

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074316.D
 Acq On : 03 Sep 2022 14:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 05 05:30:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	320767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	577159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	556457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	264271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	245873	49.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.340%		
35) Dibromofluoromethane	7.945	113	192384	50.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.600%		
50) Toluene-d8	10.380	98	803599	53.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.580%		
62) 4-Bromofluorobenzene	12.668	95	269122	48.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.051	85	153676	50.589	ug/l	99
3) Chloromethane	2.269	50	182423	41.627	ug/l	98
4) Vinyl Chloride	2.410	62	335858	41.184	ug/l	99
5) Bromomethane	2.798	94	185321	33.804	ug/l	95
6) Chloroethane	2.963	64	297684	46.351	ug/l	99
7) Trichlorofluoromethane	3.316	101	261318	45.338	ug/l	98
8) Diethyl Ether	3.763	74	106100	45.210	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	160694	45.976	ug/l	91
10) Methyl Iodide	4.345	142	96655	40.300	ug/l	90
11) Tert butyl alcohol	5.281	59	189316	208.693	ug/l	98
12) 1,1-Dichloroethene	4.110	96	149182	47.248	ug/l	95
13) Acrolein	3.975	56	153998	252.225	ug/l	98
14) Allyl chloride	4.757	41	237213	46.718	ug/l #	88
15) Acrylonitrile	5.469	53	578695	231.955	ug/l	98
16) Acetone	4.216	43	456866	218.624	ug/l	98
17) Carbon Disulfide	4.457	76	364108	46.176	ug/l	99
18) Methyl Acetate	4.769	43	270952	43.081	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	606924	48.496	ug/l	97
20) Methylene Chloride	5.010	84	190228	49.468	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	171792	47.468	ug/l	91
22) Diisopropyl ether	6.410	45	639764	53.668	ug/l	98
23) Vinyl Acetate	6.351	43	2743440	264.781	ug/l	97
24) 1,1-Dichloroethane	6.298	63	352358	49.073	ug/l	99
25) 2-Butanone	7.251	43	850503	241.016	ug/l	97
26) 2,2-Dichloropropane	7.245	77	265172	45.455	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	226743	49.253	ug/l	99
28) Bromochloromethane	7.580	49	124838	50.160	ug/l	87
29) Tetrahydrofuran	7.604	42	580867	257.981	ug/l	99
30) Chloroform	7.739	83	413247	52.028	ug/l	99
31) Cyclohexane	8.022	56	325922	48.804	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	342913	52.050	ug/l	95
36) 1,1-Dichloropropene	8.151	75	287722	53.006	ug/l	98
37) Ethyl Acetate	7.333	43	346801	48.849	ug/l	96
38) Carbon Tetrachloride	8.133	117	291921	53.235	ug/l	100
39) Methylcyclohexane	9.392	83	354574	54.216	ug/l	98
40) Benzene	8.386	78	909218	53.096	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	165959	51.976	ug/l #	70
42) 1,2-Dichloroethane	8.463	62	326308	51.227	ug/l	98
43) Isopropyl Acetate	8.492	43	537867	52.135	ug/l	99
44) Trichloroethene	9.151	130	213190	52.314	ug/l	96
45) 1,2-Dichloropropane	9.427	63	232460	54.575	ug/l	96
46) Dibromomethane	9.510	93	168195	51.786	ug/l #	86
47) Bromodichloromethane	9.698	83	327505	54.991	ug/l	94
48) Methyl methacrylate	9.498	41	232123	51.198	ug/l #	89
49) 1,4-Dioxane	9.504	88	111432	954.978	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	1924488	266.661	ug/l	97
52) Toluene	10.439	92	603422	57.024	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	344712	56.849	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	363101	54.580	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	240429	52.956	ug/l	94
56) Ethyl methacrylate	10.698	69	391780	57.962	ug/l #	94
57) 1,3-Dichloropropane	10.986	76	411954	53.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	908305	274.684	ug/l	96
59) 2-Hexanone	11.021	43	1484586	271.798	ug/l	97
60) Dibromochloromethane	11.174	129	248999	55.263	ug/l	97
61) 1,2-Dibromoethane	11.286	107	254305	55.907	ug/l	99
64) Tetrachloroethene	10.910	164	181605	51.916	ug/l	95
65) Chlorobenzene	11.710	112	629744	51.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	231602	51.240	ug/l	98
67) Ethyl Benzene	11.786	91	1207909	53.866	ug/l	96
68) m/p-Xylenes	11.892	106	904383	108.041	ug/l	96
69) o-Xylene	12.215	106	446929	53.495	ug/l	96
70) Styrene	12.233	104	772244	57.723	ug/l	100
71) Bromoform	12.398	173	181099	55.326	ug/l #	98
73) Isopropylbenzene	12.515	105	1196384	51.699	ug/l	98
74) N-amyl acetate	12.327	43	502770	50.942	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.762	83	418839	48.780	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	379038m	50.642	ug/l	
77) Bromobenzene	12.798	156	257294	50.087	ug/l	86
78) n-propylbenzene	12.857	91	1440416	54.454	ug/l	96
79) 2-Chlorotoluene	12.945	91	813328	50.080	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	1008854	54.372	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	122431	53.101	ug/l	97
82) 4-Chlorotoluene	13.045	91	812112	53.266	ug/l	98
83) tert-Butylbenzene	13.262	119	880434	52.281	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1009300	53.700	ug/l	98
85) sec-Butylbenzene	13.439	105	1275159	54.237	ug/l	97
86) p-Isopropyltoluene	13.551	119	1027605	56.106	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	489958	52.104	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	475073	50.681	ug/l	96
89) n-Butylbenzene	13.880	91	900233	56.339	ug/l	95
90) Hexachloroethane	14.145	117	175185	49.170	ug/l	79
91) 1,2-Dichlorobenzene	13.921	146	495061	50.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	85711	45.984	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	246002	50.402	ug/l	98
94) Hexachlorobutadiene	15.298	225	108866	53.309	ug/l	96
95) Naphthalene	15.433	128	949661	49.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	251964	50.679	ug/l	98

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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

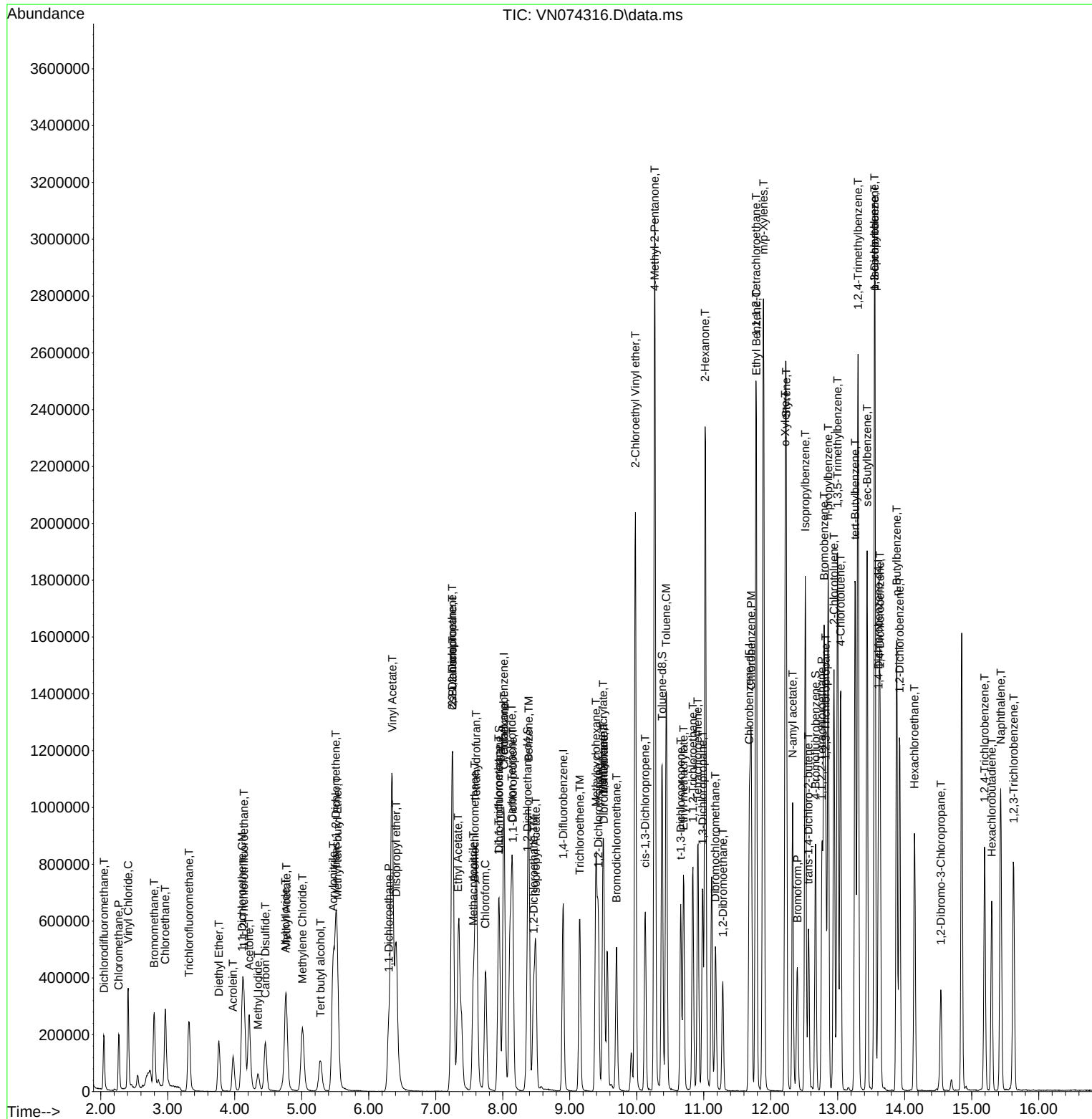
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
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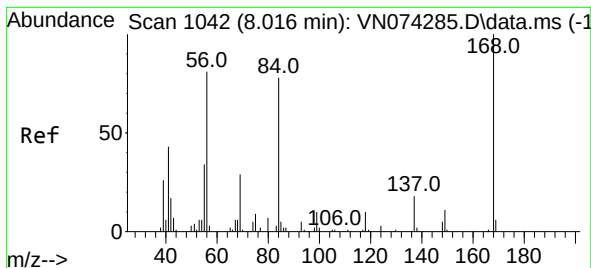
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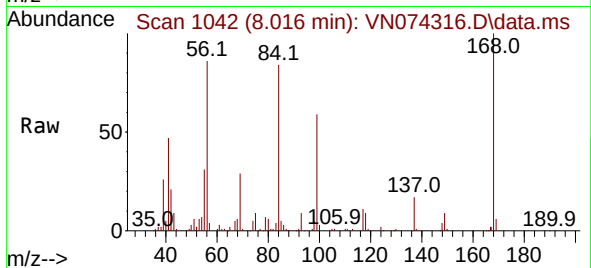
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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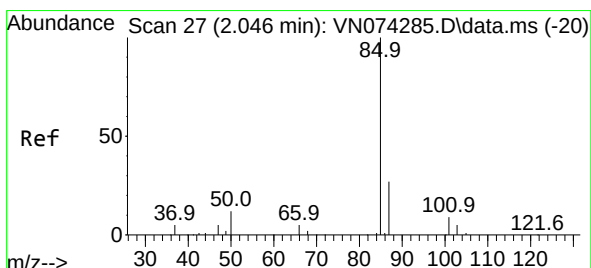
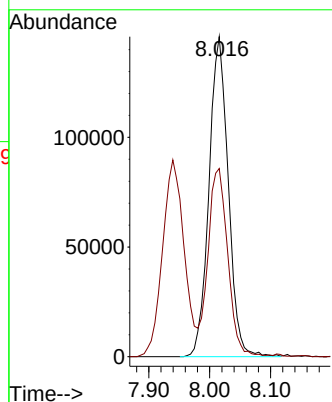
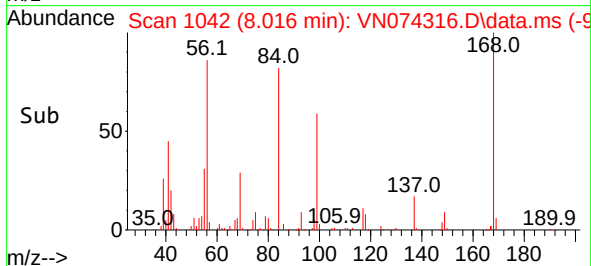
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 32076
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5

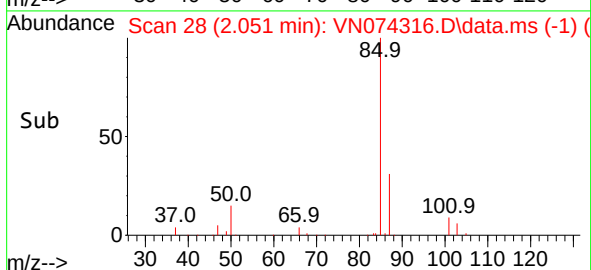
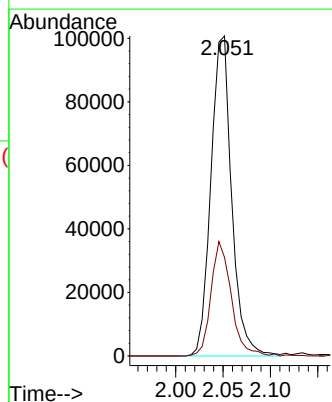
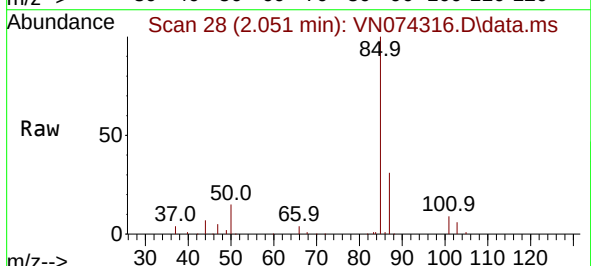
Manual Integrations
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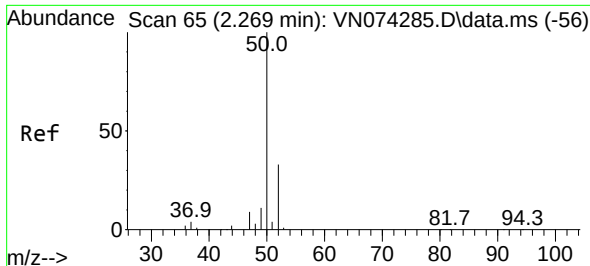
Reviewed By :John Carlone 09/06/2022
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#2
Dichlorodifluoromethane
Concen: 50.589 ug/l
RT: 2.051 min Scan# 28
Delta R.T. 0.005 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

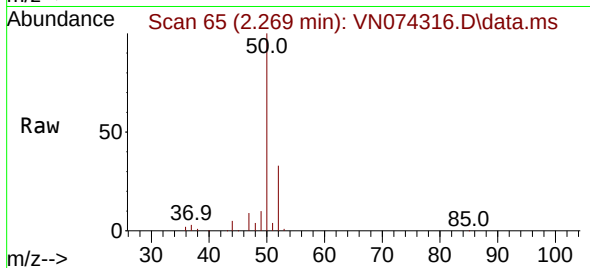
Tgt Ion: 85 Resp: 153676
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.1





#3
Chloromethane
Concen: 41.627 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

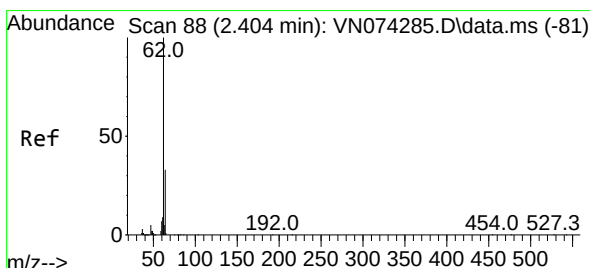
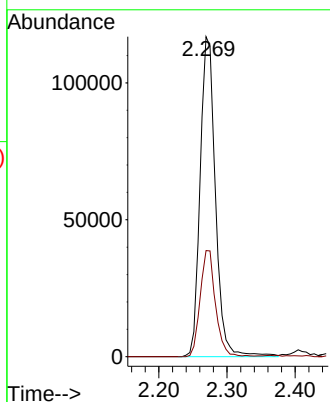
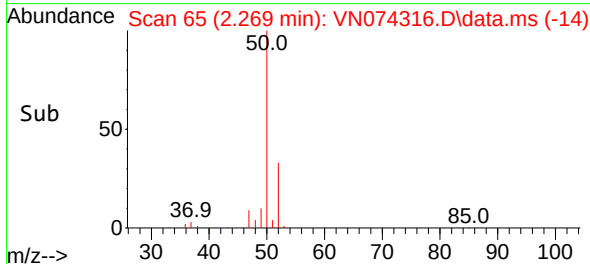
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 18242
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5

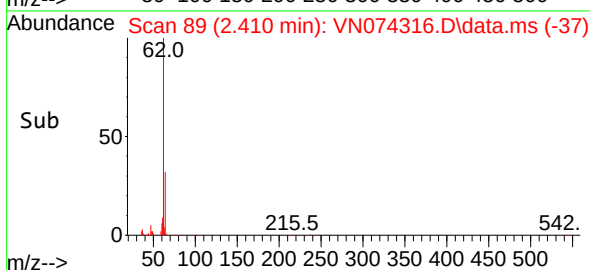
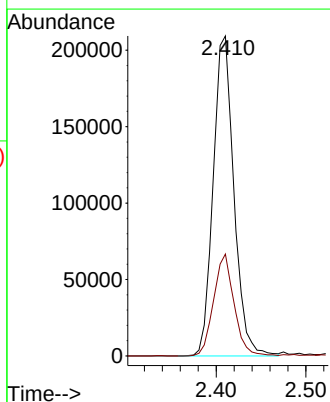
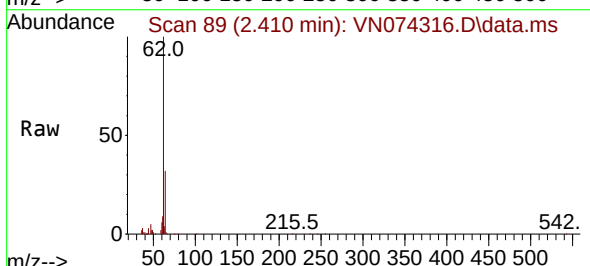
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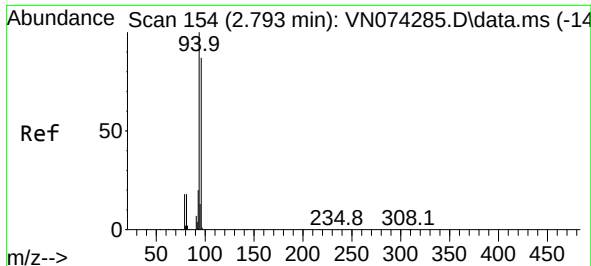
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#4
Vinyl Chloride
Concen: 41.184 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Tgt Ion: 62 Resp: 335858
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





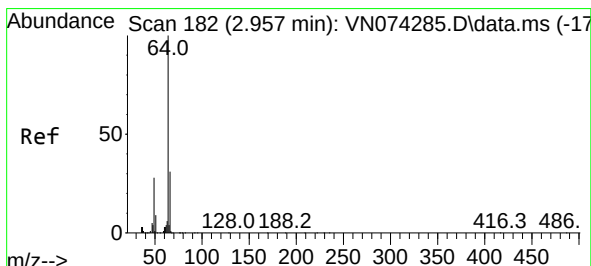
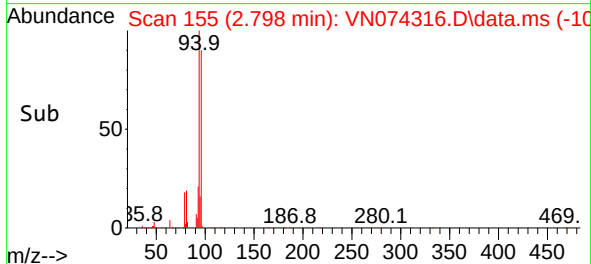
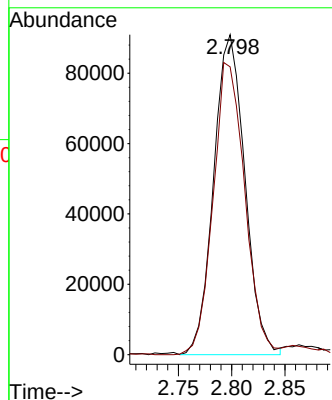
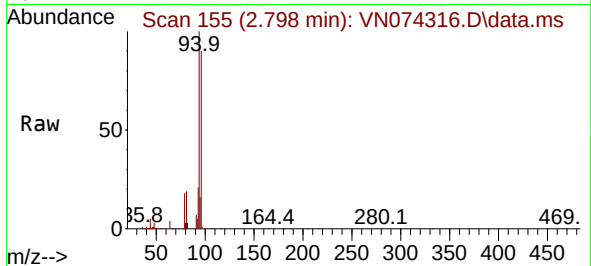
#5
Bromomethane
Concen: 33.804 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
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Tgt Ion: 94 Resp: 18532
Ion Ratio Lower Upper
94 100
96 89.7 76.0 114.0

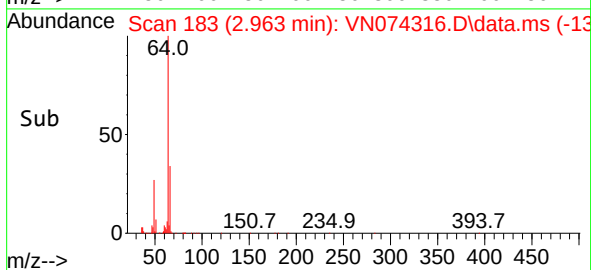
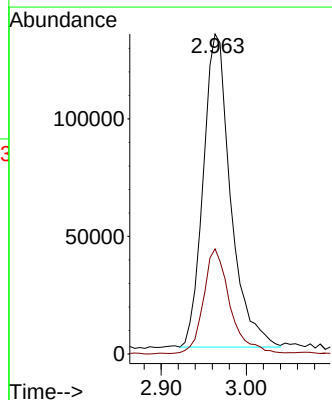
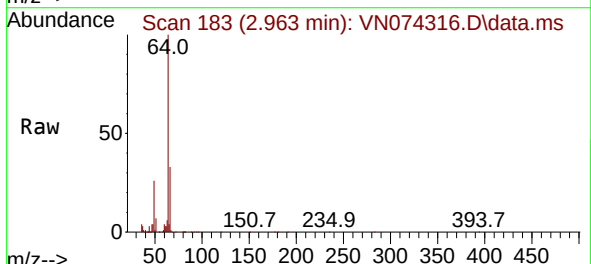
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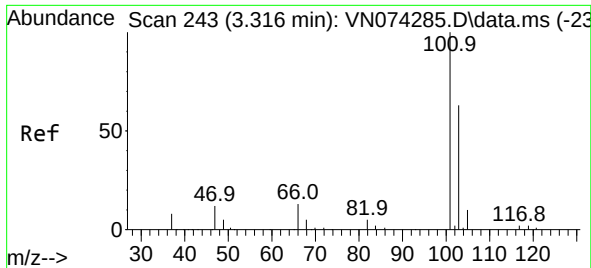
Reviewed By :John Carlone 09/06/2022
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#6
Chloroethane
Concen: 46.351 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

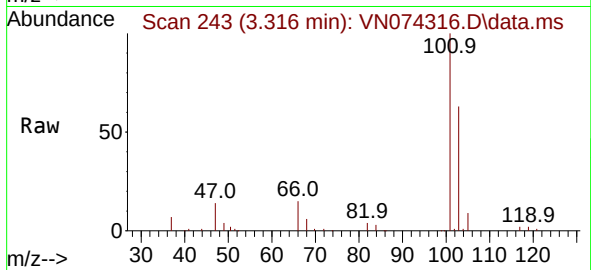
Tgt Ion: 64 Resp: 297684
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 45.338 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

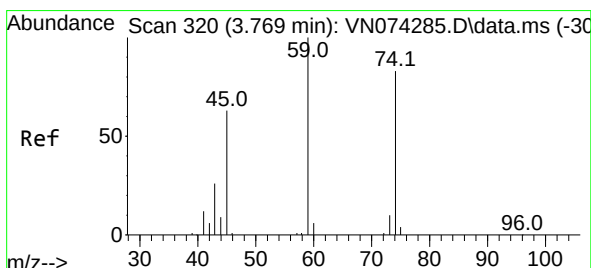
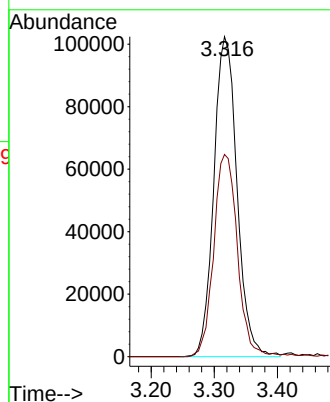
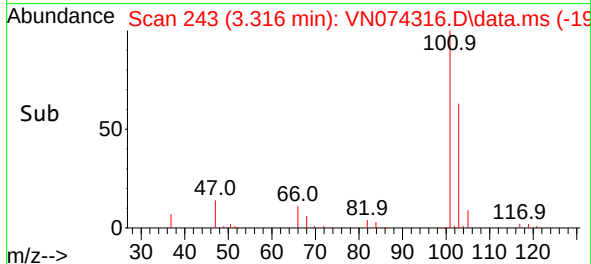
Instrument :
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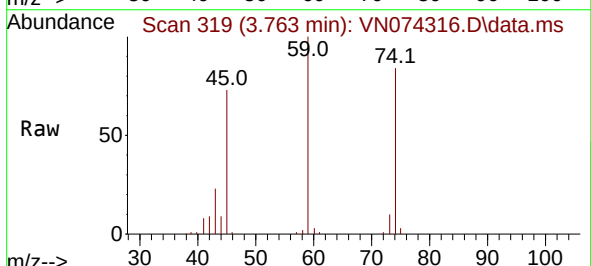
Tgt Ion:101 Resp: 261318
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

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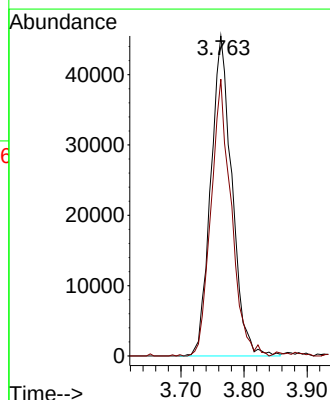
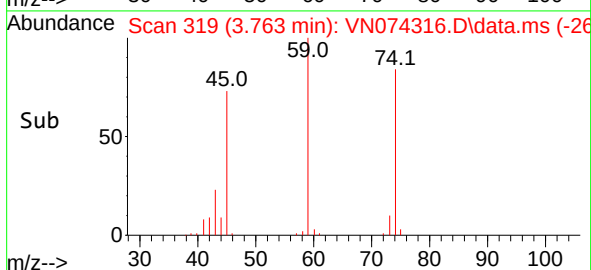
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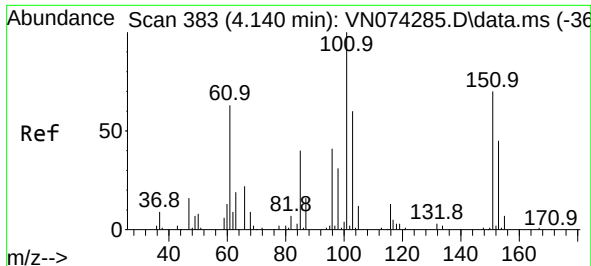


