

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074345.D
 Acq On : 06 Sep 2022 17:21
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Sep 07 02:42:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 02:37:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	553960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1036671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	906707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	380163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	79617	9.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.620%#		
35) Dibromofluoromethane	7.945	113	66854	9.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.380%#		
50) Toluene-d8	10.380	98	229921	8.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.140%#		
62) 4-Bromofluorobenzene	12.668	95	74544	8.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.300%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	76043	13.650	ug/l	97
3) Chloromethane	2.269	50	76724	10.323	ug/l	98
4) Vinyl Chloride	2.404	62	115936	8.625	ug/l	98
5) Bromomethane	2.810	94	50661	5.847	ug/l	93
6) Chloroethane	2.975	64	79493	7.621	ug/l	99
7) Trichlorofluoromethane	3.322	101	129028	12.452	ug/l	99
8) Diethyl Ether	3.769	74	48133	11.537	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	74857	12.039	ug/l	93
10) Methyl Iodide	4.351	142	32392	9.599	ug/l #	53
11) Tert butyl alcohol	5.281	59	83824	52.850	ug/l	99
12) 1,1-Dichloroethene	4.116	96	66484	11.755	ug/l	90
13) Acrolein	3.981	56	94025	79.349	ug/l	100
14) Allyl chloride	4.769	41	101246	11.316	ug/l	94
15) Acrylonitrile	5.481	53	233607	53.507	ug/l	99
16) Acetone	4.222	43	208307	56.760	ug/l	96
17) Carbon Disulfide	4.457	76	183043	12.903	ug/l	97
18) Methyl Acetate	4.775	43	113834	10.445	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	235888	10.818	ug/l	94
20) Methylene Chloride	5.010	84	87996	11.482	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	78690	12.353	ug/l	85
22) Diisopropyl ether	6.410	45	222910	10.791	ug/l	97
23) Vinyl Acetate	6.351	43	907861	50.697	ug/l	99
24) 1,1-Dichloroethane	6.310	63	142632	11.362	ug/l	97
25) 2-Butanone	7.263	43	325516	53.376	ug/l	98
26) 2,2-Dichloropropane	7.245	77	103955	10.312	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	89419	11.066	ug/l	98
28) Bromochloromethane	7.581	49	35898	8.305	ug/l #	8
29) Tetrahydrofuran	7.610	42	212376	54.237	ug/l	97
30) Chloroform	7.751	83	149495	10.777	ug/l	98
31) Cyclohexane	8.028	56	129568	10.951	ug/l #	94
32) 1,1,1-Trichloroethane	7.945	97	129984	11.272	ug/l	96
36) 1,1-Dichloropropene	8.157	75	103191	10.420	ug/l	98
37) Ethyl Acetate	7.339	43	114663	8.952	ug/l	98
38) Carbon Tetrachloride	8.133	117	106031	10.494	ug/l	98
39) Methylcyclohexane	9.398	83	124096	10.385	ug/l	97
40) Benzene	8.392	78	333199	10.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	56016	9.507	ug/l #	91
42) 1,2-Dichloroethane	8.463	62	120277	10.401	ug/l	98
43) Isopropyl Acetate	8.492	43	171484	9.321	ug/l	98
44) Trichloroethene	9.151	130	78151	10.488	ug/l	87
45) 1,2-Dichloropropane	9.427	63	82354	10.690	ug/l	100
46) Dibromomethane	9.516	93	61436	10.445	ug/l #	85
47) Bromodichloromethane	9.698	83	114474	10.558	ug/l	94
48) Methyl methacrylate	9.498	41	76304	9.288	ug/l #	87
49) 1,4-Dioxane	9.510	88	45222	211.800	ug/l	91
51) 4-Methyl-2-Pentanone	10.274	43	622131	48.535	ug/l	99
52) Toluene	10.445	92	205092	10.677	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	105794	9.683	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	118164	9.795	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	87295	10.654	ug/l	97
56) Ethyl methacrylate	10.704	69	114787	9.409	ug/l	98
57) 1,3-Dichloropropane	10.986	76	145810	10.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	278663	47.246	ug/l	98
59) 2-Hexanone	11.027	43	466079	48.022	ug/l	98
60) Dibromochloromethane	11.180	129	82218	10.017	ug/l	99
61) 1,2-Dibromoethane	11.286	107	82042	9.949	ug/l	97
64) Tetrachloroethene	10.916	164	62228	10.694	ug/l #	88
65) Chlorobenzene	11.710	112	210654	10.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	75668	10.218	ug/l	98
67) Ethyl Benzene	11.786	91	376125	10.222	ug/l	99
68) m/p-Xylenes	11.892	106	287154	20.780	ug/l	97
69) o-Xylene	12.221	106	140723	10.235	ug/l	98
70) Styrene	12.233	104	221641	10.094	ug/l	99
71) Bromoform	12.398	173	54567	10.107	ug/l #	100
73) Isopropylbenzene	12.521	105	351846	10.507	ug/l	100
74) N-amyl acetate	12.327	43	126212	9.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	133449	10.808	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	106155m	9.834	ug/l	
77) Bromobenzene	12.798	156	75819	10.203	ug/l	80
78) n-propylbenzene	12.857	91	394562	10.355	ug/l	96
79) 2-Chlorotoluene	12.945	91	249977	10.600	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	293243	10.895	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	30445	9.134	ug/l #	85
82) 4-Chlorotoluene	13.045	91	229652	10.397	ug/l	99
83) tert-Butylbenzene	13.262	119	251970	10.333	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	297499	10.940	ug/l	97
85) sec-Butylbenzene	13.439	105	346998	10.220	ug/l	99
86) p-Isopropyltoluene	13.551	119	277402	10.456	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	145689	10.755	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	141654	9.816	ug/l	95
89) n-Butylbenzene	13.880	91	208273	9.056	ug/l	96
90) Hexachloroethane	14.145	117	50946	9.848	ug/l	82
91) 1,2-Dichlorobenzene	13.927	146	146705	10.273	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	27665	10.254	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	67841	9.177	ug/l	98
94) Hexachlorobutadiene	15.298	225	33282	10.233	ug/l	99
95) Naphthalene	15.433	128	235021	8.019	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	70961	9.010	ug/l	96

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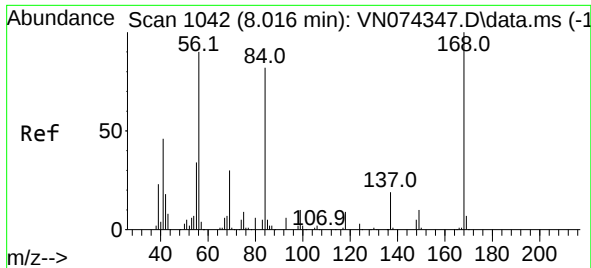
Manual Integrations
APPROVED

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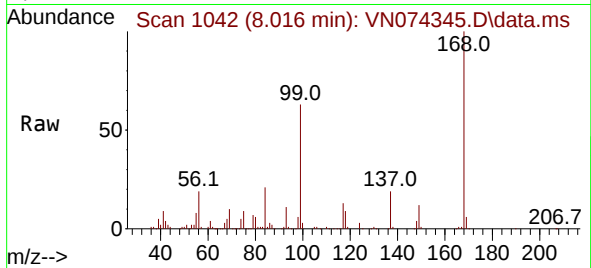
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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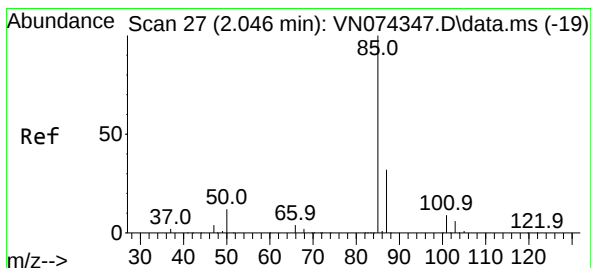
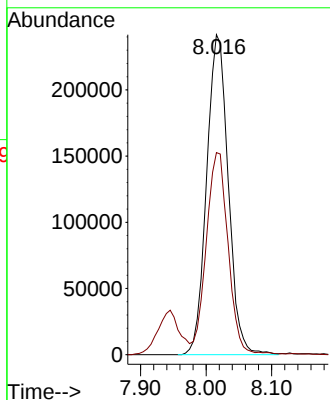
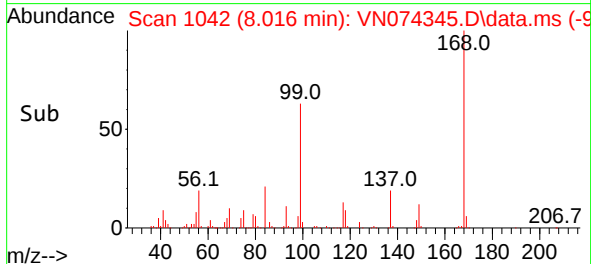
Instrument :
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VSTDIC010



Tgt Ion:168 Resp: 553960
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5

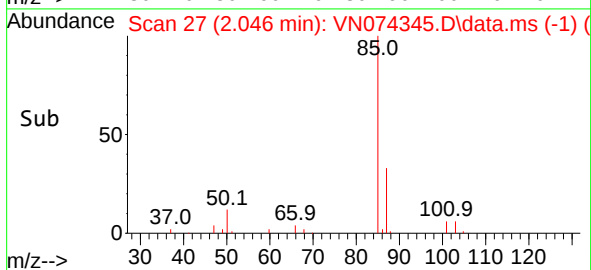
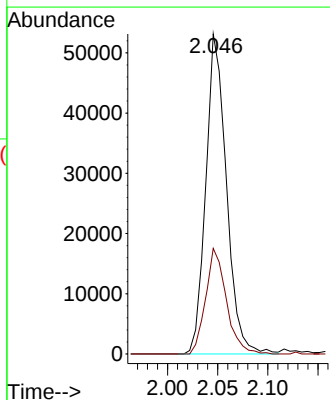
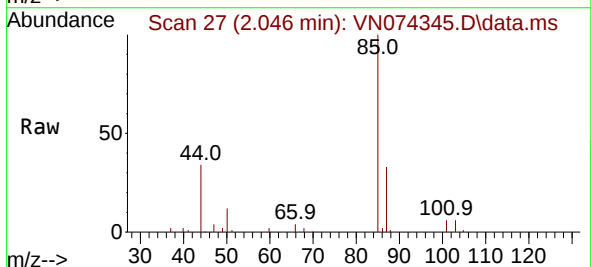
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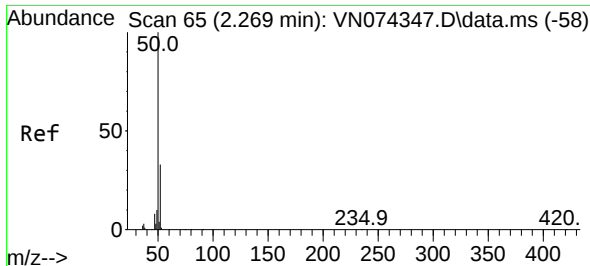
Reviewed By :John Carlone 09/07/2022
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#2
Dichlorodifluoromethane
Concen: 13.650 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion: 85 Resp: 76043
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.1





