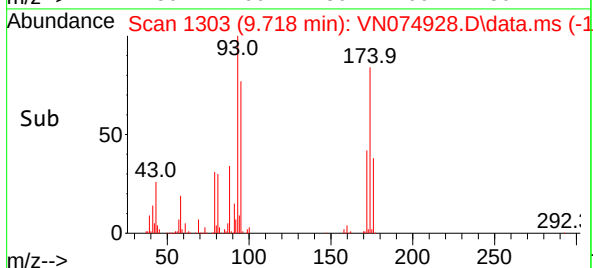
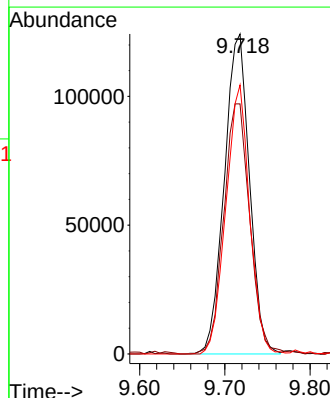
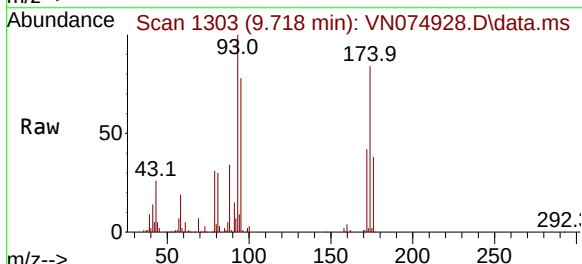
Tgt Ion: 93 Resp: 255211

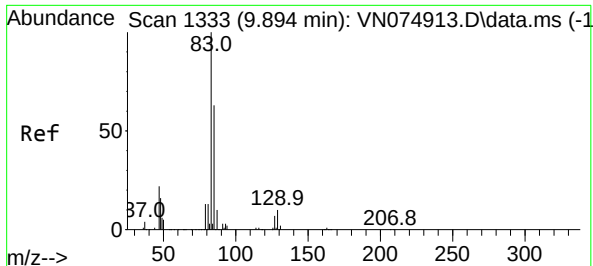
Ion Ratio Lower Upper

93 100

95 81.3 66.0 99.0

174 79.3 65.1 97.7





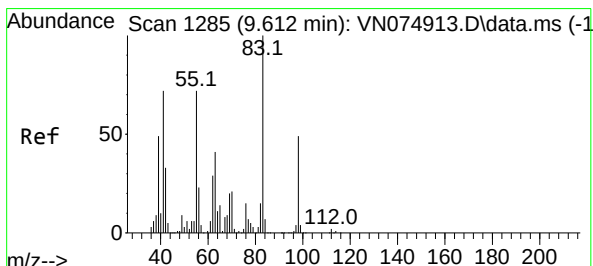
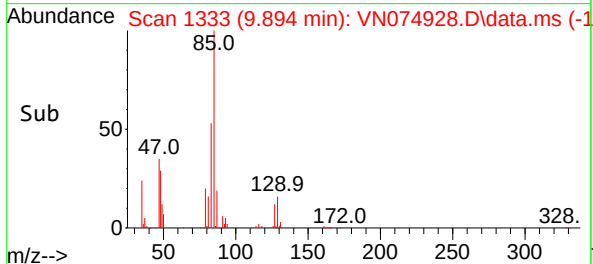
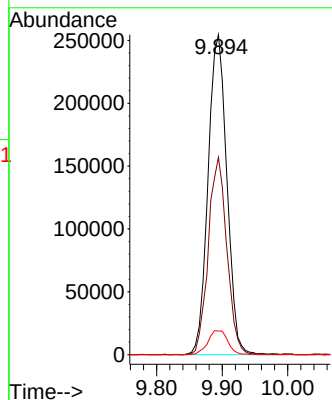
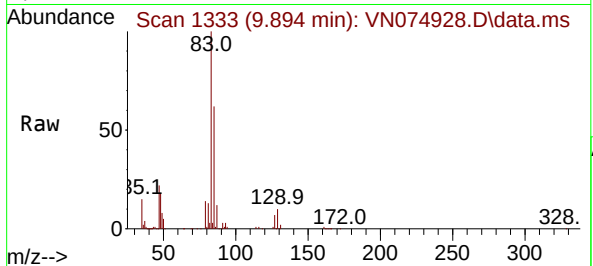
#47
Bromodichloromethane
Concen: 52.707 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 50733
Ion Ratio Lower Upper
83 100
85 61.7 50.2 75.2
127 7.4 5.8 8.6

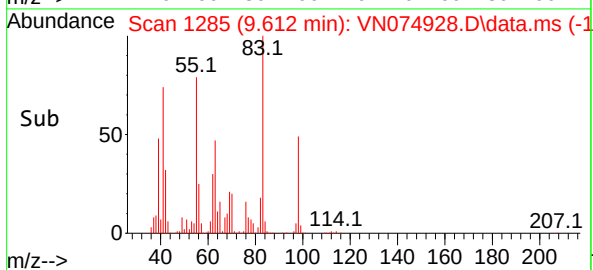
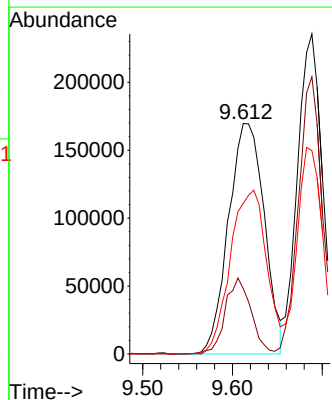
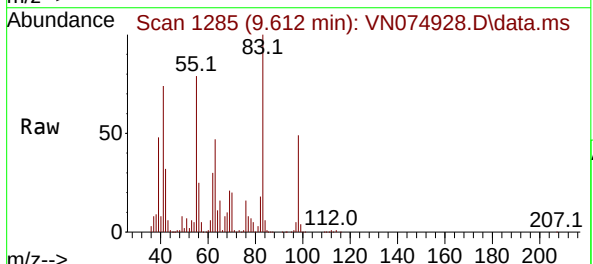
Manual Integrations
APPROVED

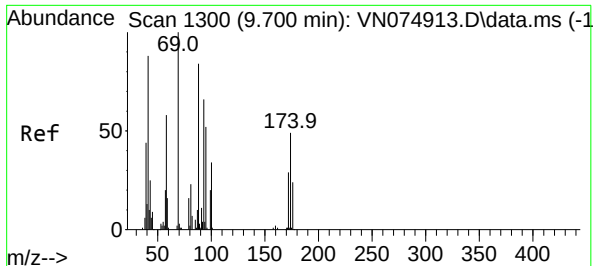
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#48
Methyl methacrylate
Concen: 48.940 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion: 41 Resp: 471195
Ion Ratio Lower Upper
41 100
69 23.6 19.5 29.3
39 71.7 58.3 87.5





#49

1,4-Dioxane

Concen: 1047.230 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074928.D

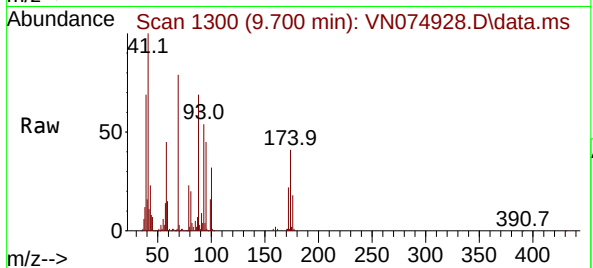
Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



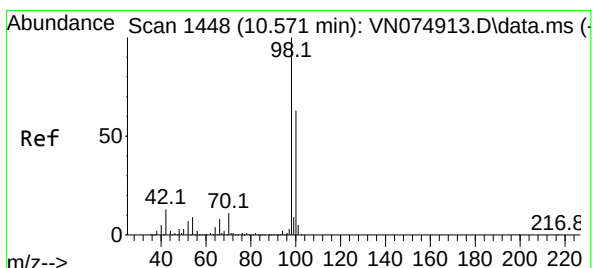
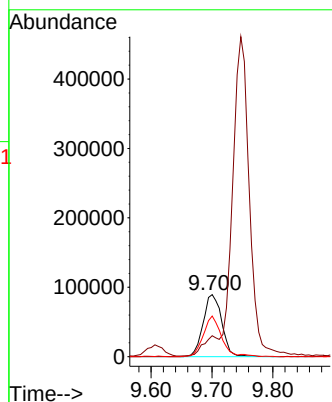
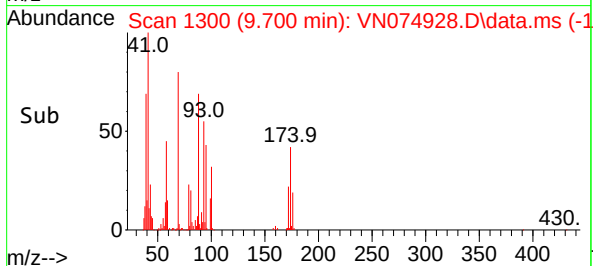
Tgt Ion:	88	Resp:	19010
Ion Ratio	Lower	Upper	
88	100		
43	27.7	19.4	29.2
58	63.9	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 50.396 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074928.D

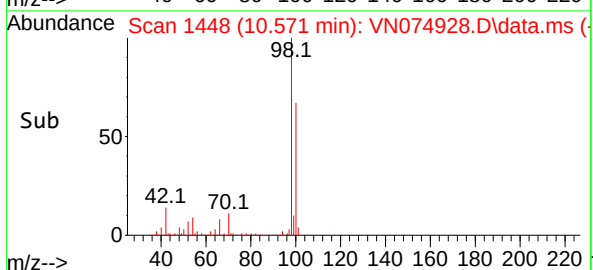
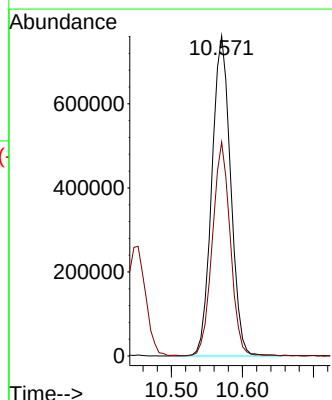
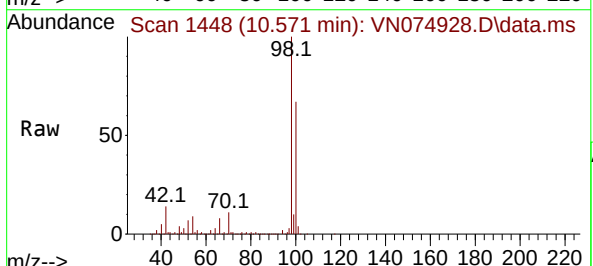
Acq: 17 Oct 2022 20:33

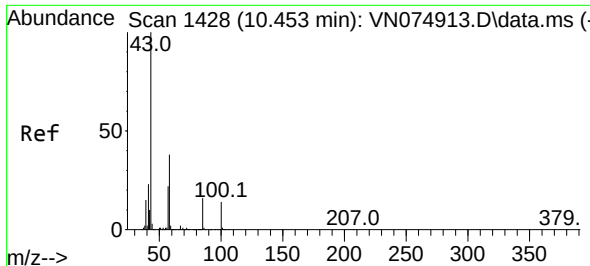
Tgt Ion: 98 Resp: 1397151

Ion Ratio Lower Upper

98 100

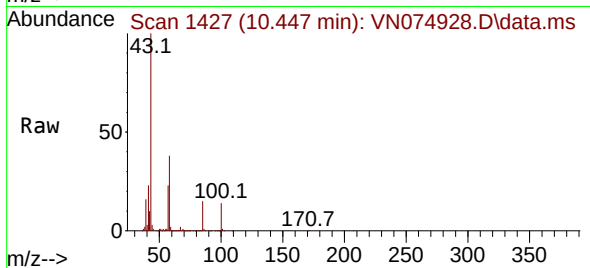
100 63.4 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 254.535 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

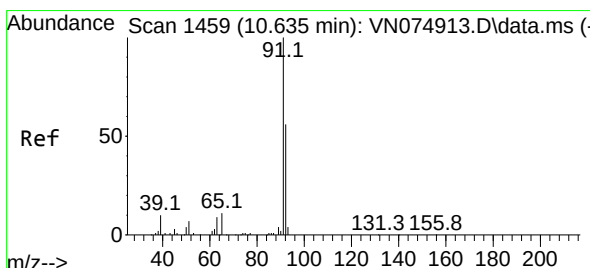
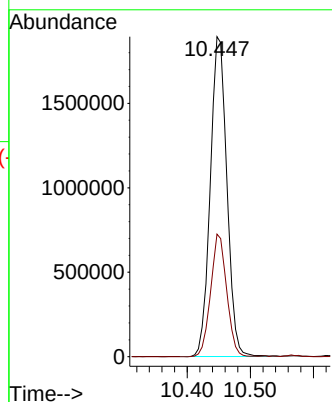
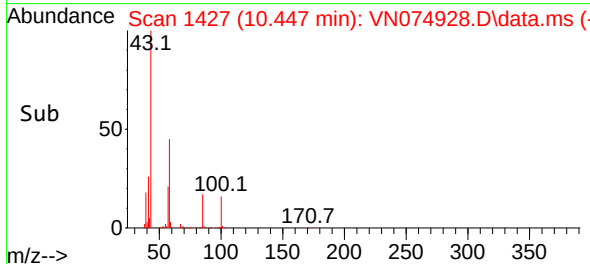
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3462949
Ion Ratio Lower Upper
43 100
58 37.0 30.0 45.0