#8
Diethyl Ether
Concen: 45.210 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion: 74 Resp: 106100
Ion Ratio Lower Upper
74 100
45 82.4 42.9 128.5





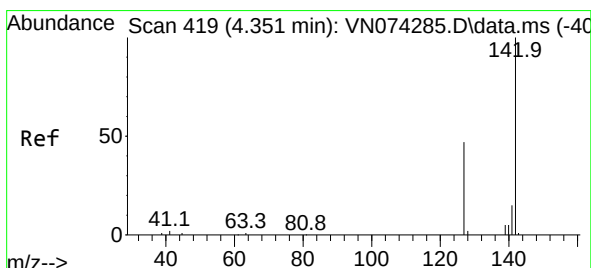
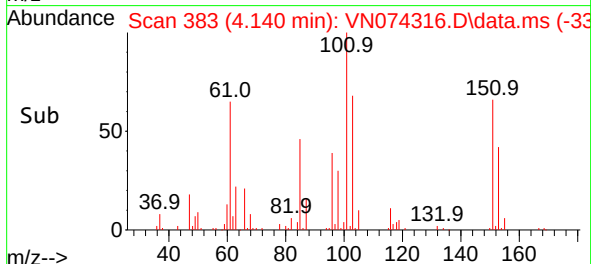
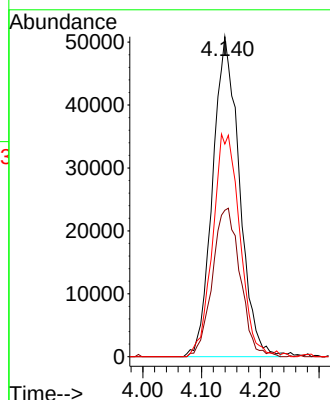
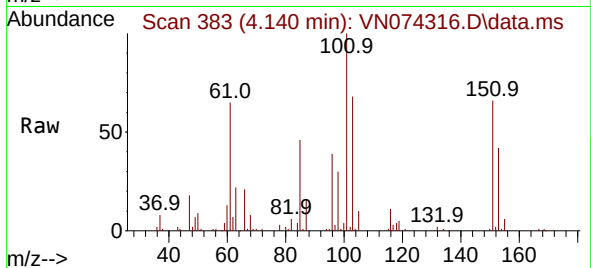
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.976 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 160694
Ion Ratio Lower Upper
101 100
85 48.2 34.7 52.1
151 70.7 63.0 94.4

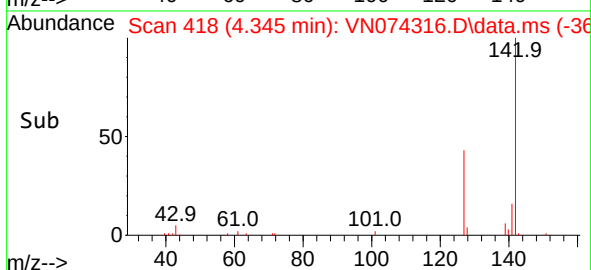
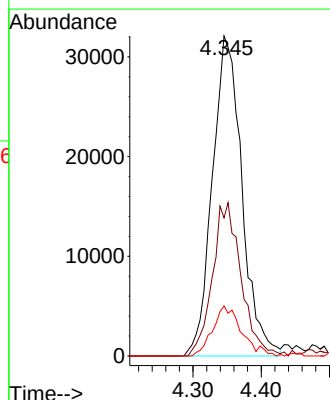
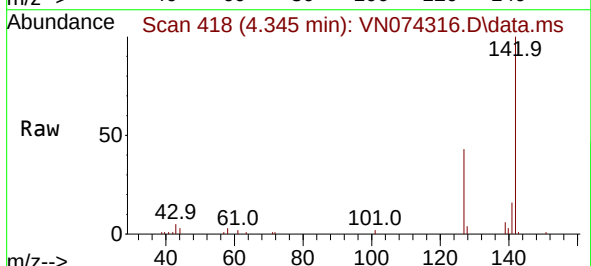
Manual Integrations
APPROVED

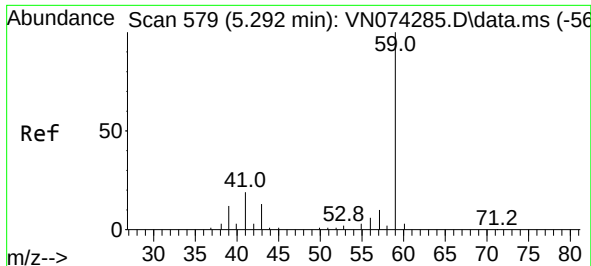
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#10
Methyl Iodide
Concen: 40.300 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.001 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

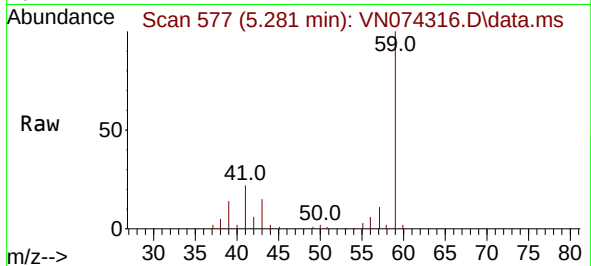
Tgt Ion:142 Resp: 96655
Ion Ratio Lower Upper
142 100
127 46.4 31.3 46.9
141 15.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 208.693 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

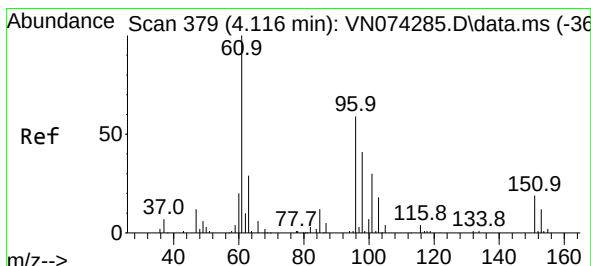
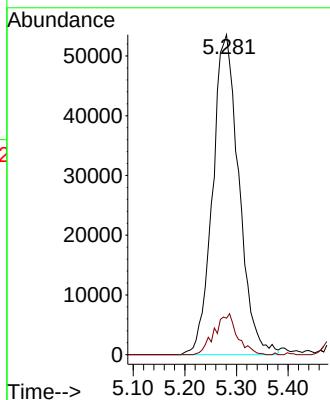
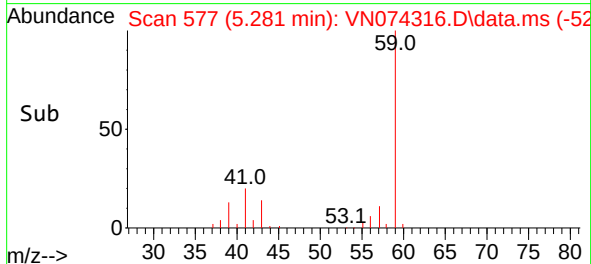
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



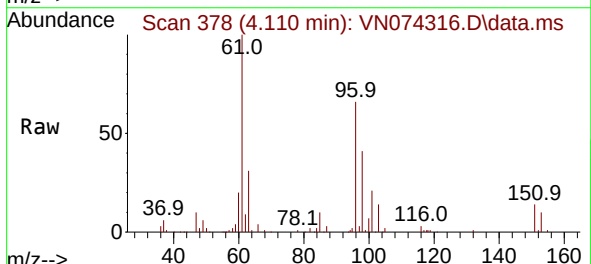
Tgt Ion: 59 Resp: 189310
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

Manual Integrations
APPROVED

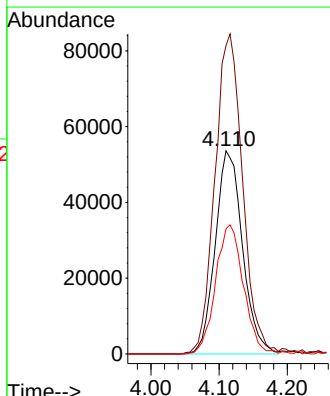
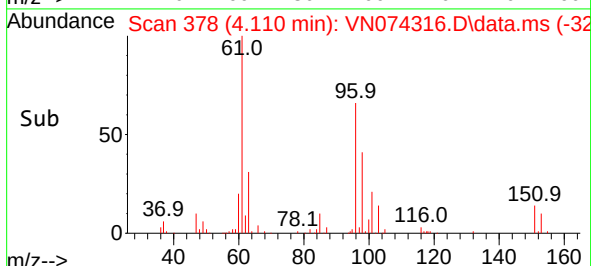
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

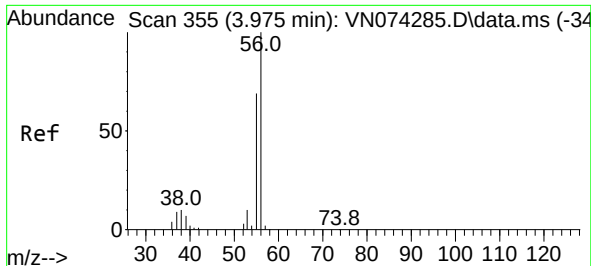


#12
1,1-Dichloroethene
Concen: 47.248 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



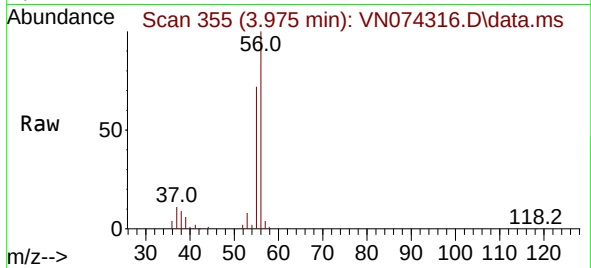
Tgt Ion: 96 Resp: 149182
Ion Ratio Lower Upper
96 100
61 151.9 127.6 191.4
98 61.6 51.2 76.8





#13
Acrolein
Concen: 252.225 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

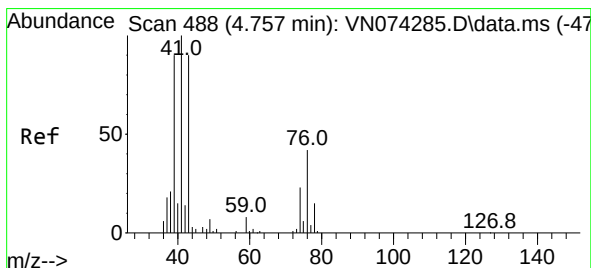
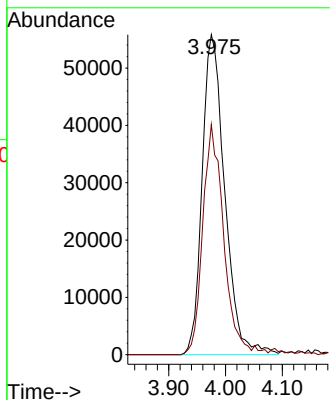
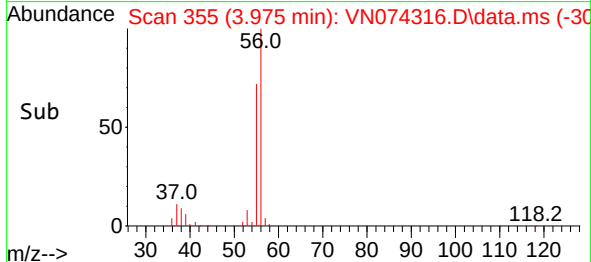
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 153998
Ion Ratio Lower Upper
56 100
55 66.8 54.8 82.2

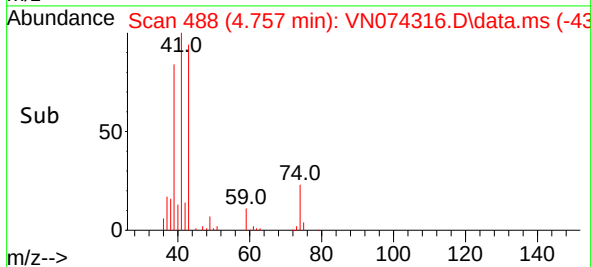
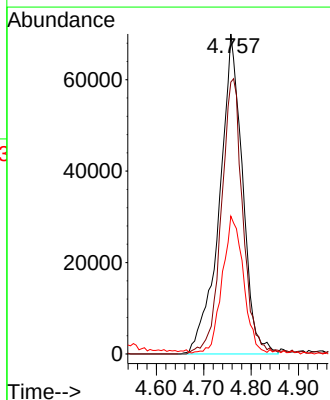
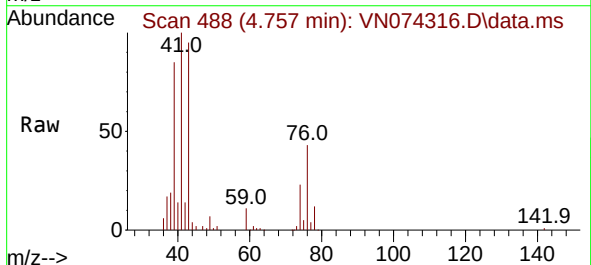
Manual Integrations
APPROVED

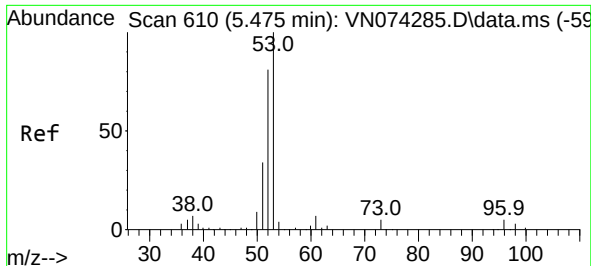
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#14
Allyl chloride
Concen: 46.718 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

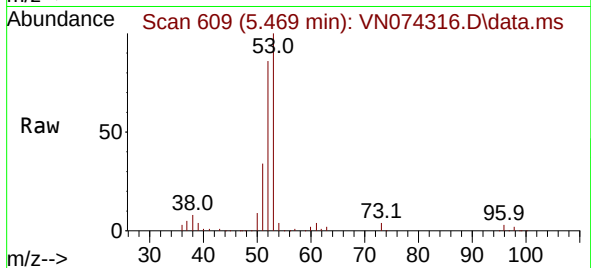
Tgt Ion: 41 Resp: 237213
Ion Ratio Lower Upper
41 100
39 80.4 53.2 79.8#
76 38.9 29.9 44.9





#15
Acrylonitrile
Concen: 231.955 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

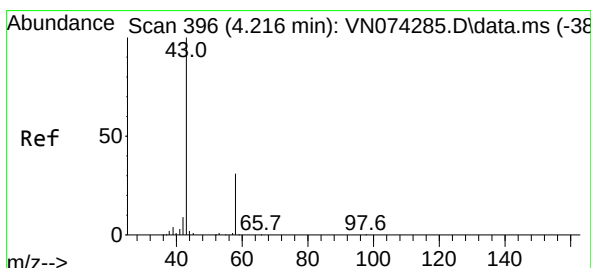
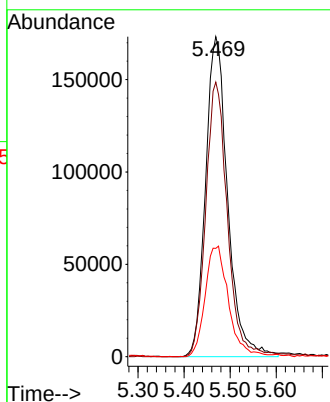
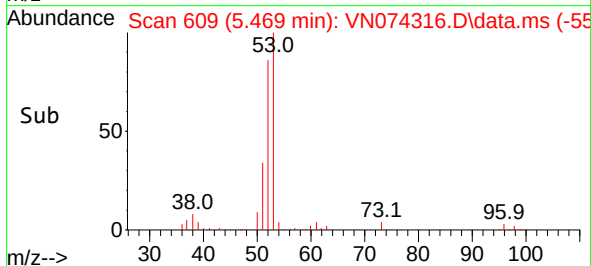
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 57869
Ion Ratio Lower Upper
53 100
52 84.5 66.4 99.6
51 36.6 28.5 42.7

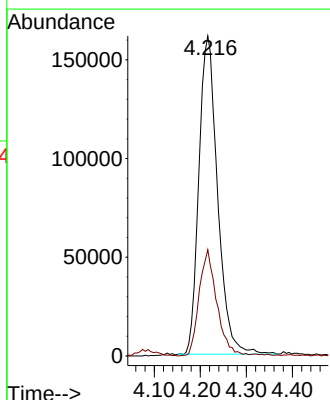
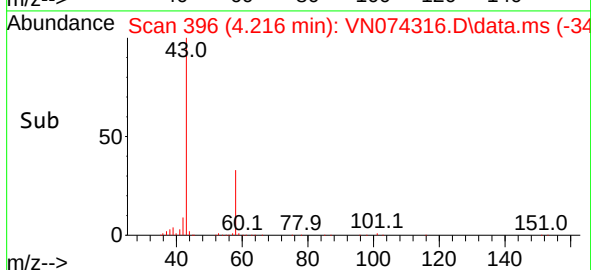
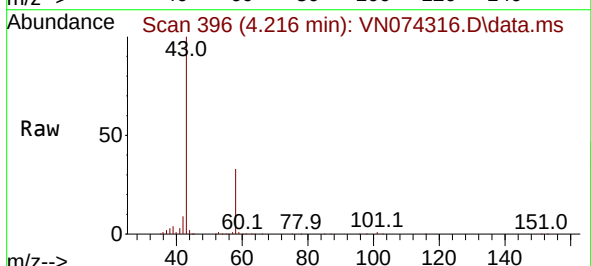
Manual Integrations
APPROVED

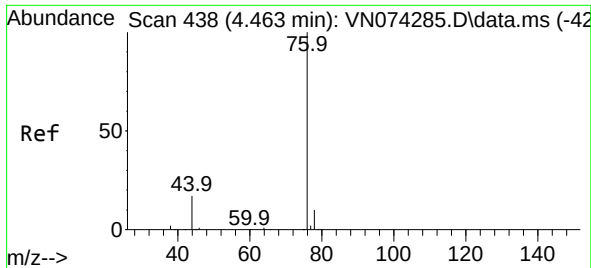
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#16
Acetone
Concen: 218.624 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Tgt Ion: 43 Resp: 456866
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0





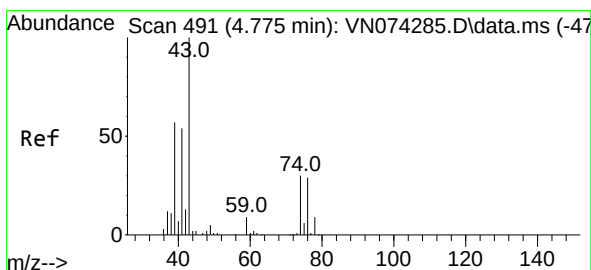
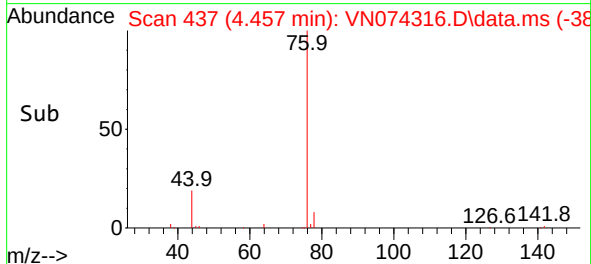
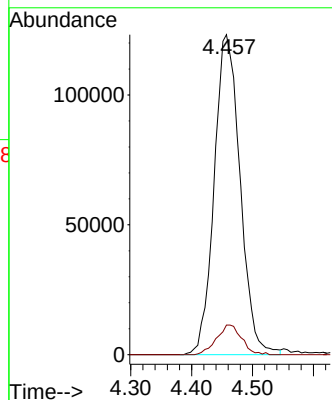
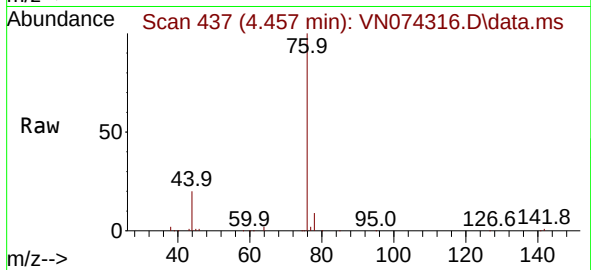
#17
Carbon Disulfide
Concen: 46.176 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 364108
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

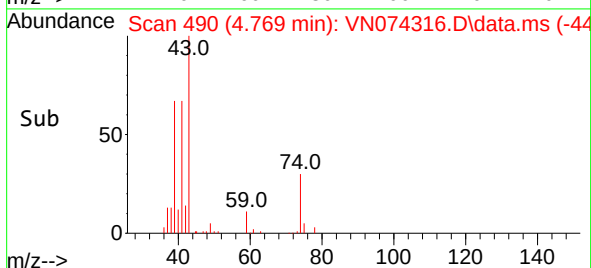
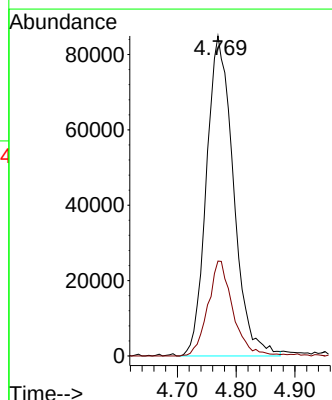
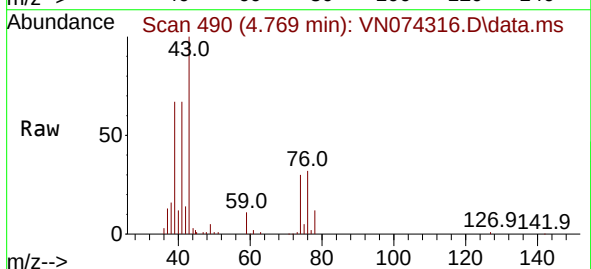
Manual Integrations
APPROVED

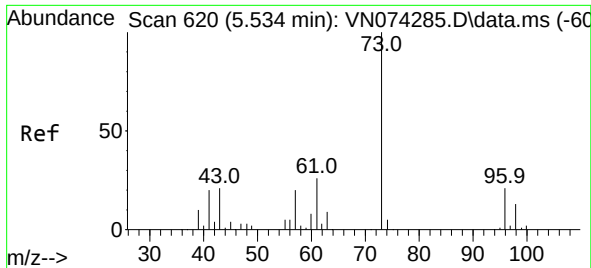
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#18
Methyl Acetate
Concen: 43.081 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

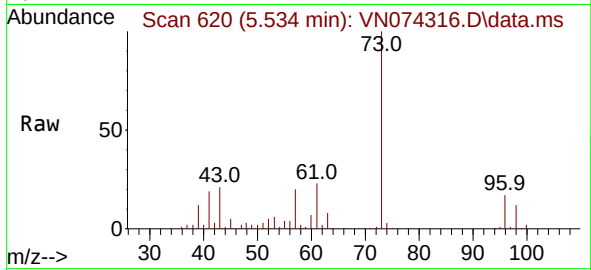
Tgt Ion: 43 Resp: 270952
Ion Ratio Lower Upper
43 100
74 27.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 48.496 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

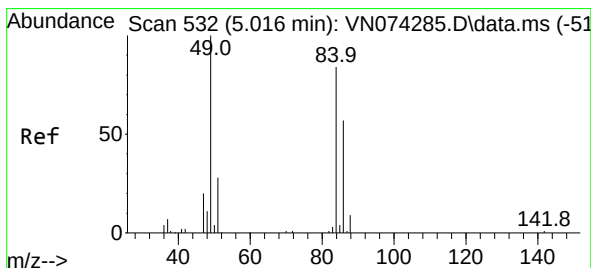
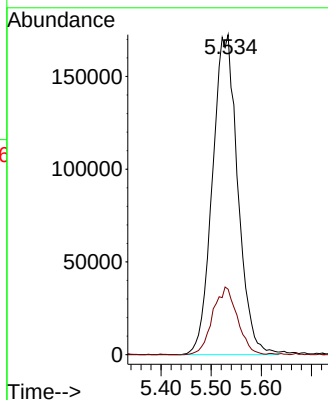
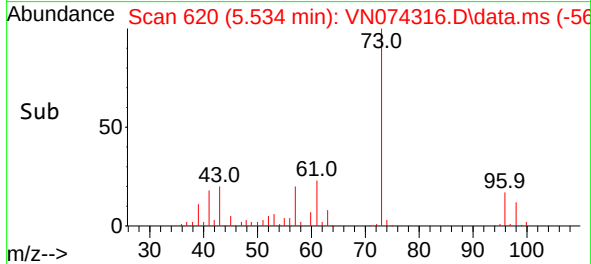
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



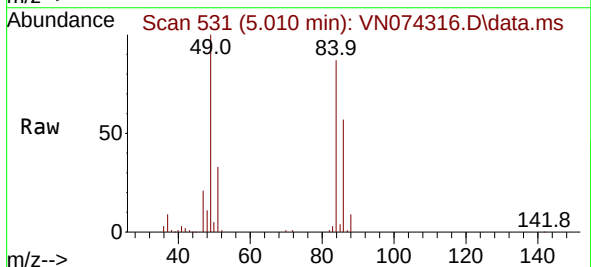
Tgt Ion: 73 Resp: 606924
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4

Manual Integrations
APPROVED

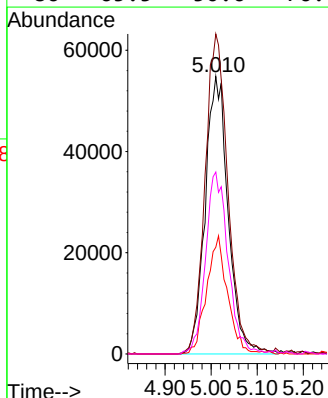
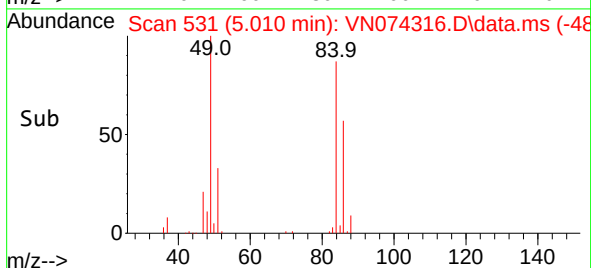
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

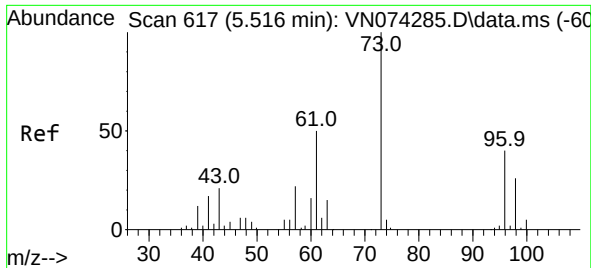


#20
Methylene Chloride
Concen: 49.468 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



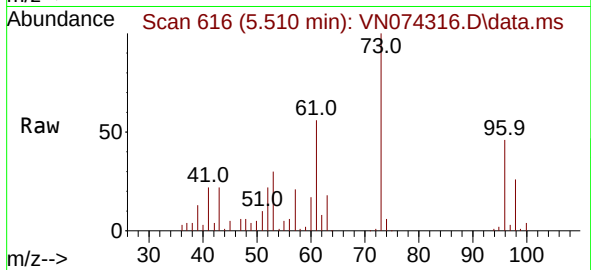
Tgt Ion: 84 Resp: 190228
Ion Ratio Lower Upper
84 100
49 115.3 88.3 132.5
51 38.4 28.2 42.2
86 65.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.468 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