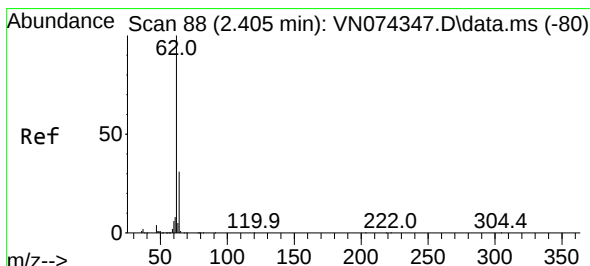
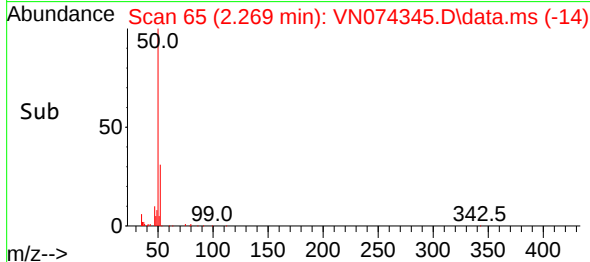
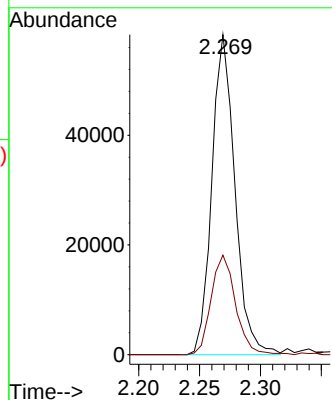
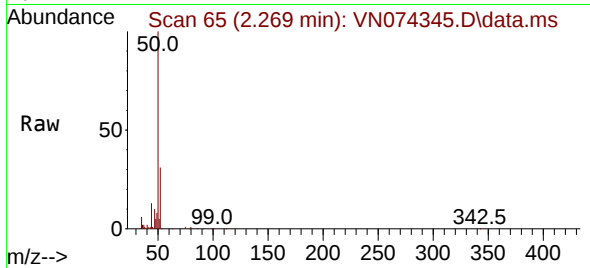
#3
Chloromethane
Concen: 10.323 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN074345.D
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Instrument :
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Tgt Ion: 50 Resp: 76724
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

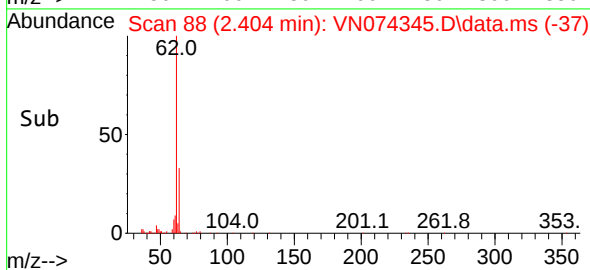
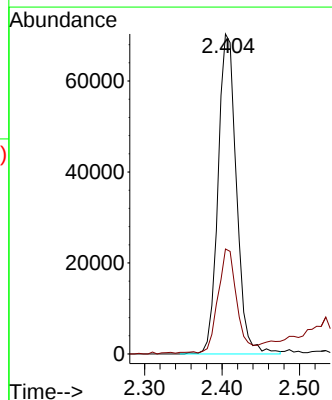
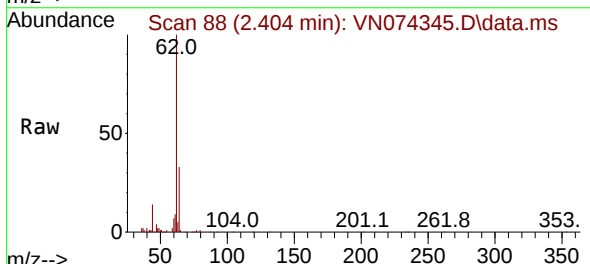
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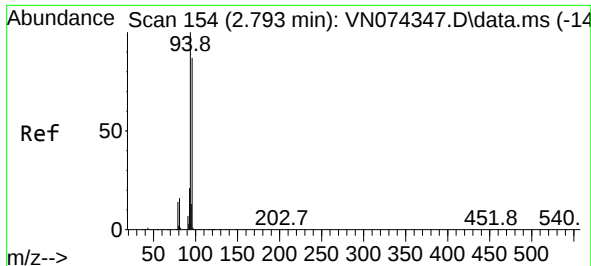
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#4
Vinyl Chloride
Concen: 8.625 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074345.D
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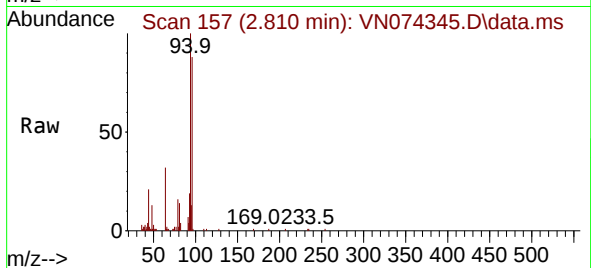
Tgt Ion: 62 Resp: 115936
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 5.847 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

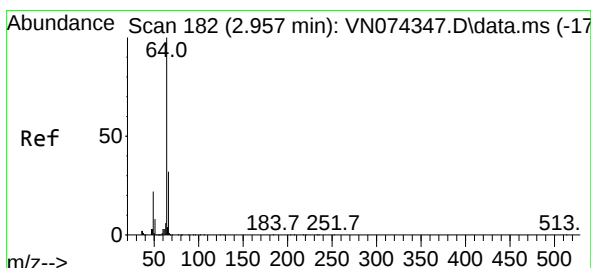
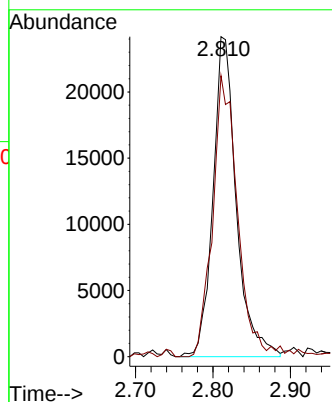
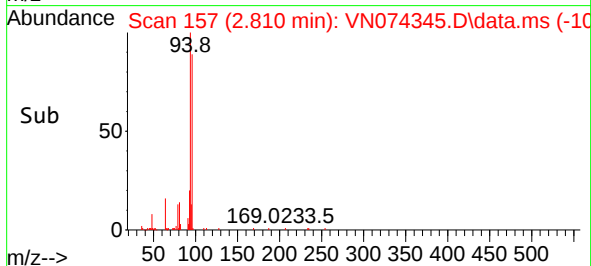
Instrument :
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Tgt Ion: 94 Resp: 5066
Ion Ratio Lower Upper
94 100
96 87.8 76.0 114.0

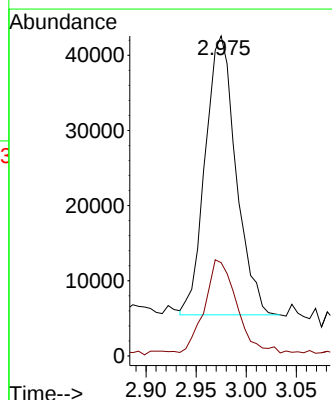
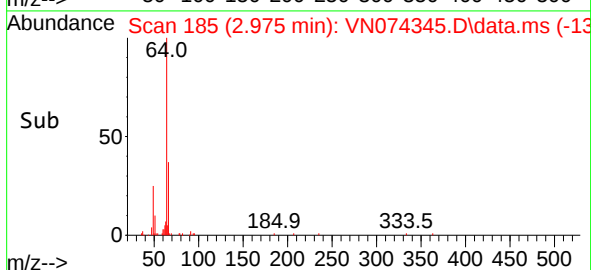
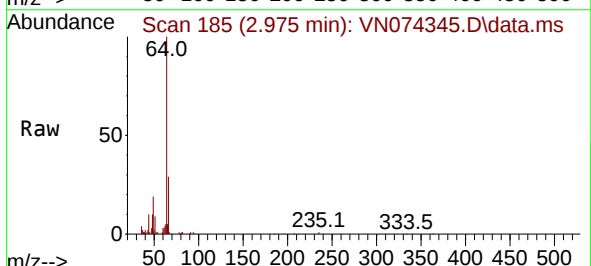
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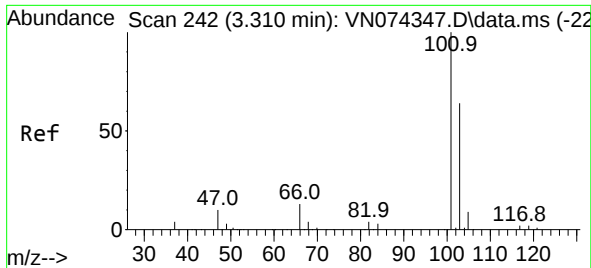
Reviewed By :John Carlone 09/07/2022
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#6
Chloroethane
Concen: 7.621 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.018 min
Lab File: VN074345.D
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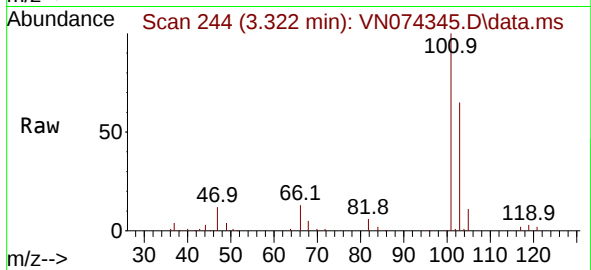
Tgt Ion: 64 Resp: 79493
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 12.452 ug/l
RT: 3.322 min Scan# 24
Delta R.T. 0.012 min
Lab File: VN074345.D
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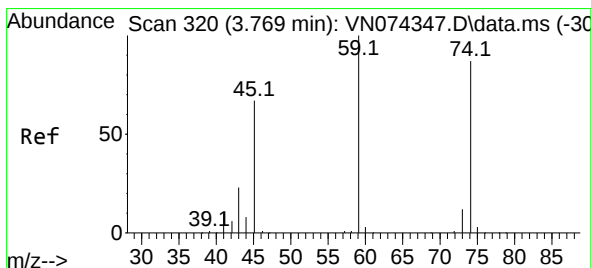
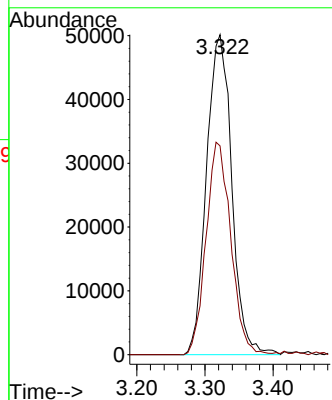
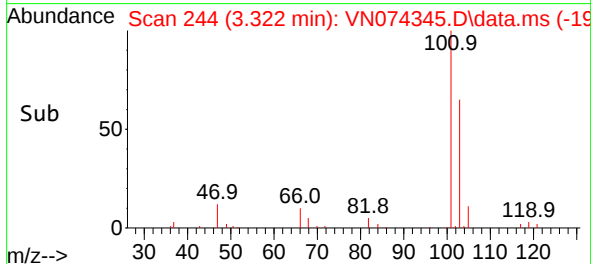
Instrument :
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ClientSampleId :
VSTDIC010



Tgt Ion:101 Resp: 129028
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

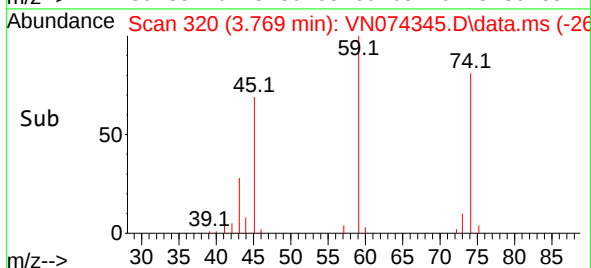
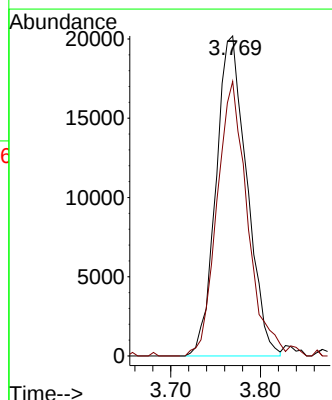
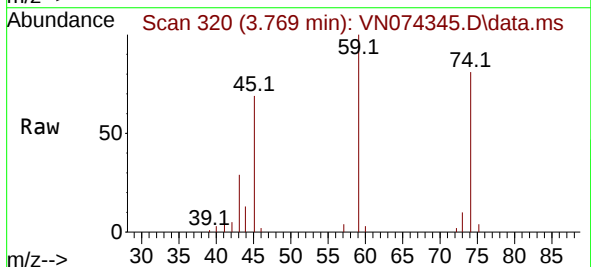
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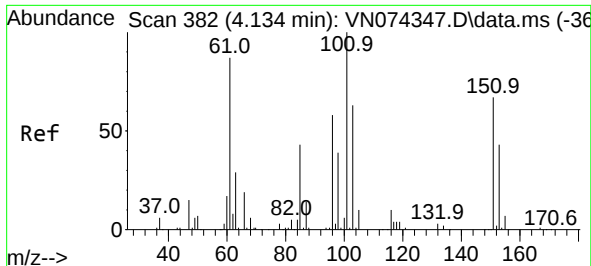
Reviewed By :John Carlone 09/07/2022
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#8
Diethyl Ether
Concen: 11.537 ug/l
RT: 3.769 min Scan# 320
Delta R.T. -0.000 min
Lab File: VN074345.D
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Tgt Ion: 74 Resp: 48133
Ion Ratio Lower Upper
74 100
45 84.5 42.9 128.5