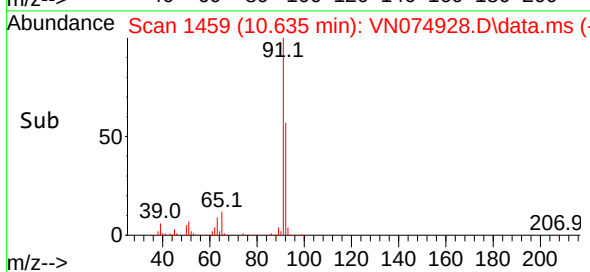
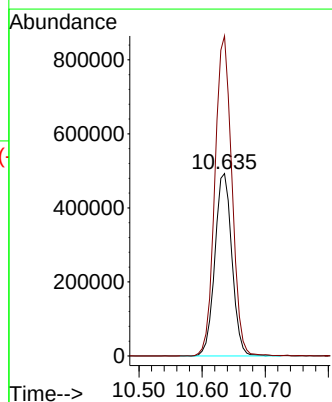
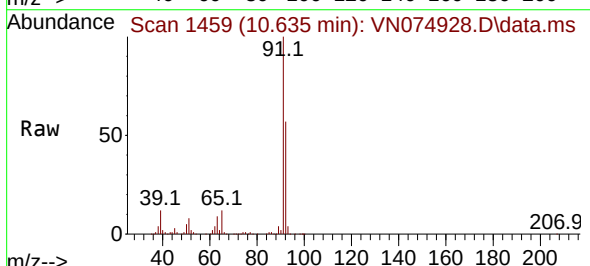
Manual Integrations
APPROVED

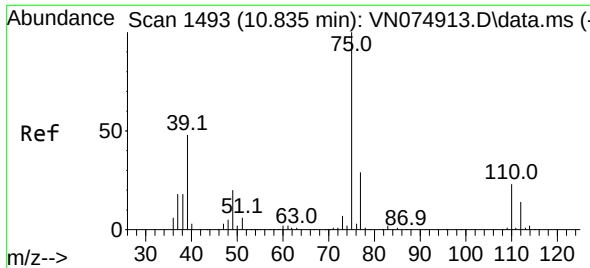
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 51.935 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

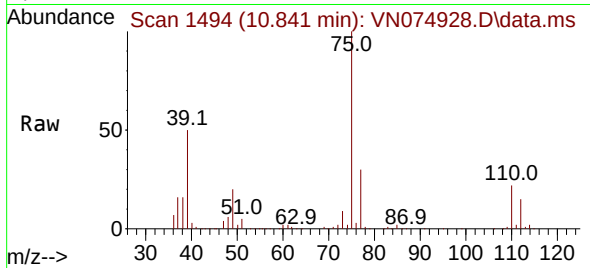
Tgt Ion: 92 Resp: 922224
Ion Ratio Lower Upper
92 100
91 175.1 141.0 211.6





#53
t-1,3-Dichloropropene
Concen: 53.044 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

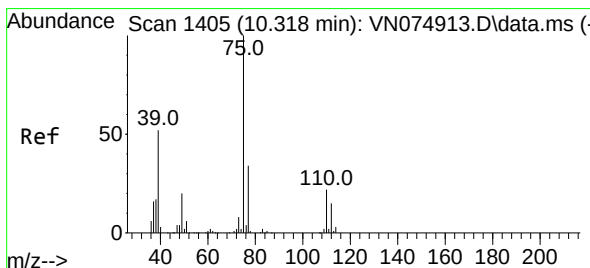
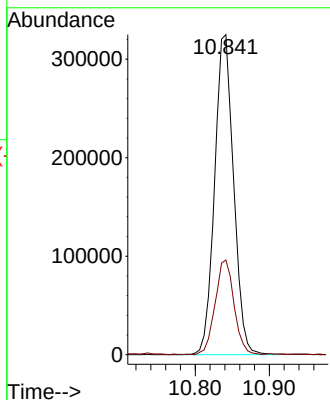
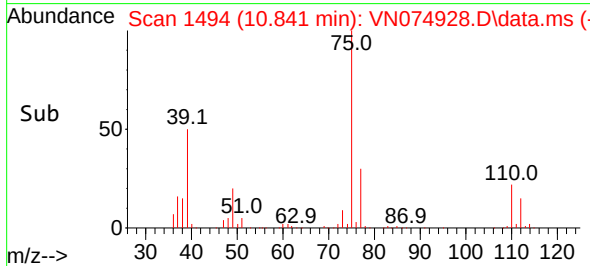
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 577628
Ion Ratio Lower Upper
75 100
77 29.5 23.4 35.0

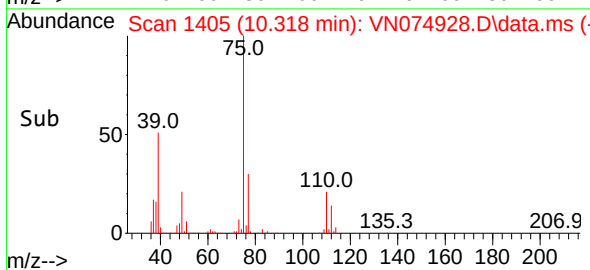
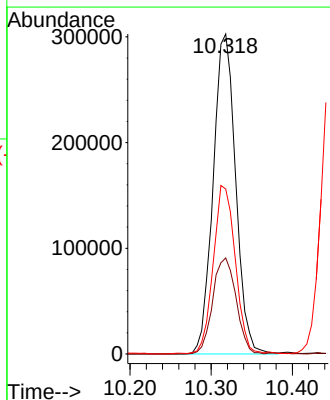
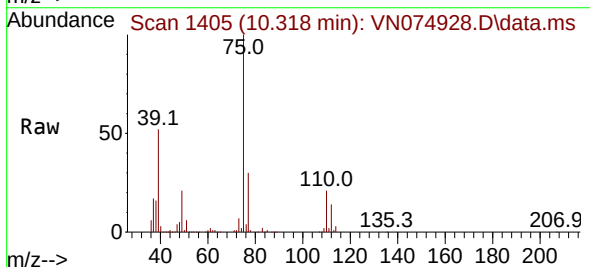
Manual Integrations
APPROVED

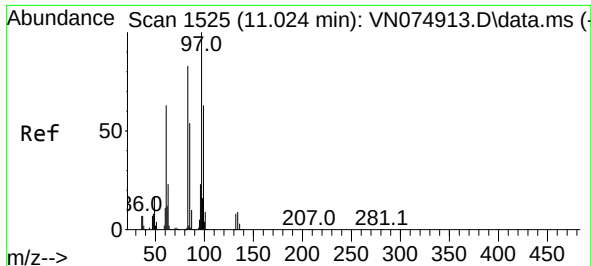
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#54
cis-1,3-Dichloropropene
Concen: 49.608 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

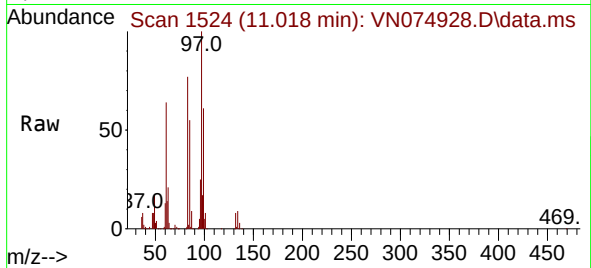
Tgt Ion: 75 Resp: 583562
Ion Ratio Lower Upper
75 100
77 30.0 27.6 41.4
39 51.4 41.6 62.4





#55
1,1,2-Trichloroethane
Concen: 50.243 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

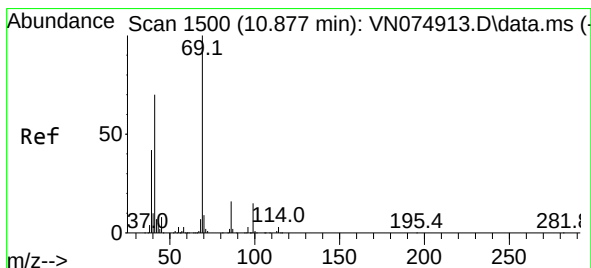
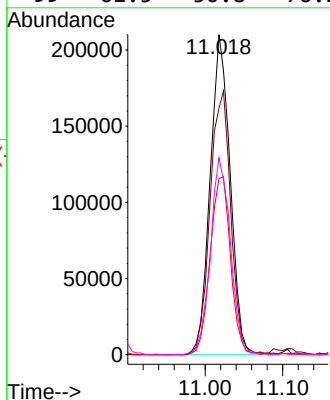
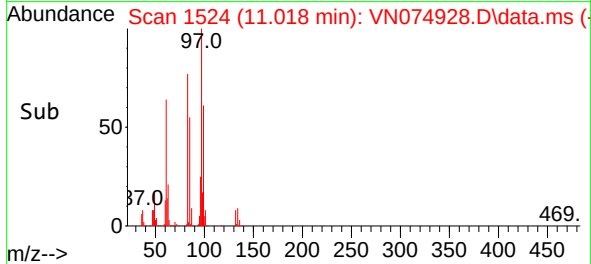
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 376420
Ion Ratio Lower Upper
97 100
83 77.0 66.6 100.0
85 55.0 43.0 64.4
99 61.5 50.8 76.2

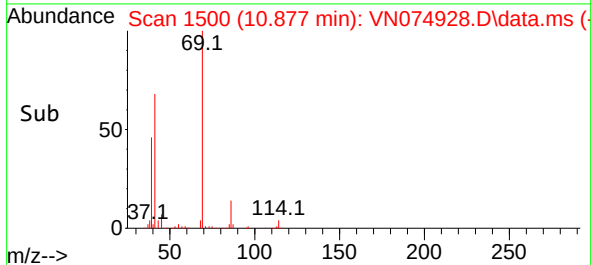
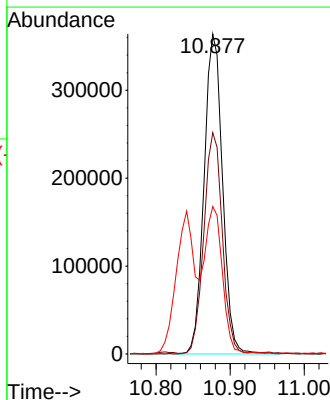
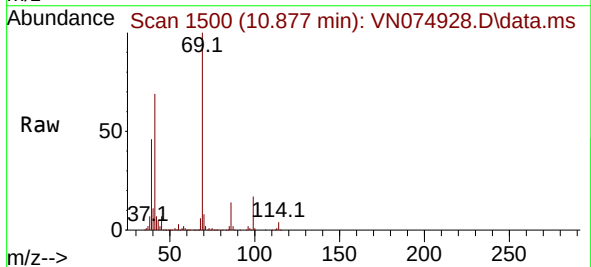
Manual Integrations
APPROVED

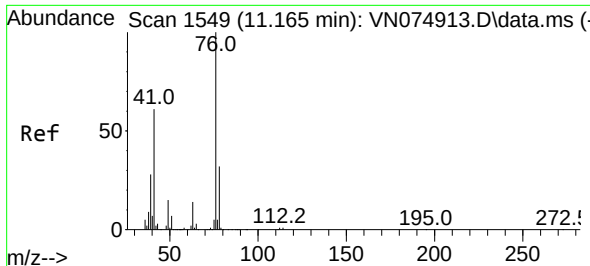
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#56
Ethyl methacrylate
Concen: 52.325 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion: 69 Resp: 628048
Ion Ratio Lower Upper
69 100
41 68.7 55.9 83.9
39 43.2 35.2 52.8





#57

1,3-Dichloropropane

Concen: 50.182 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 66735

Ion Ratio Lower Upper

76 100

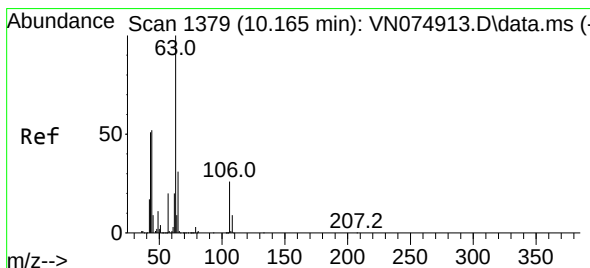
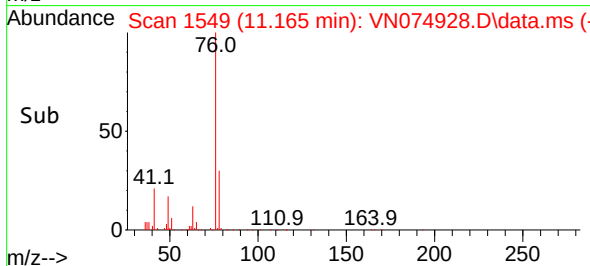
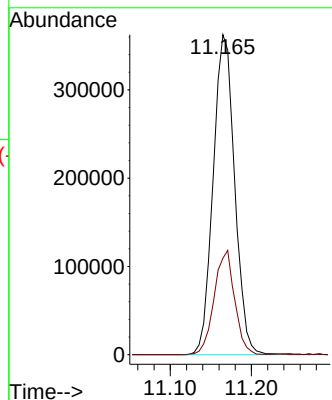
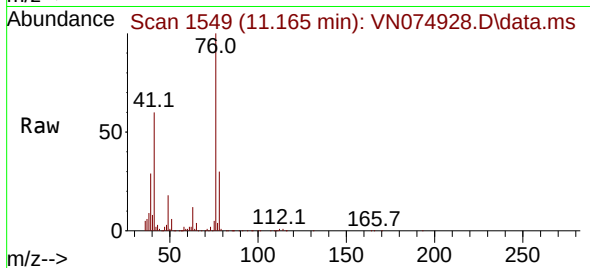
78 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 224.264 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074928.D

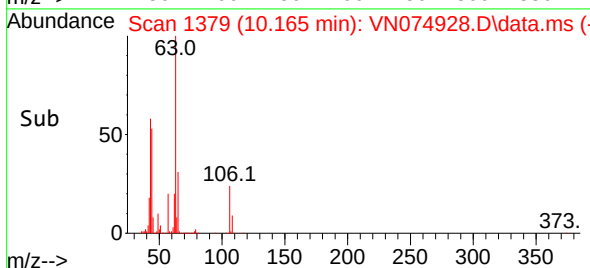
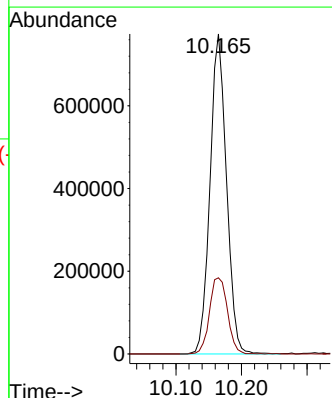
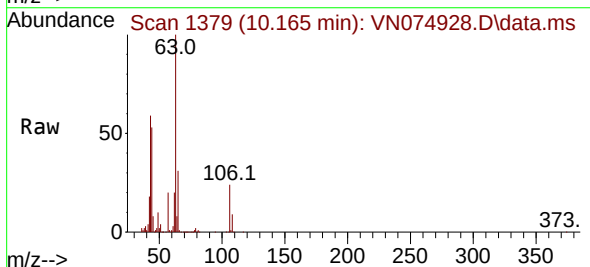
Acq: 17 Oct 2022 20:33