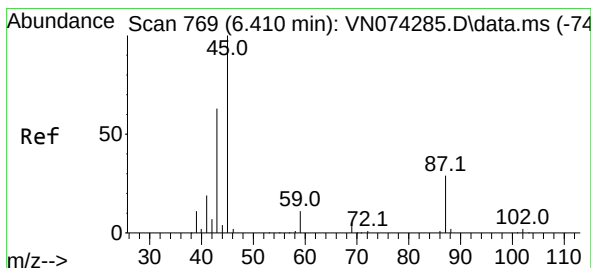
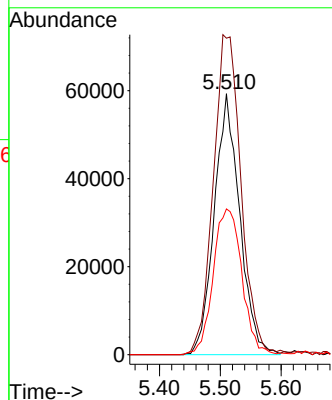
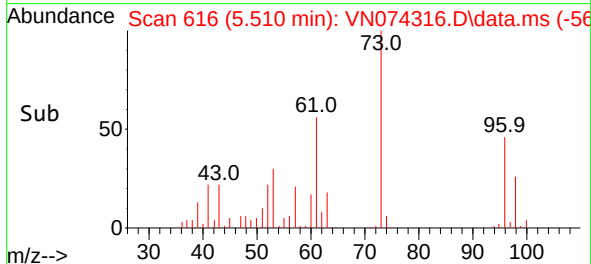
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 171792
Ion Ratio Lower Upper
96 100
61 121.3 105.8 158.8
98 55.9 50.3 75.5

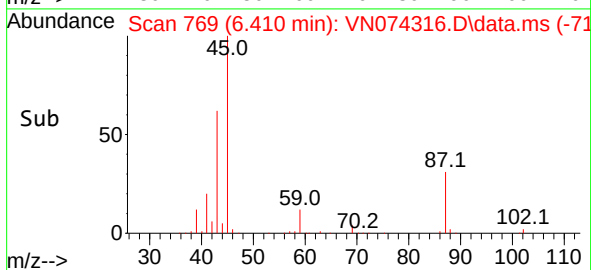
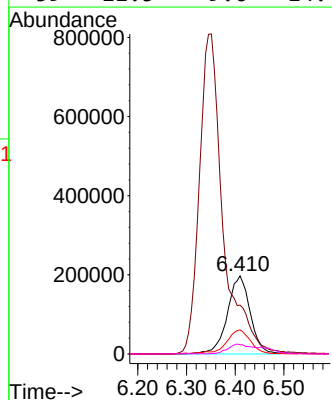
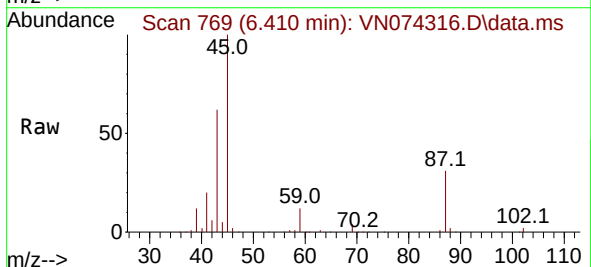
Manual Integrations
APPROVED

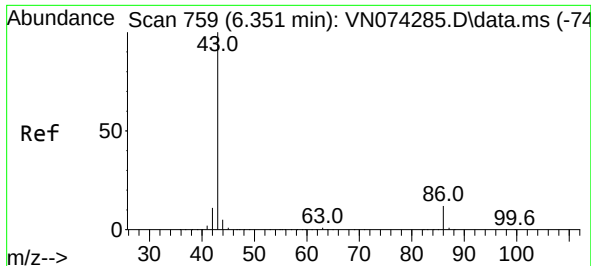
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#22
Diisopropyl ether
Concen: 53.668 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

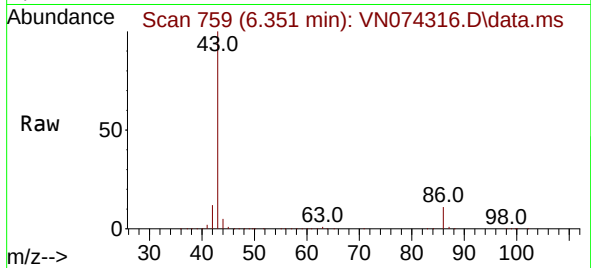
Tgt Ion: 45 Resp: 639764
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 30.3 24.3 36.5
59 11.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 264.781 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074316.D
 Acq: 03 Sep 2022 14:20

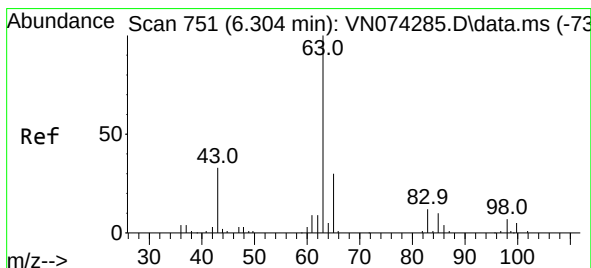
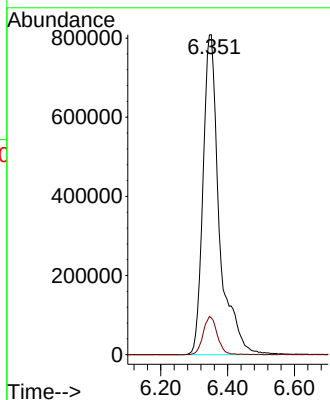
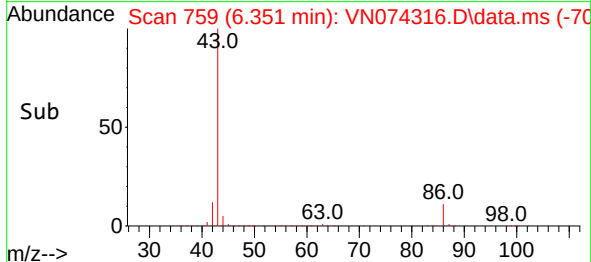
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



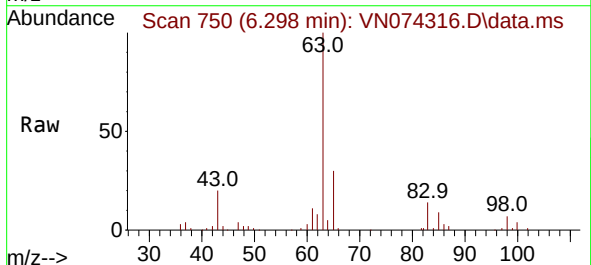
Tgt Ion: 43 Resp: 2743440
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.0 15.0

Manual Integrations
 APPROVED

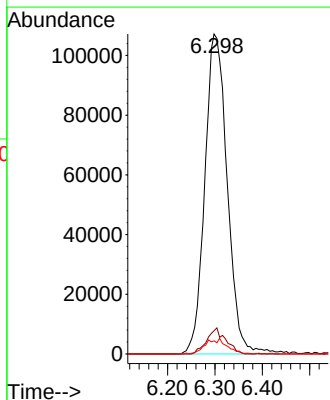
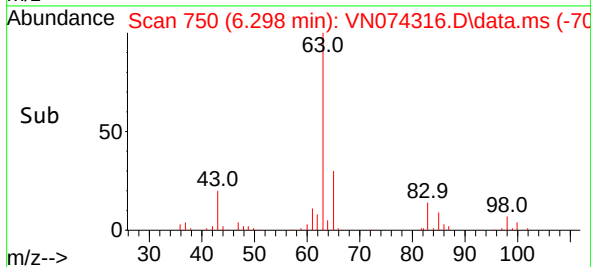
Reviewed By :John Carlone 09/06/2022
 Supervised By :Mahesh Dadoda 09/07/2022

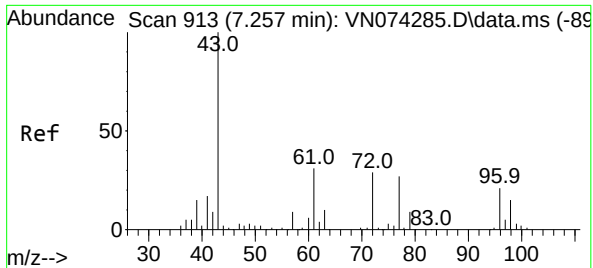


#24
 1,1-Dichloroethane
 Concen: 49.073 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074316.D
 Acq: 03 Sep 2022 14:20



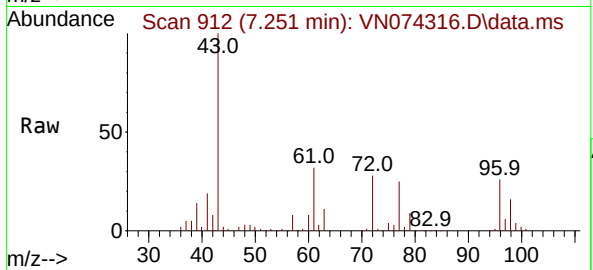
Tgt Ion: 63 Resp: 352358
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 241.016 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

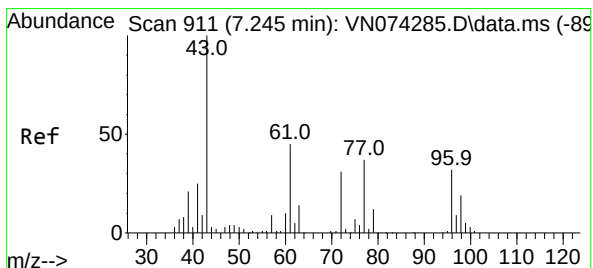
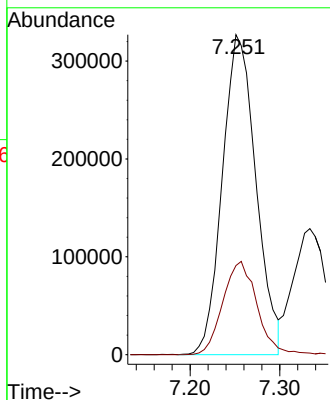
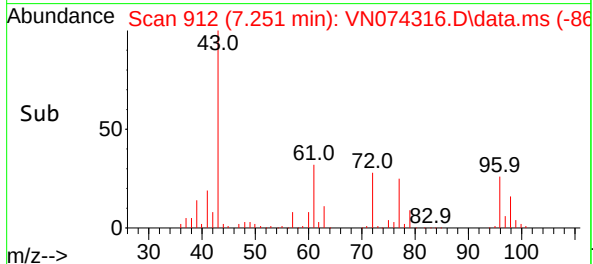
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



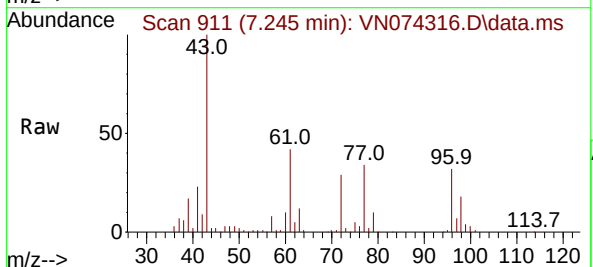
Tgt Ion: 43 Resp: 85050
Ion Ratio Lower Upper
43 100
72 27.9 23.7 35.5

Manual Integrations
APPROVED

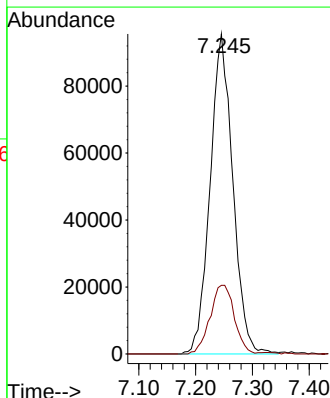
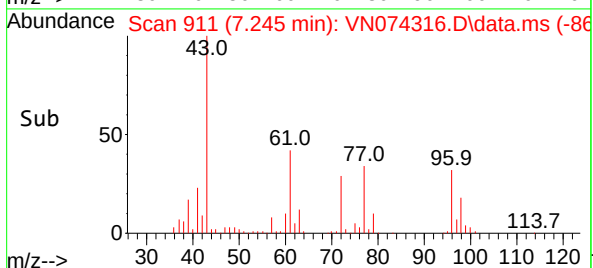
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

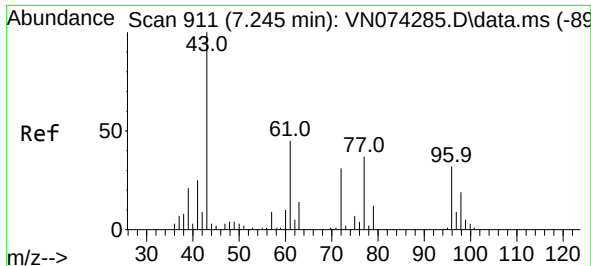


#26
2,2-Dichloropropane
Concen: 45.455 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



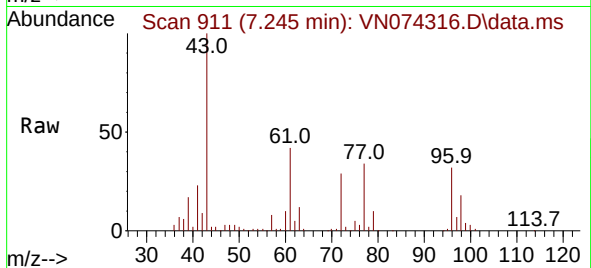
Tgt Ion: 77 Resp: 265172
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.253 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074316.D
 Acq: 03 Sep 2022 14:20

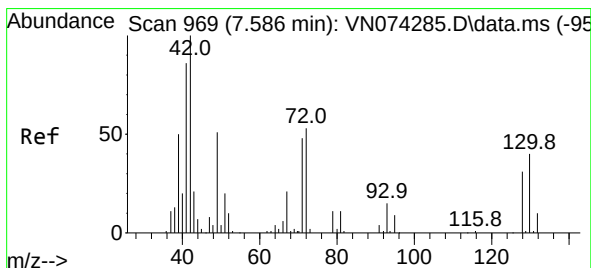
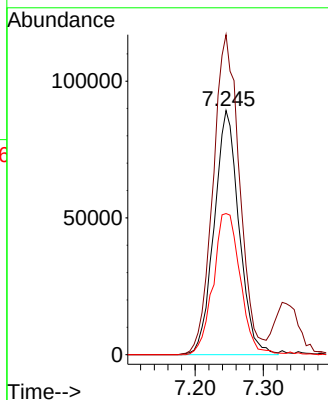
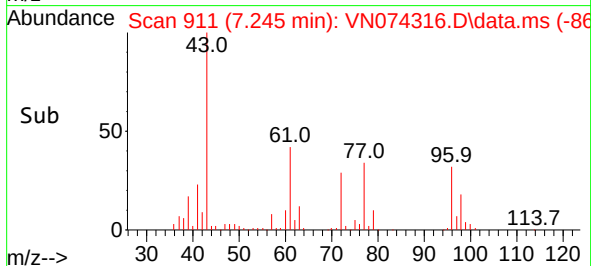
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 22674
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 280.6
 98 62.9 0.0 128.4

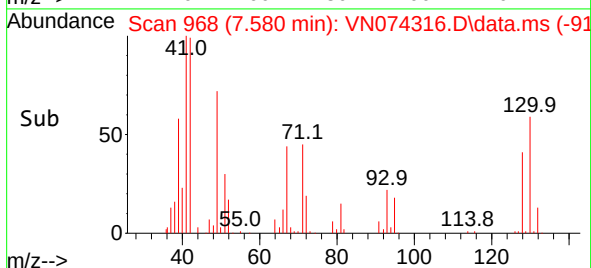
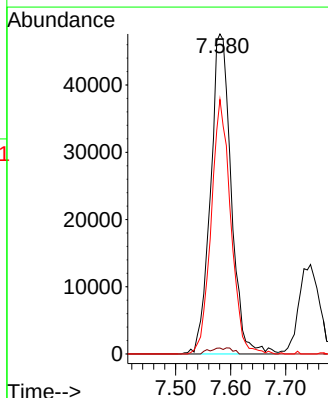
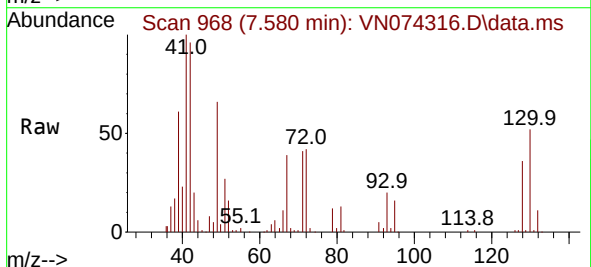
Manual Integrations
 APPROVED

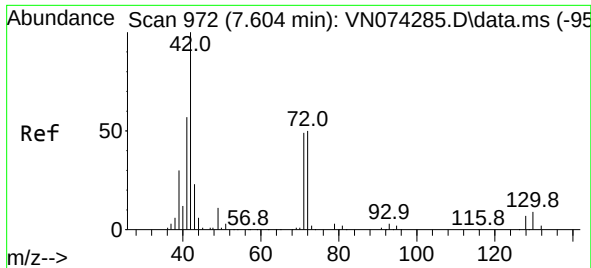
Reviewed By :John Carlone 09/06/2022
 Supervised By :Mahesh Dadoda 09/07/2022



#28
 Bromochloromethane
 Concen: 50.160 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN074316.D
 Acq: 03 Sep 2022 14:20

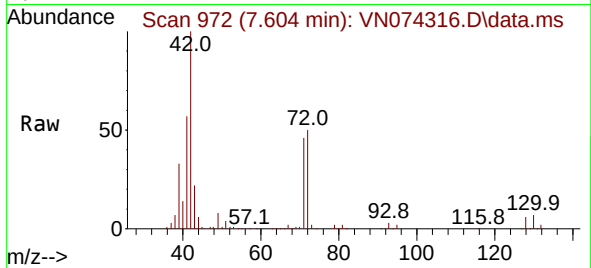
Tgt Ion: 49 Resp: 124838
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 74.9 69.7 104.5





#29
Tetrahydrofuran
Concen: 257.981 ug/l
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

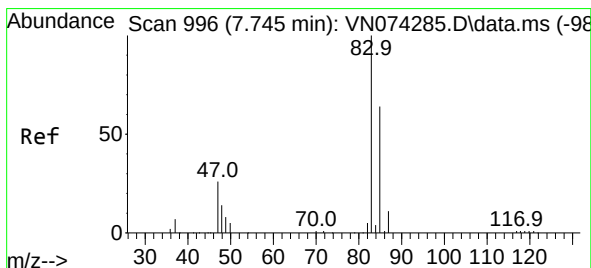
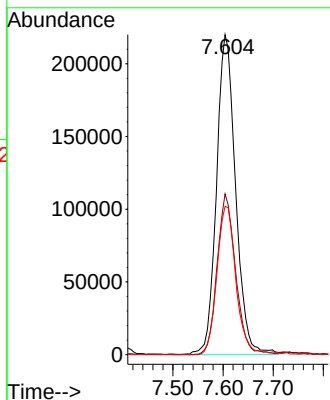
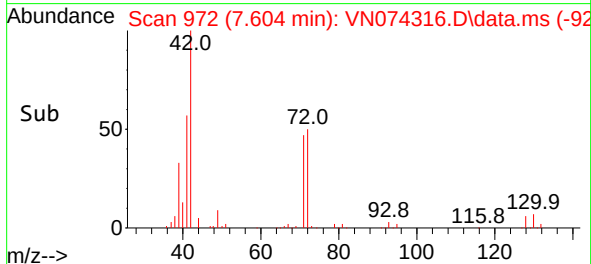
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



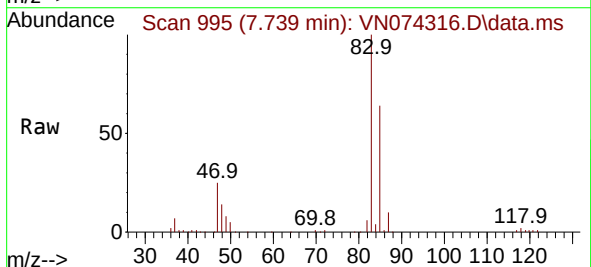
Tgt Ion: 42 Resp: 58086
Ion Ratio Lower Upper
42 100
72 48.7 39.7 59.5
71 46.4 36.6 55.0

Manual Integrations
APPROVED

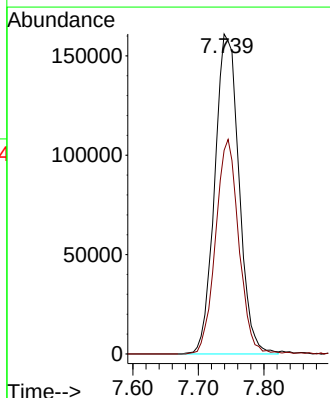
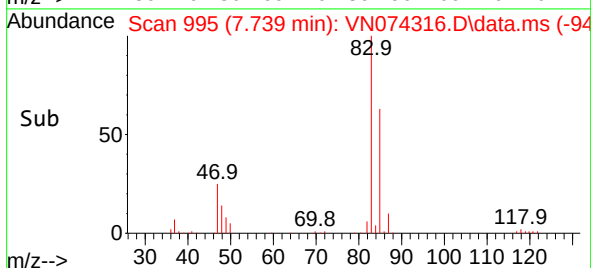
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

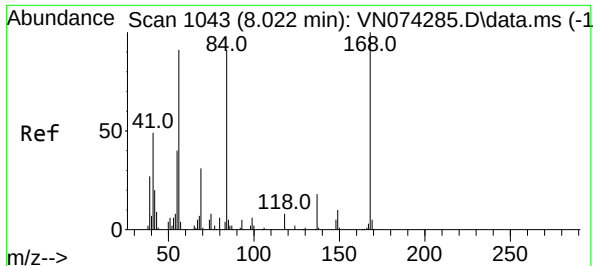


#30
Chloroform
Concen: 52.028 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion: 83 Resp: 413247
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8





#31

Cyclohexane

Concen: 48.804 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 32592

Ion Ratio Lower Upper

56 100

69 31.0 27.8 41.8

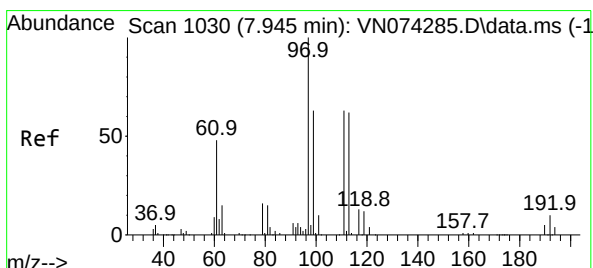
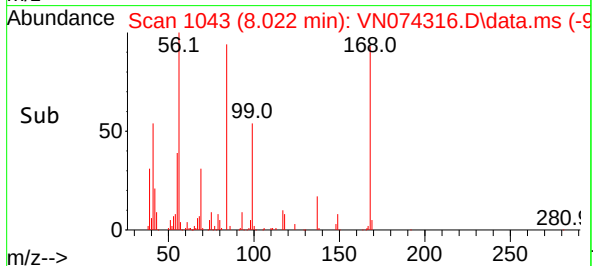
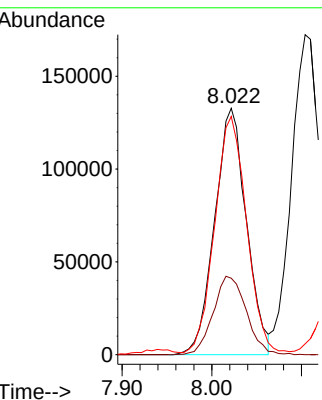
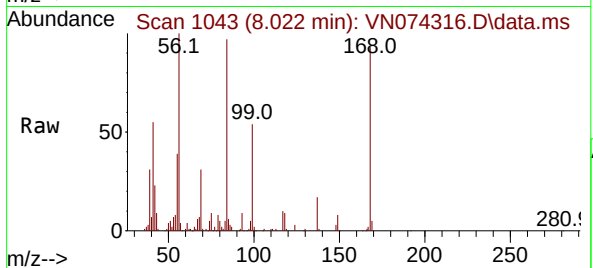
84 94.7 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#32

1,1,1-Trichloroethane

Concen: 52.050 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

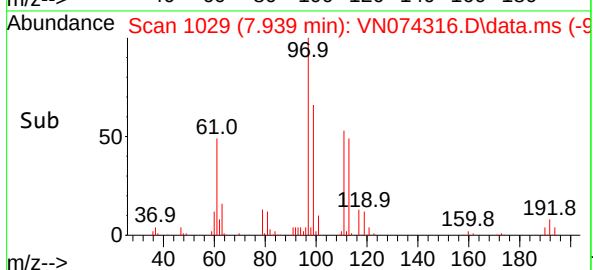
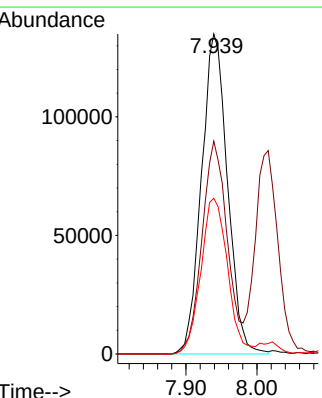
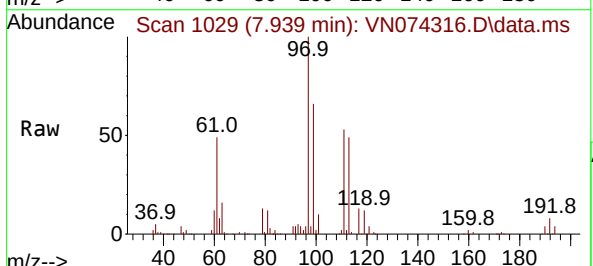
Tgt Ion: 97 Resp: 342913

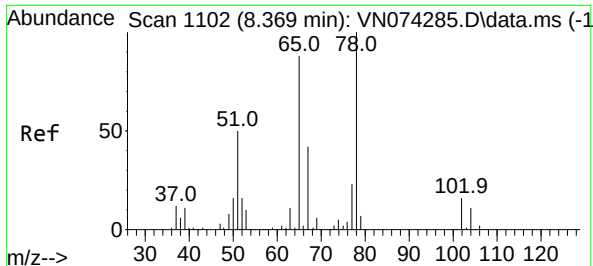
Ion Ratio Lower Upper

97 100

99 64.9 50.6 76.0

61 50.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.173 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 24587

Ion Ratio Lower Upper

65 100

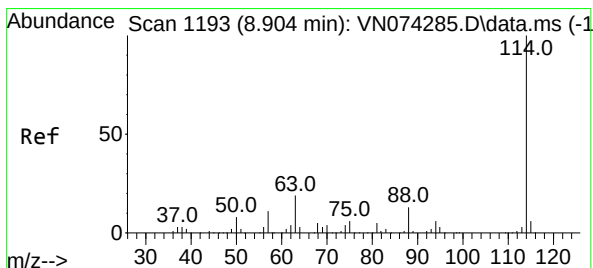
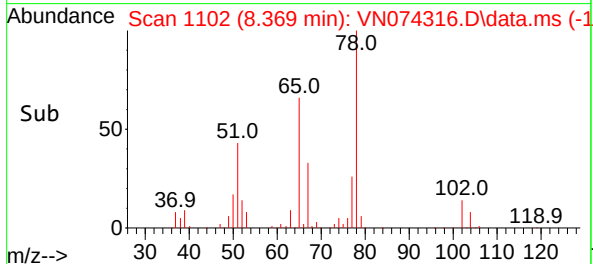
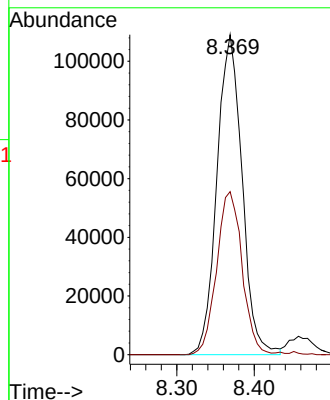
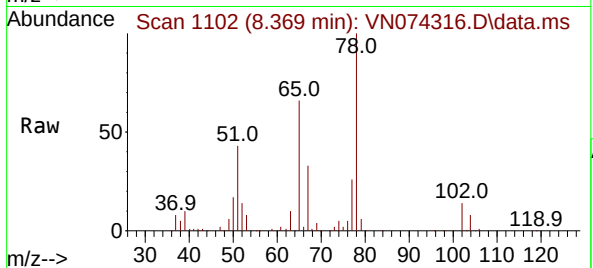
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