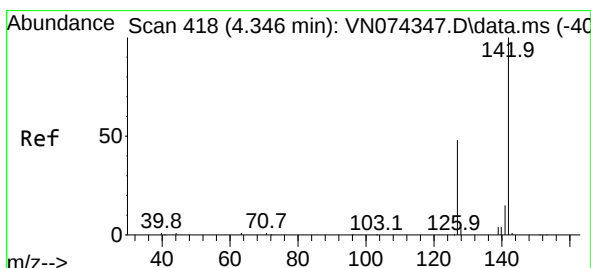
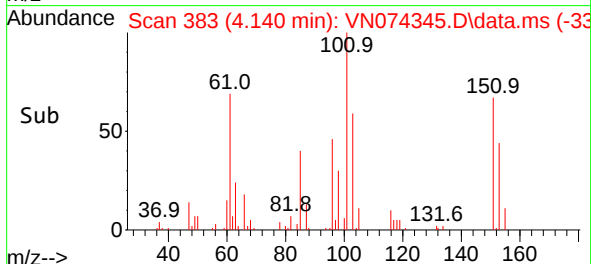
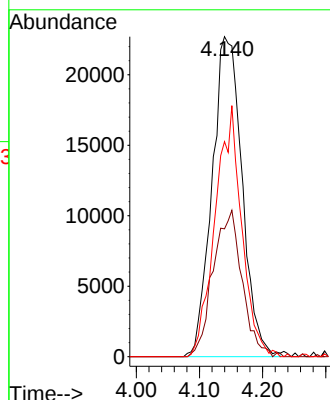
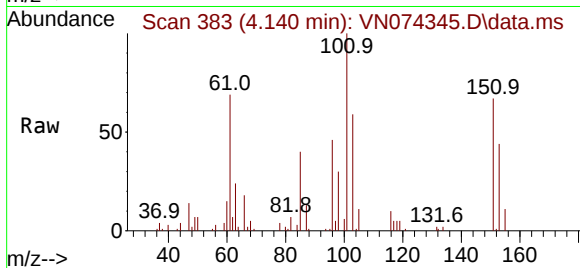
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.039 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion:101 Resp: 7485
Ion Ratio Lower Upper
101 100
85 44.3 34.7 52.1
151 69.5 63.0 94.4

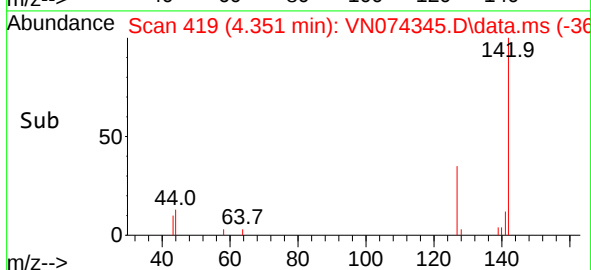
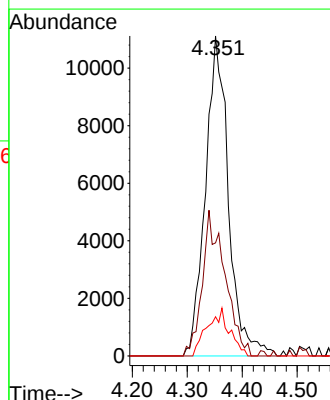
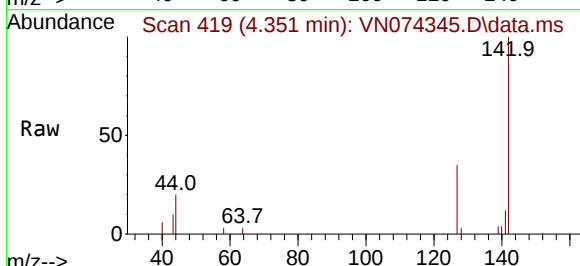
Manual Integrations
APPROVED

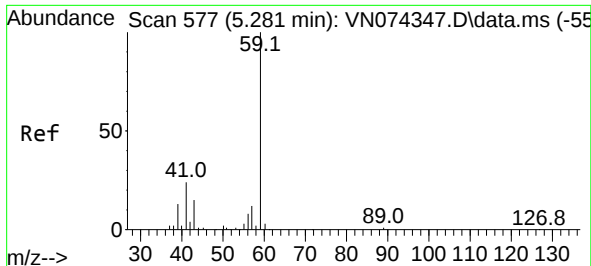
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#10
Methyl Iodide
Concen: 9.599 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

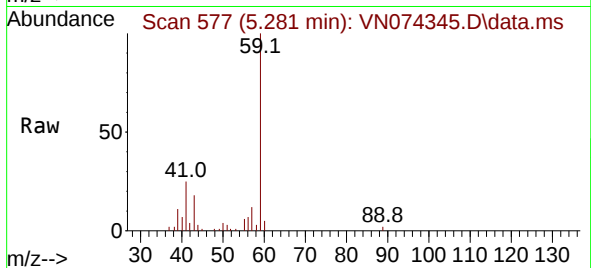
Tgt Ion:142 Resp: 32392
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 52.850 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

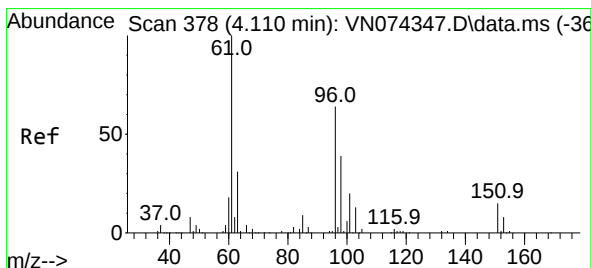
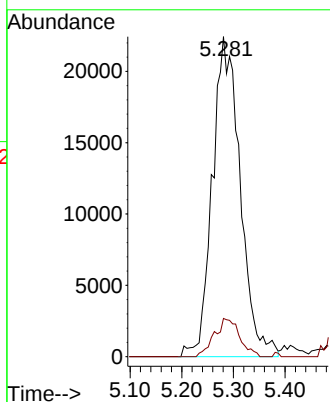
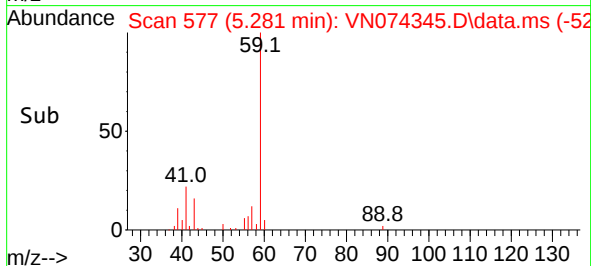
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 59 Resp: 83824
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

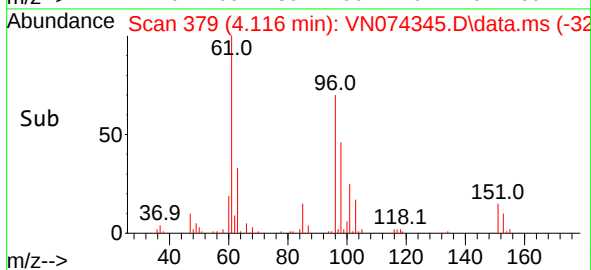
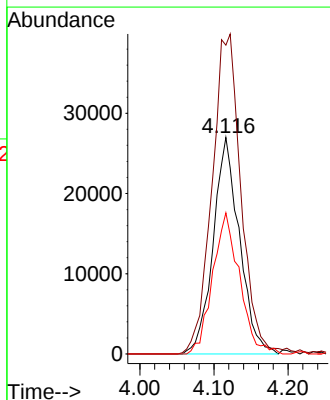
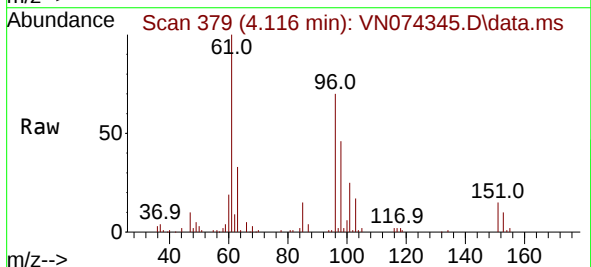
Manual Integrations
APPROVED

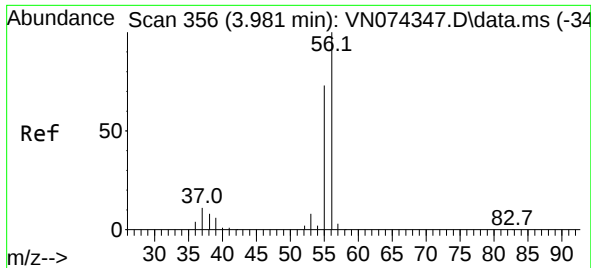
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#12
1,1-Dichloroethene
Concen: 11.755 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

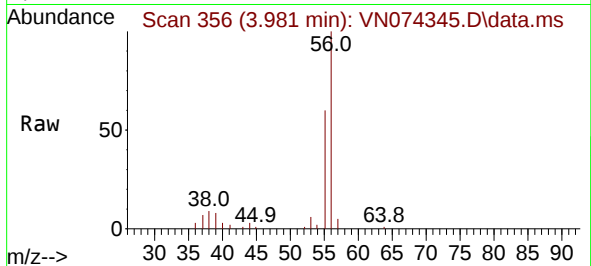
Tgt Ion: 96 Resp: 66484
Ion Ratio Lower Upper
96 100
61 142.6 127.6 191.4
98 65.2 51.2 76.8





#13
Acrolein
Concen: 79.349 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

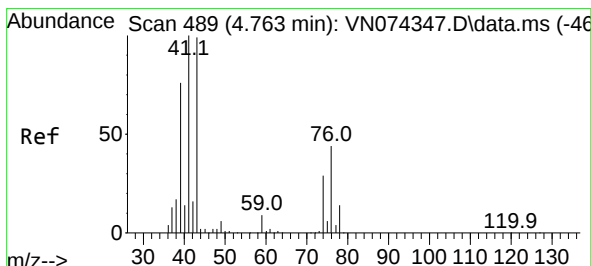
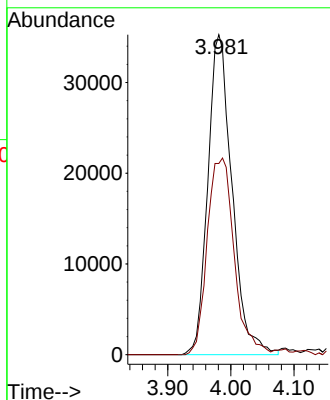
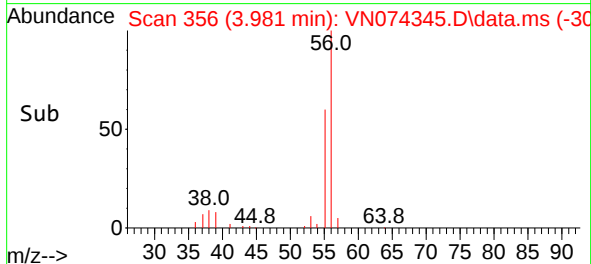
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 94025
Ion Ratio Lower Upper
56 100
55 68.2 54.8 82.2