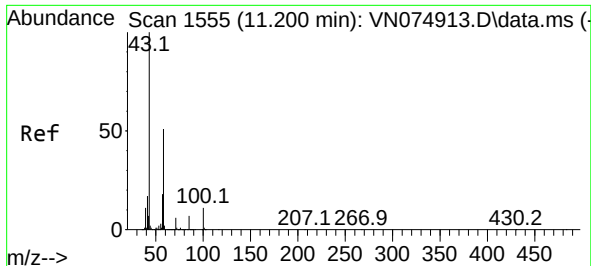
Tgt Ion: 63 Resp: 1349923

Ion Ratio Lower Upper

63 100

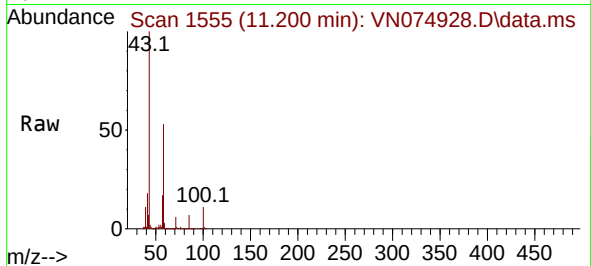
106 25.9 20.8 31.2





#59
2-Hexanone
Concen: 250.958 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

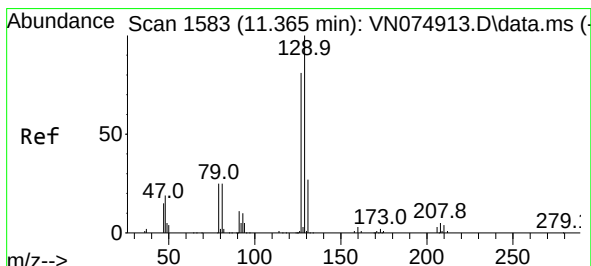
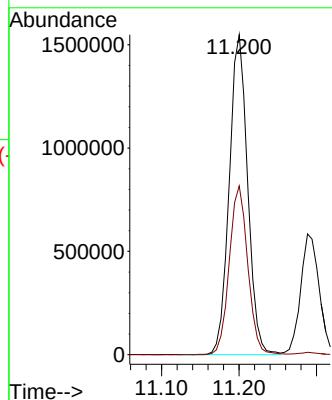
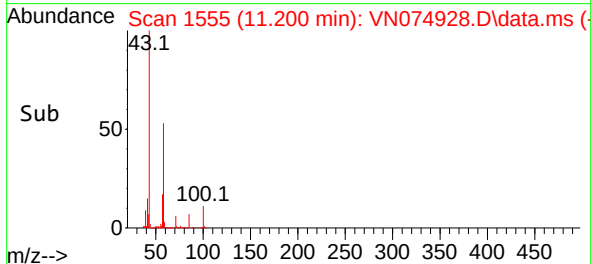
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



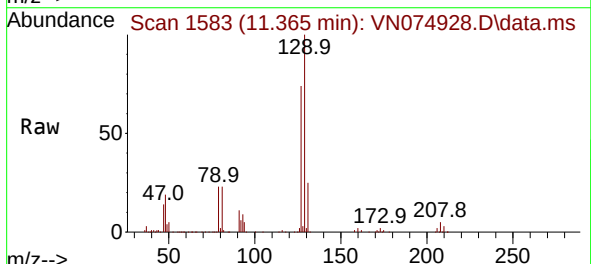
Tgt Ion: 43 Resp: 2557994
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9

Manual Integrations
APPROVED

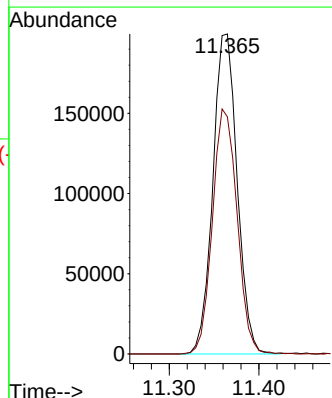
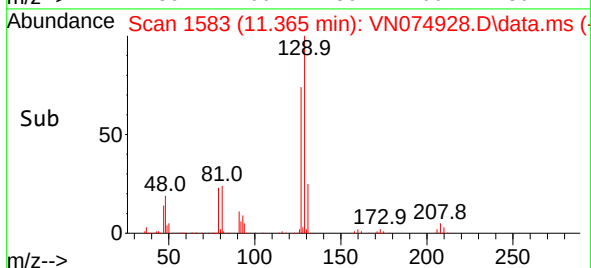
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

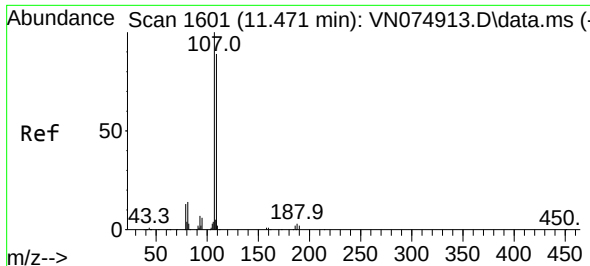


#60
Dibromochloromethane
Concen: 52.944 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



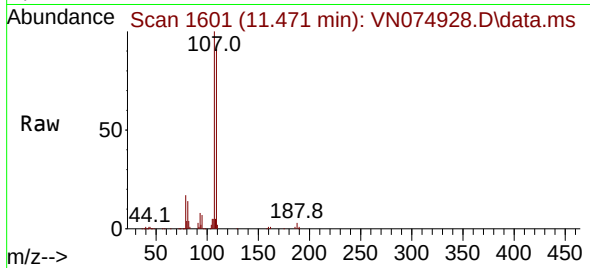
Tgt Ion:129 Resp: 375389
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 50.844 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

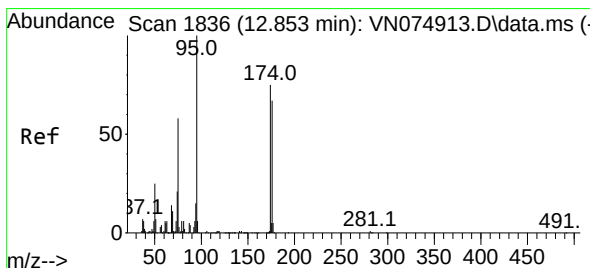
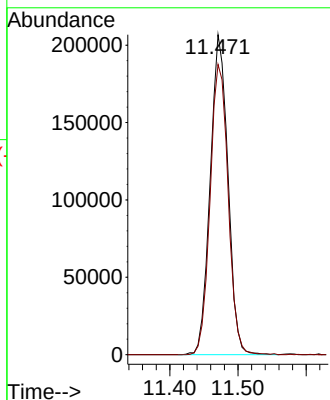
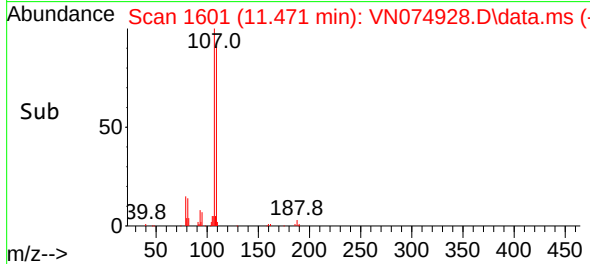
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



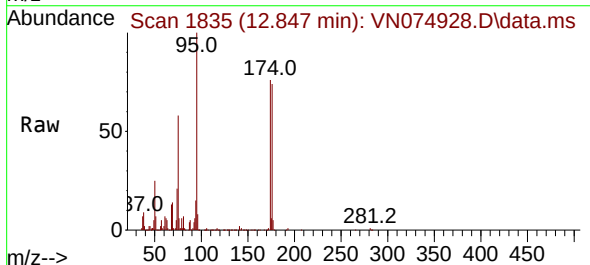
Tgt Ion:107 Resp: 374174
Ion Ratio Lower Upper
107 100
109 92.3 77.6 116.4

Manual Integrations
APPROVED

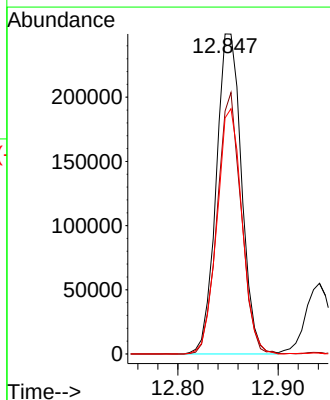
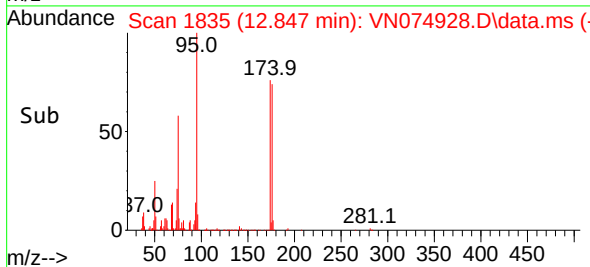
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

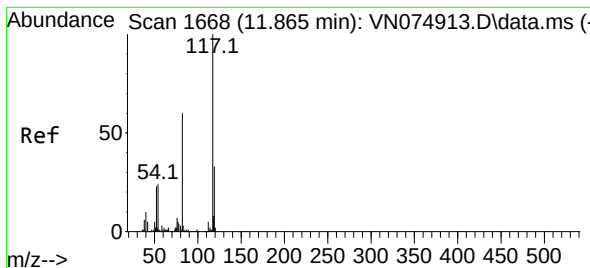


#62
4-Bromofluorobenzene
Concen: 54.203 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



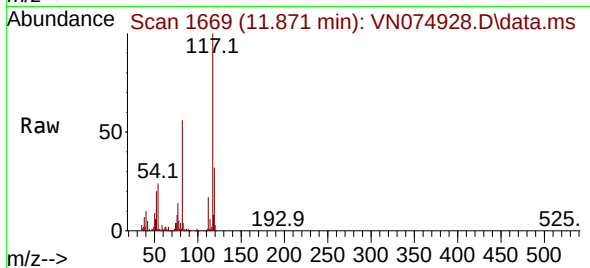
Tgt Ion: 95 Resp: 436577
Ion Ratio Lower Upper
95 100
174 77.0 0.0 157.8
176 75.8 0.0 148.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

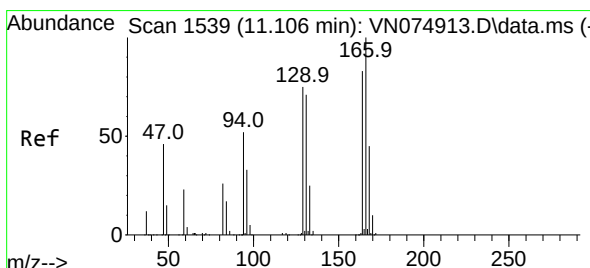
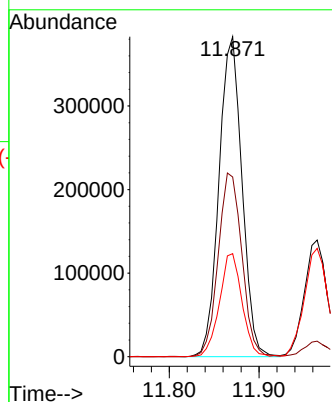
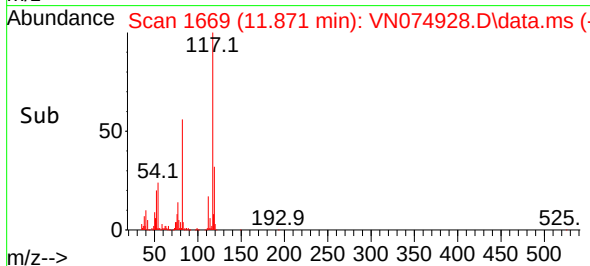
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



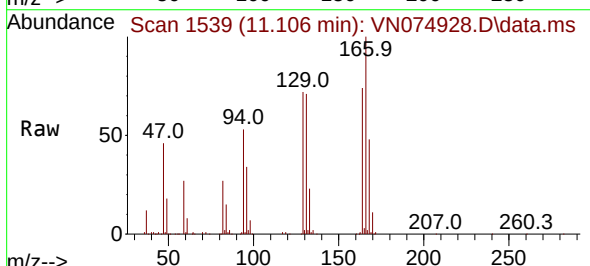
Tgt Ion:117 Resp: 681224
Ion Ratio Lower Upper
117 100
82 56.1 48.0 72.0
119 32.2 26.1 39.1

Manual Integrations
APPROVED

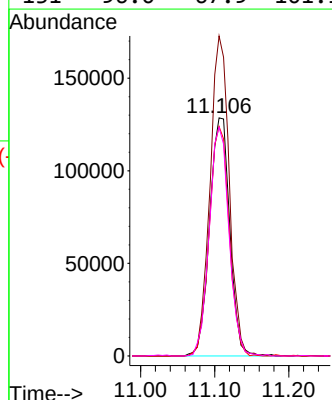
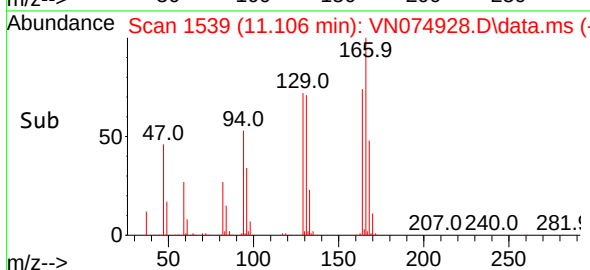
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