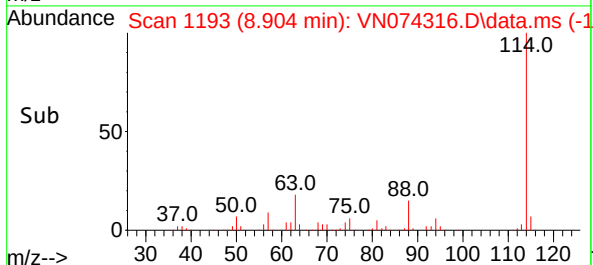
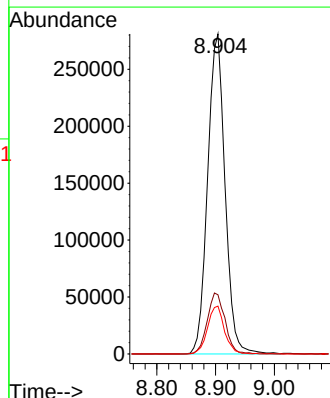
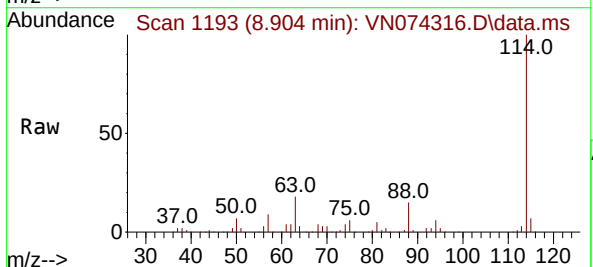
Tgt Ion:114 Resp: 577159

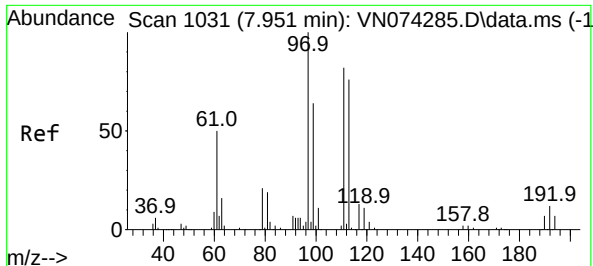
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.302 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

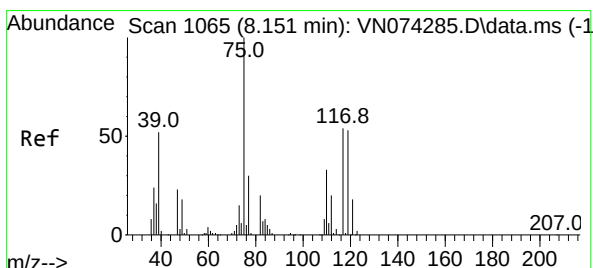
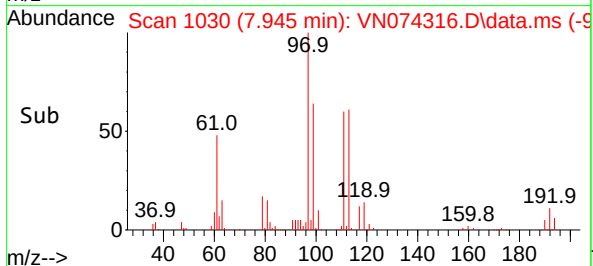
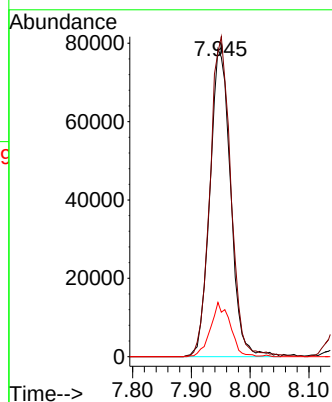
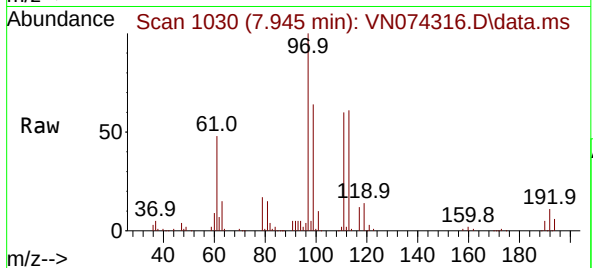
Tgt Ion:	113	Resp:	192384
Ion Ratio	Lower	Upper	
113	100		
111	104.7	81.4	122.0
192	16.9	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#36

1,1-Dichloropropene

Concen: 53.006 ug/l

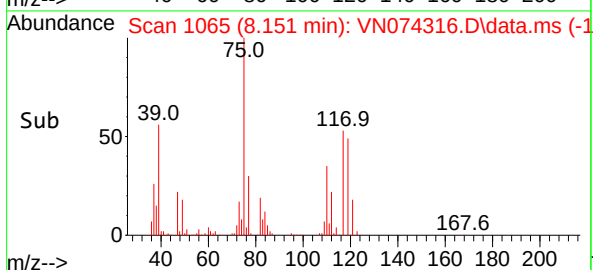
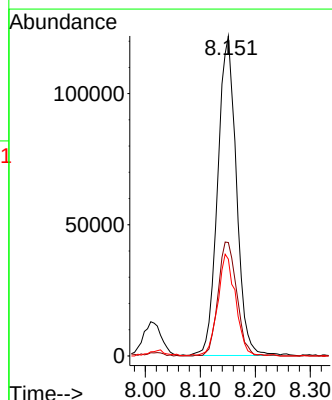
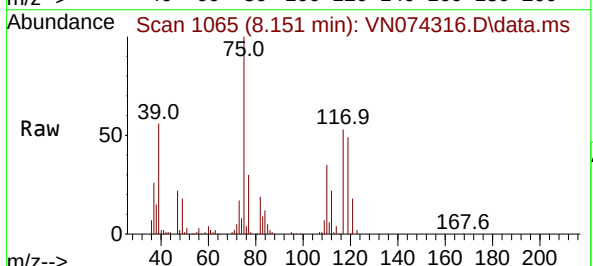
RT: 8.151 min Scan# 1065

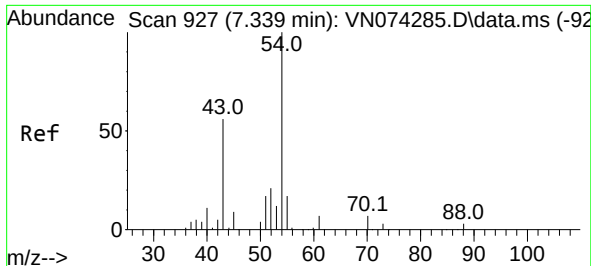
Delta R.T. -0.006 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Tgt Ion:	75	Resp:	287722
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.3	54.8
77	30.3	25.1	37.7





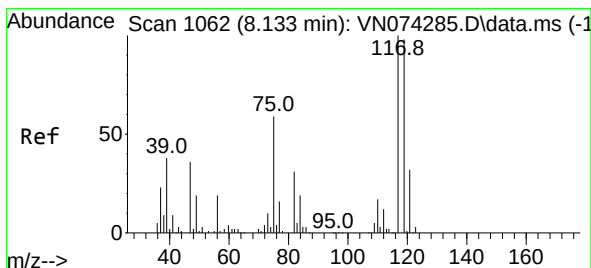
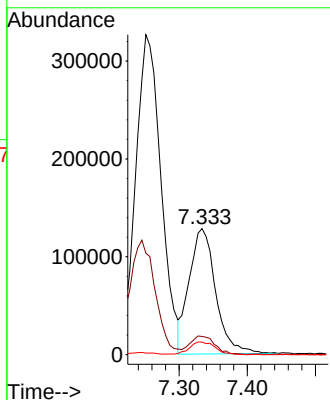
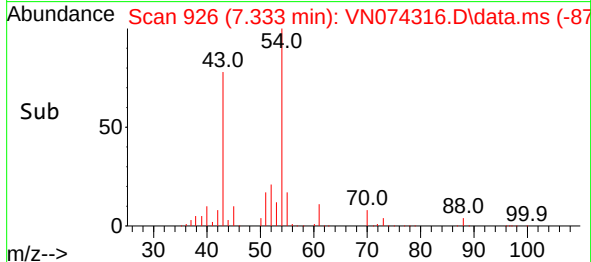
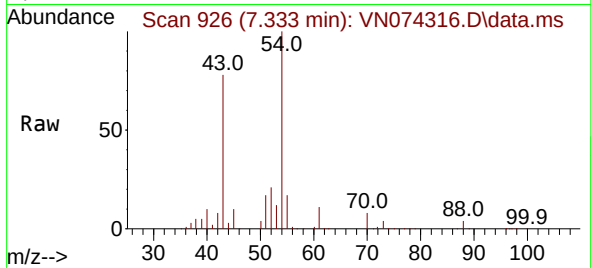
#37
Ethyl Acetate
Concen: 48.849 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 34680
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 9.9 9.3 13.9

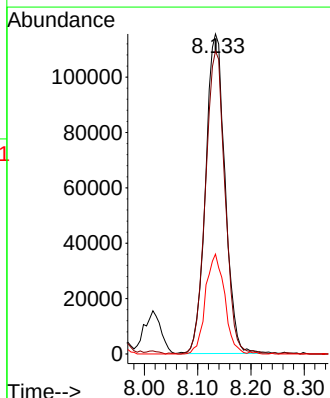
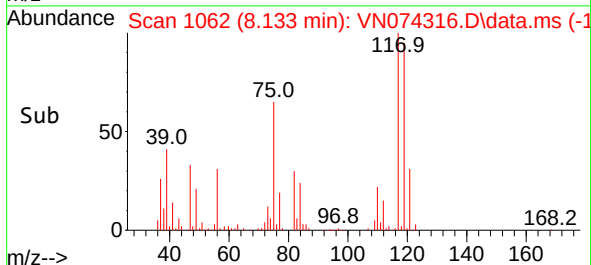
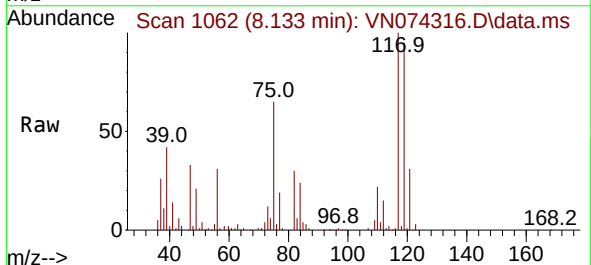
Manual Integrations
APPROVED

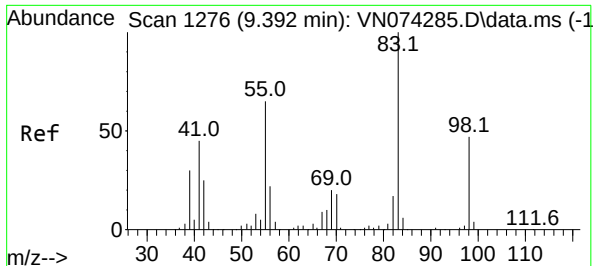
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#38
Carbon Tetrachloride
Concen: 53.235 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Tgt Ion:117 Resp: 291921
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
121 31.3 24.6 37.0





#39

Methylcyclohexane

Concen: 54.216 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 354574

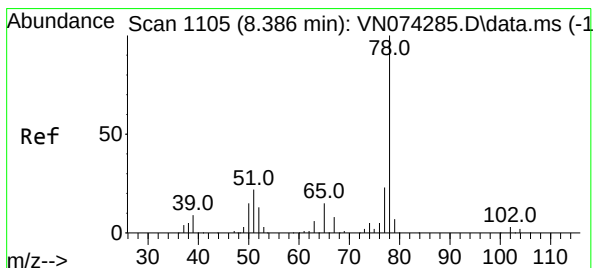
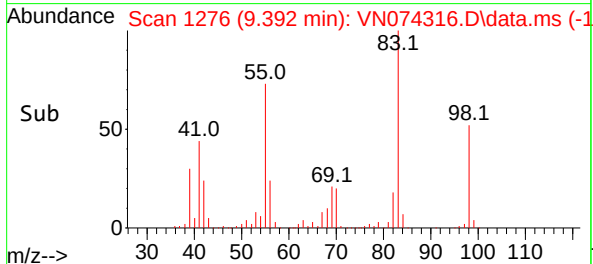
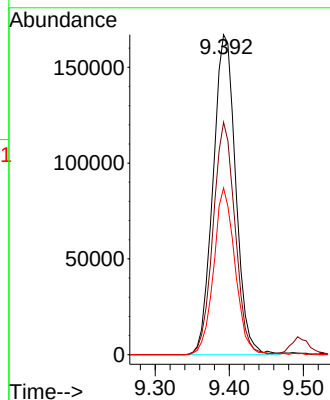
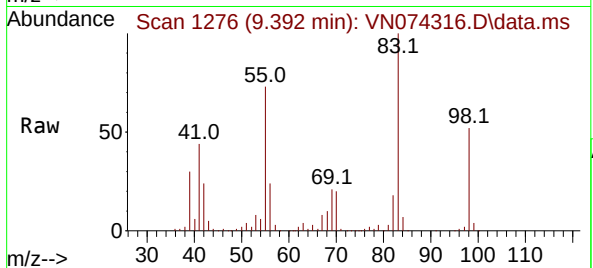
Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.8	86.8
98	52.1	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#40

Benzene

Concen: 53.096 ug/l

RT: 8.386 min Scan# 1105

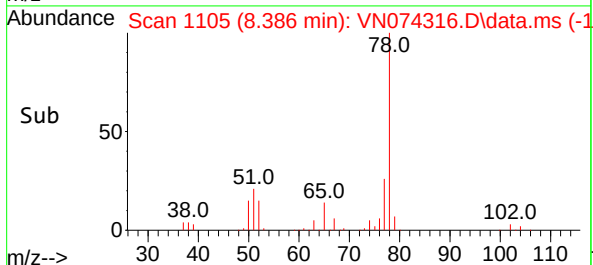
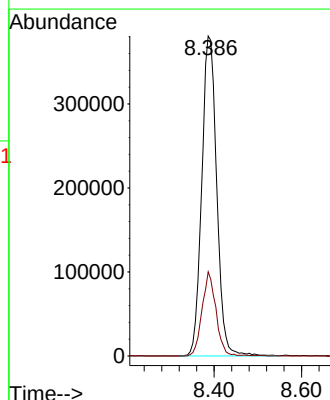
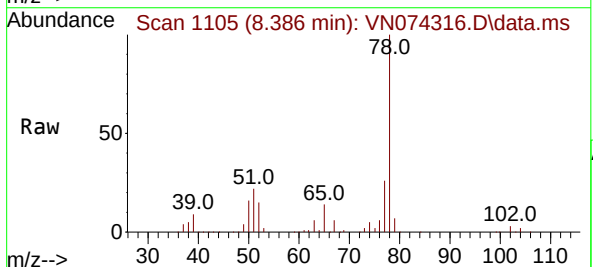
Delta R.T. -0.006 min

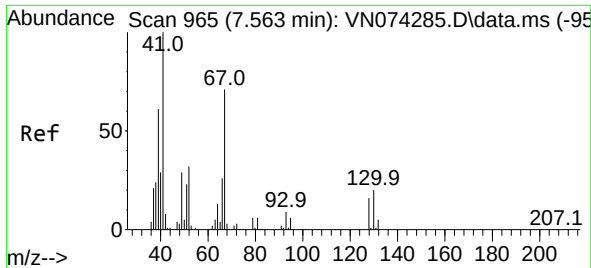
Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Tgt Ion: 78 Resp: 909218

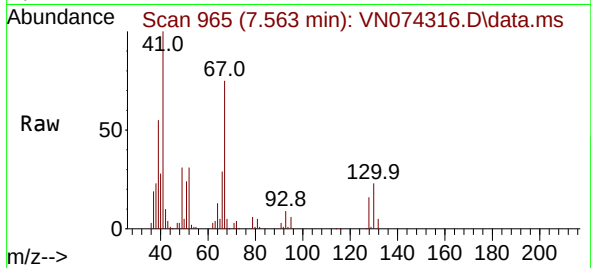
Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.4	29.0





#41
Methacrylonitrile
Concen: 51.976 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

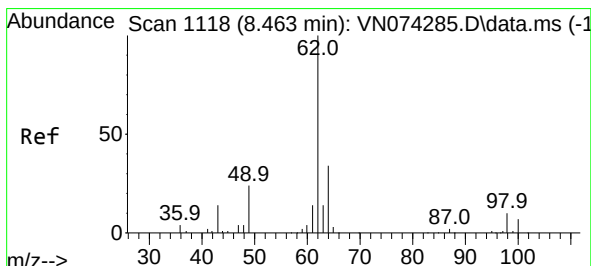
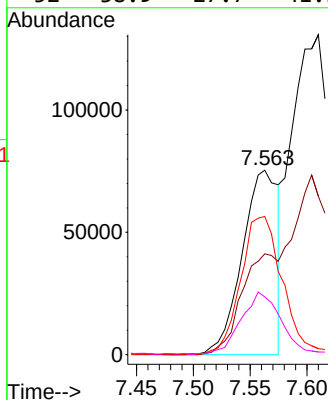
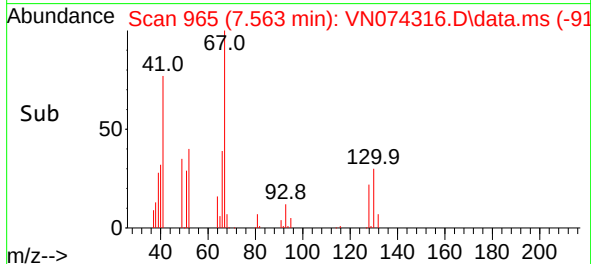
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



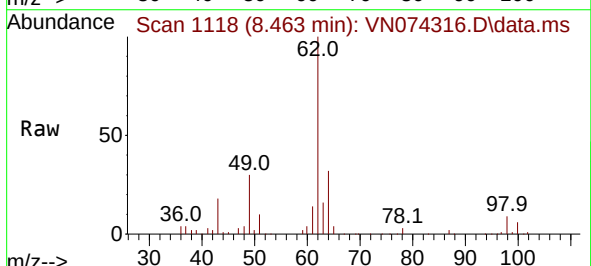
Tgt Ion: 41 Resp: 165959
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0
67 87.5 73.4 110.2
52 38.9 27.7 41.5

Manual Integrations
APPROVED

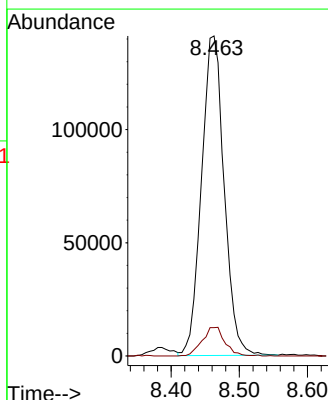
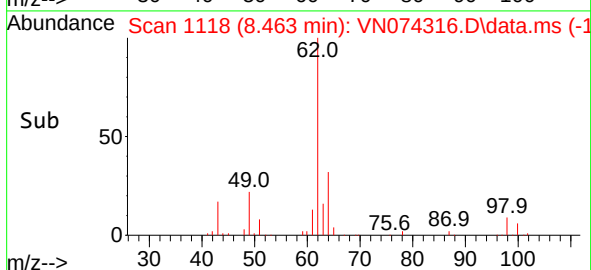
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

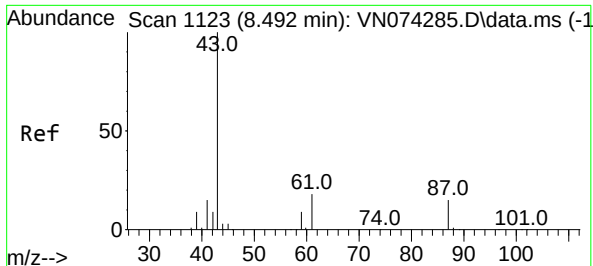


#42
1,2-Dichloroethane
Concen: 51.227 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion: 62 Resp: 326308
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





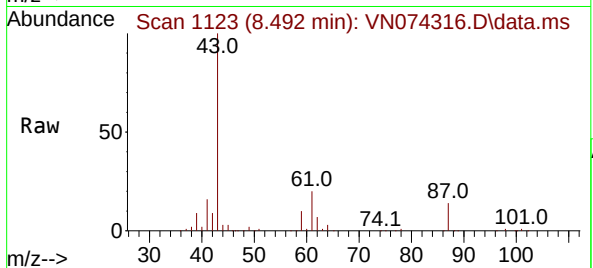
#43
Isopropyl Acetate
Concen: 52.135 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



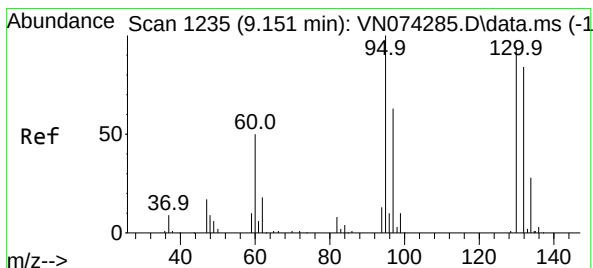
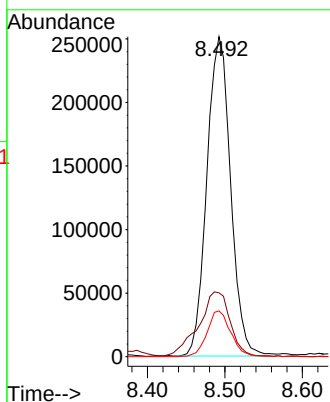
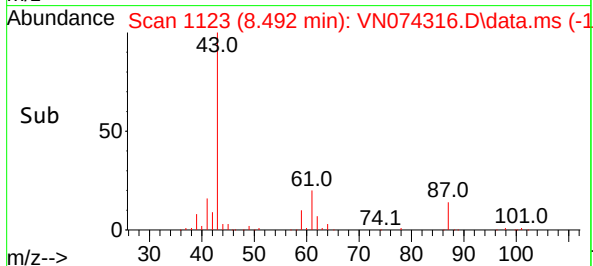
Tgt Ion: 43 Resp: 53786
Ion Ratio Lower Upper
43 100
61 26.9 21.9 32.9
87 14.3 12.0 18.0

Manual Integrations

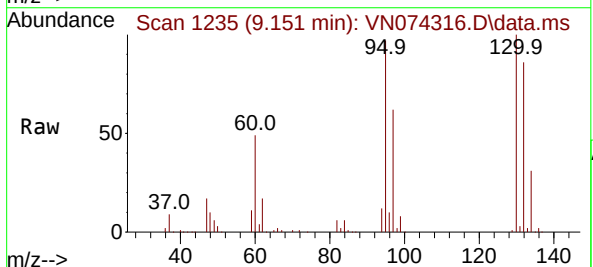
APPROVED

Reviewed By :John Carlone 09/06/2022

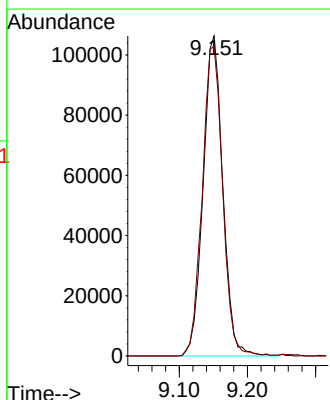
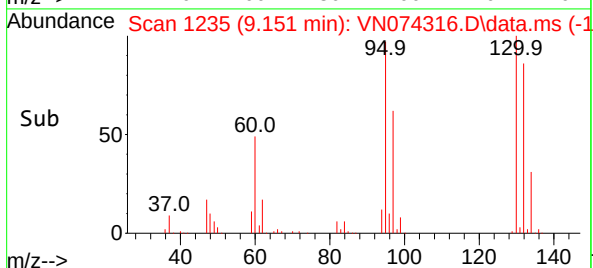
Supervised By :Mahesh Dadoda 09/07/2022

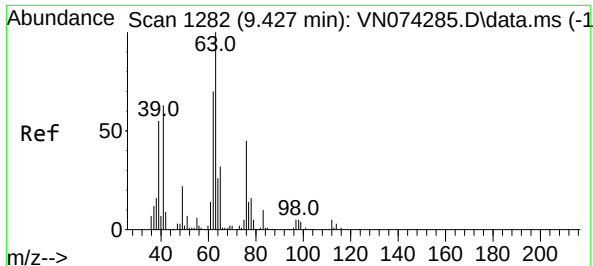


#44
Trichloroethene
Concen: 52.314 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion:130 Resp: 213190
Ion Ratio Lower Upper
130 100
95 96.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.575 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 232460

Ion Ratio Lower Upper

63 100

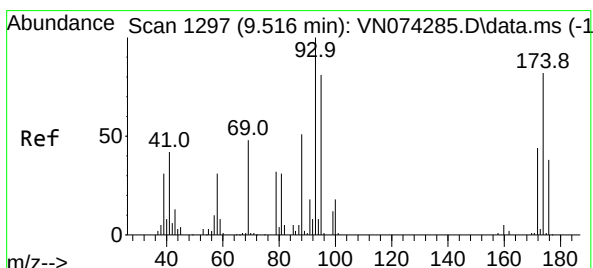
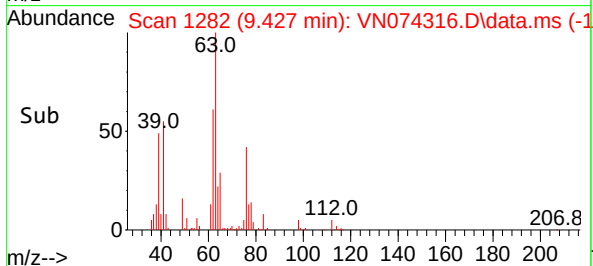
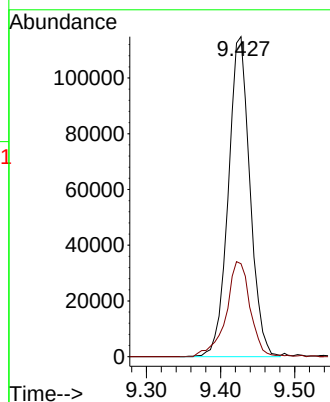
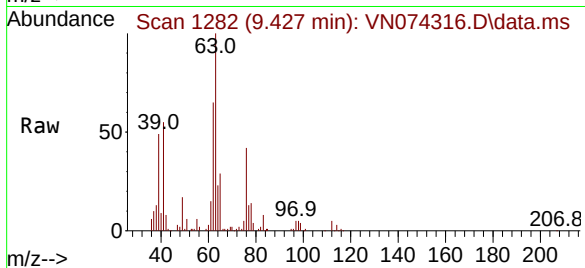
65 29.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#46