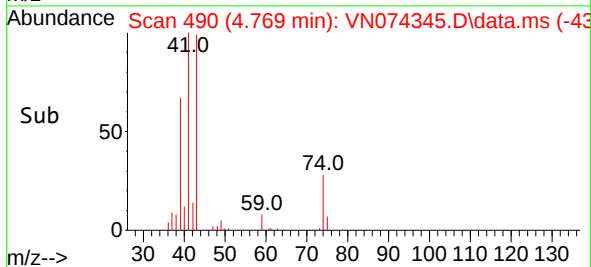
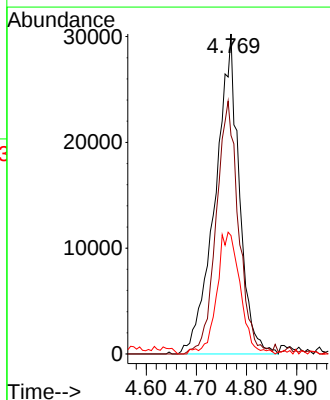
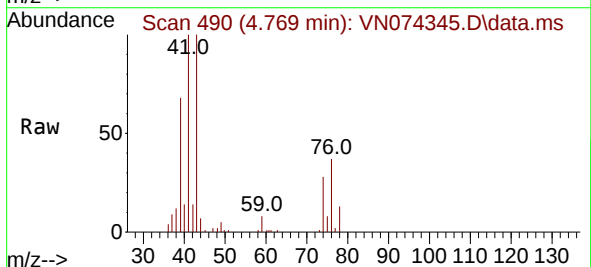
Manual Integrations
APPROVED

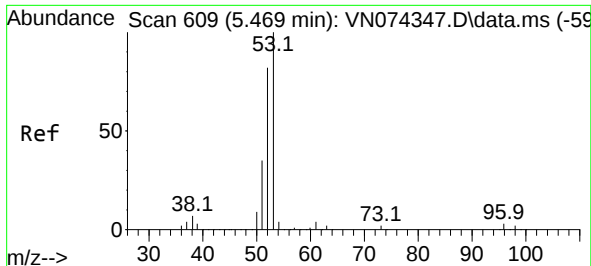
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#14
Allyl chloride
Concen: 11.316 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

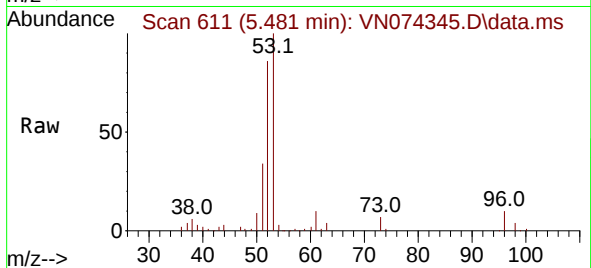
Tgt Ion: 41 Resp: 101246
Ion Ratio Lower Upper
41 100
39 73.6 53.2 79.8
76 36.8 29.9 44.9





#15
Acrylonitrile
Concen: 53.507 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

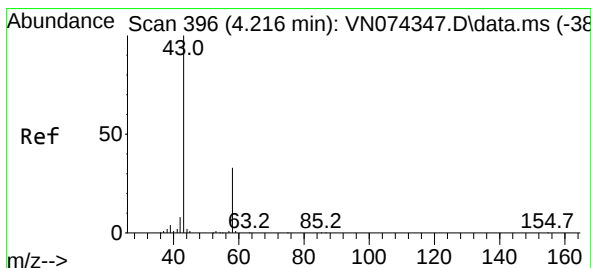
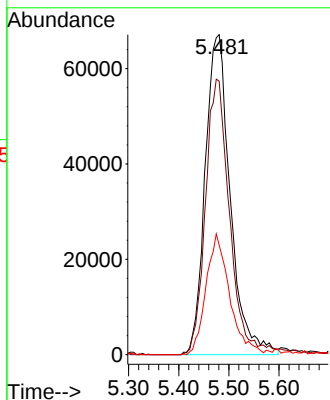
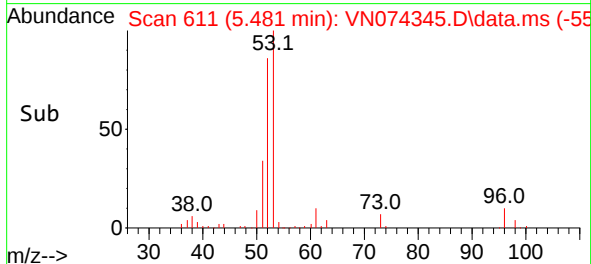
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



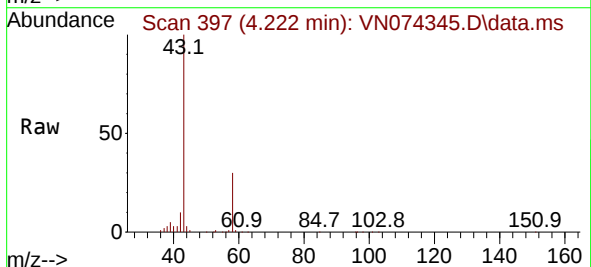
Tgt Ion: 53 Resp: 233607
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

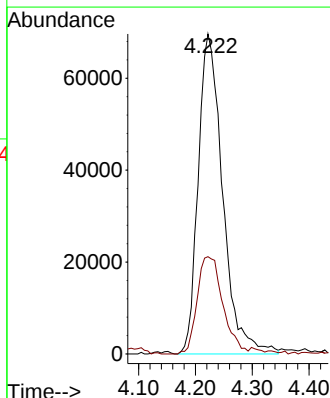
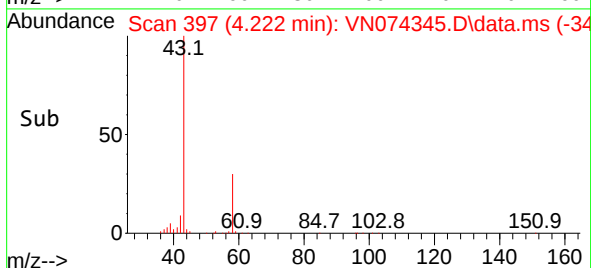
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

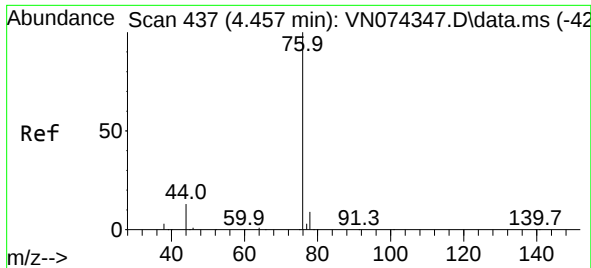


#16
Acetone
Concen: 56.760 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



Tgt Ion: 43 Resp: 208307
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0





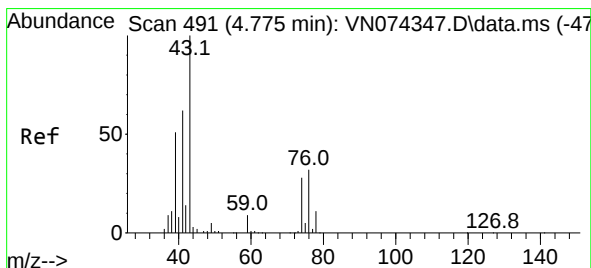
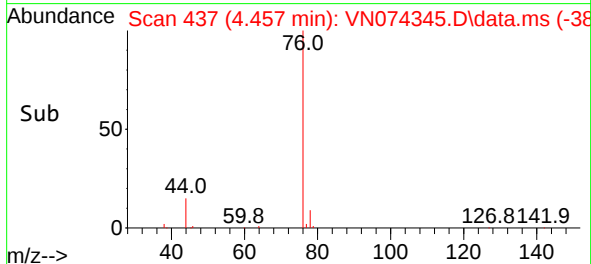
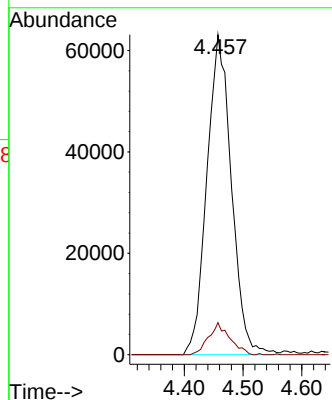
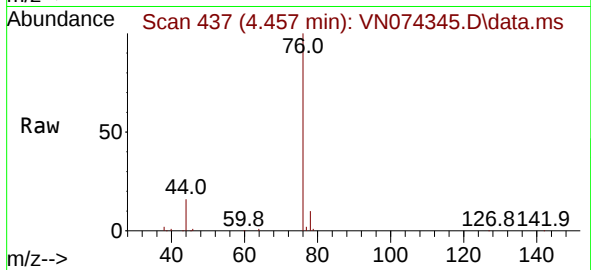
#17
Carbon Disulfide
Concen: 12.903 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 18304
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

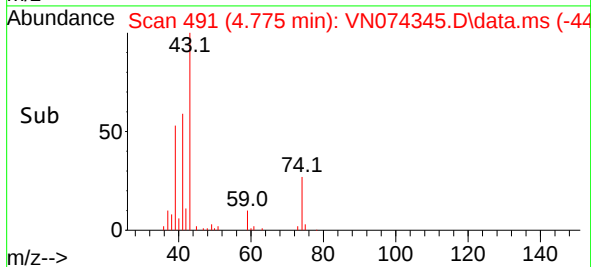
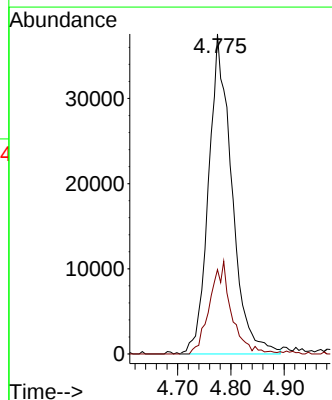
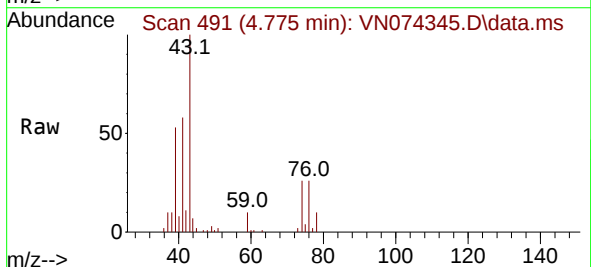
Manual Integrations
APPROVED

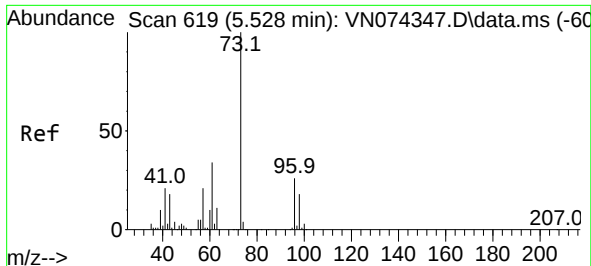
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#18
Methyl Acetate
Concen: 10.445 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