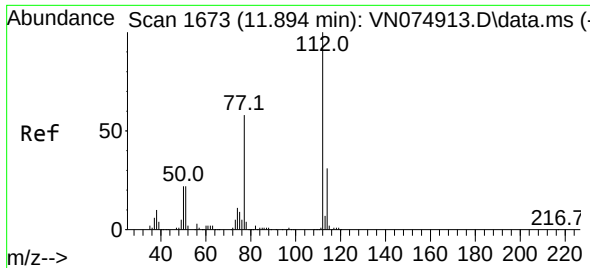


#64
Tetrachloroethene
Concen: 48.255 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



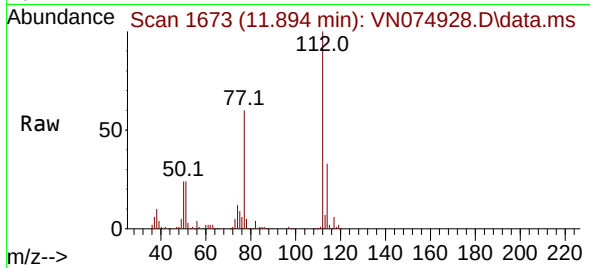
Tgt Ion:164 Resp: 243163
Ion Ratio Lower Upper
164 100
166 134.4 95.8 143.8
129 96.4 72.0 108.0
131 96.0 67.9 101.9





#65
Chlorobenzene
Concen: 46.685 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

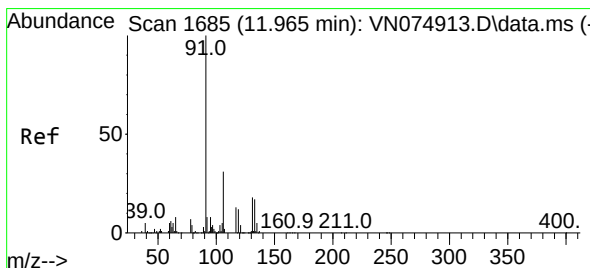
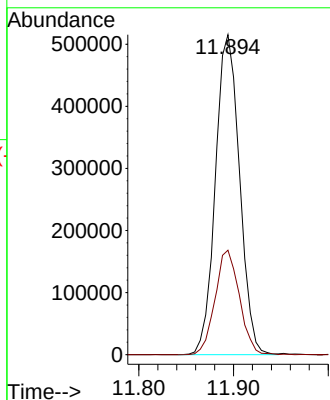
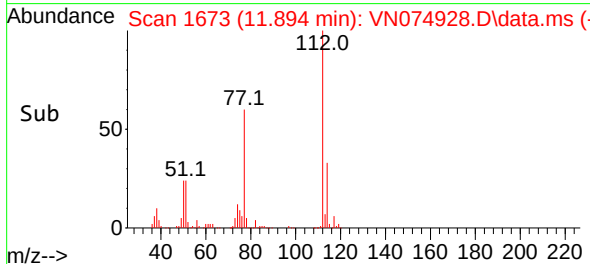
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



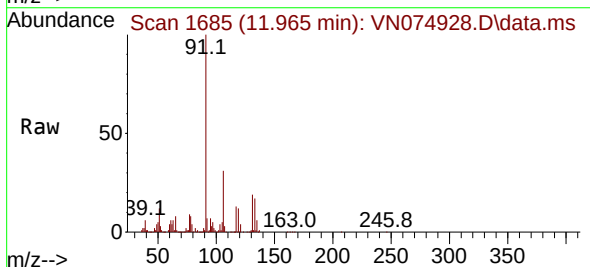
Tgt Ion:112 Resp: 913272
Ion Ratio Lower Upper
112 100
114 32.7 25.2 37.8

Manual Integrations
APPROVED

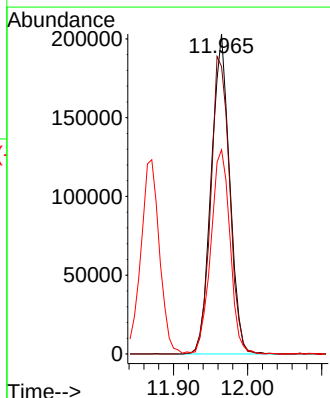
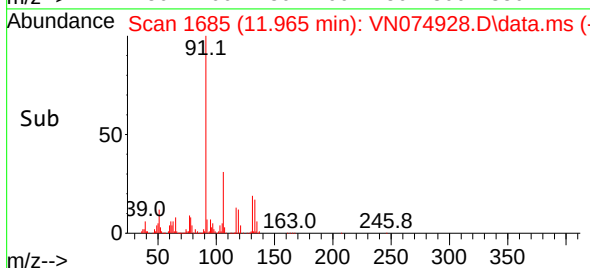
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

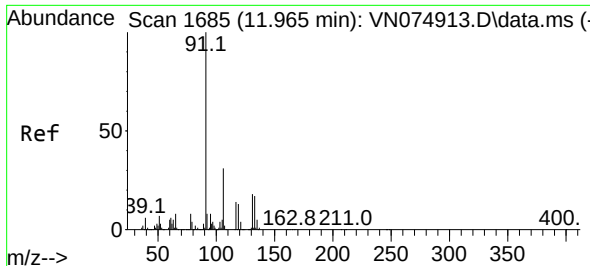


#66
1,1,1,2-Tetrachloroethane
Concen: 50.406 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



Tgt Ion:131 Resp: 349891
Ion Ratio Lower Upper
131 100
133 95.7 46.1 138.3
119 66.5 32.6 97.8





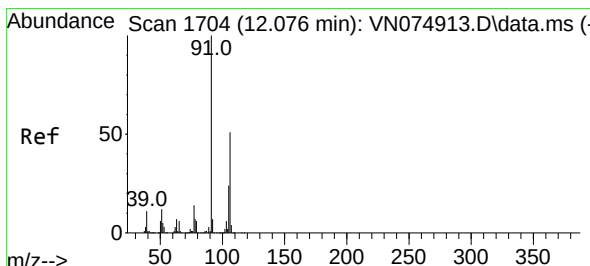
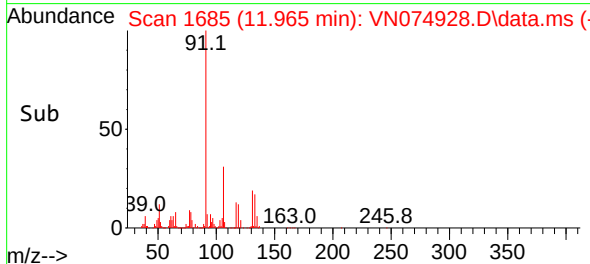
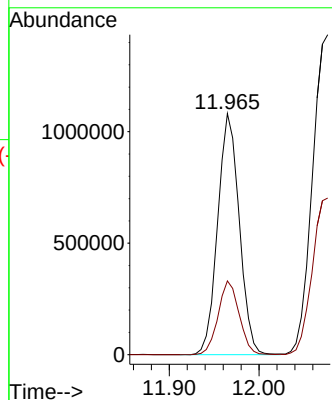
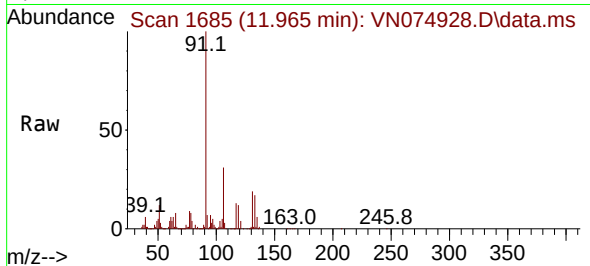
#67
Ethyl Benzene
Concen: 50.745 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1805110
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

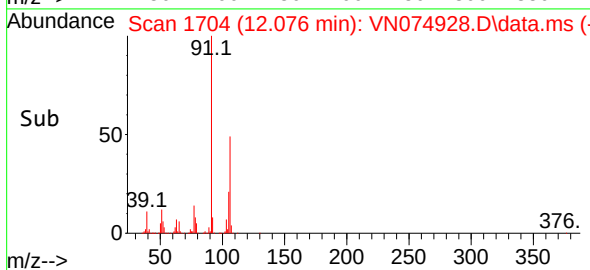
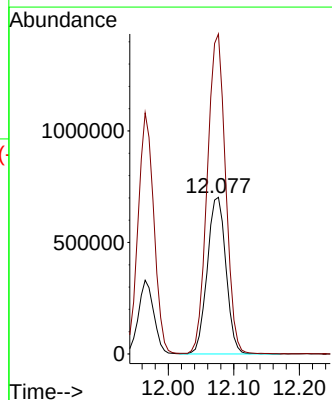
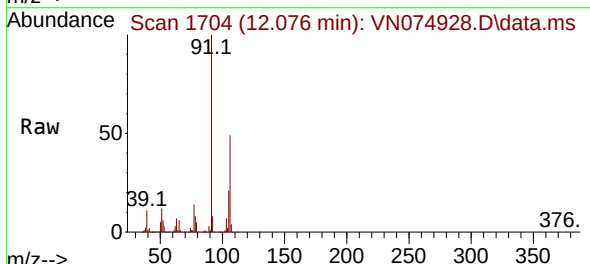
Manual Integrations
APPROVED

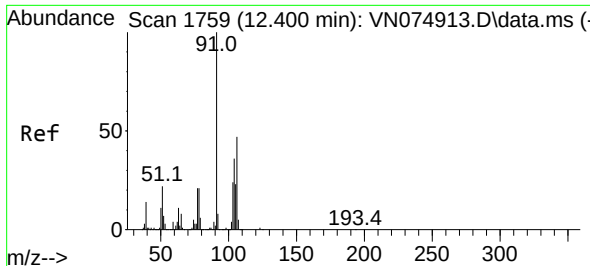
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#68
m/p-Xylenes
Concen: 104.634 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion:106 Resp: 1390647
Ion Ratio Lower Upper
106 100
91 200.1 160.6 240.8





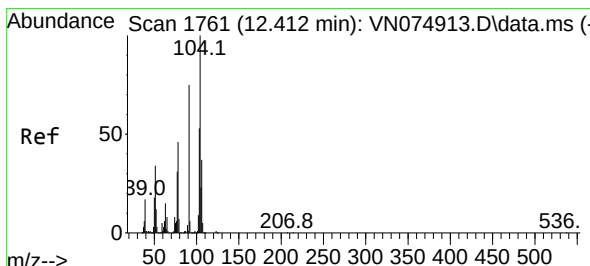
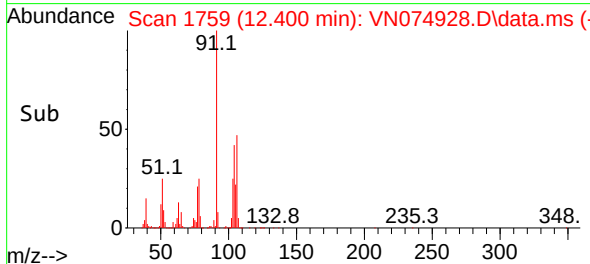
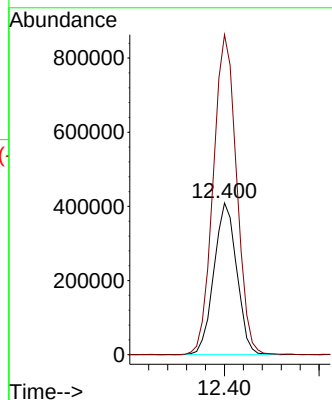
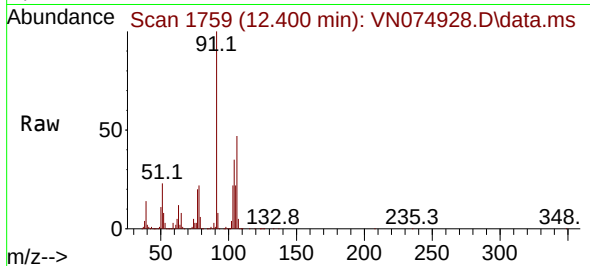
#69
o-Xylene
Concen: 50.808 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 685832
Ion Ratio Lower Upper
106 100
91 216.0 105.9 317.7

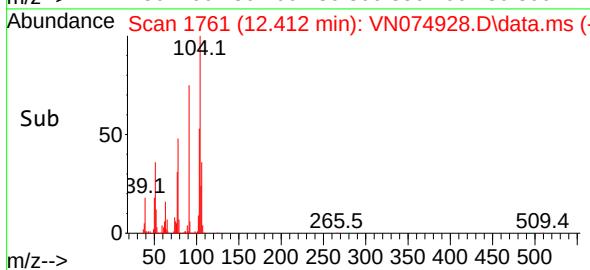
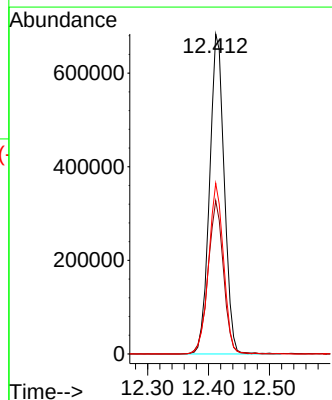
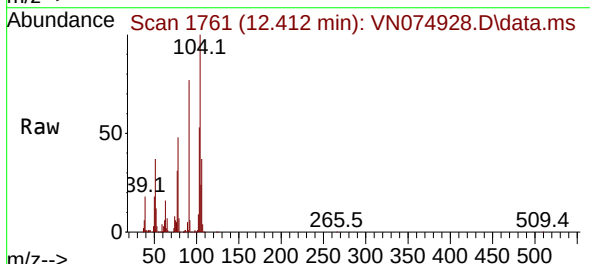
Manual Integrations
APPROVED

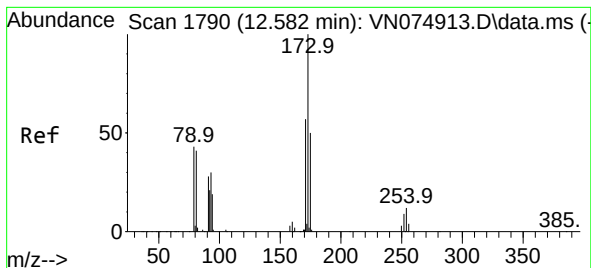
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 54.071 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion:104 Resp: 1147484
Ion Ratio Lower Upper
104 100
78 49.9 38.8 58.2
103 54.4 45.0 67.4