Dibromomethane

Concen: 51.786 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

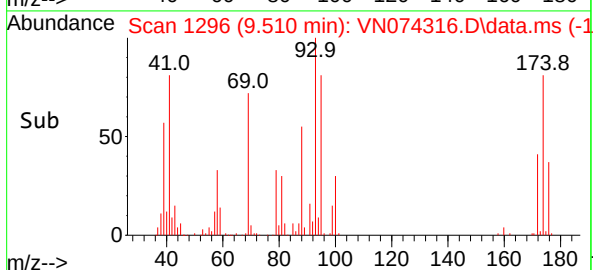
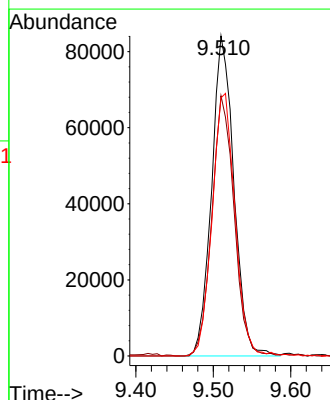
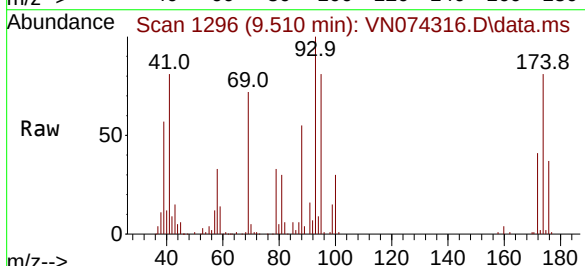
Tgt Ion: 93 Resp: 168195

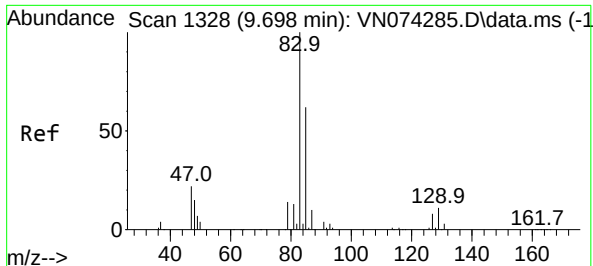
Ion Ratio Lower Upper

93 100

95 81.3 66.9 100.3

174 84.2 86.6 130.0#





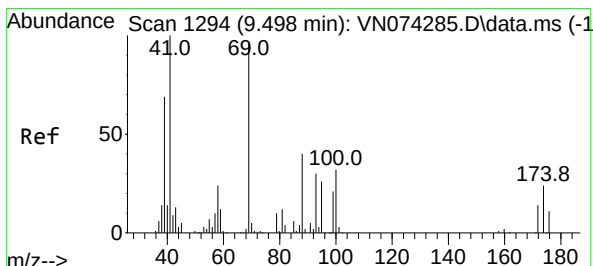
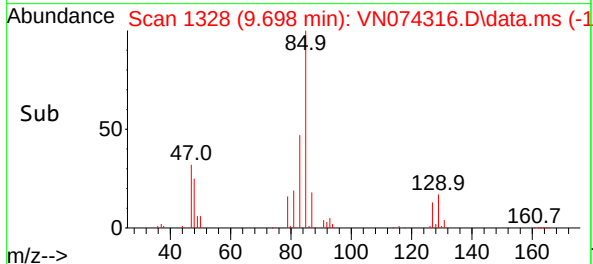
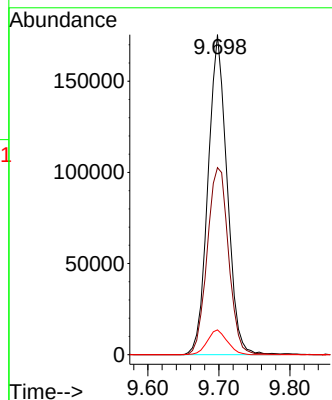
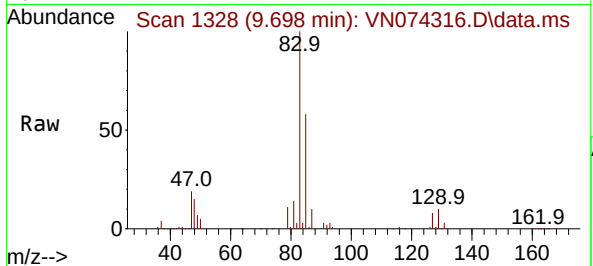
#47
Bromodichloromethane
Concen: 54.991 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 32750
Ion Ratio Lower Upper
83 100
85 58.5 50.5 75.7
127 7.7 6.8 10.2

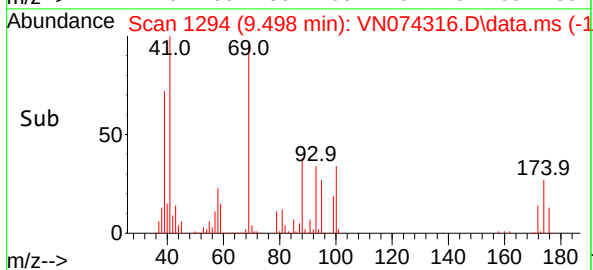
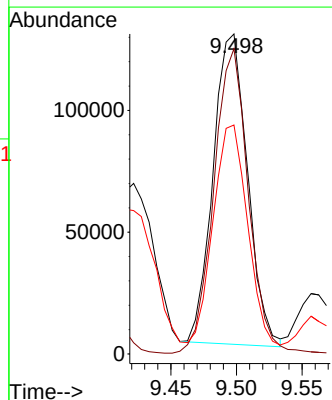
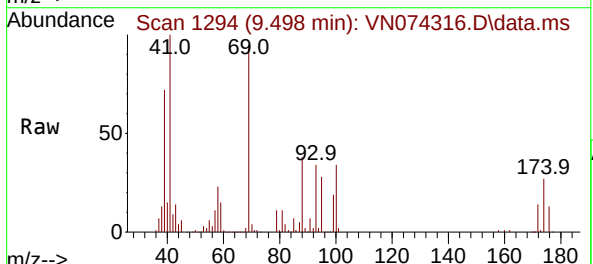
Manual Integrations
APPROVED

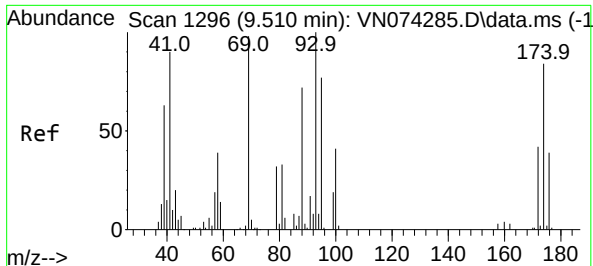
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#48
Methyl methacrylate
Concen: 51.198 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Tgt Ion: 41 Resp: 232123
Ion Ratio Lower Upper
41 100
69 99.1 74.7 112.1
39 71.2 45.6 68.4





#49

1,4-Dioxane

Concen: 954.978 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 11143

Ion Ratio Lower Upper

88 100

43 29.8 20.2 30.4

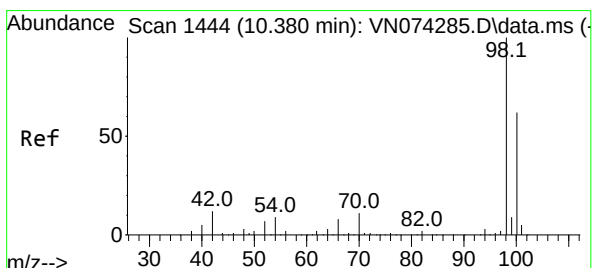
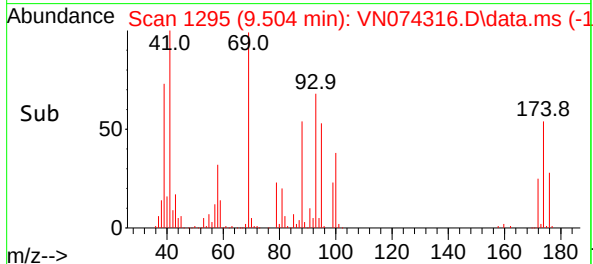
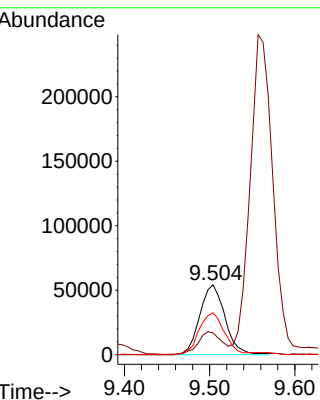
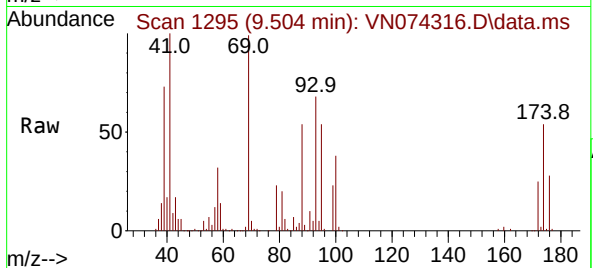
58 60.2 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#50

Toluene-d8

Concen: 53.286 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074316.D

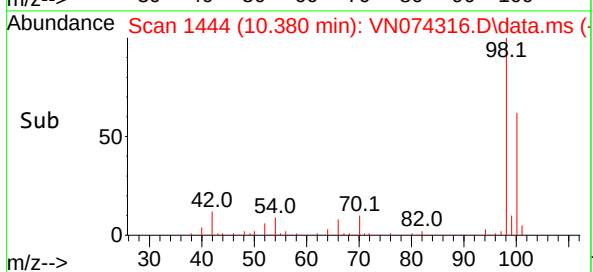
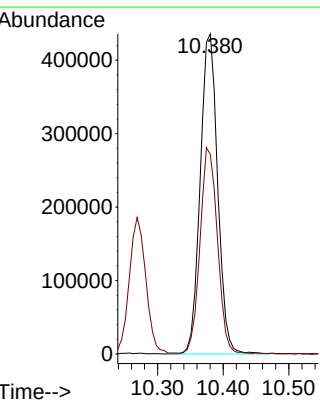
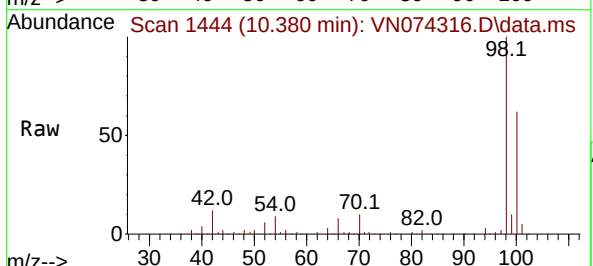
Acq: 03 Sep 2022 14:20

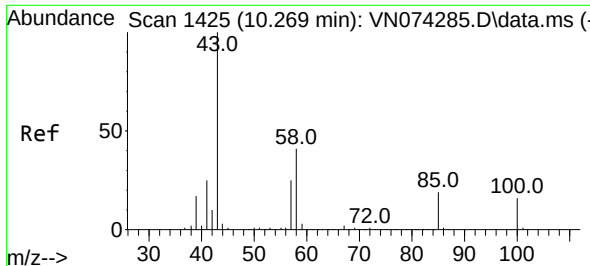
Tgt Ion: 98 Resp: 803599

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8





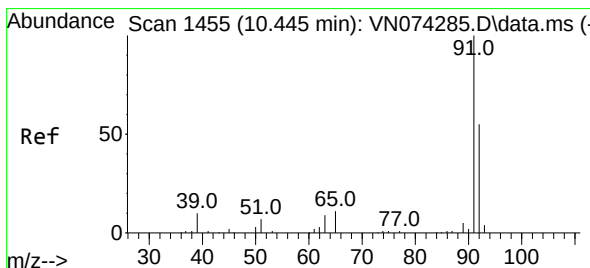
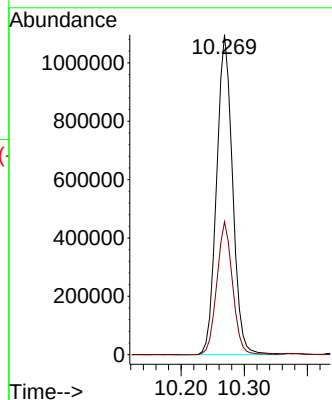
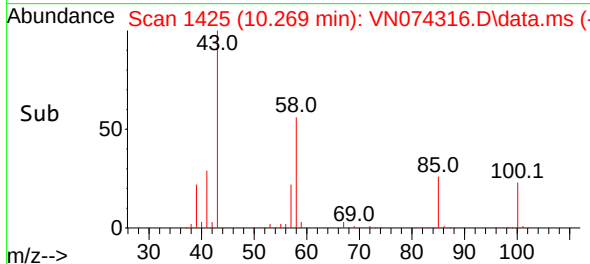
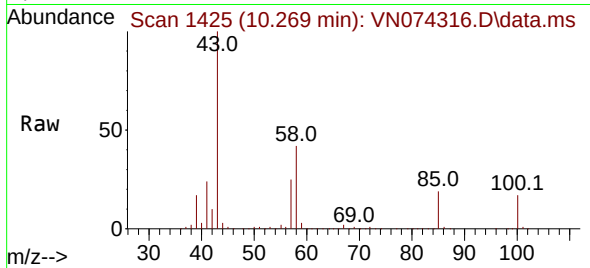
#51
4-Methyl-2-Pentanone
Concen: 266.661 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1924488
Ion Ratio Lower Upper
43 100
58 40.9 34.1 51.1

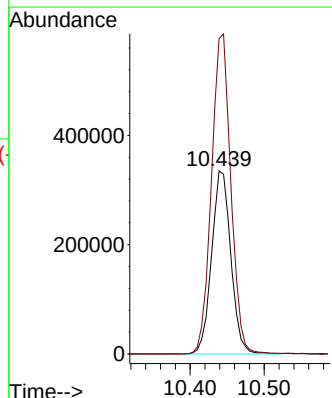
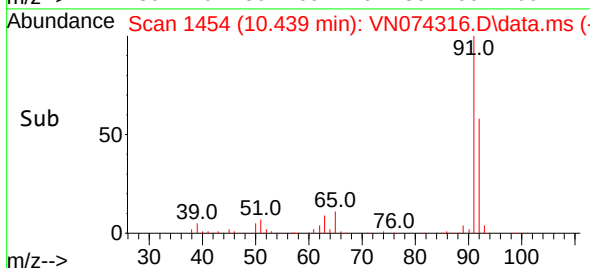
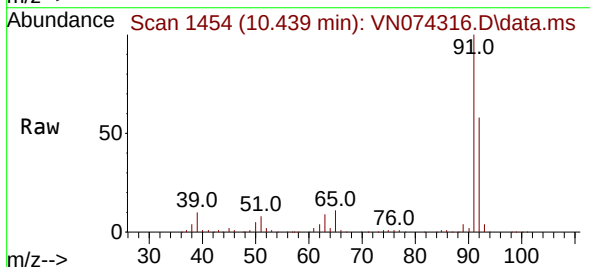
Manual Integrations
APPROVED

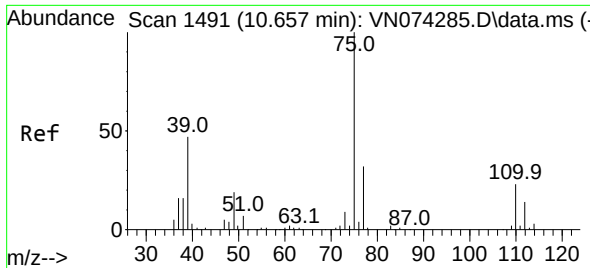
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#52
Toluene
Concen: 57.024 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

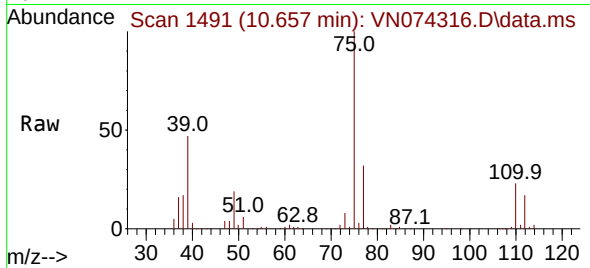
Tgt Ion: 92 Resp: 603422
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.849 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

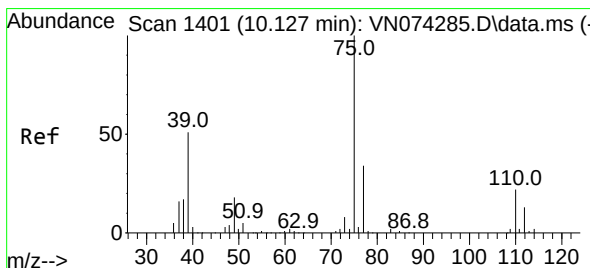
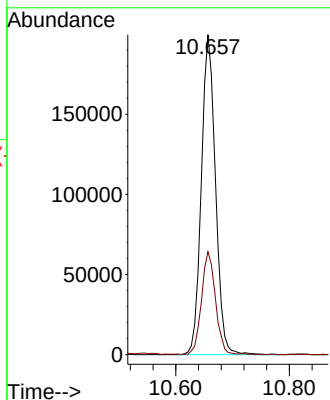
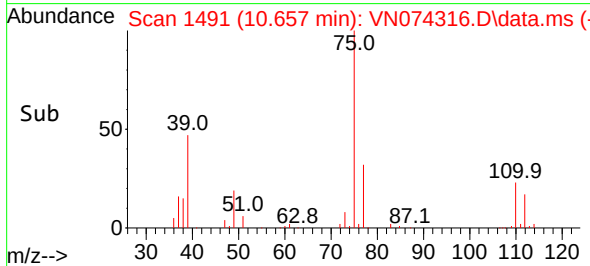
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



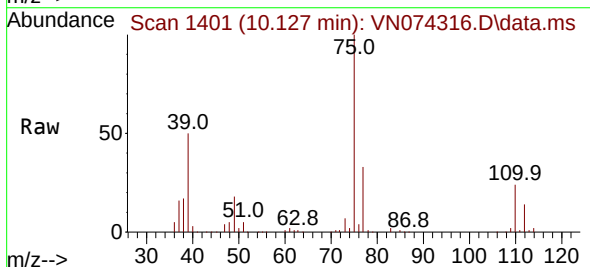
Tgt Ion: 75 Resp: 344712
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations
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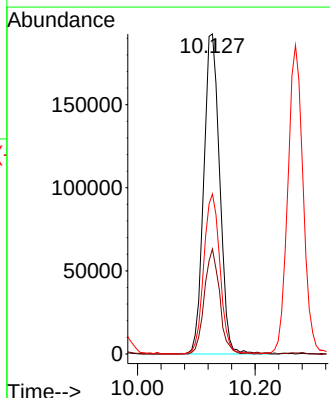
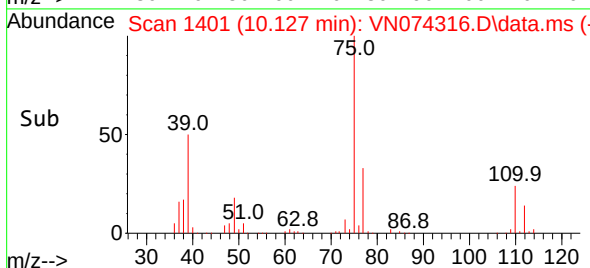
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

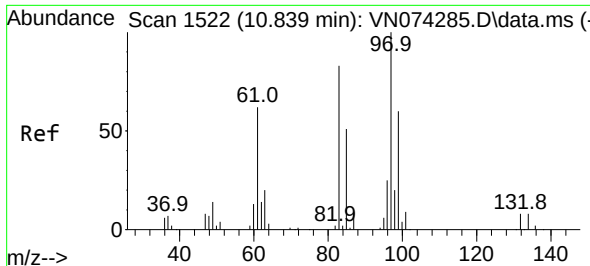


#54
cis-1,3-Dichloropropene
Concen: 54.580 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



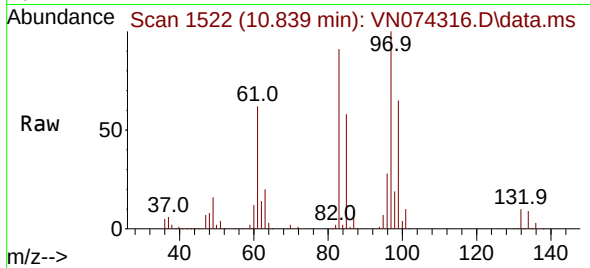
Tgt Ion: 75 Resp: 363101
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 50.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 52.956 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

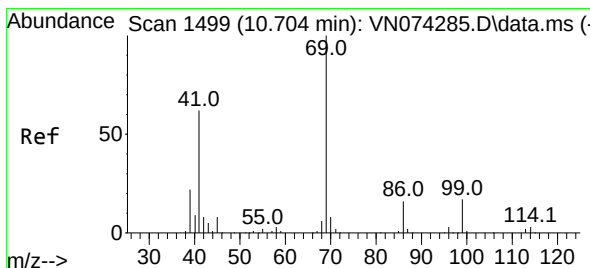
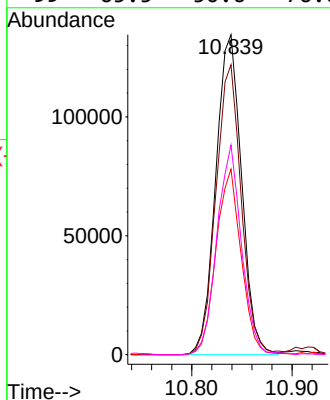
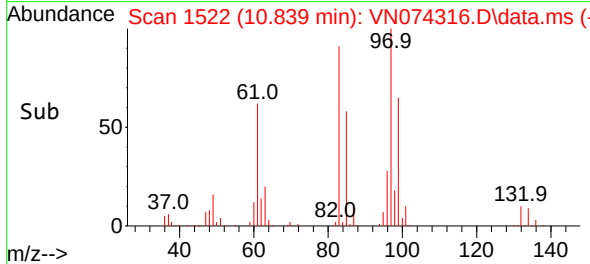
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



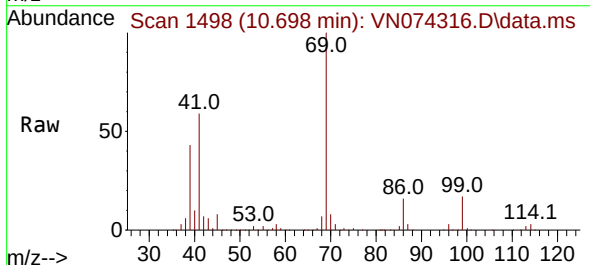
Tgt Ion: 97 Resp: 240429
Ion Ratio Lower Upper
97 100
83 90.6 66.2 99.4
85 58.0 43.9 65.9
99 65.5 50.6 76.0

Manual Integrations
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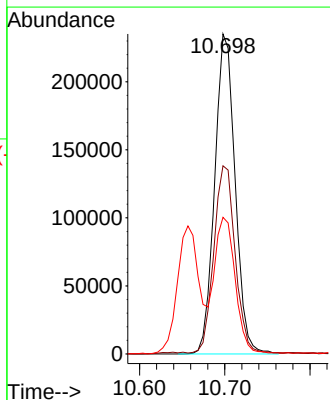
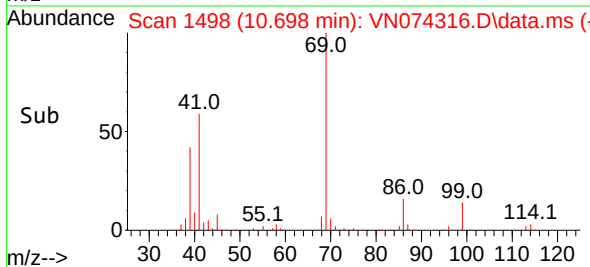
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

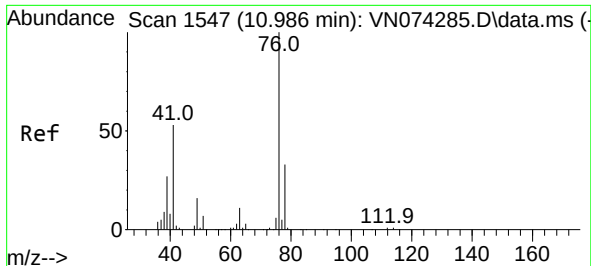


#56
Ethyl methacrylate
Concen: 57.962 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion: 69 Resp: 391780
Ion Ratio Lower Upper
69 100
41 61.2 47.8 71.6
39 42.2 27.3 40.9





#57

1,3-Dichloropropane

Concen: 53.055 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 411954

Ion Ratio Lower Upper

76 100

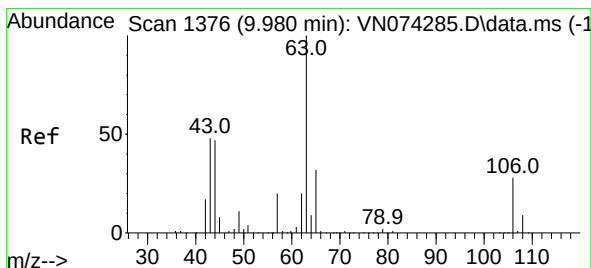
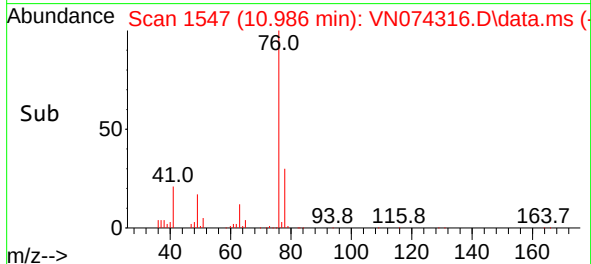
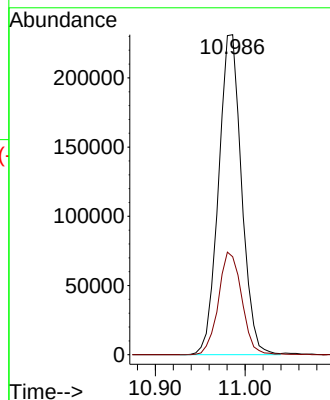
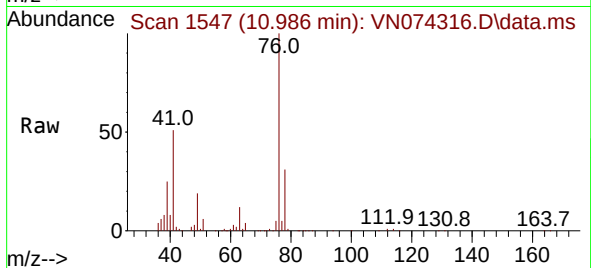
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 274.684 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074316.D

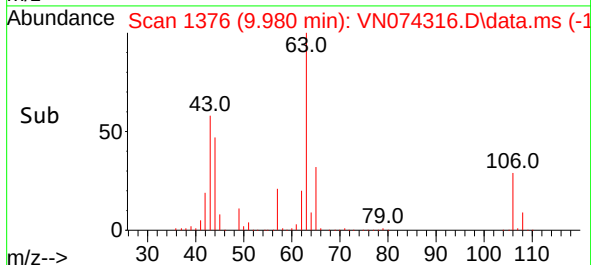
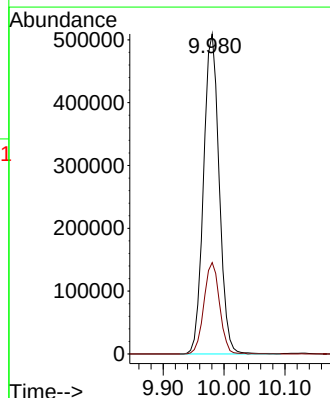
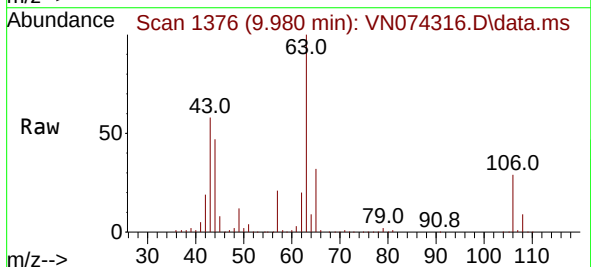
Acq: 03 Sep 2022 14:20