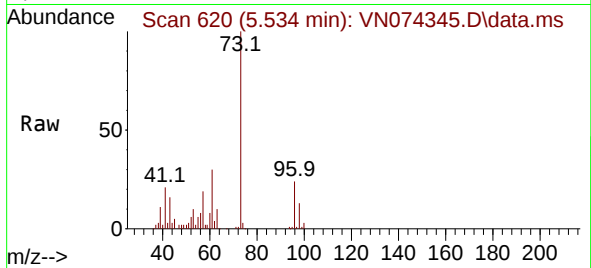
Tgt Ion: 43 Resp: 113834
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 10.818 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

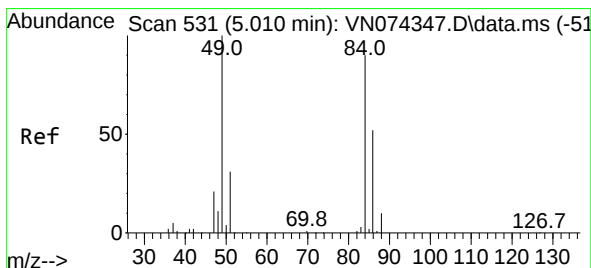
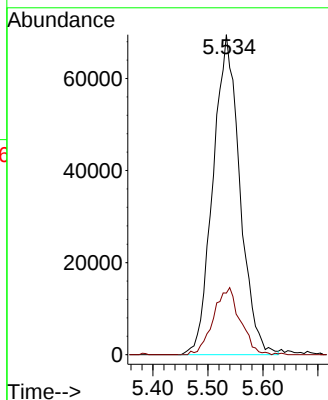
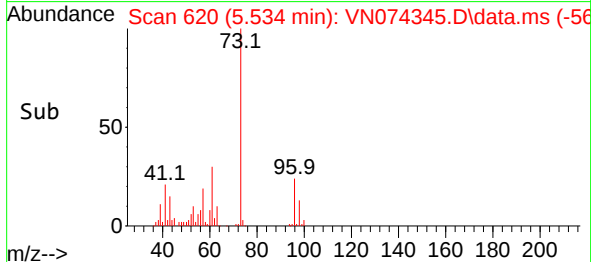
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 23588
Ion Ratio Lower Upper
73 100
57 19.2 17.6 26.4

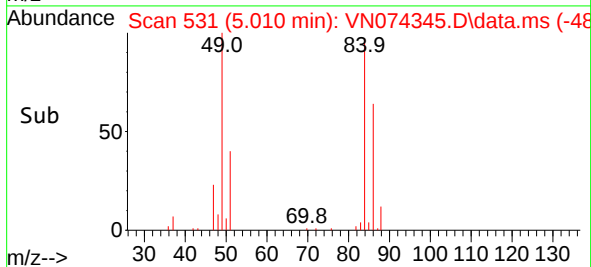
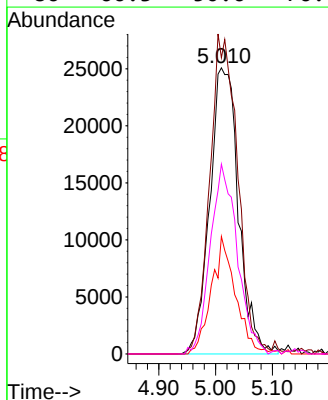
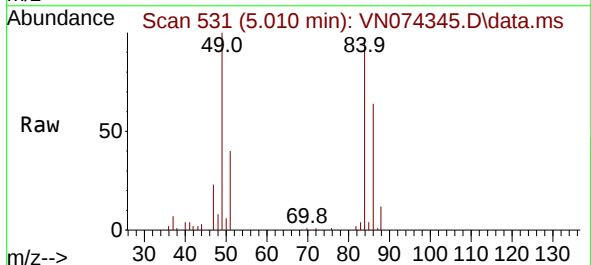
Manual Integrations
APPROVED

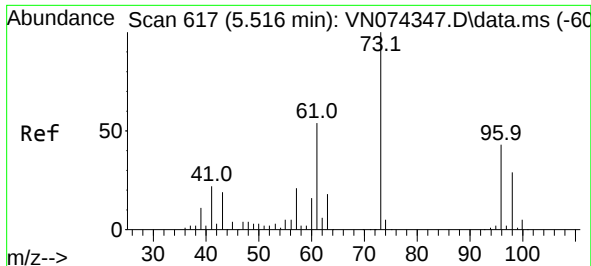
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#20
Methylene Chloride
Concen: 11.482 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

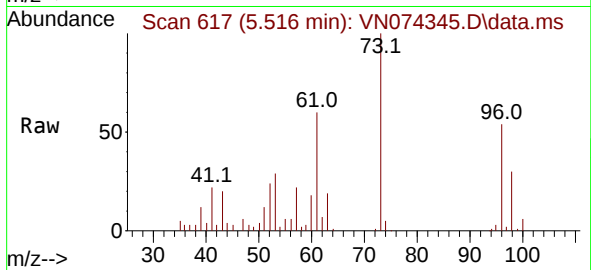
Tgt Ion: 84 Resp: 87996
Ion Ratio Lower Upper
84 100
49 103.5 88.3 132.5
51 41.1 28.2 42.2
86 66.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 12.353 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

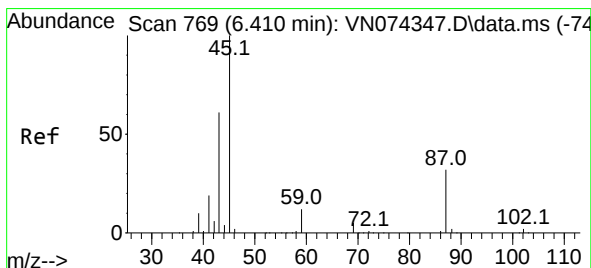
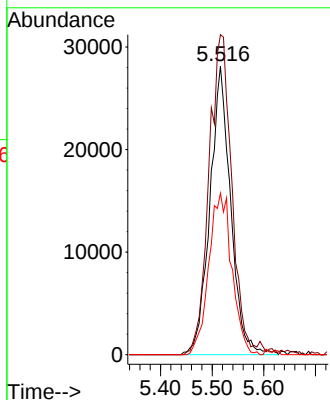
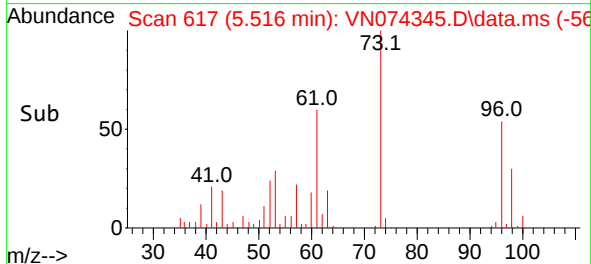
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 78690
Ion Ratio Lower Upper
96 100
61 110.9 105.8 158.8
98 56.0 50.3 75.5

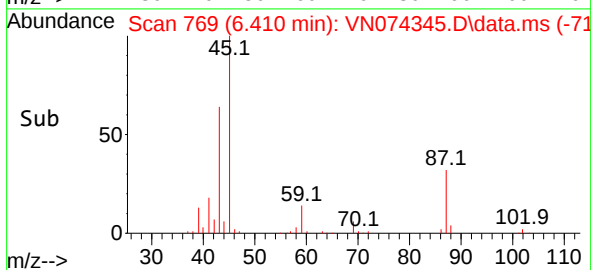
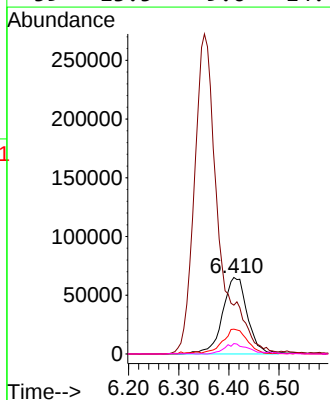
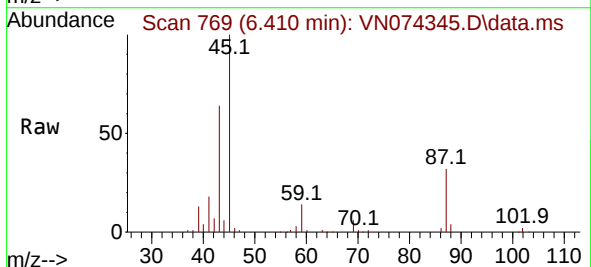
Manual Integrations
APPROVED

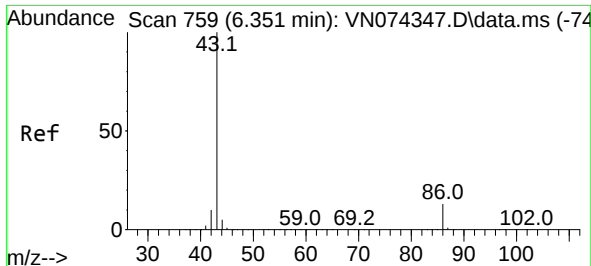
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#22
Diisopropyl ether
Concen: 10.791 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

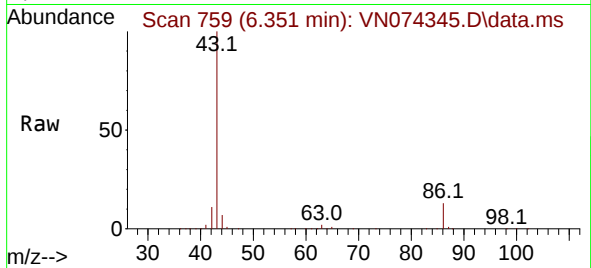
Tgt Ion: 45 Resp: 222910
Ion Ratio Lower Upper
45 100
43 60.9 46.6 70.0
87 31.9 24.3 36.5
59 13.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 50.697 ug/l
 RT: 6.351 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074345.D
 Acq: 06 Sep 2022 17:21

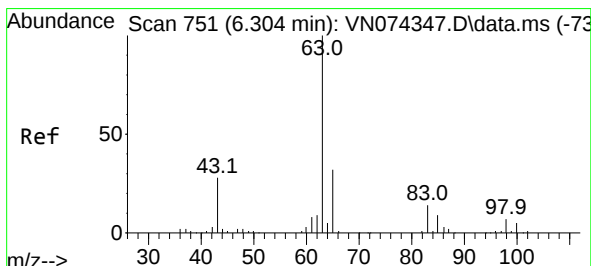
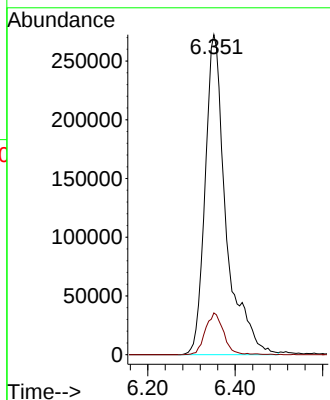
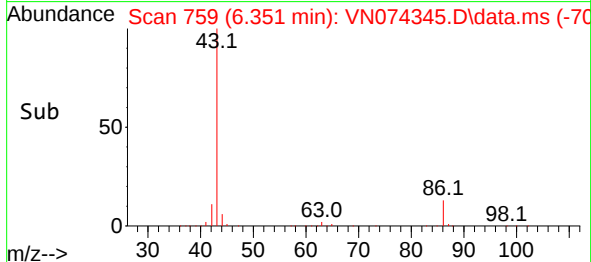
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



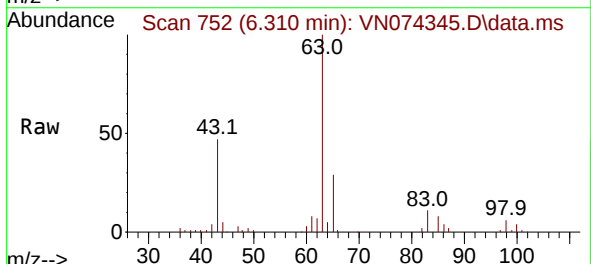
Tgt Ion: 43 Resp: 90786
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.0 15.0