#71

Bromoform

Concen: 51.541 ug/l

RT: 12.576 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 26341

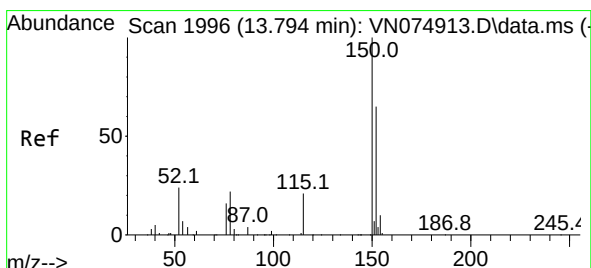
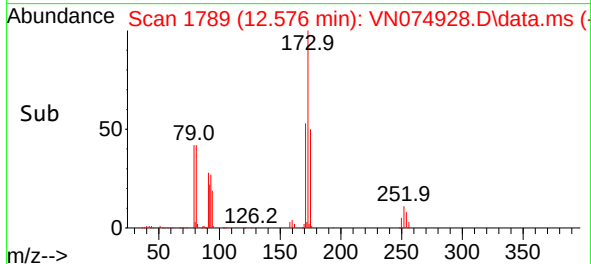
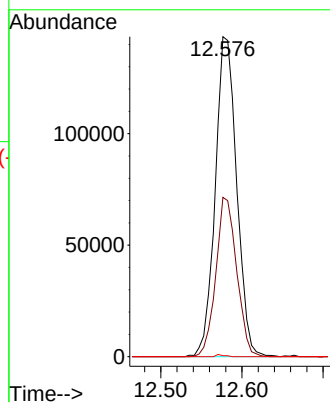
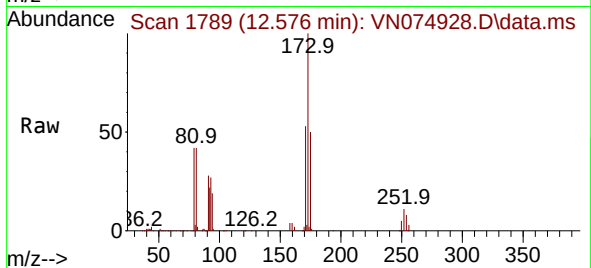
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.5	73.5
254	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

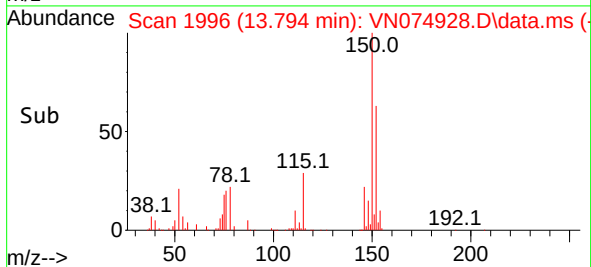
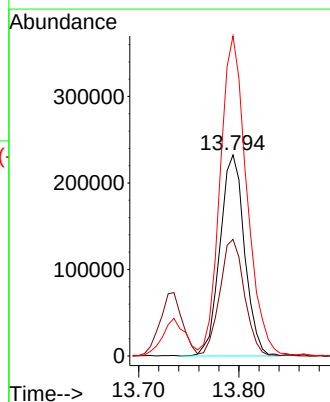
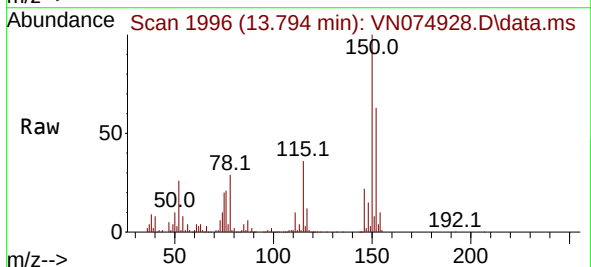
Delta R.T. 0.000 min

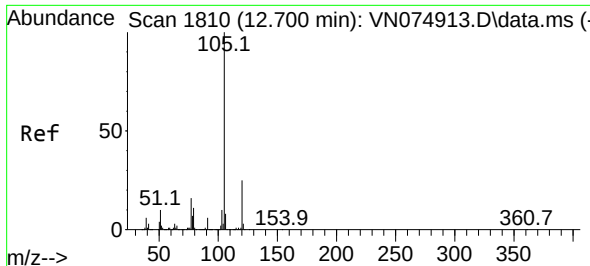
Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Tgt Ion:152 Resp: 394492

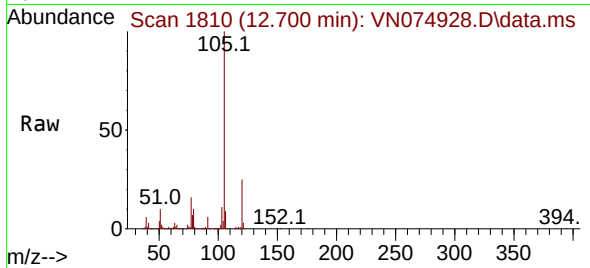
Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.7	89.1
150	171.1	0.0	341.6





#73
Isopropylbenzene
Concen: 48.635 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

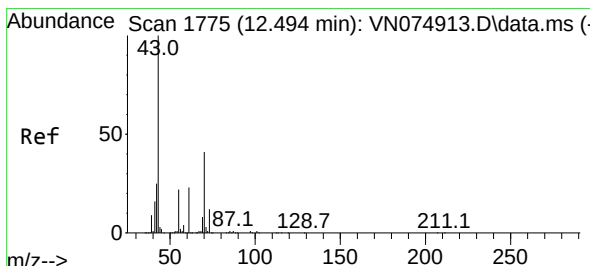
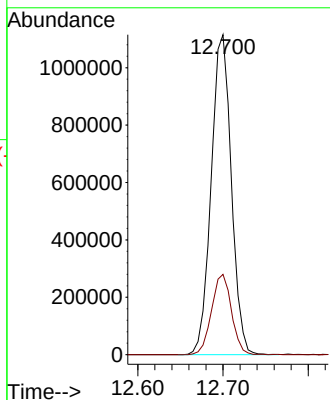
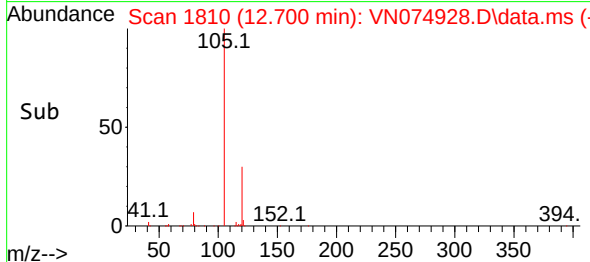
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1827519
Ion Ratio Lower Upper
105 100
120 24.9 12.9 38.7

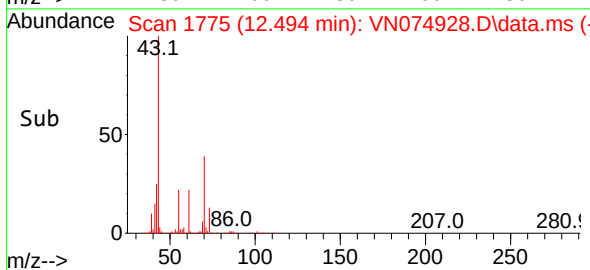
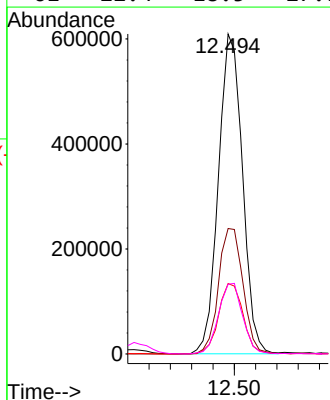
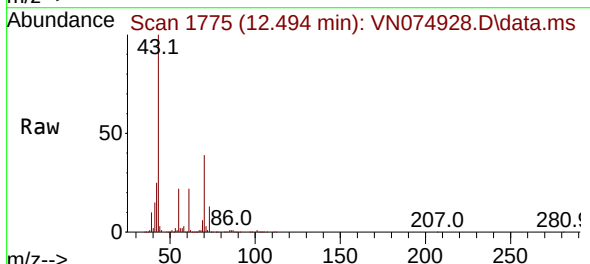
Manual Integrations
APPROVED

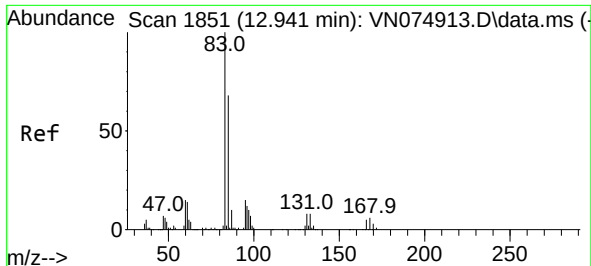
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 45.905 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

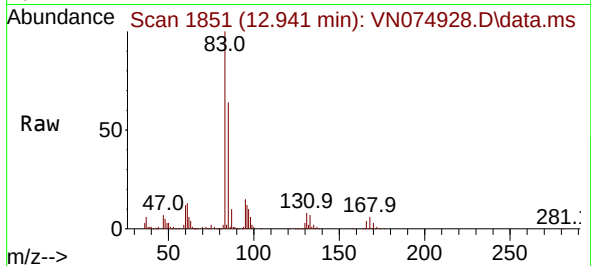
Tgt Ion: 43 Resp: 953530
Ion Ratio Lower Upper
43 100
70 40.1 32.1 48.1
55 22.5 17.7 26.5
61 22.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.573 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

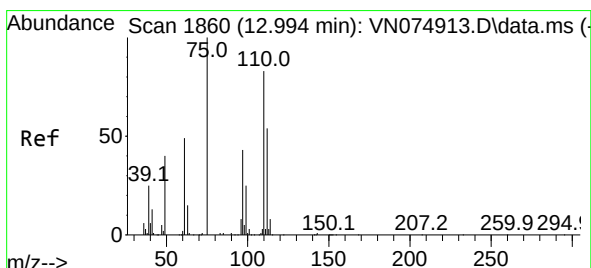
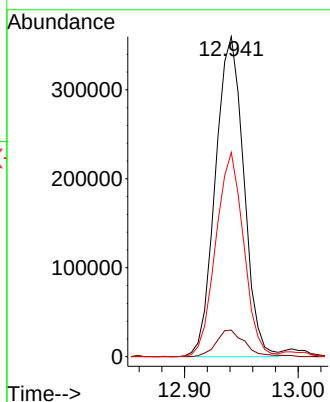
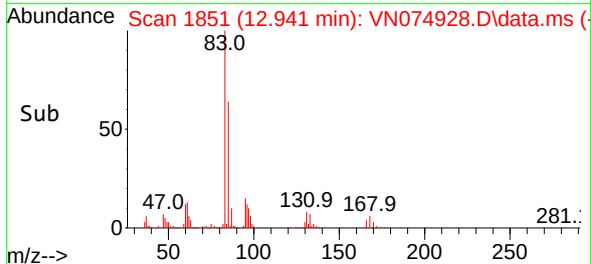
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



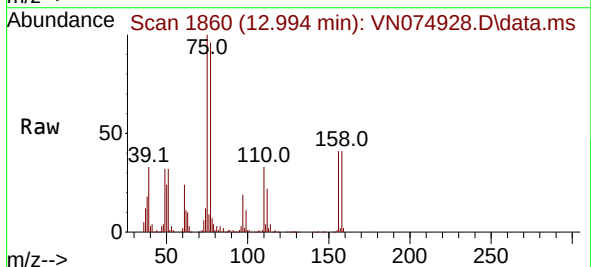
Tgt Ion: 83 Resp: 62523
Ion Ratio Lower Upper
83 100
131 8.6 4.3 12.8
85 62.8 32.6 97.8

Manual Integrations
APPROVED

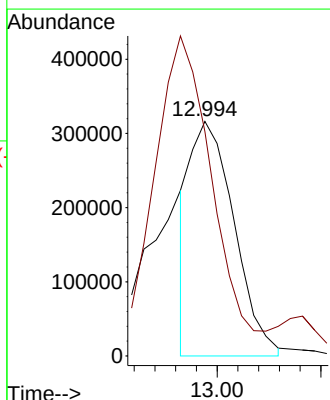
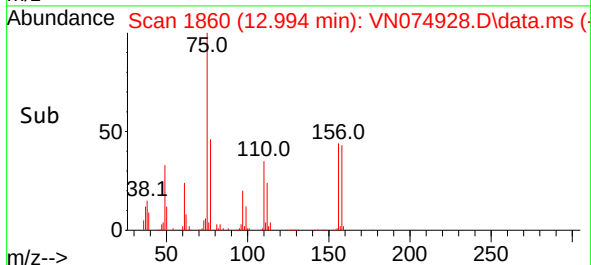
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

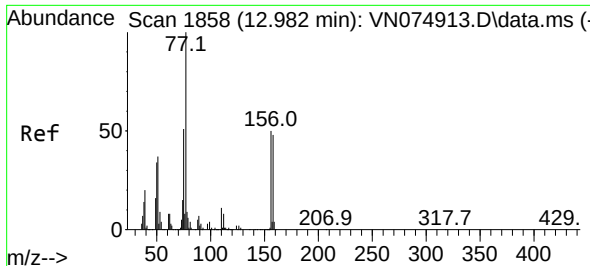


#76
1,2,3-Trichloropropane
Concen: 41.717 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



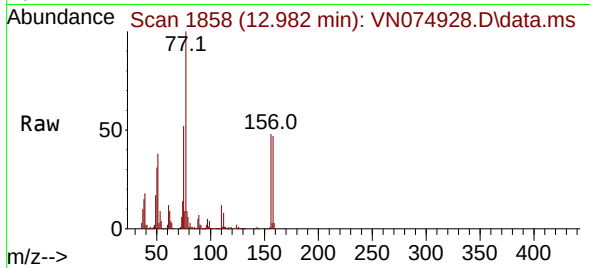
Tgt Ion: 75 Resp: 465150
Ion Ratio Lower Upper
75 100
77 183.8 77.8 233.5





#77
Bromobenzene
Concen: 43.938 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