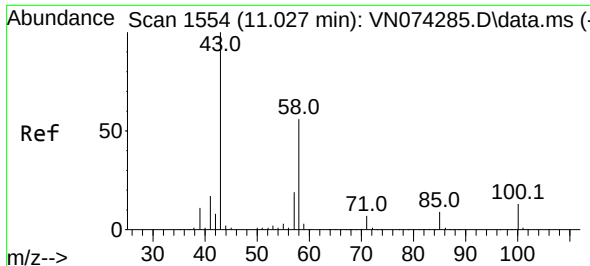
Tgt Ion: 63 Resp: 908305

Ion Ratio Lower Upper

63 100

106 28.6 24.6 36.8





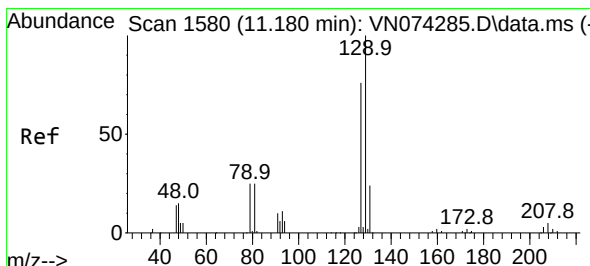
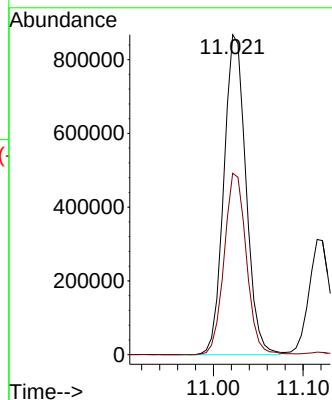
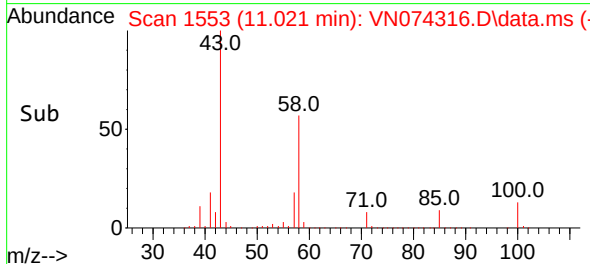
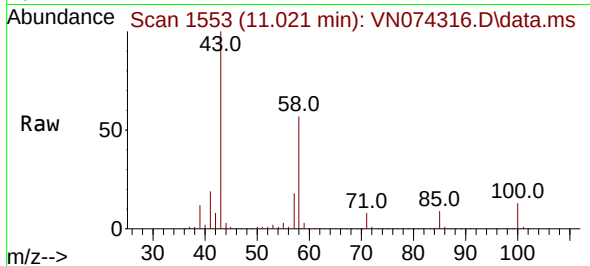
#59
2-Hexanone
Concen: 271.798 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1484580
Ion Ratio Lower Upper
43 100
58 57.0 29.7 89.1

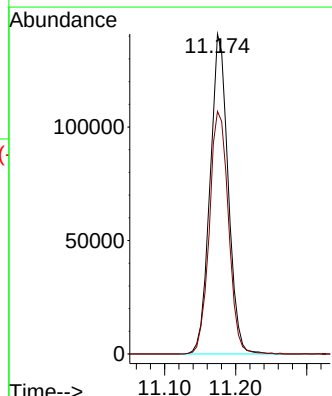
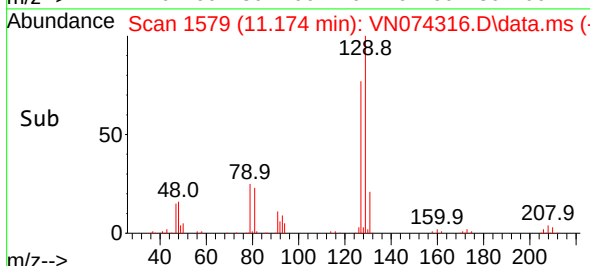
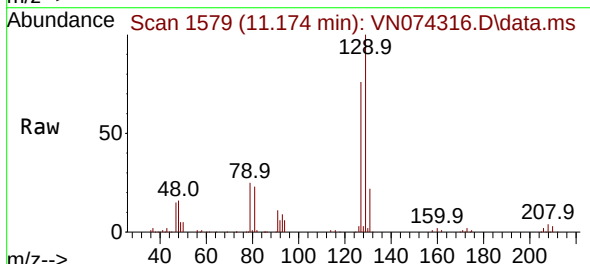
Manual Integrations
APPROVED

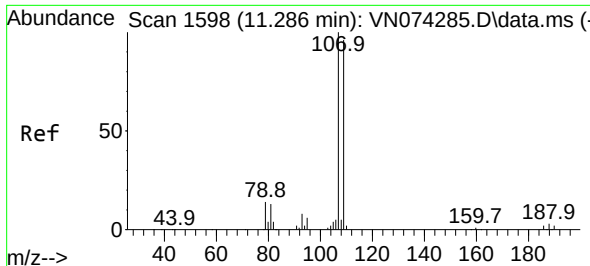
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#60
Dibromochloromethane
Concen: 55.263 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

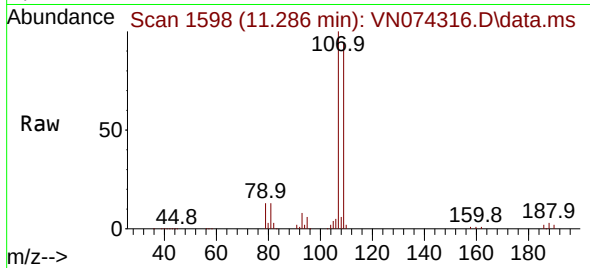
Tgt Ion:129 Resp: 248999
Ion Ratio Lower Upper
129 100
127 80.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.907 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

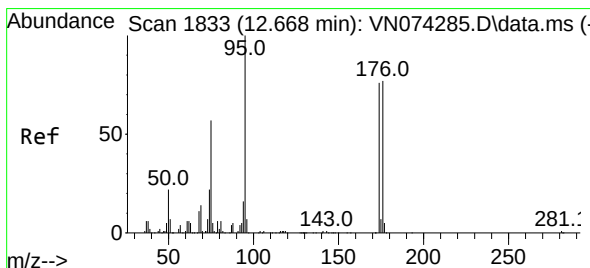
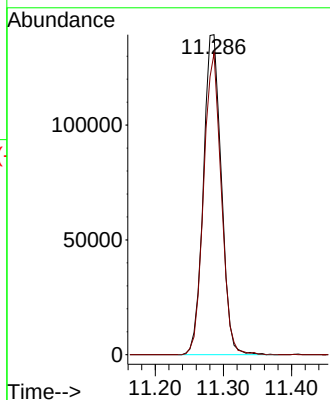
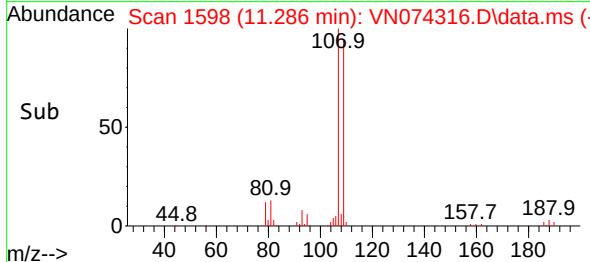
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



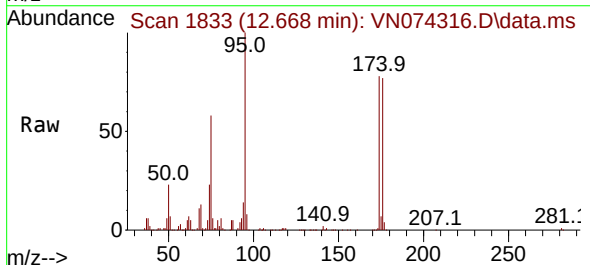
Tgt Ion:107 Resp: 25430
Ion Ratio Lower Upper
107 100
109 92.8 75.0 112.6

Manual Integrations
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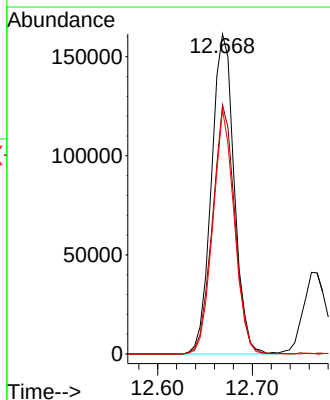
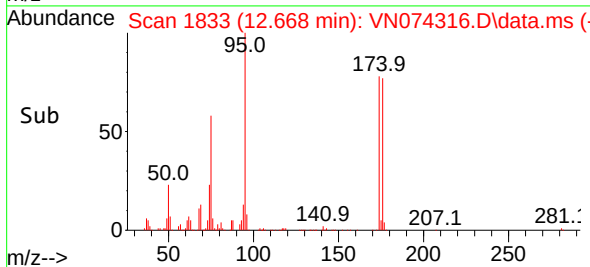
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

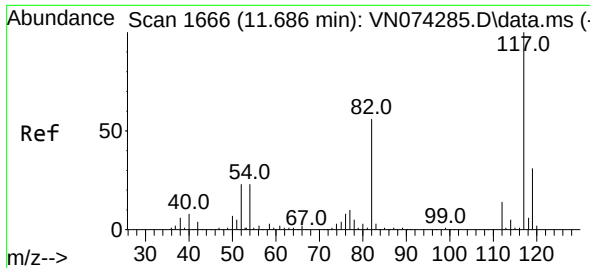


#62
4-Bromofluorobenzene
Concen: 48.838 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



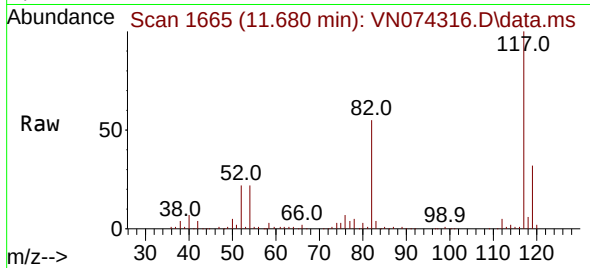
Tgt Ion: 95 Resp: 269122
Ion Ratio Lower Upper
95 100
174 76.7 0.0 167.6
176 72.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

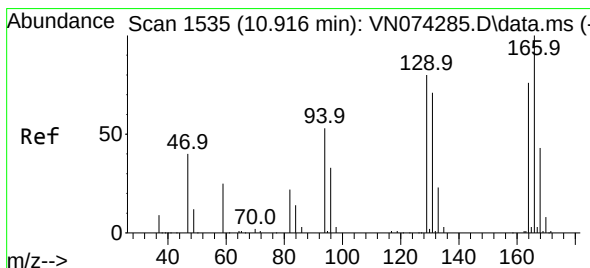
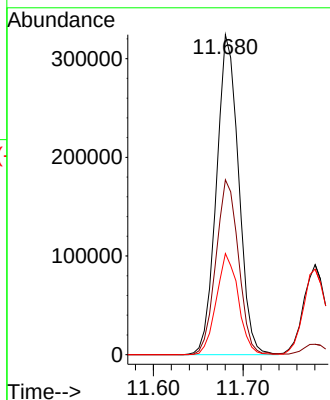
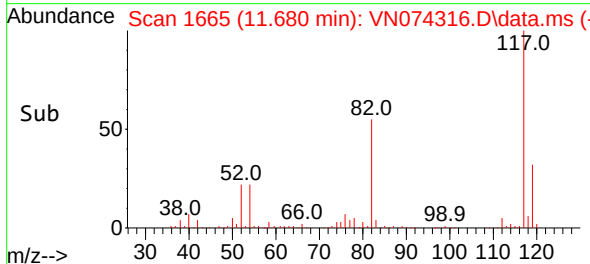
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



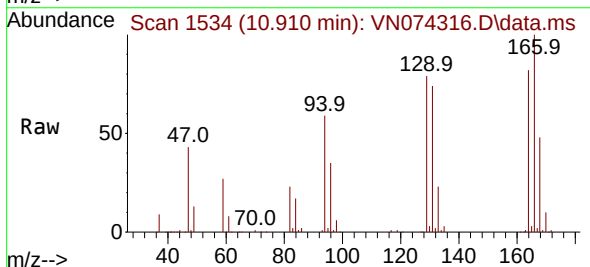
Tgt Ion:117 Resp: 55645
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.6 25.4 38.0

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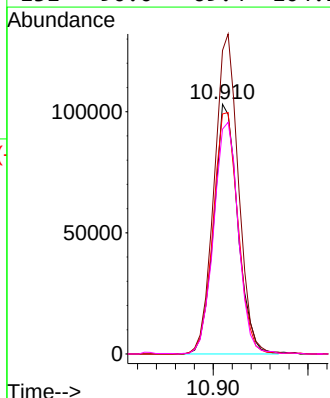
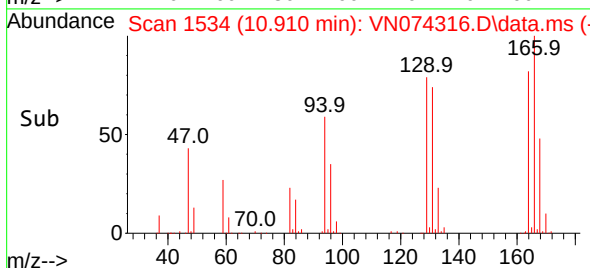
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

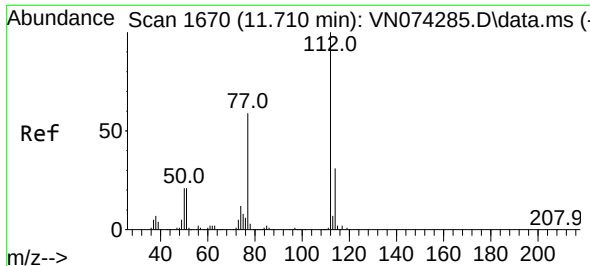


#64
Tetrachloroethene
Concen: 51.916 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



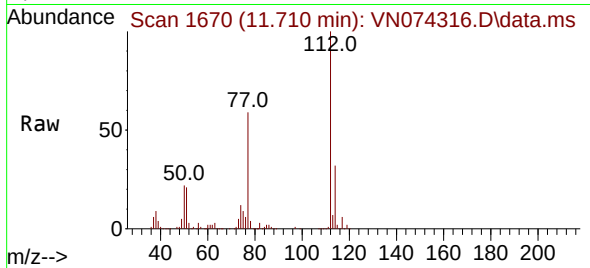
Tgt Ion:164 Resp: 181605
Ion Ratio Lower Upper
164 100
166 121.5 104.2 156.2
129 96.1 73.9 110.9
131 90.0 69.4 104.2





#65
Chlorobenzene
Concen: 51.557 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

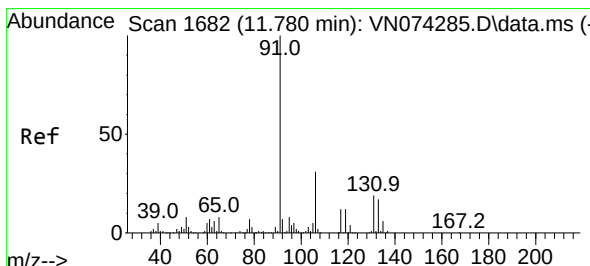
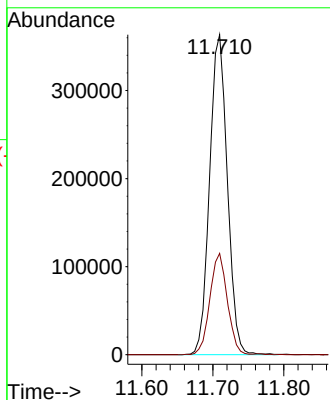
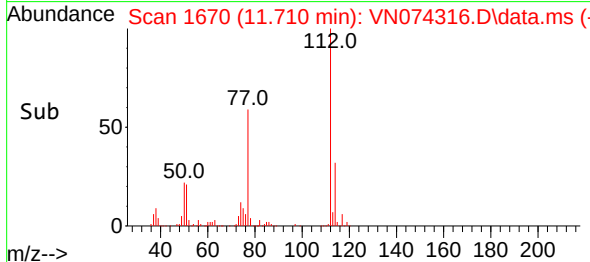
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



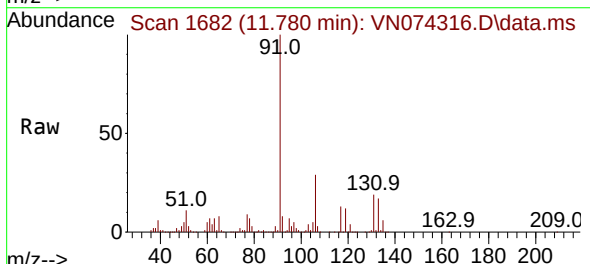
Tgt Ion:112 Resp: 629744
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

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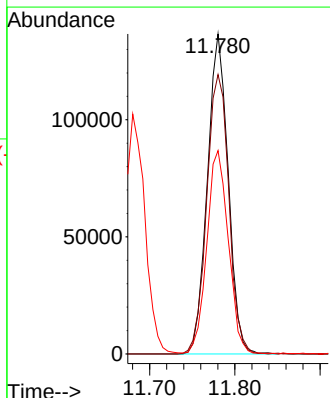
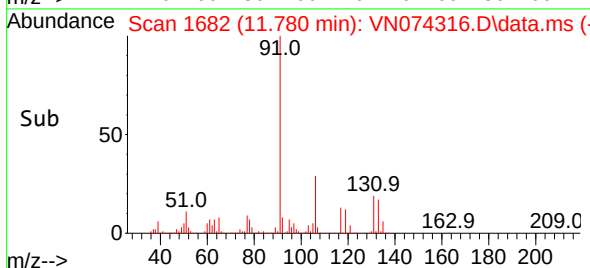
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

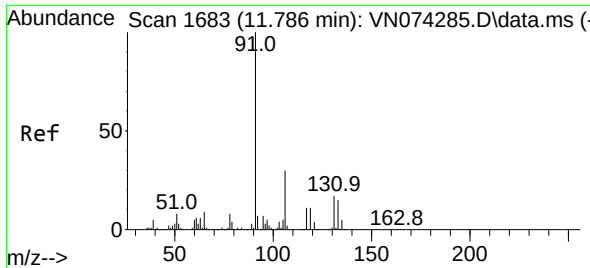


#66
1,1,1,2-Tetrachloroethane
Concen: 51.240 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion:131 Resp: 231602
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.4
119 66.0 33.4 100.2





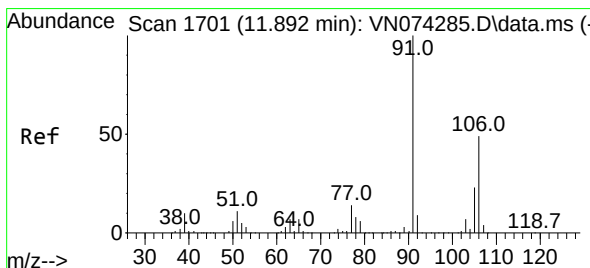
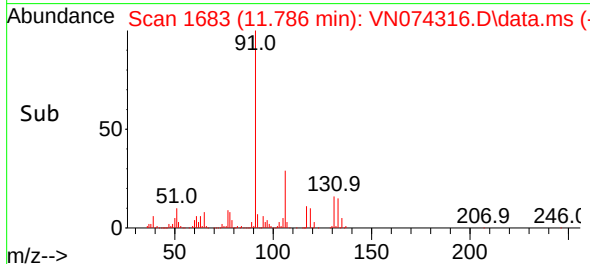
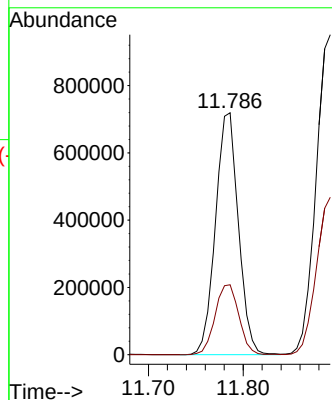
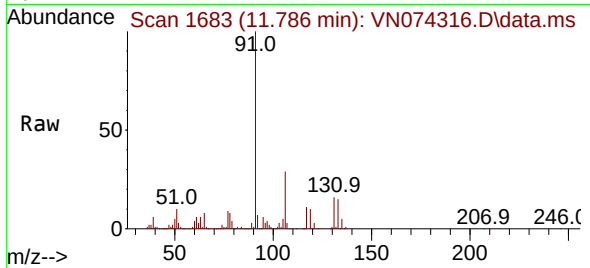
#67
Ethyl Benzene
Concen: 53.866 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1207909
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3

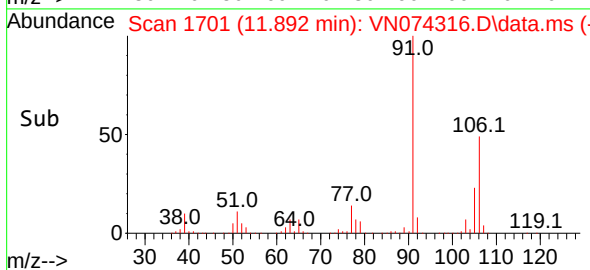
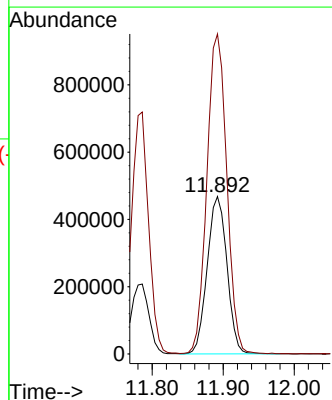
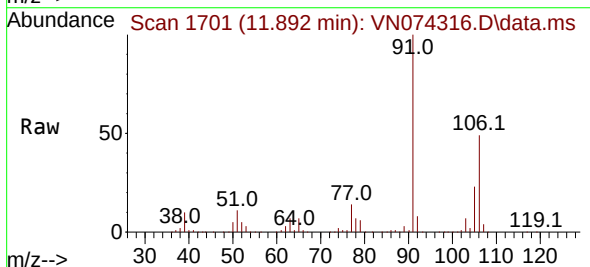
Manual Integrations
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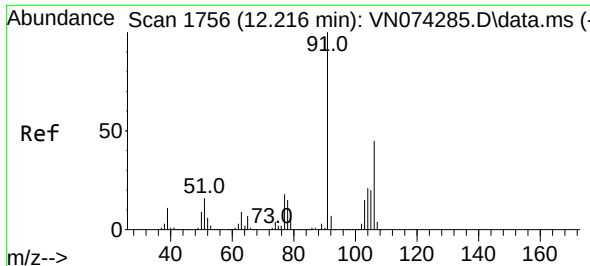
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#68
m/p-Xylenes
Concen: 108.041 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

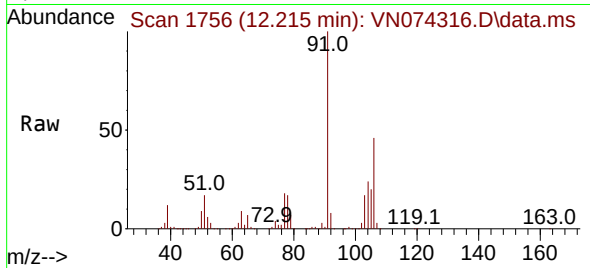
Tgt Ion:106 Resp: 904383
Ion Ratio Lower Upper
106 100
91 204.0 158.9 238.3





#69
o-Xylene
Concen: 53.495 ug/l
RT: 12.215 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

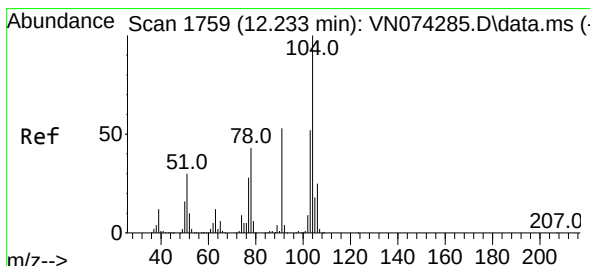
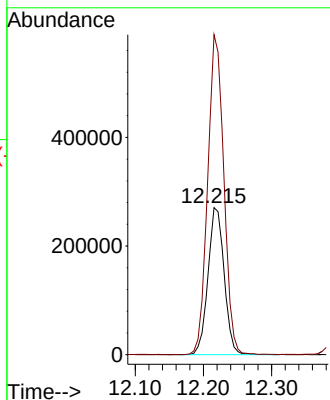
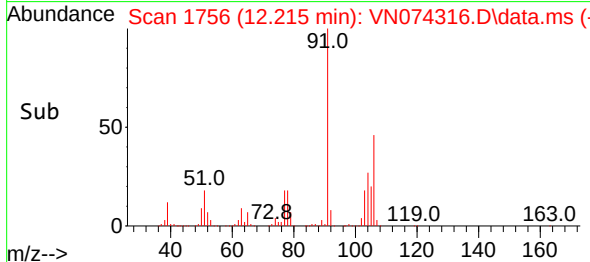
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



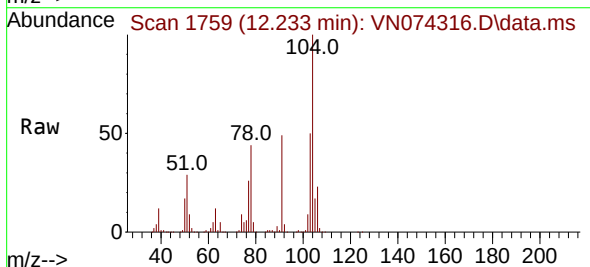
Tgt Ion:106 Resp: 446929
Ion Ratio Lower Upper
106 100
91 217.8 106.0 318.0

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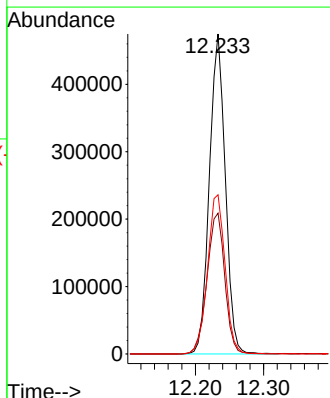
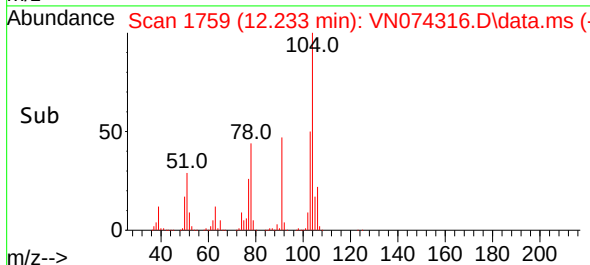
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

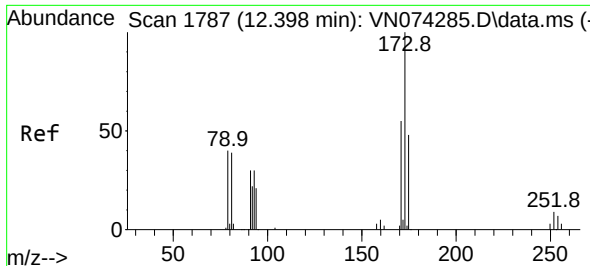


#70
Styrene
Concen: 57.723 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



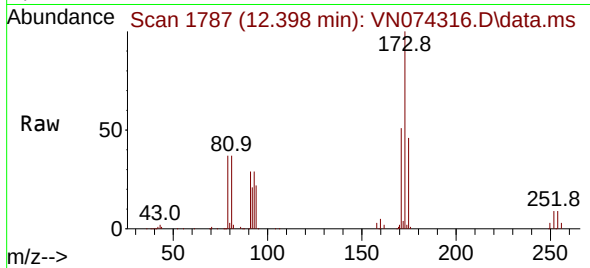
Tgt Ion:104 Resp: 772244
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 55.326 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