Manual Integrations
 APPROVED

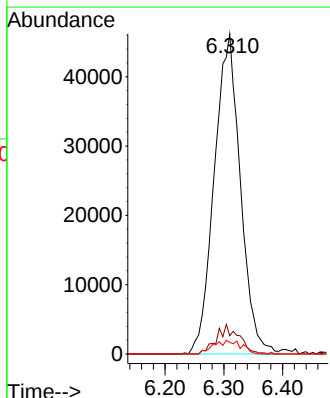
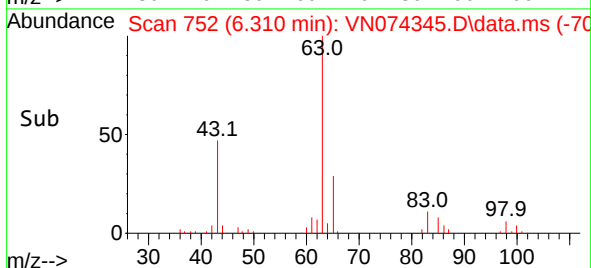
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022

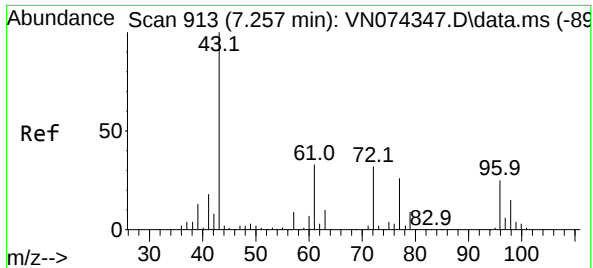


#24
 1,1-Dichloroethane
 Concen: 11.362 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN074345.D
 Acq: 06 Sep 2022 17:21



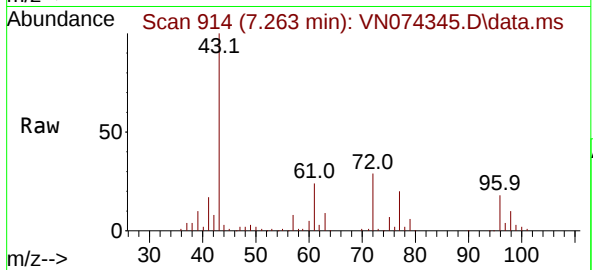
Tgt Ion: 63 Resp: 142632
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.4
 100 3.6 2.3 6.8





#25
2-Butanone
Concen: 53.376 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

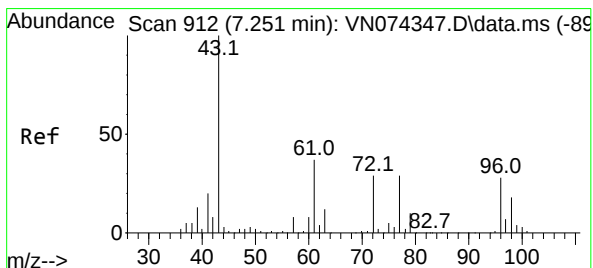
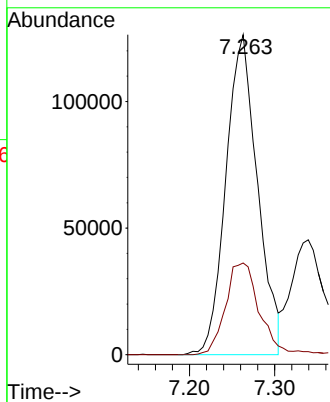
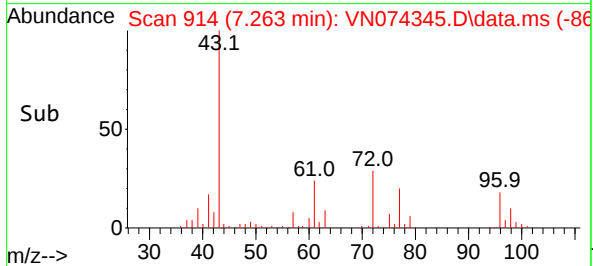
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 325510
Ion Ratio Lower Upper
43 100
72 28.6 23.7 35.5

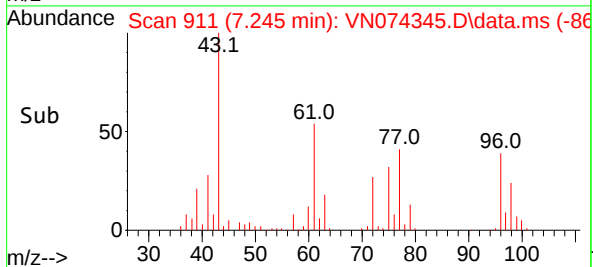
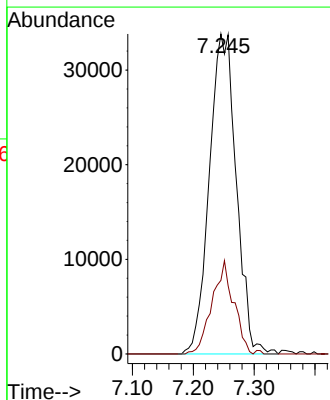
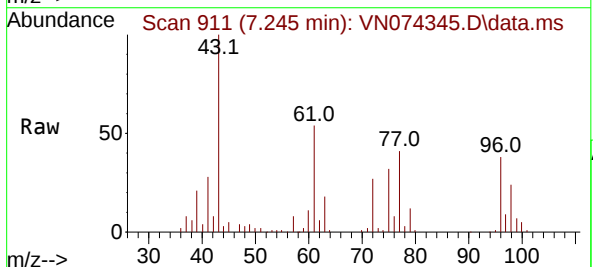
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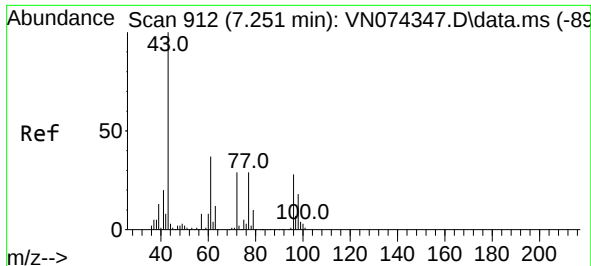
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#26
2,2-Dichloropropane
Concen: 10.312 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

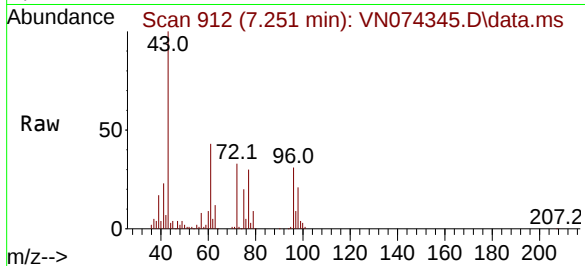
Tgt Ion: 77 Resp: 103955
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 11.066 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. -0.000 min
 Lab File: VN074345.D
 Acq: 06 Sep 2022 17:21

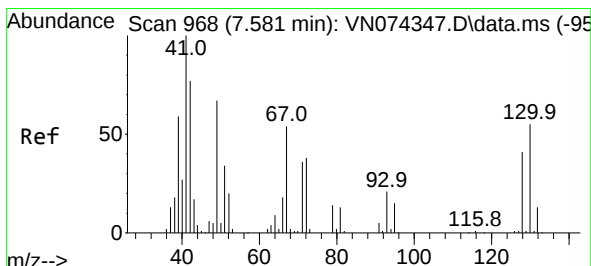
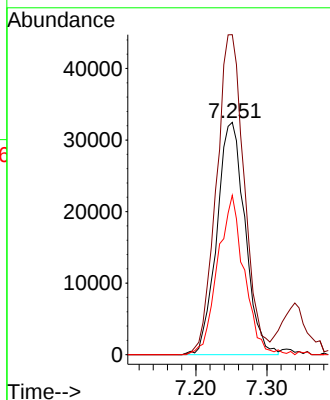
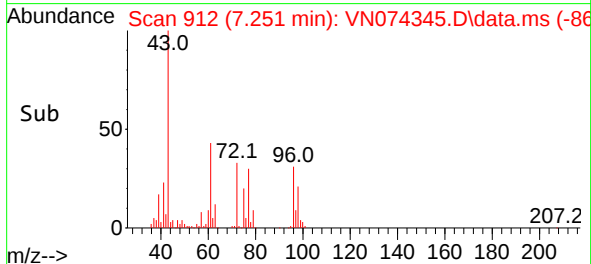
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 89419
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 280.6
 98 64.8 0.0 128.4

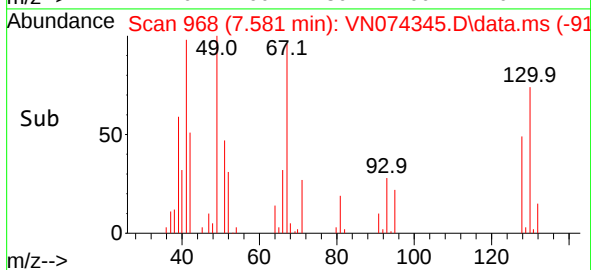
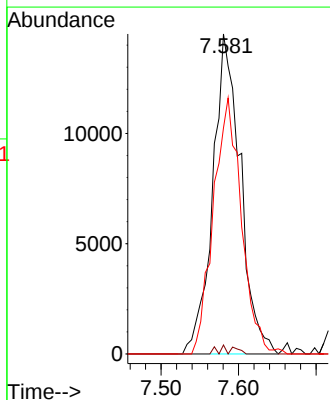
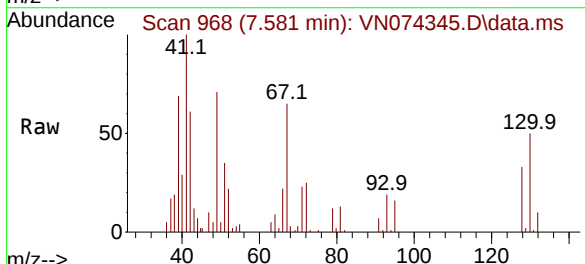
Manual Integrations
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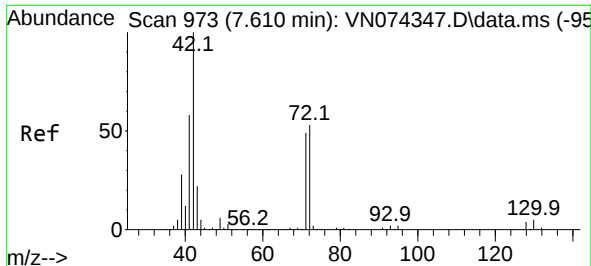
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022



#28
 Bromochloromethane
 Concen: 8.305 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN074345.D
 Acq: 06 Sep 2022 17:21

Tgt Ion: 49 Resp: 35898
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.6
 130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 54.237 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 212370