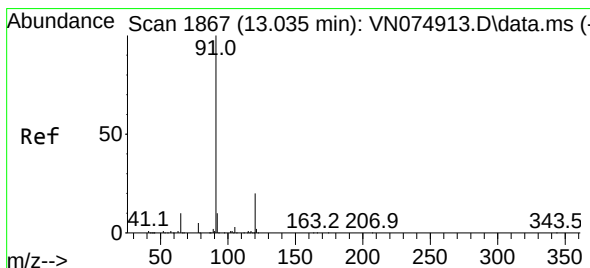
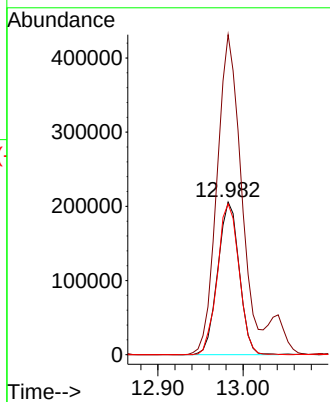
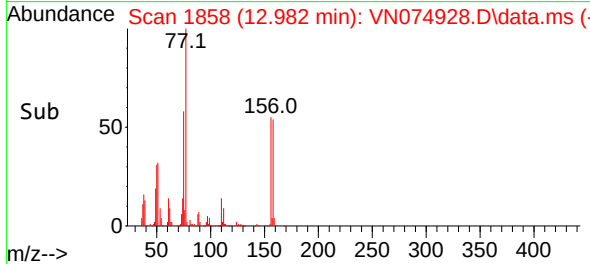
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 360504
Ion Ratio Lower Upper
156 100
77 237.1 116.7 350.1
158 99.7 48.2 144.6

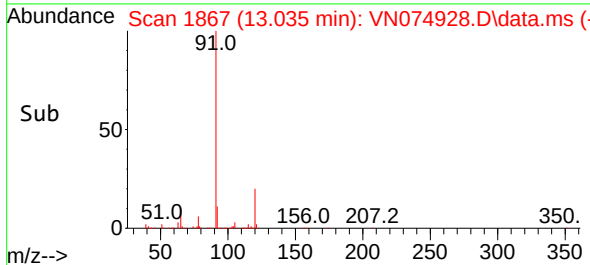
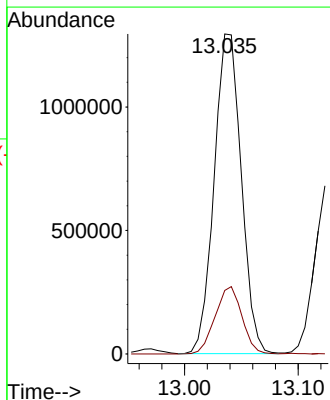
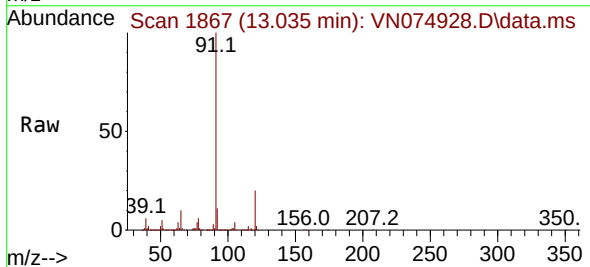
Manual Integrations
APPROVED

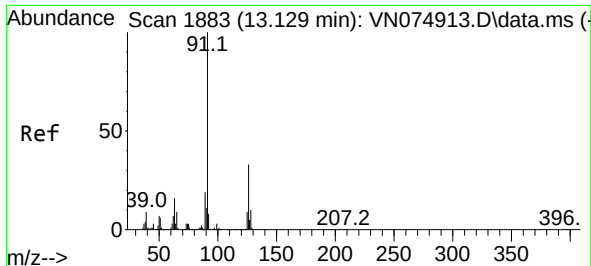
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#78
n-propylbenzene
Concen: 49.232 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

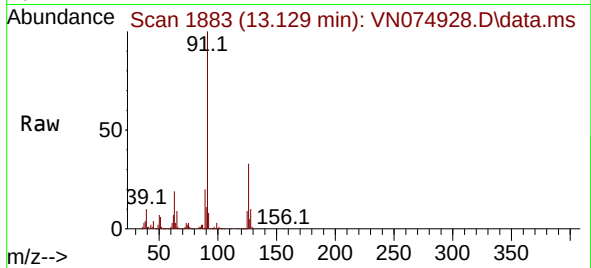
Tgt Ion: 91 Resp: 2147283
Ion Ratio Lower Upper
91 100
120 20.9 10.8 32.4





#79
2-Chlorotoluene
Concen: 44.934 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

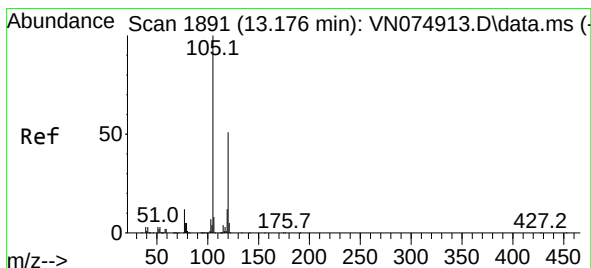
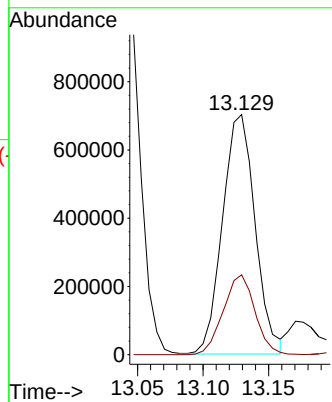
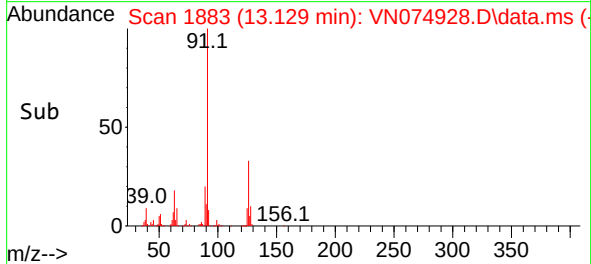
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1215480
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.7

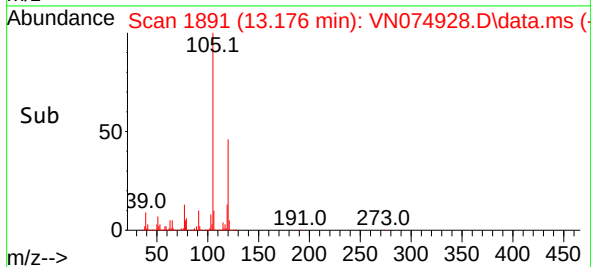
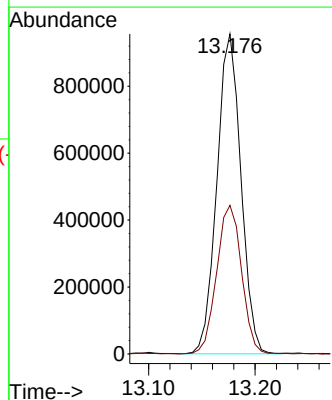
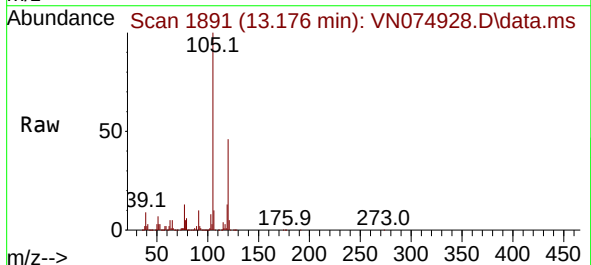
Manual Integrations
APPROVED

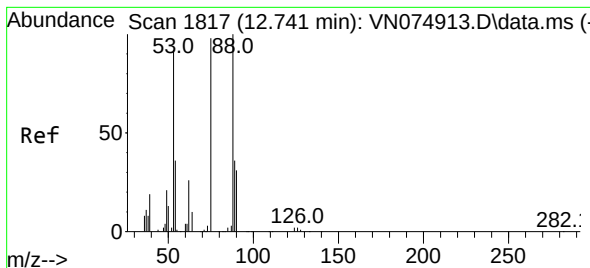
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.459 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

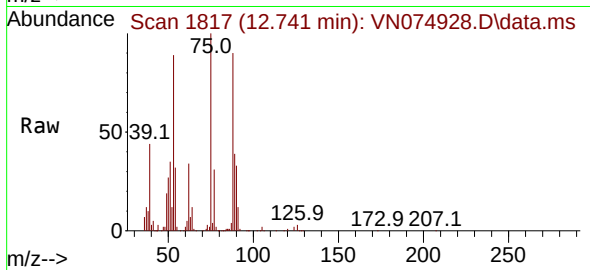
Tgt Ion:105 Resp: 1494930
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.746 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

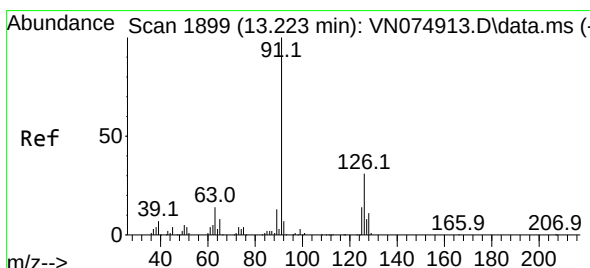
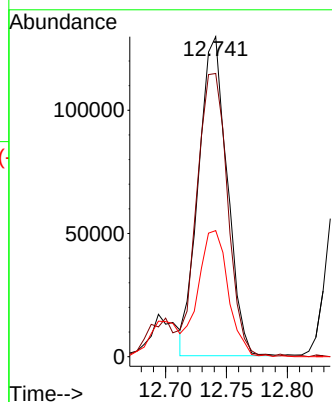
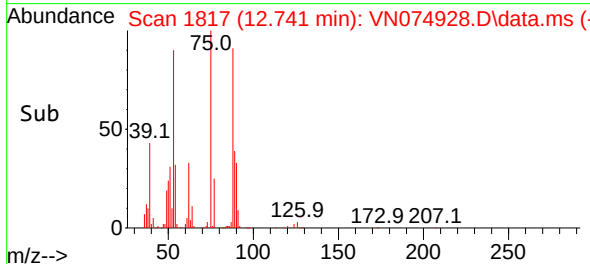
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 212200
Ion Ratio Lower Upper
75 100
53 95.7 82.4 123.6
89 41.8 34.7 52.1

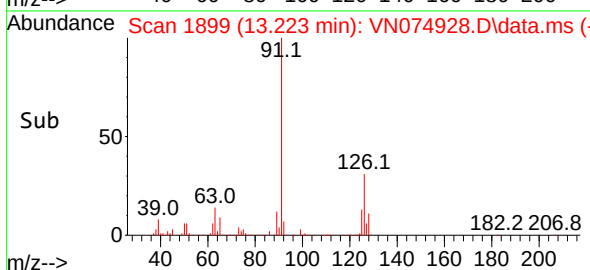
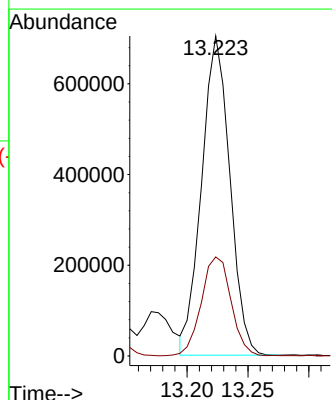
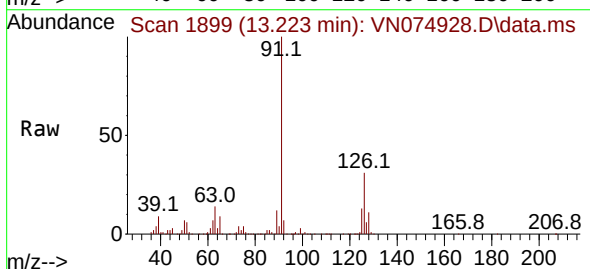
Manual Integrations
APPROVED

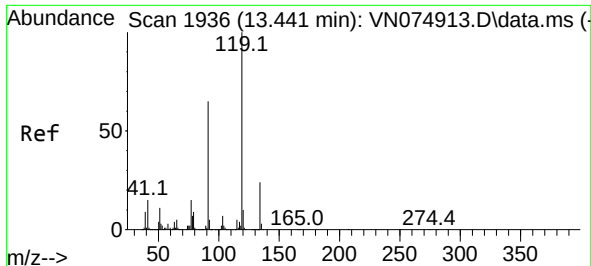
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 47.709 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

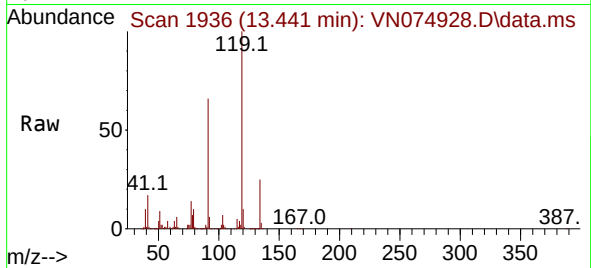
Tgt Ion: 91 Resp: 1133975
Ion Ratio Lower Upper
91 100
126 32.8 16.0 47.9





#83
tert-Butylbenzene
Concen: 46.217 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

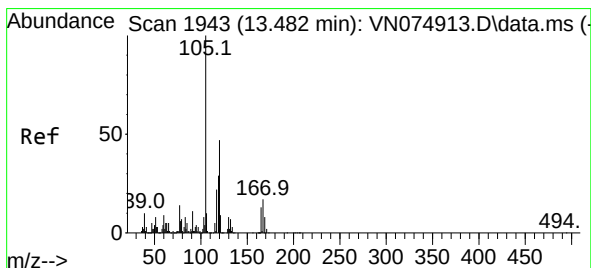
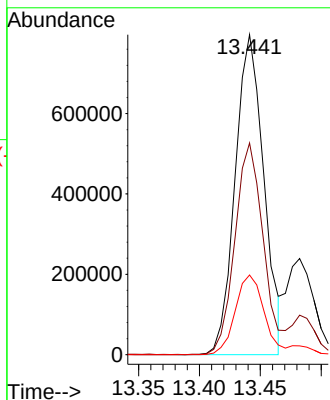
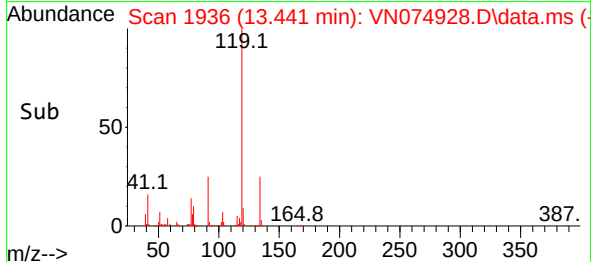
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