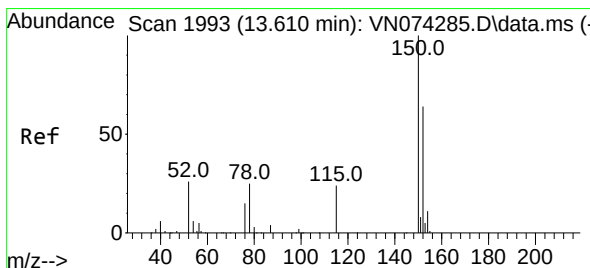
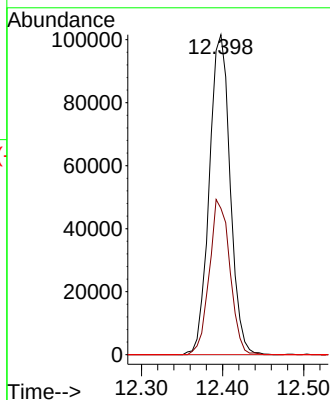
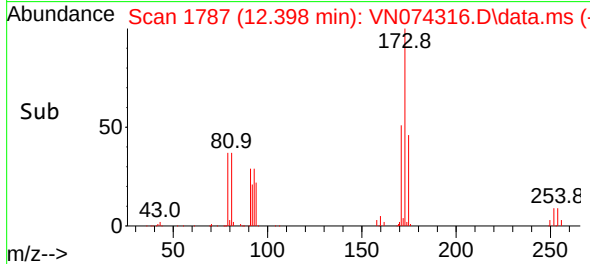
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



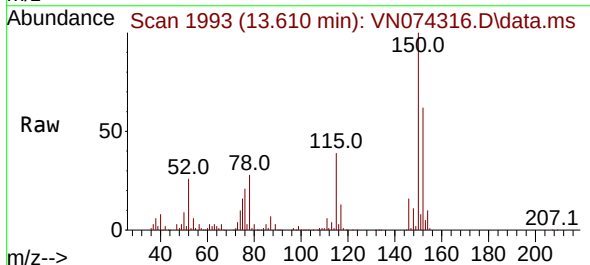
Tgt Ion:173 Resp: 181099
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.1 0.1

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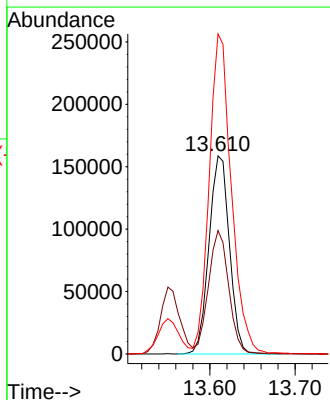
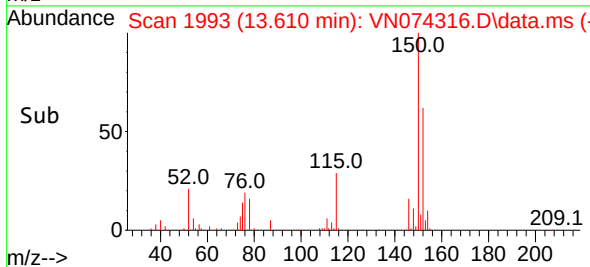
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

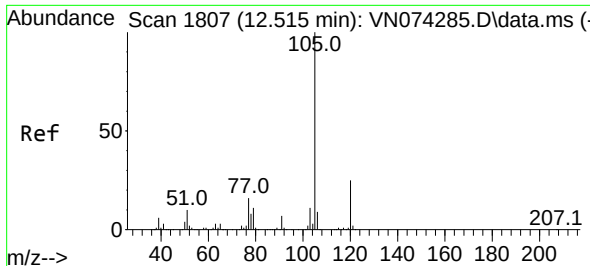


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



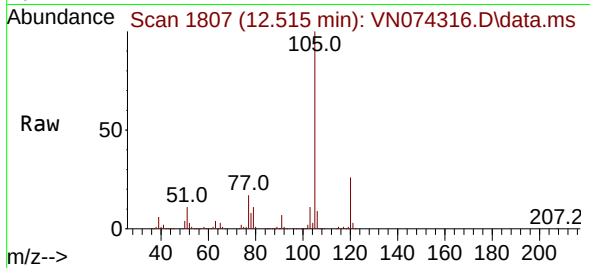
Tgt Ion:152 Resp: 264271
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 174.7 0.0 356.2





#73
Isopropylbenzene
Concen: 51.699 ug/l
RT: 12.515 min Scan# 1196384
Delta R.T. -0.001 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

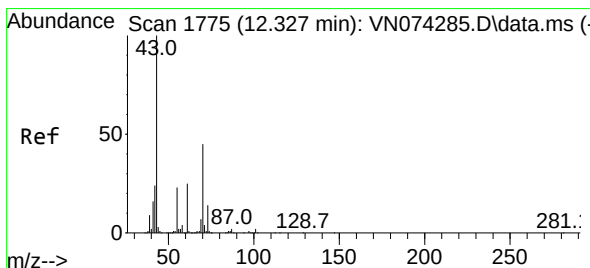
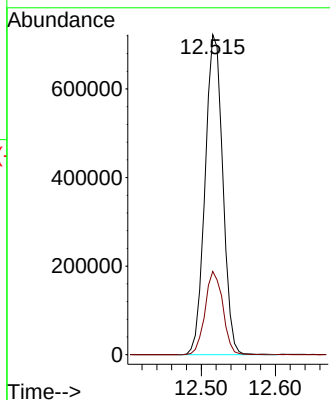
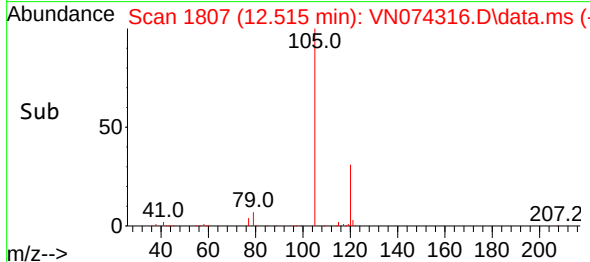
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



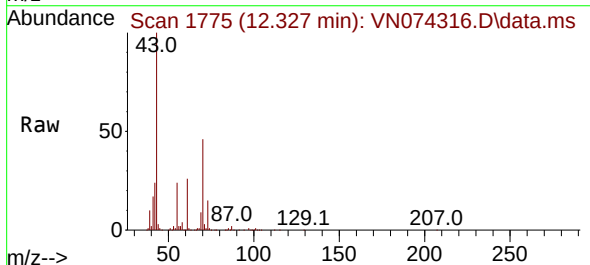
Tgt Ion:105 Resp: 1196384
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

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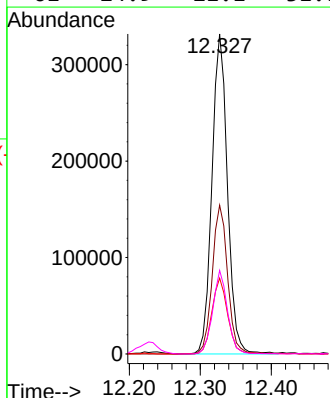
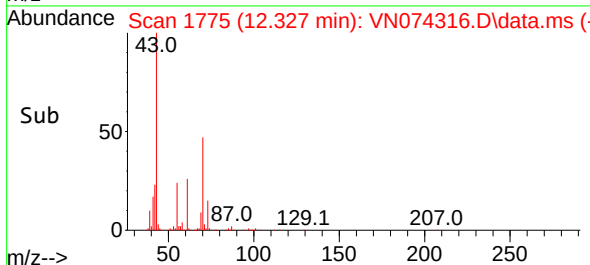
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

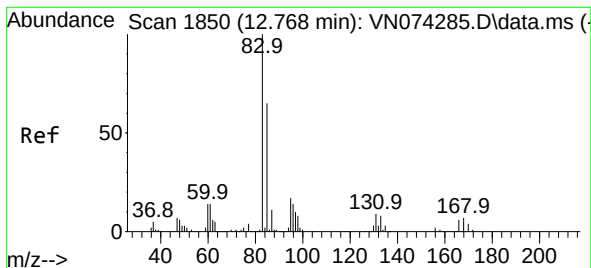


#74
N-ethyl acetate
Concen: 50.942 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



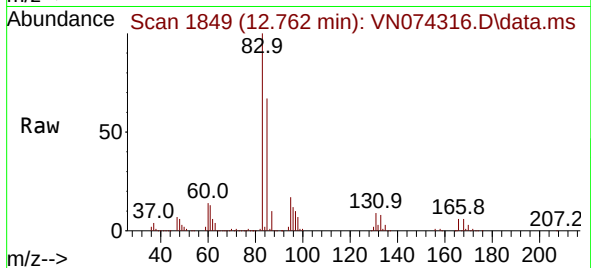
Tgt Ion: 43 Resp: 502770
Ion Ratio Lower Upper
43 100
70 46.0 39.0 58.4
55 24.2 21.1 31.7
61 24.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.780 ug/l
RT: 12.762 min Scan# 1849
Delta R.T. -0.007 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

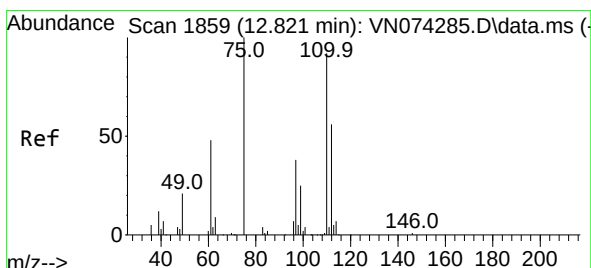
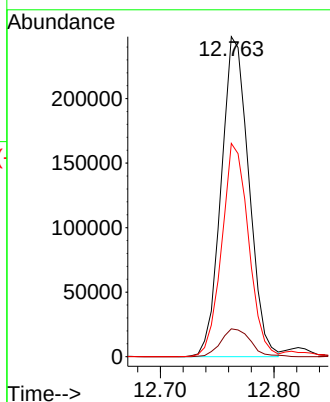
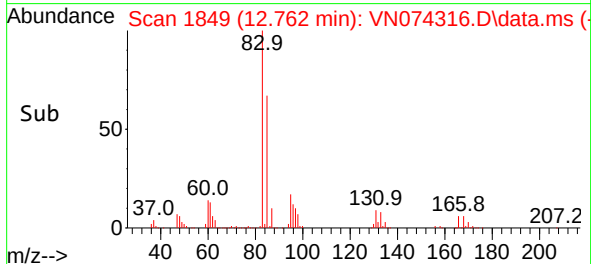
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



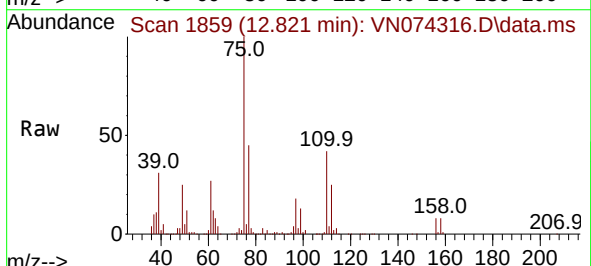
Tgt Ion: 83 Resp: 418839
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

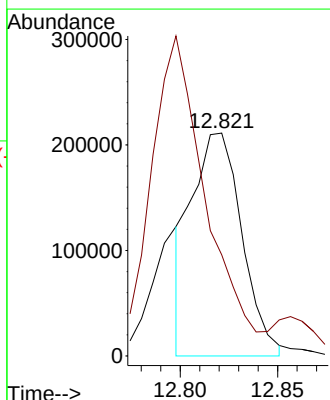
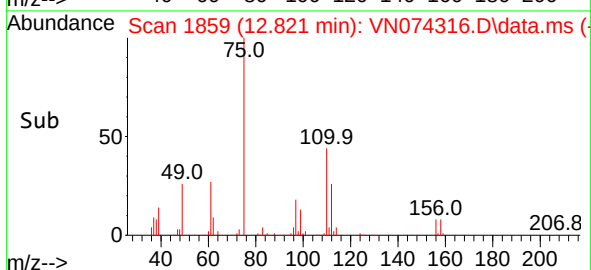
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

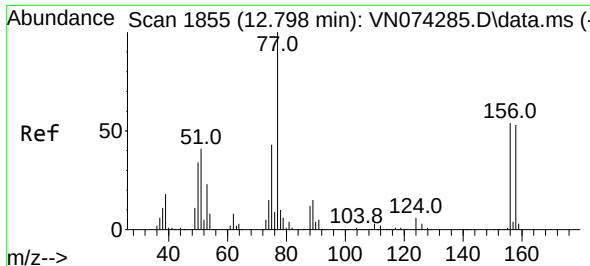


#76
1,2,3-Trichloropropane
Concen: 50.642 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



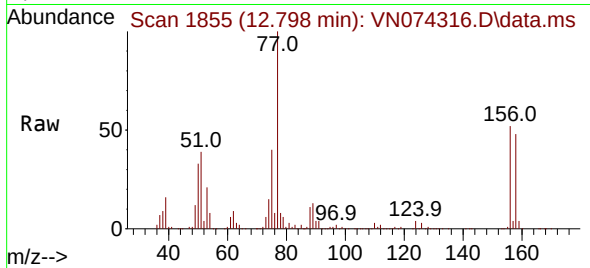
Tgt Ion: 75 Resp: 379038
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 50.087 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

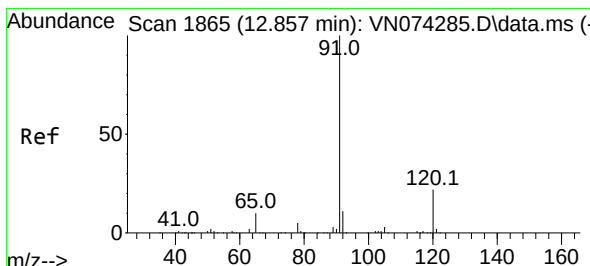
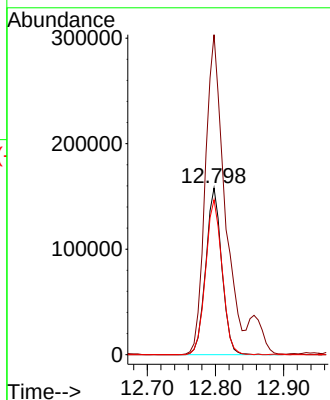
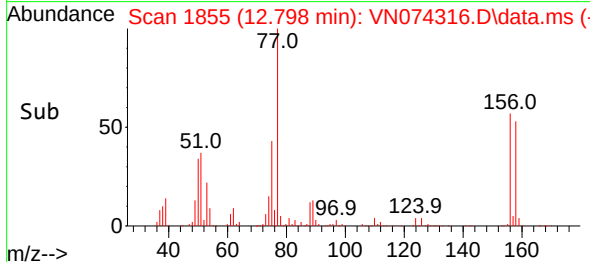
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



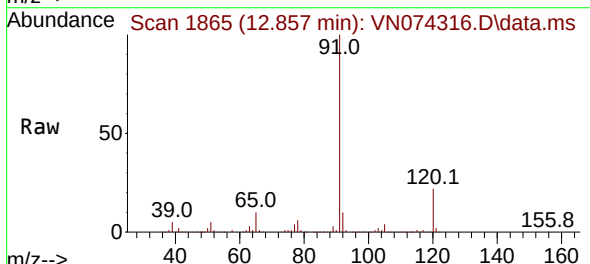
Tgt Ion: 156 Resp: 257294
Ion Ratio Lower Upper
156 100
77 230.4 100.5 301.5
158 96.3 48.9 146.6

Manual Integrations
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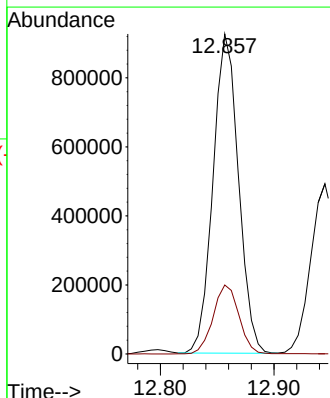
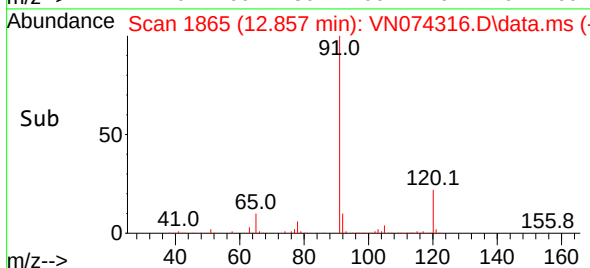
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

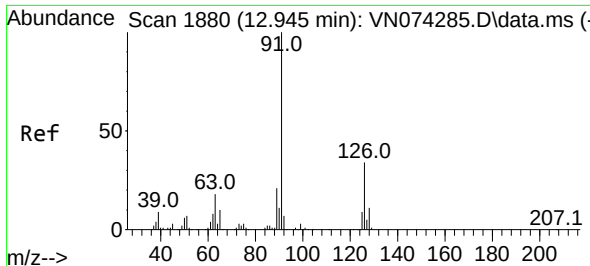


#78
n-propylbenzene
Concen: 54.454 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion: 91 Resp: 1440416
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





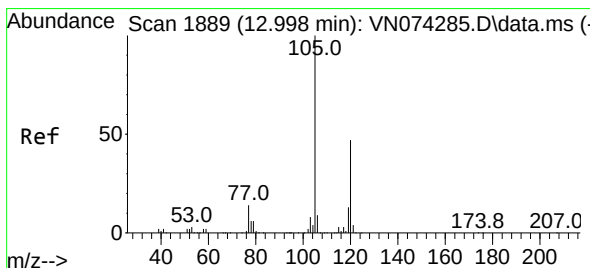
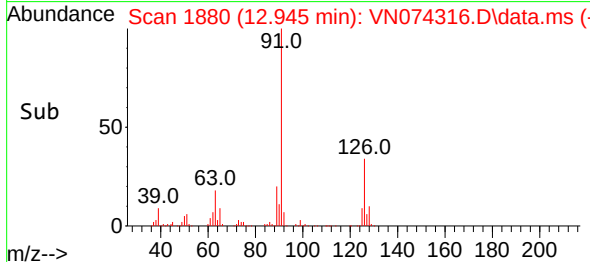
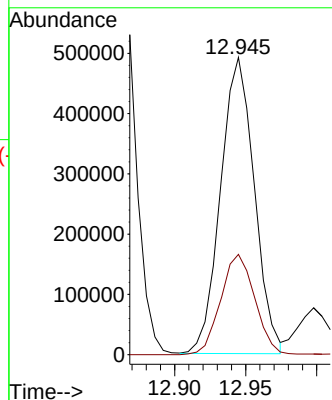
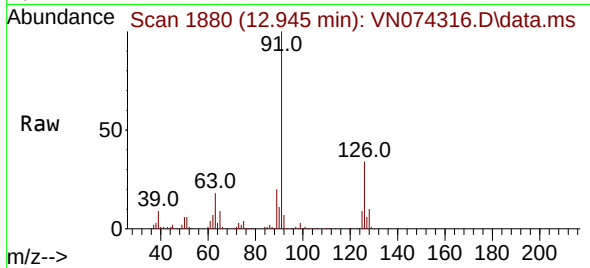
#79
2-Chlorotoluene
Concen: 50.080 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 813328
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.9

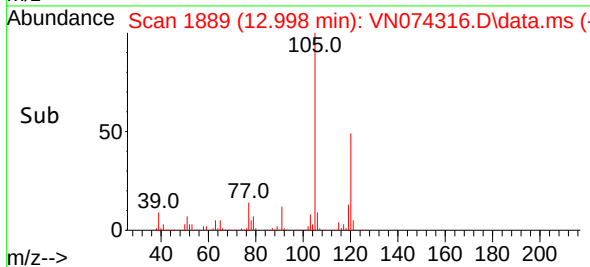
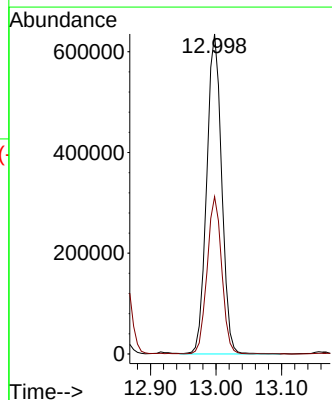
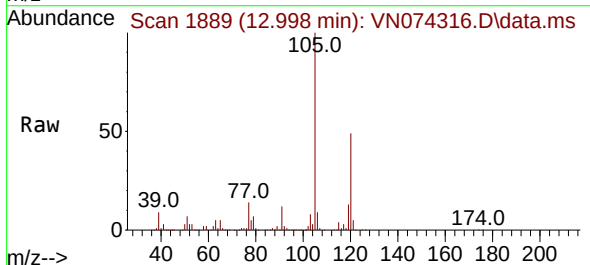
Manual Integrations
APPROVED

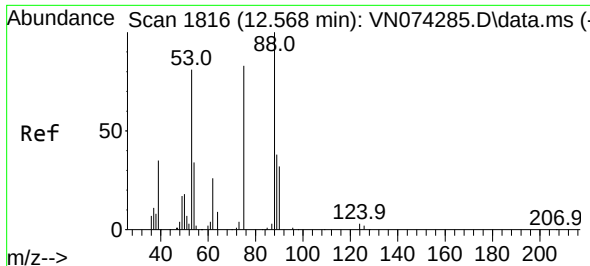
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.372 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

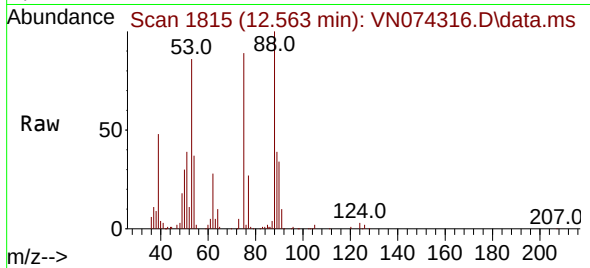
Tgt Ion:105 Resp: 1008854
Ion Ratio Lower Upper
105 100
120 47.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 53.101 ug/l
RT: 12.563 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

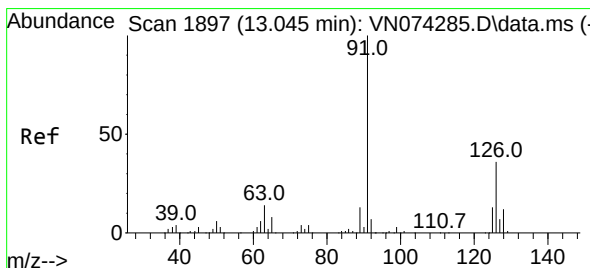
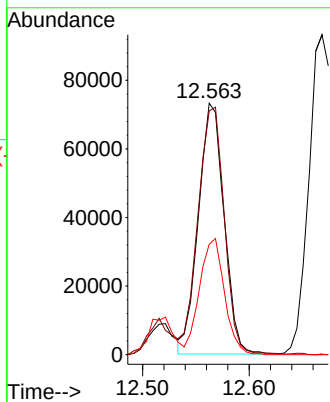
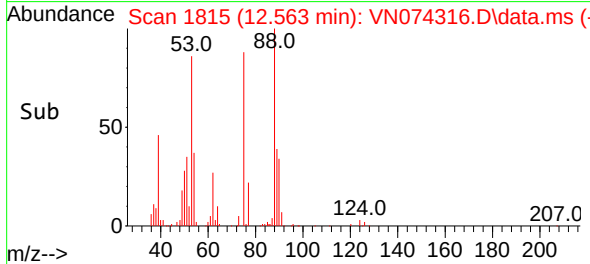
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 12243
Ion Ratio Lower Upper
75 100
53 101.0 78.0 117.0
89 45.0 37.2 55.8

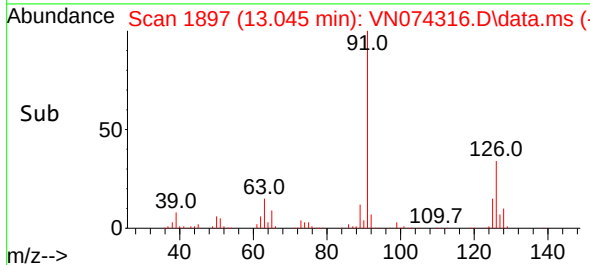
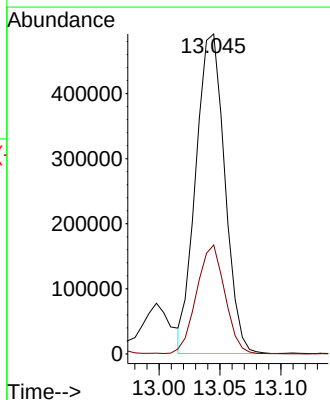
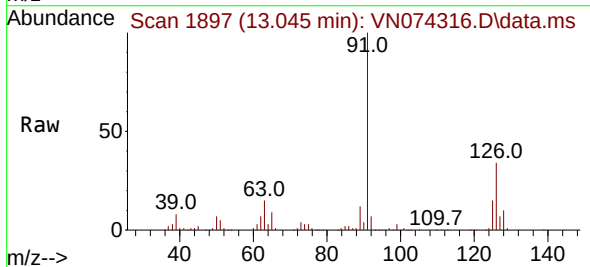
Manual Integrations
APPROVED

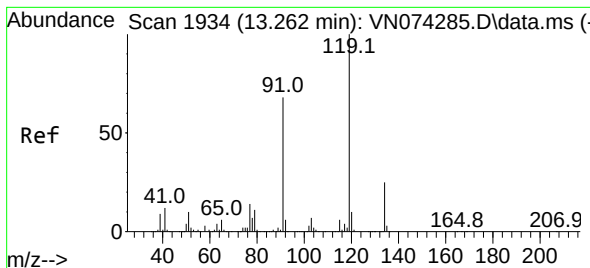
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#82
4-Chlorotoluene
Concen: 53.266 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

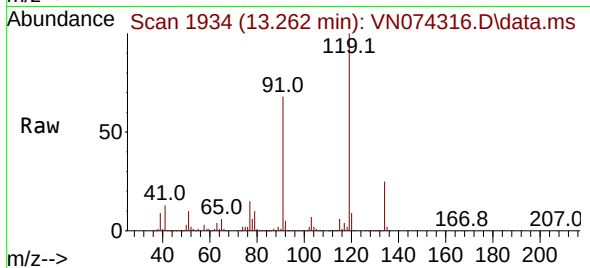
Tgt Ion: 91 Resp: 812112
Ion Ratio Lower Upper
91 100
126 33.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.281 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

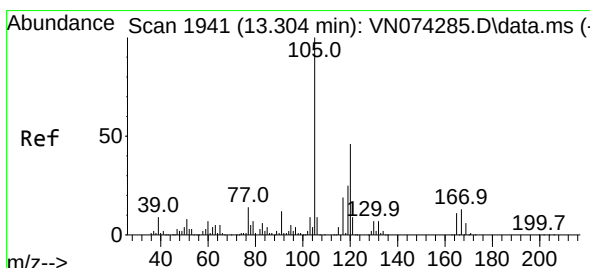
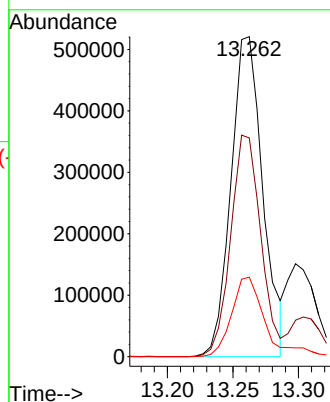
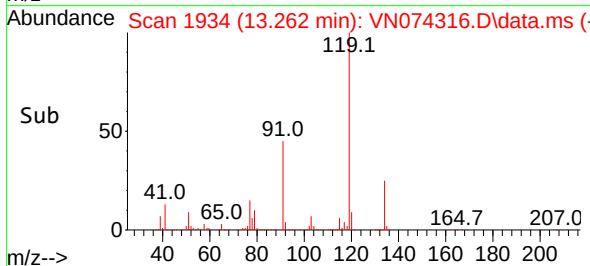
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