Ion Ratio Lower Upper

42 100

72 51.6 39.7 59.5

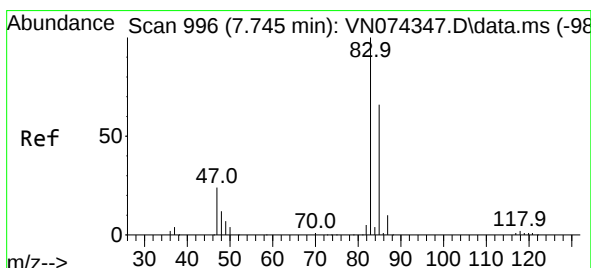
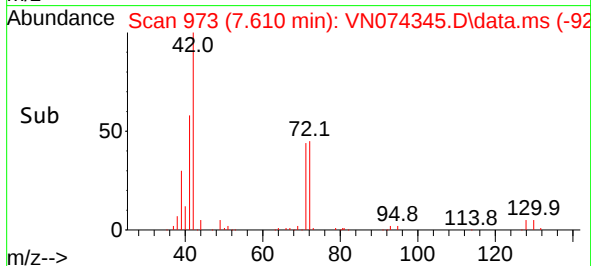
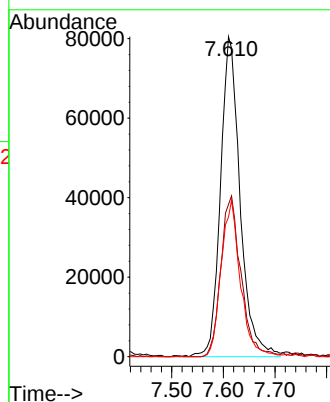
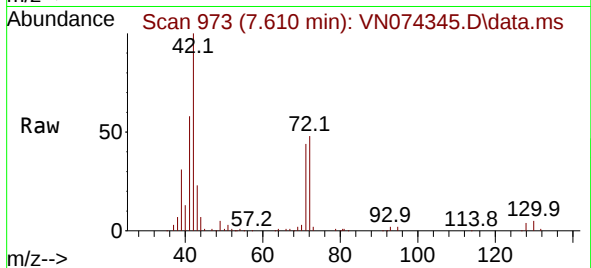
71 47.9 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#30

Chloroform

Concen: 10.777 ug/l

RT: 7.751 min Scan# 997

Delta R.T. 0.006 min

Lab File: VN074345.D

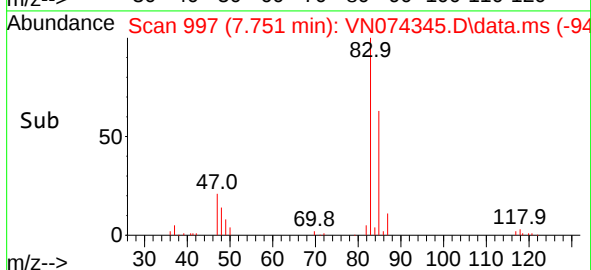
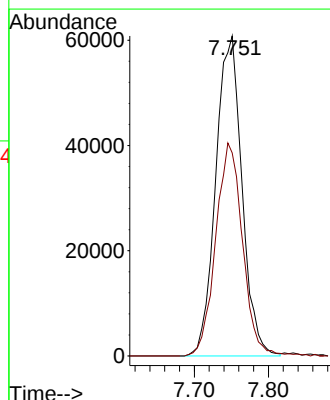
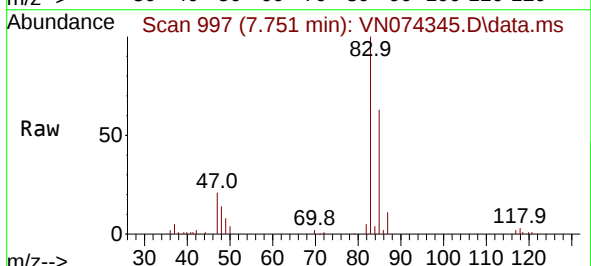
Acq: 06 Sep 2022 17:21

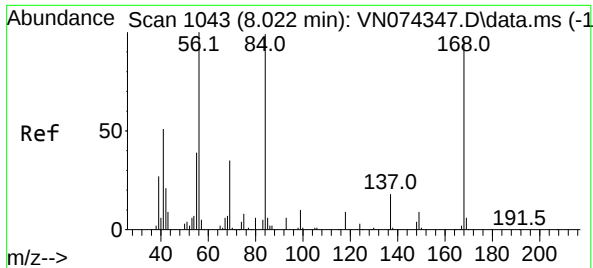
Tgt Ion: 83 Resp: 149495

Ion Ratio Lower Upper

83 100

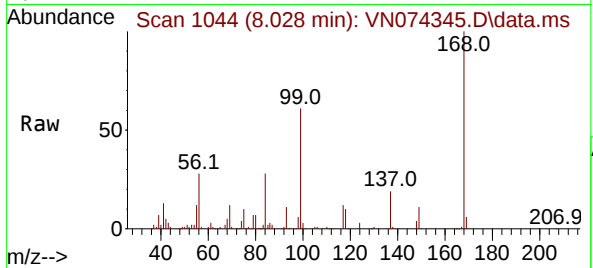
85 63.5 51.8 77.8





#31
Cyclohexane
Concen: 10.951 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

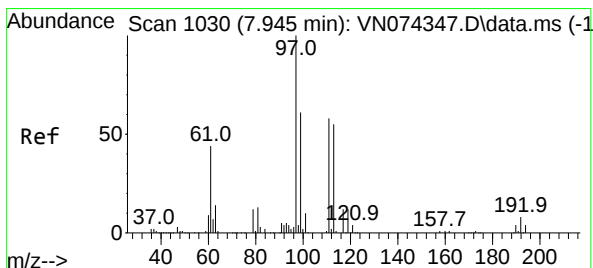
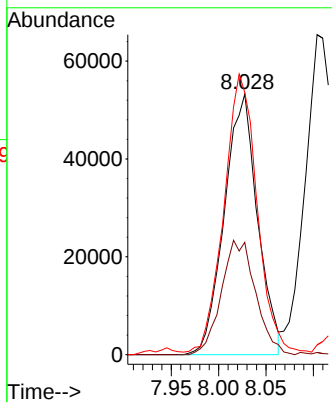
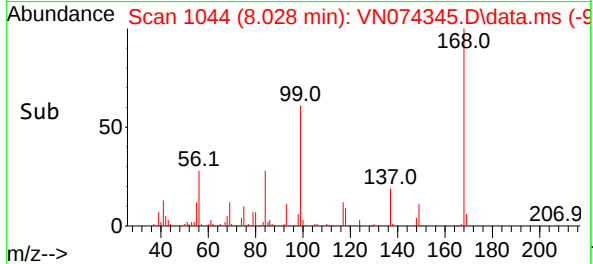
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 12956
Ion Ratio Lower Upper
56 100
69 43.1 27.8 41.8
84 99.4 76.9 115.3

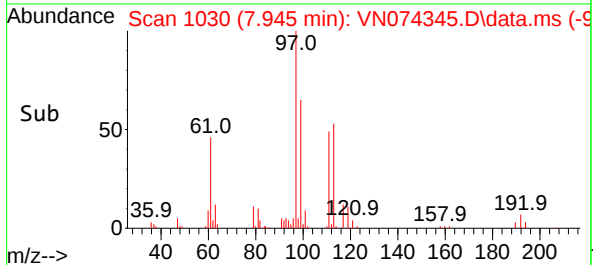
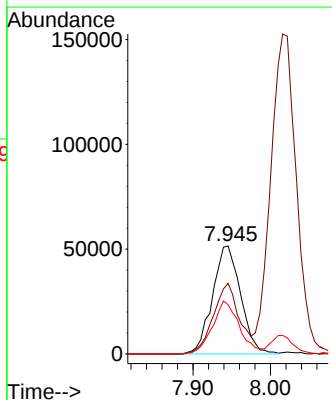
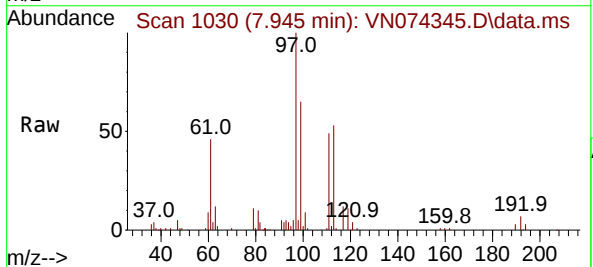
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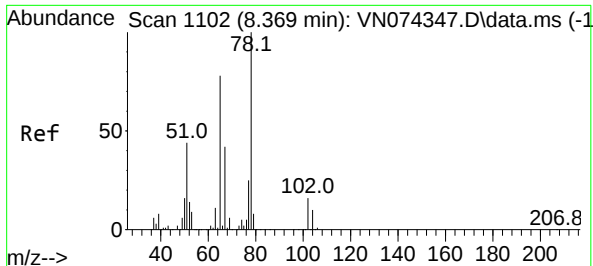
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#32
1,1,1-Trichloroethane
Concen: 11.272 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion: 97 Resp: 129984
Ion Ratio Lower Upper
97 100
99 60.1 50.6 76.0
61 47.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 9.309 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 7961

Ion Ratio Lower Upper

65 100

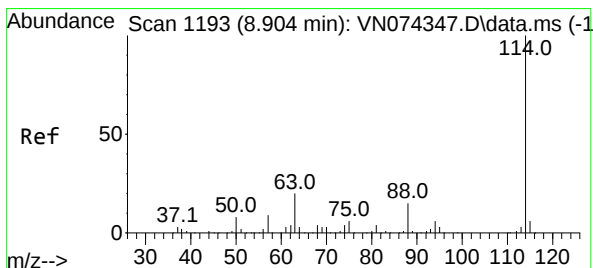
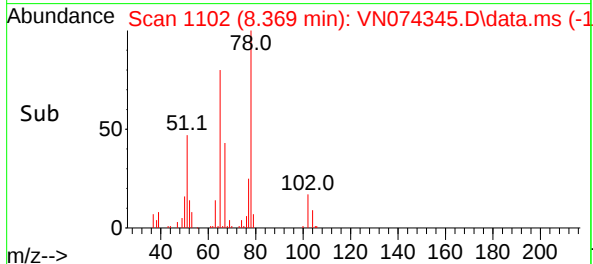
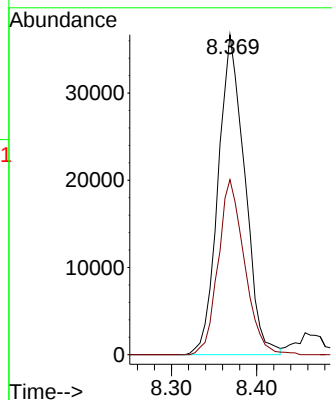
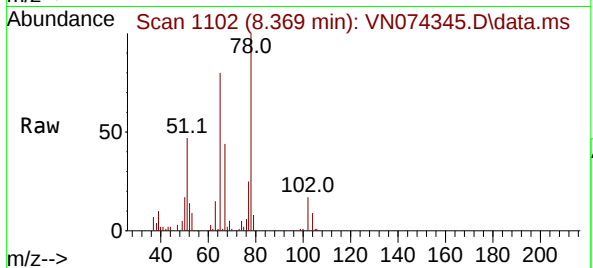
67 54.2 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 09/07/2022

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: VN074345.D

Acq: 06 Sep 2022 17:21

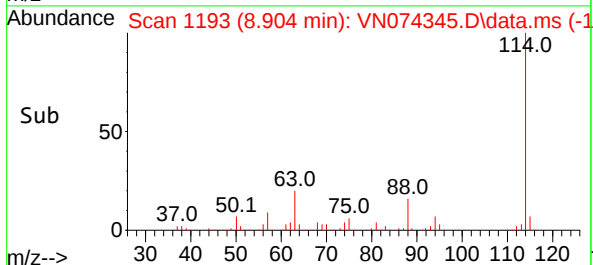
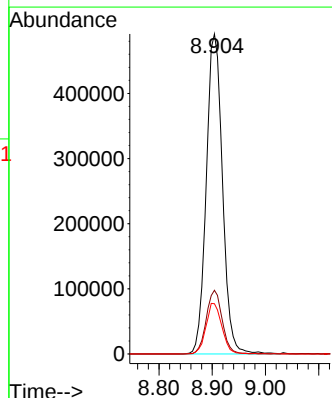
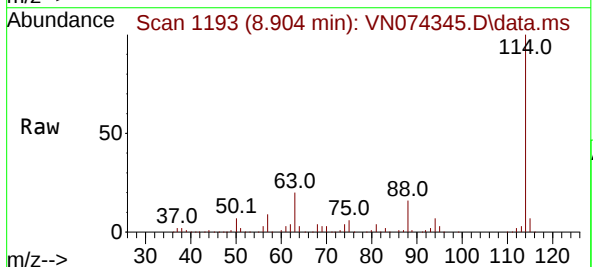
Tgt Ion:114 Resp: 1036671