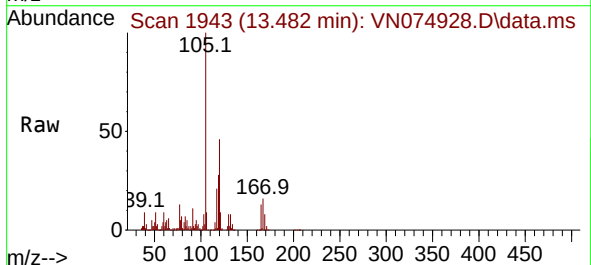
Tgt Ion:119 Resp: 1304812
Ion Ratio Lower Upper
119 100
91 66.0 33.1 99.2
134 25.0 13.1 39.3

Manual Integrations
APPROVED

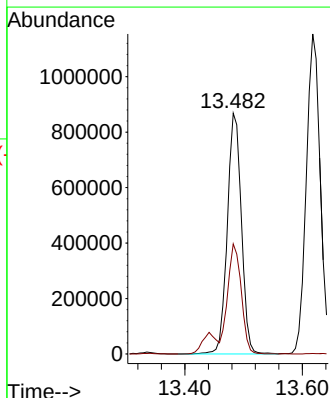
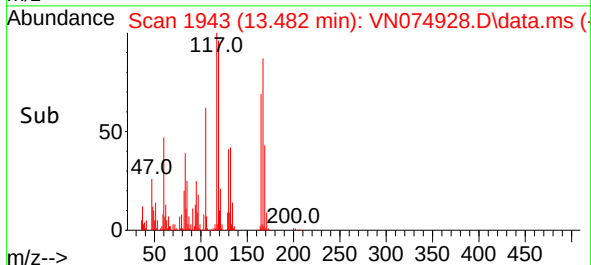
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

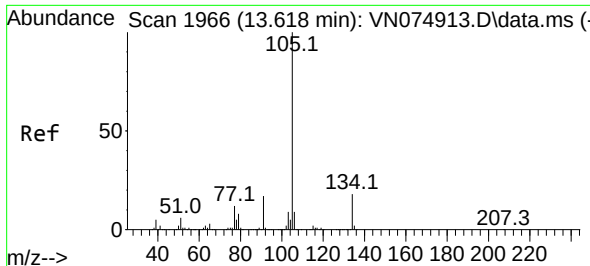


#84
1,2,4-Trimethylbenzene
Concen: 48.769 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



Tgt Ion:105 Resp: 1443888
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 48.902 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074928.D
 Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

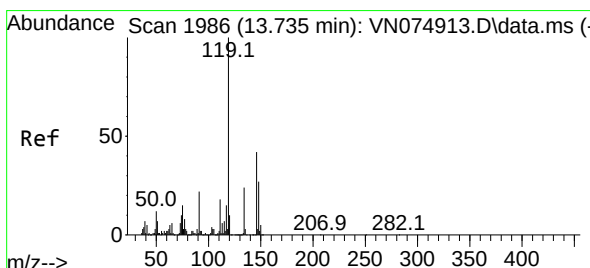
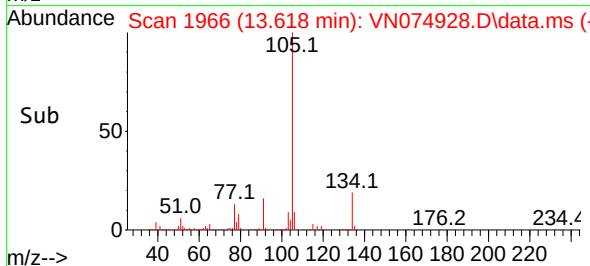
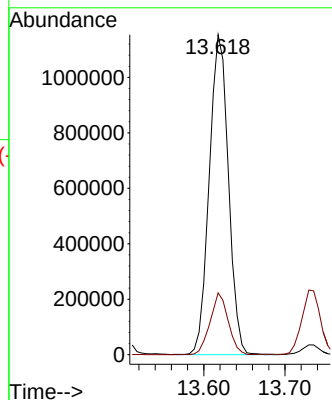
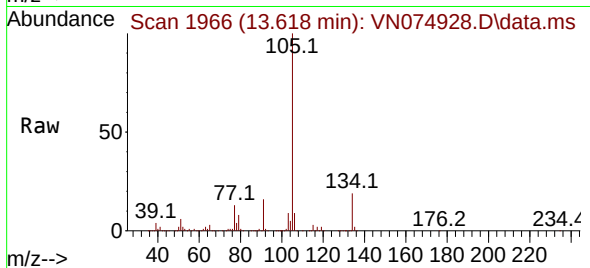
VSTDCCC050EC

Tgt Ion:105 Resp: 189142
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.2 27.4

Manual Integrations

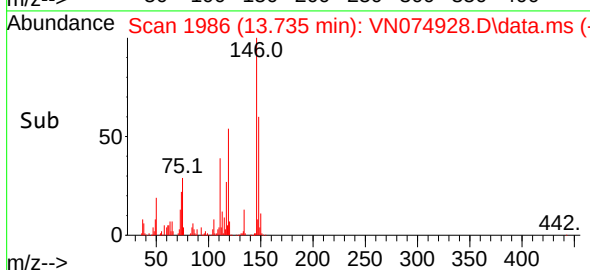
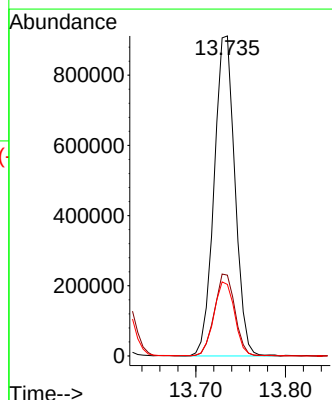
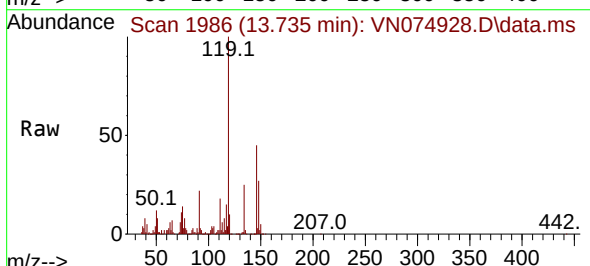
APPROVED

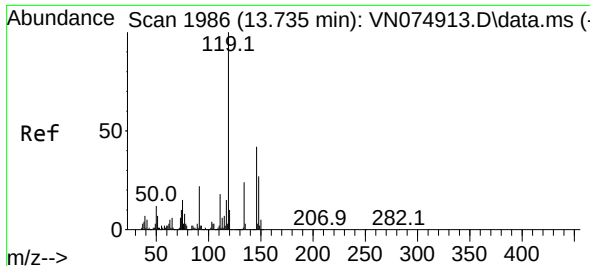
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#86
 p-Isopropyltoluene
 Concen: 49.958 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074928.D
 Acq: 17 Oct 2022 20:33

Tgt Ion:119 Resp: 1465905
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.3 36.9
 91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 48.822 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 662218

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

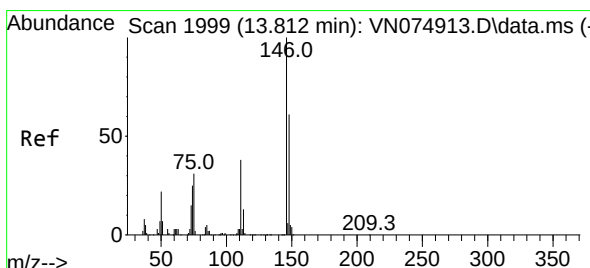
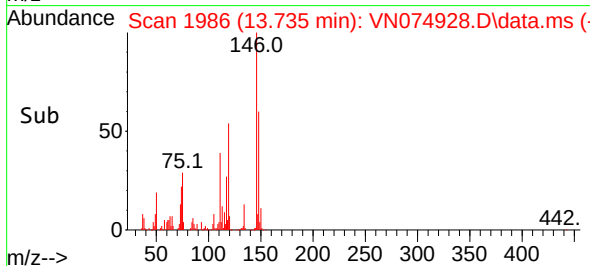
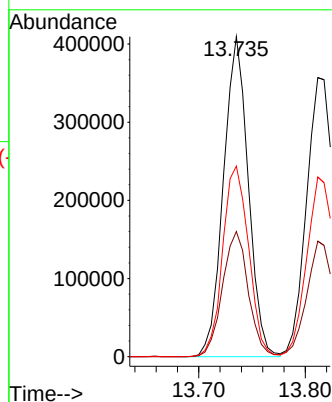
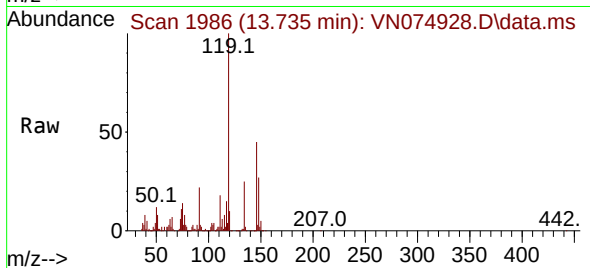
148 62.4 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#88

1,4-Dichlorobenzene

Concen: 44.423 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

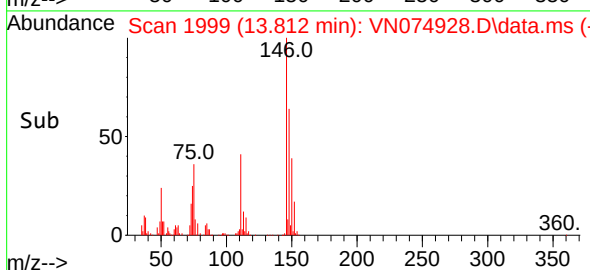
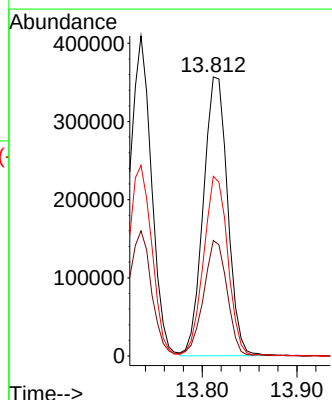
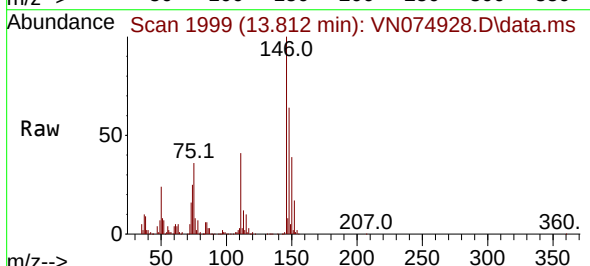
Tgt Ion:146 Resp: 636598

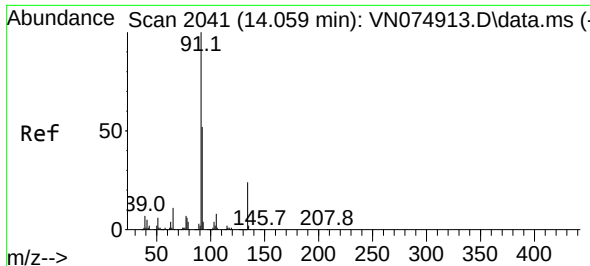
Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.1

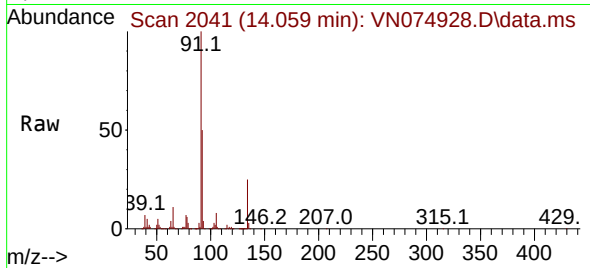
148 64.3 31.8 95.3





#89
n-Butylbenzene
Concen: 49.863 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

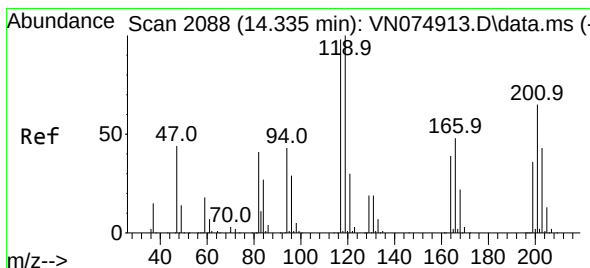
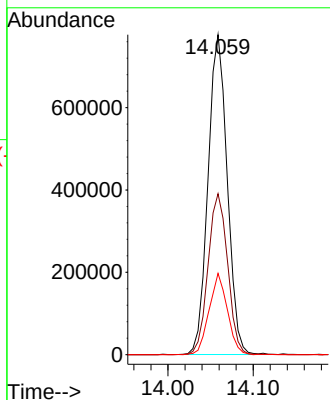
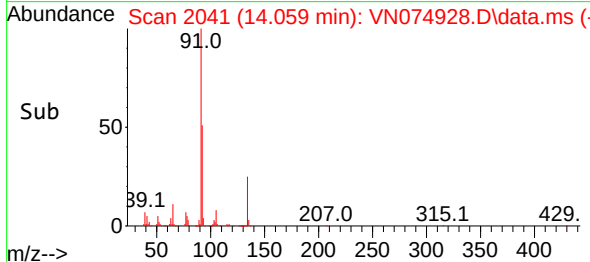
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 121778
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 24.2 11.8 35.3