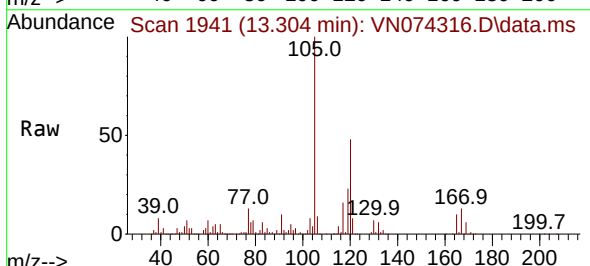
Tgt Ion:119 Resp: 880434
Ion Ratio Lower Upper
119 100
91 65.5 31.6 94.8
134 26.2 13.7 41.1

Manual Integrations
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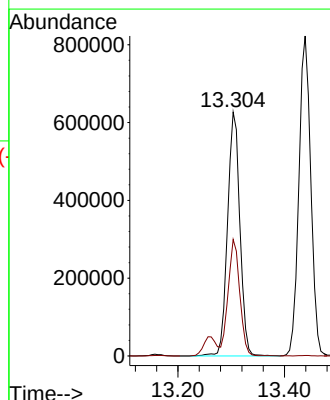
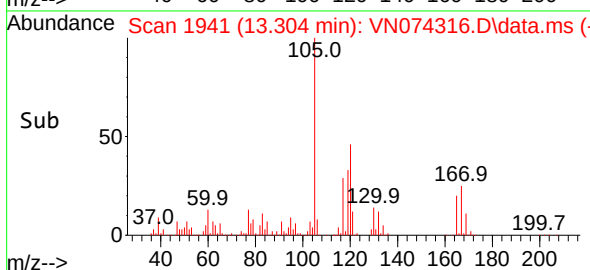
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

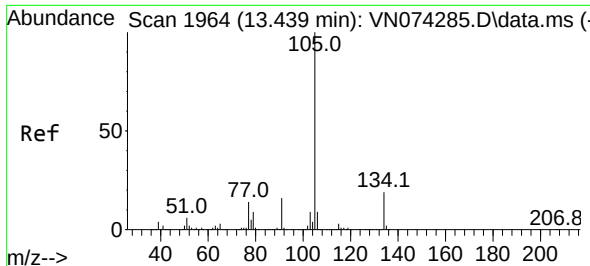


#84
1,2,4-Trimethylbenzene
Concen: 53.700 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



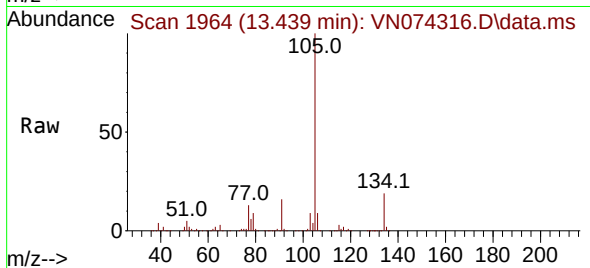
Tgt Ion:105 Resp: 1009300
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 54.237 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074316.D
 Acq: 03 Sep 2022 14:20

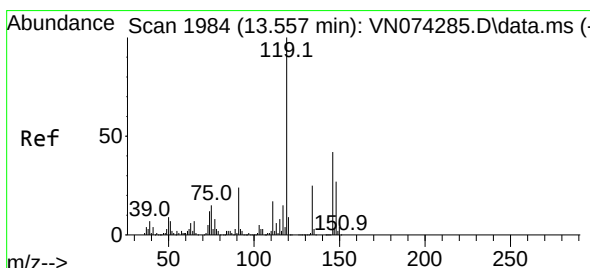
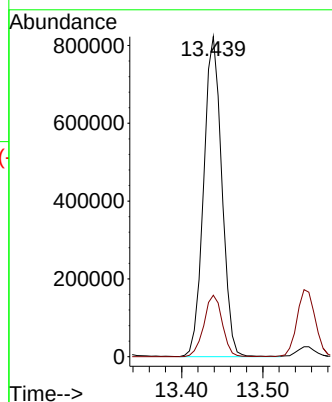
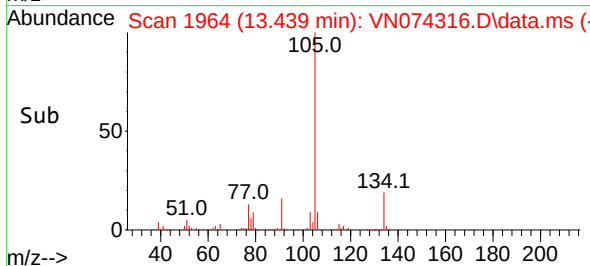
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 127515
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

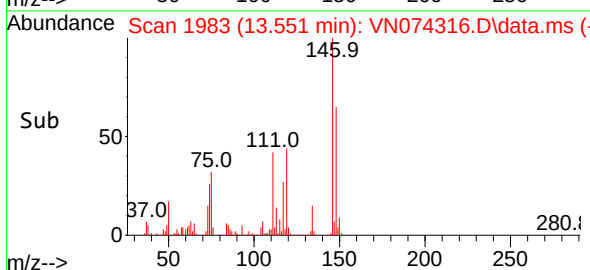
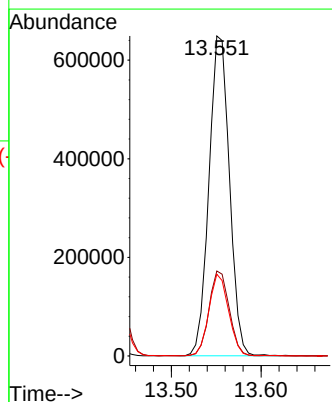
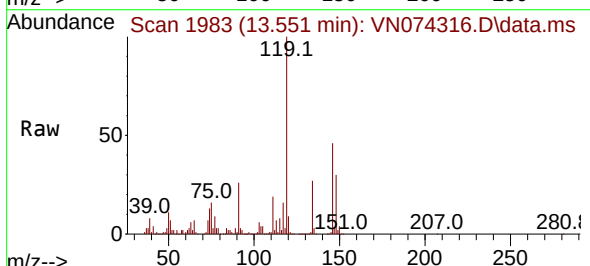
Manual Integrations
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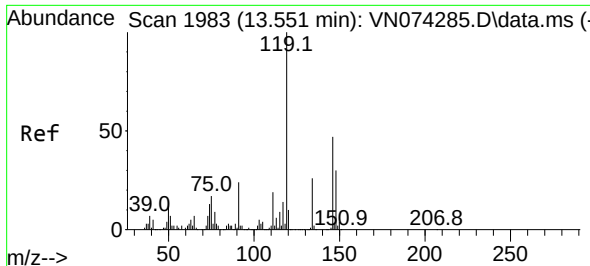
Reviewed By :John Carlone 09/06/2022
 Supervised By :Mahesh Dadoda 09/07/2022



#86
 p-Isopropyltoluene
 Concen: 56.106 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN074316.D
 Acq: 03 Sep 2022 14:20

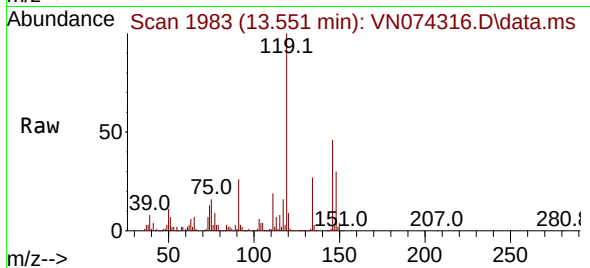
Tgt Ion:119 Resp: 1027605
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 24.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 52.104 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

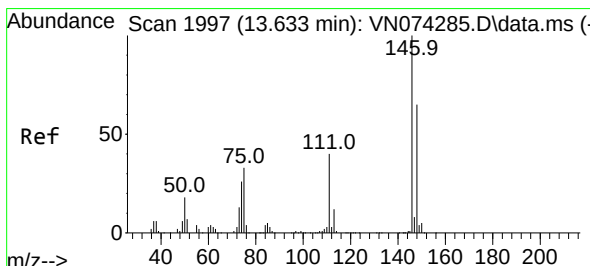
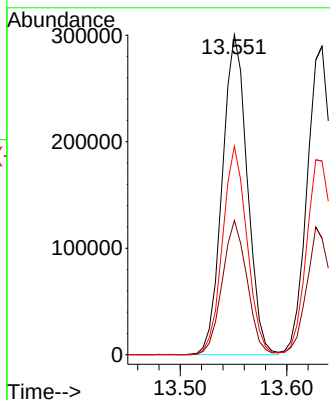
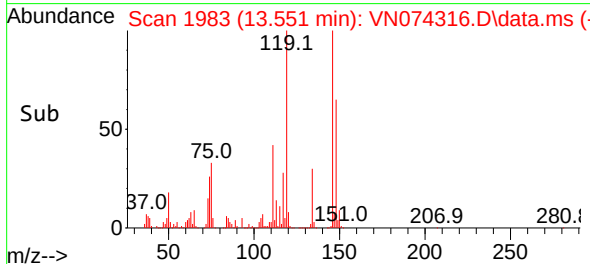
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



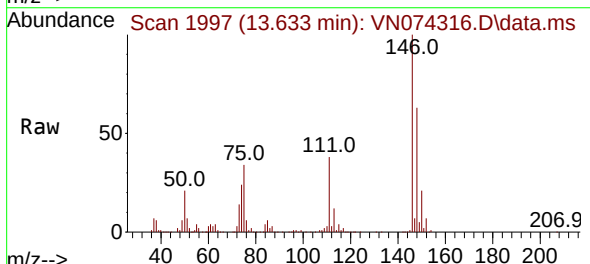
Tgt Ion:146 Resp: 489958
Ion Ratio Lower Upper
146 100
111 41.4 20.0 60.0
148 63.7 32.0 96.0

Manual Integrations
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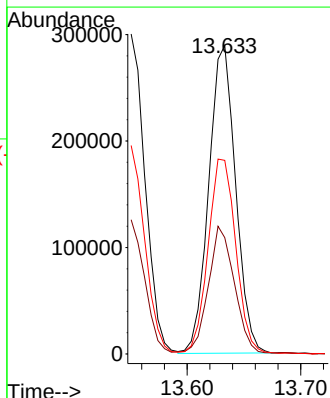
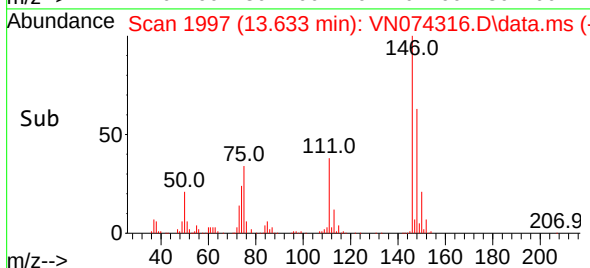
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

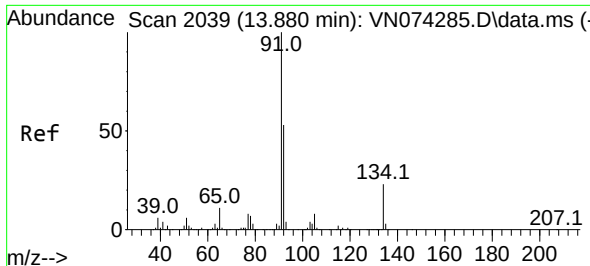


#88
1,4-Dichlorobenzene
Concen: 50.681 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20



Tgt Ion:146 Resp: 475073
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.1
148 65.7 31.4 94.3





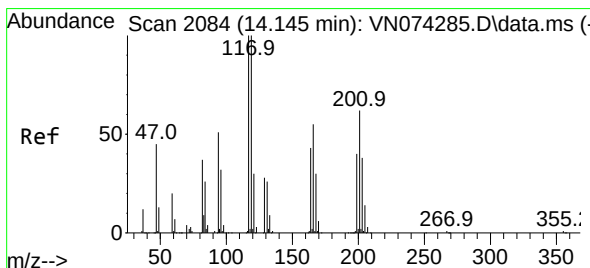
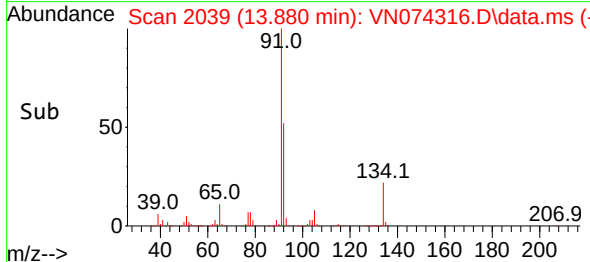
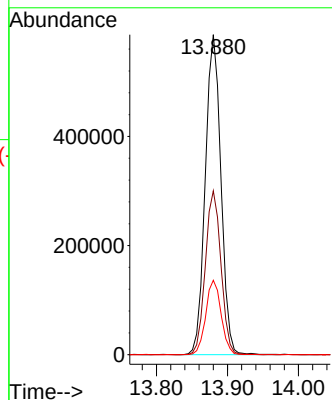
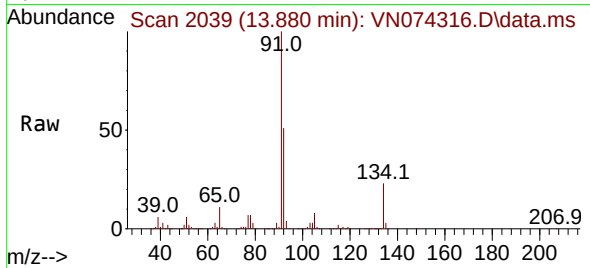
#89
n-Butylbenzene
Concen: 56.339 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 900233
Ion Ratio Lower Upper
91 100
92 51.1 26.9 80.7
134 22.9 13.6 40.8

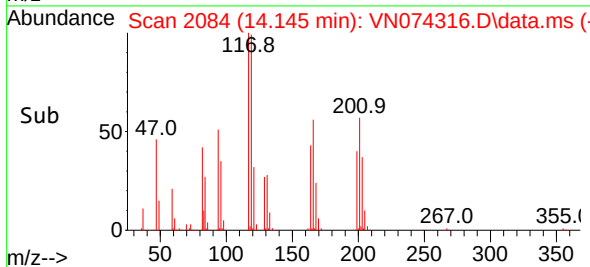
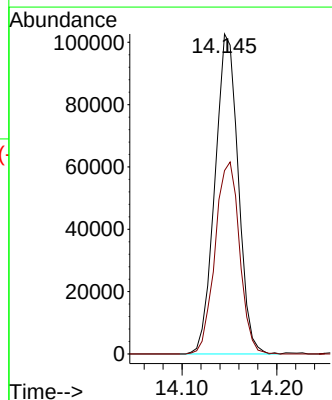
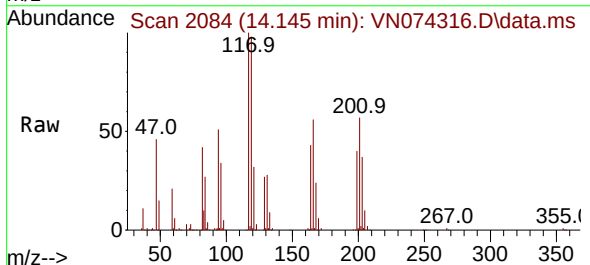
Manual Integrations
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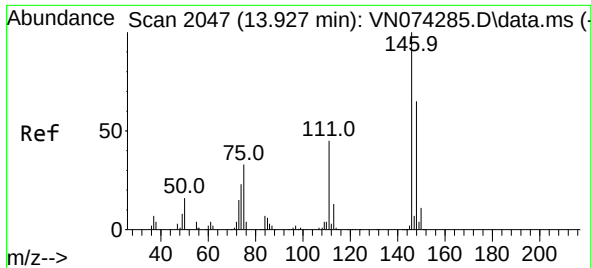
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#90
Hexachloroethane
Concen: 49.170 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Tgt Ion:117 Resp: 175185
Ion Ratio Lower Upper
117 100
201 63.0 40.6 122.0





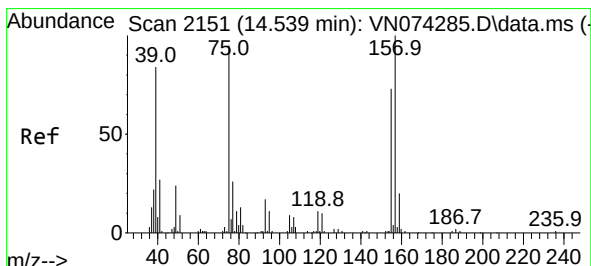
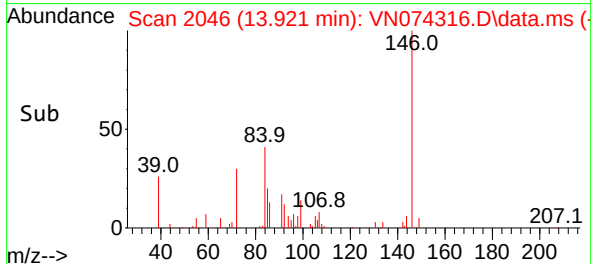
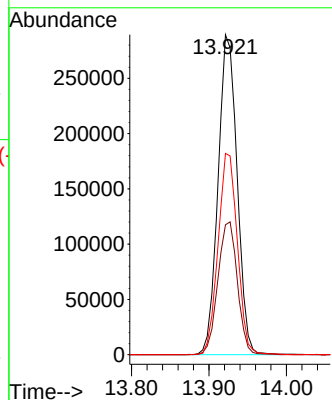
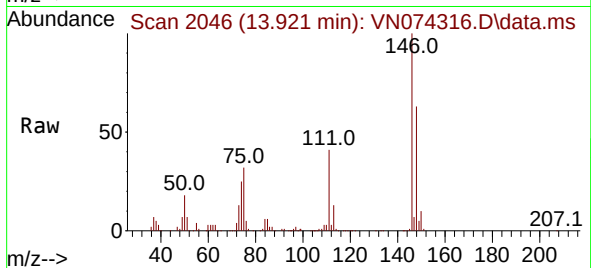
#91
1,2-Dichlorobenzene
Concen: 50.224 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.006 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 49506
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 63.7 32.1 96.3

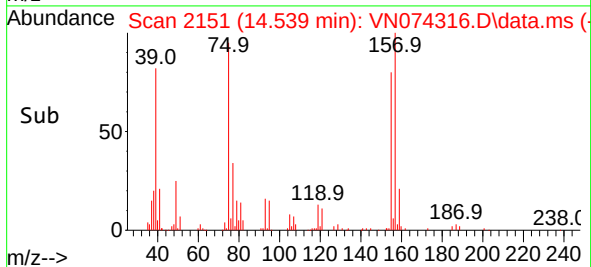
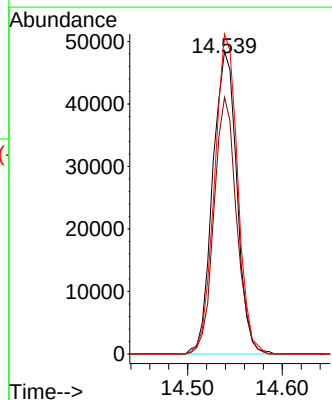
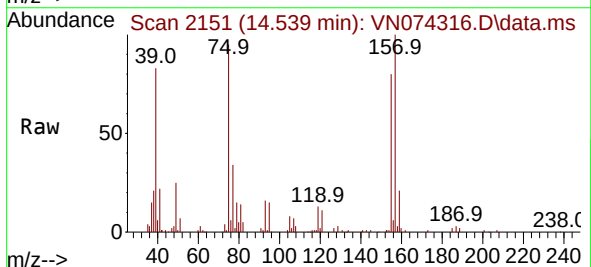
Manual Integrations
APPROVED

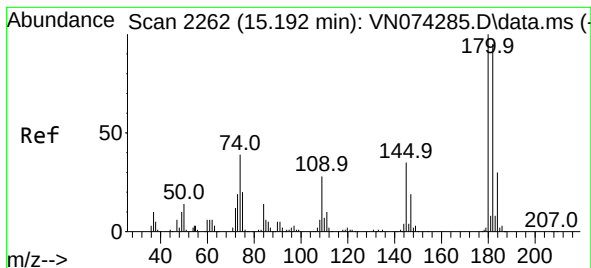
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.984 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN074316.D
Acq: 03 Sep 2022 14:20

Tgt Ion: 75 Resp: 85711
Ion Ratio Lower Upper
75 100
155 79.7 44.9 134.5
157 101.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 50.402 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

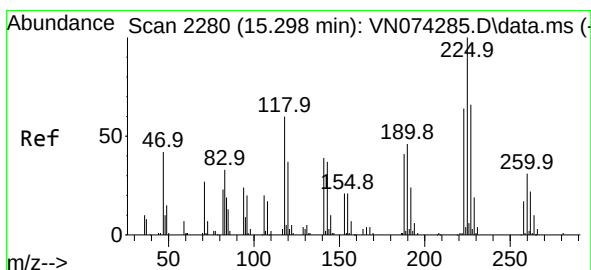
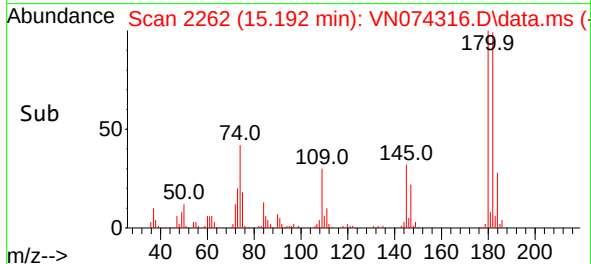
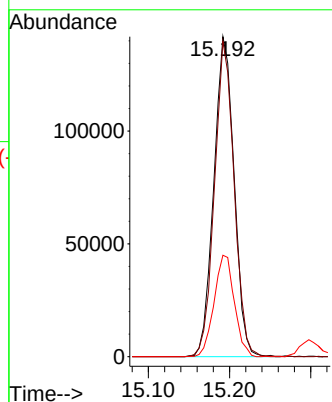
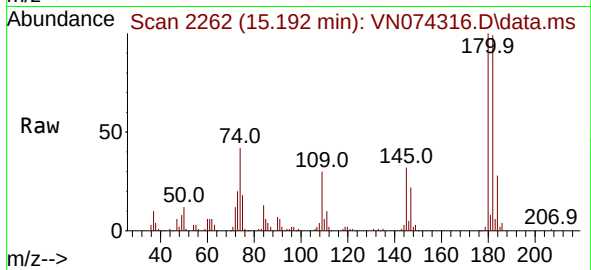
Tgt Ion:	180	Resp:	24600
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.5
145	31.7	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#94

Hexachlorobutadiene

Concen: 53.309 ug/l

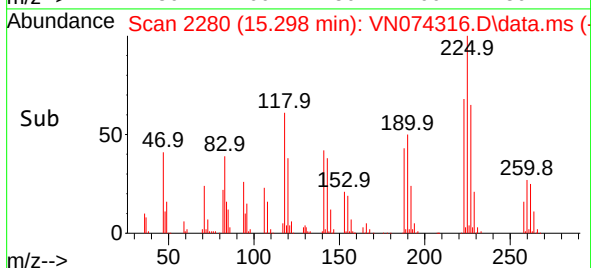
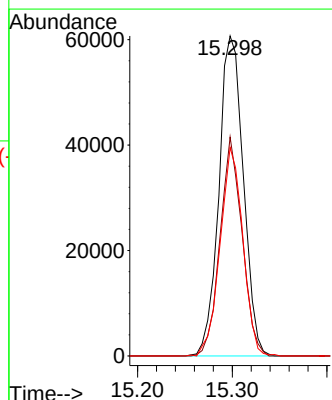
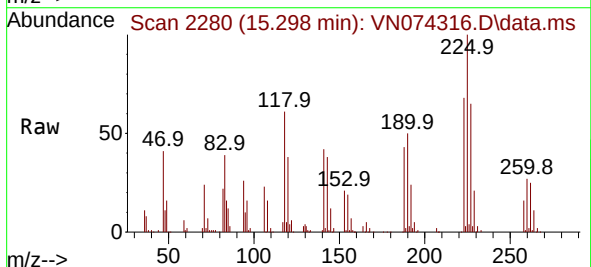
RT: 15.298 min Scan# 2280

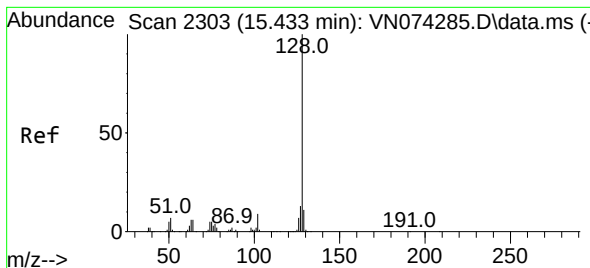
Delta R.T. -0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Tgt Ion:	225	Resp:	108866
Ion Ratio	Lower	Upper	
225	100		
223	61.7	32.4	97.2
227	60.7	31.8	95.4





#95

Naphthalene

Concen: 49.657 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 94966

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

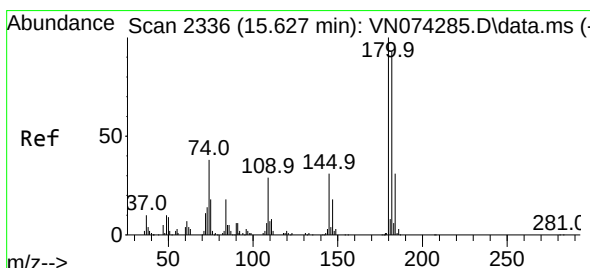
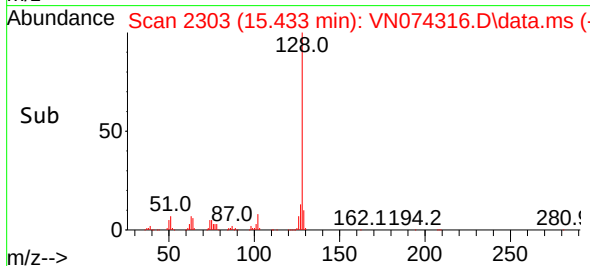
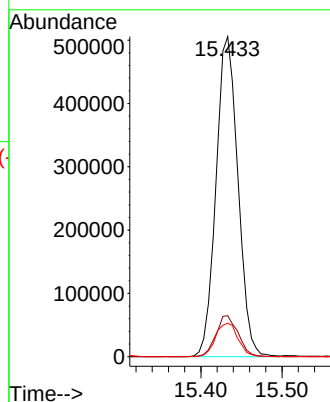
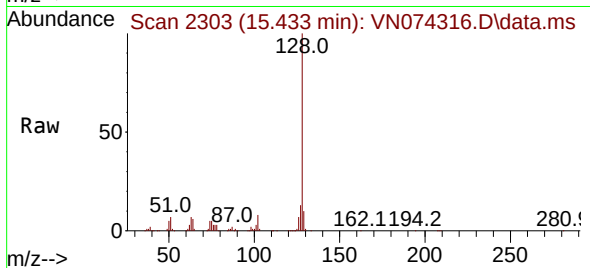
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/07/2022



#96

1,2,3-Trichlorobenzene

Concen: 50.679 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN074316.D

Acq: 03 Sep 2022 14:20

Tgt Ion:180 Resp: 251964

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 33.0 15.5 46.5