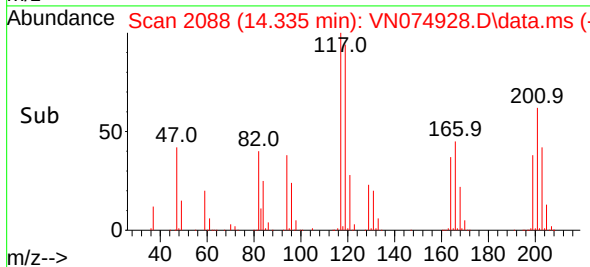
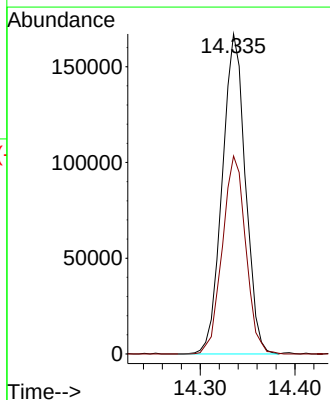
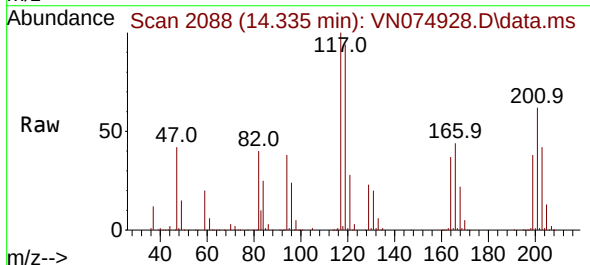
Manual Integrations
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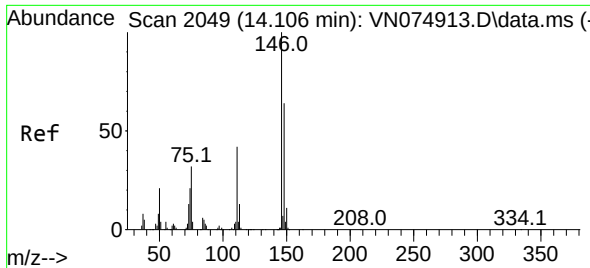
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 46.895 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion:117 Resp: 284090
Ion Ratio Lower Upper
117 100
201 62.4 31.6 95.0





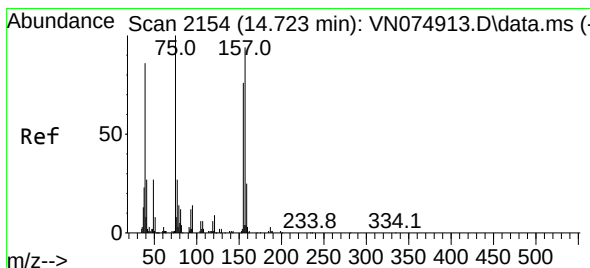
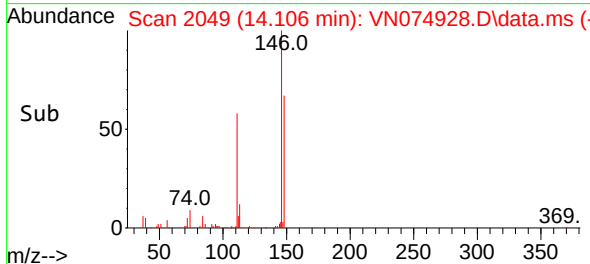
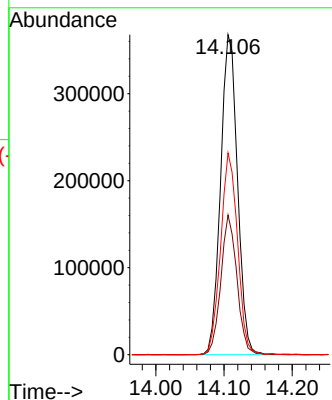
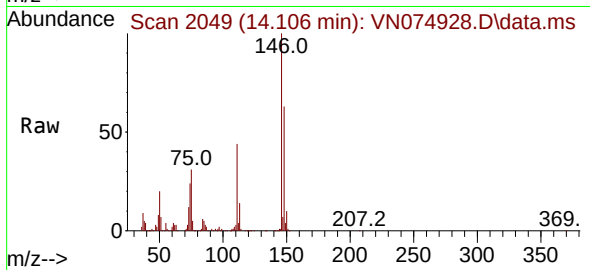
#91
1,2-Dichlorobenzene
Concen: 46.857 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 63480
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.3
148 63.3 32.1 96.3

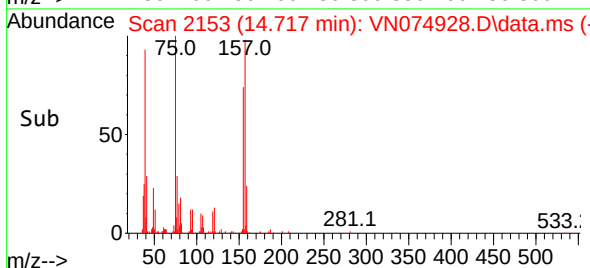
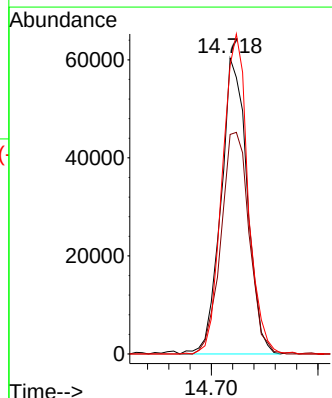
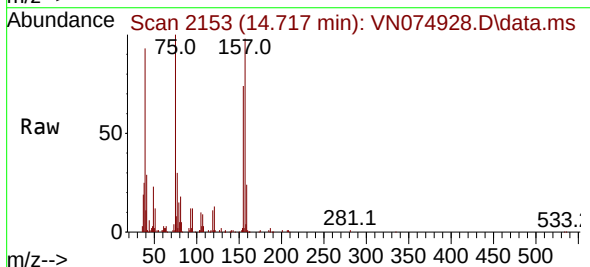
Manual Integrations
APPROVED

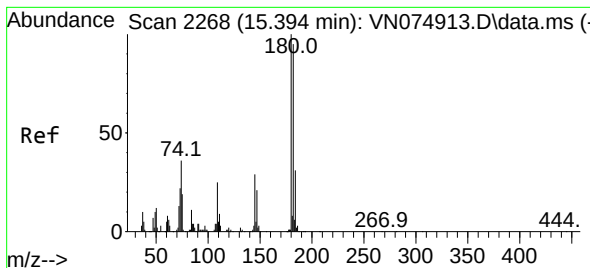
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.077 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

Tgt Ion: 75 Resp: 102829
Ion Ratio Lower Upper
75 100
155 80.5 39.9 119.6
157 106.0 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 47.149 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074928.D

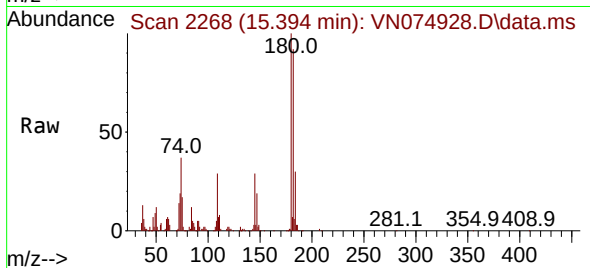
Acq: 17 Oct 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 298964

Ion Ratio Lower Upper

180 100

182 94.9 49.1 147.3

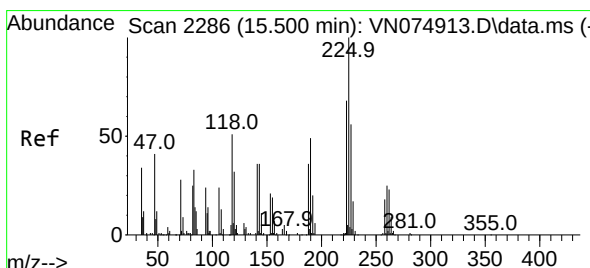
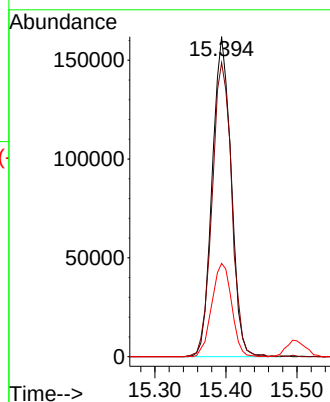
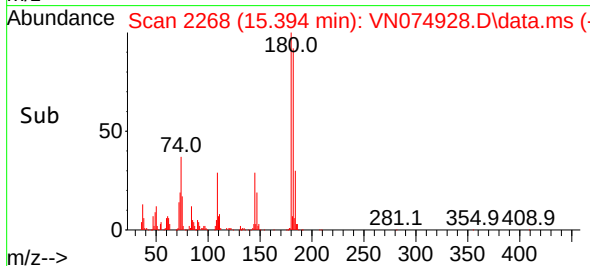
145 30.7 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#94

Hexachlorobutadiene

Concen: 45.636 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

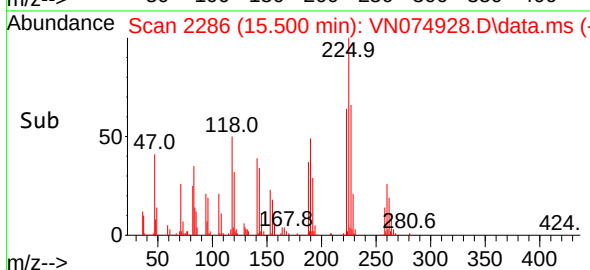
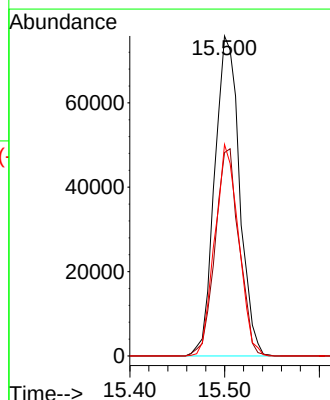
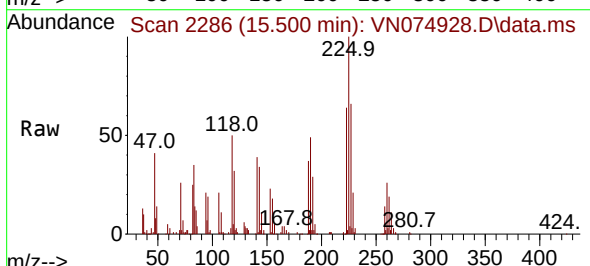
Tgt Ion:225 Resp: 138114

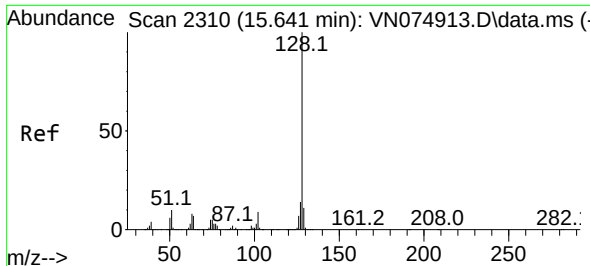
Ion Ratio Lower Upper

225 100

223 62.7 29.8 89.5

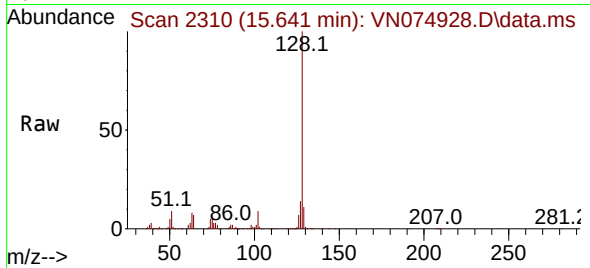
227 63.3 30.1 90.5





#95
Naphthalene
Concen: 44.656 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33

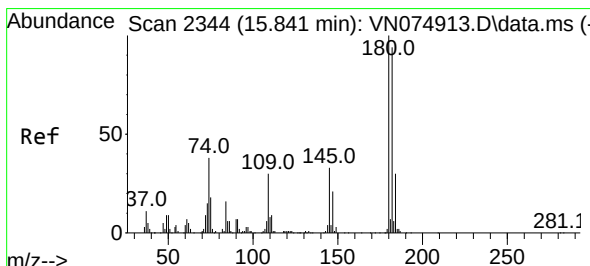
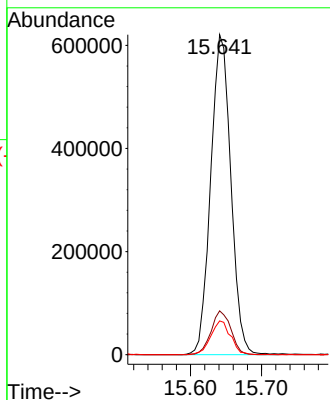
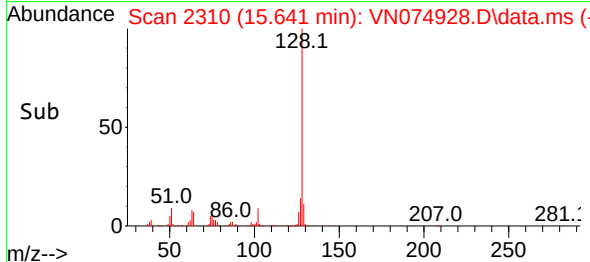
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



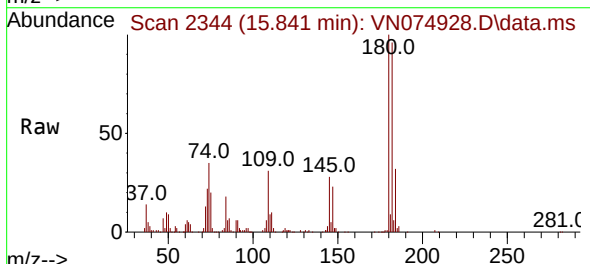
Tgt Ion:128 Resp: 1220899
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.924 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074928.D
Acq: 17 Oct 2022 20:33



Tgt Ion:180 Resp: 303939
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.6
145 32.9 15.8 47.4