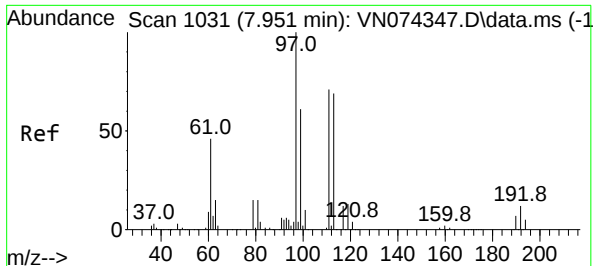
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 9.693 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

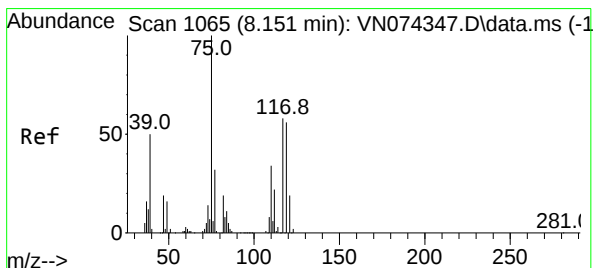
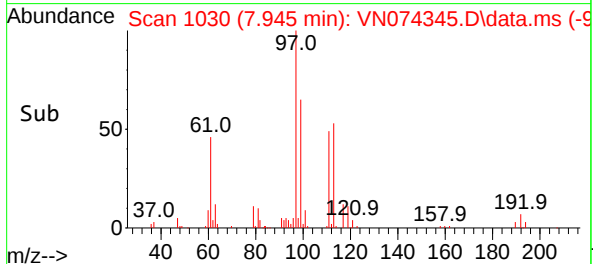
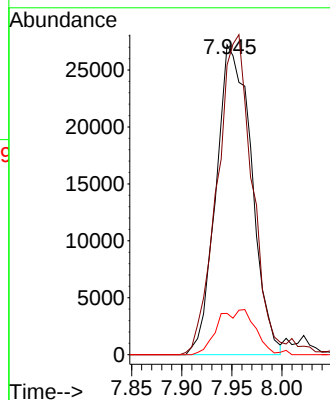
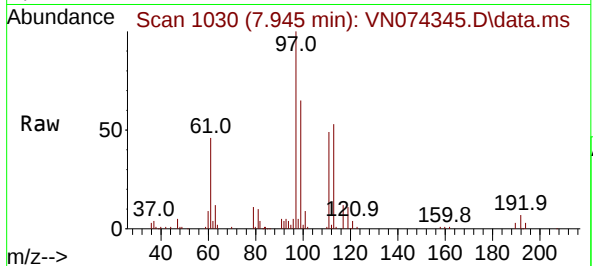
Tgt Ion:	113	Resp:	6685
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.0
192	15.7	17.0	25.6

Manual Integrations

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Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#36

1,1-Dichloropropene

Concen: 10.420 ug/l

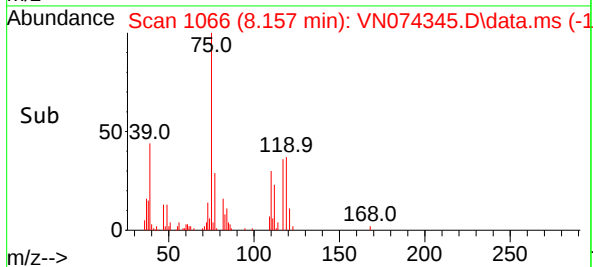
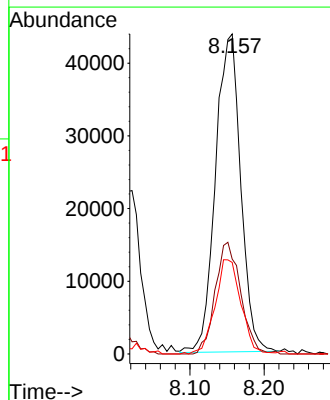
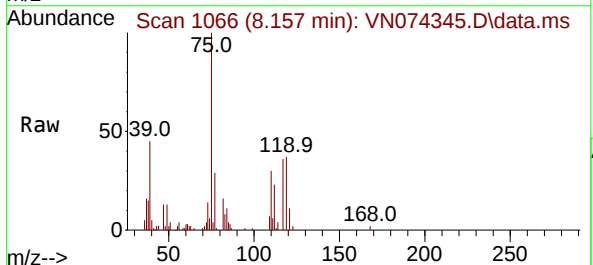
RT: 8.157 min Scan# 1066

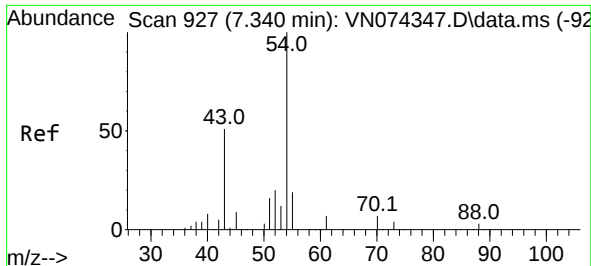
Delta R.T. 0.006 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Tgt Ion:	75	Resp:	103191
Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.3	54.8
77	30.5	25.1	37.7





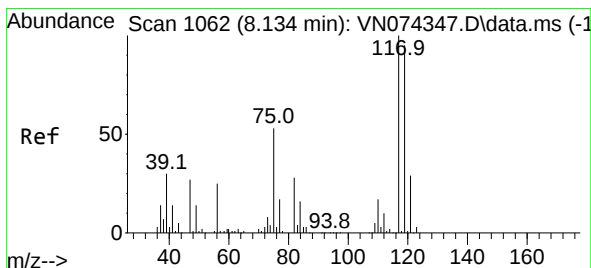
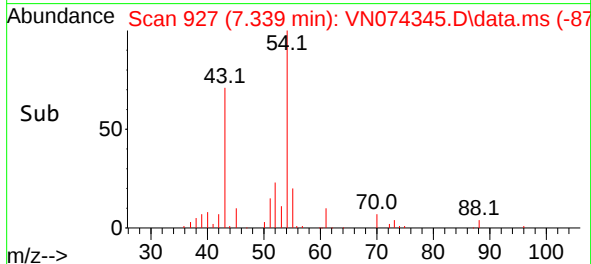
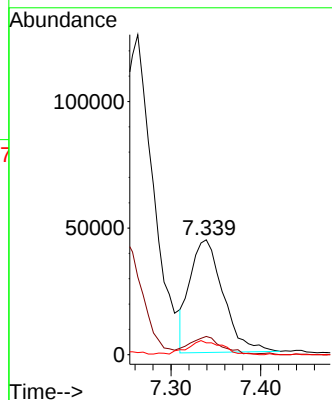
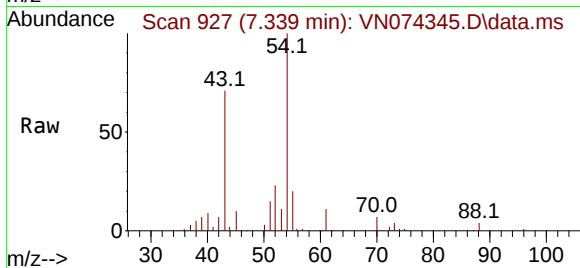
#37
Ethyl Acetate
Concen: 8.952 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 11466
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 13.2 9.3 13.9

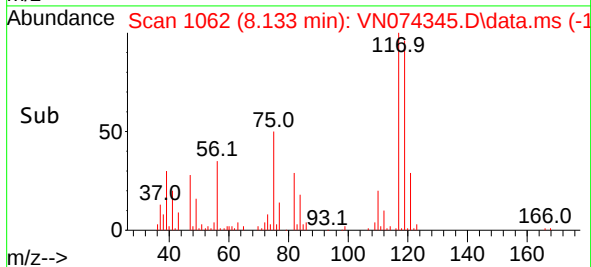
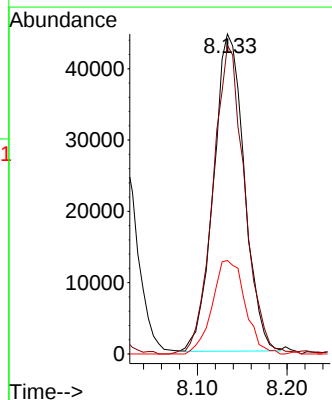
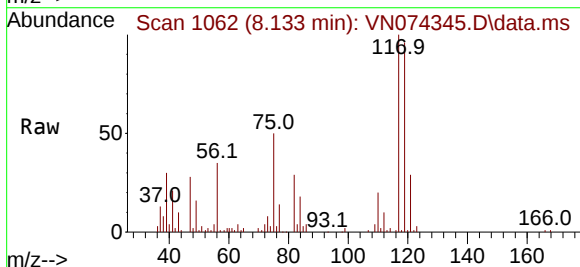
Manual Integrations
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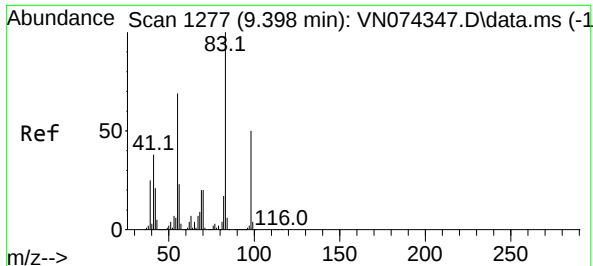
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#38
Carbon Tetrachloride
Concen: 10.494 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion:117 Resp: 106031
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 10.385 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 124090

Ion Ratio Lower Upper

83 100

55 69.3 57.8 86.8

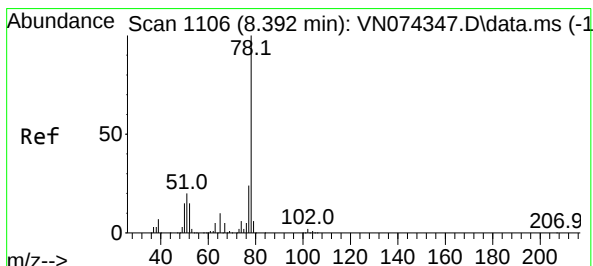
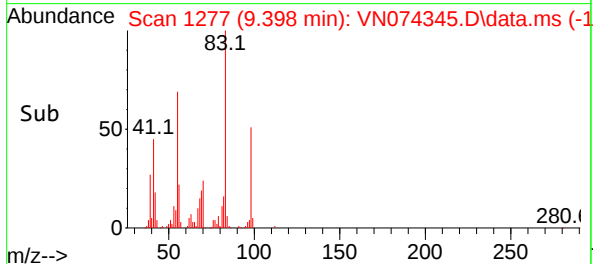
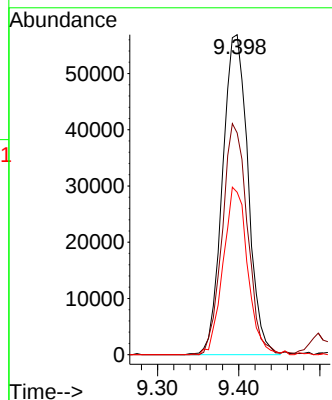
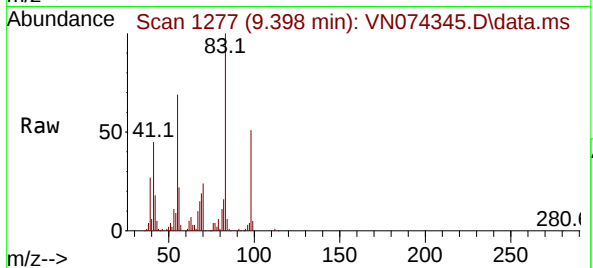
98 50.8 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#40

Benzene

Concen: 10.709 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074345.D

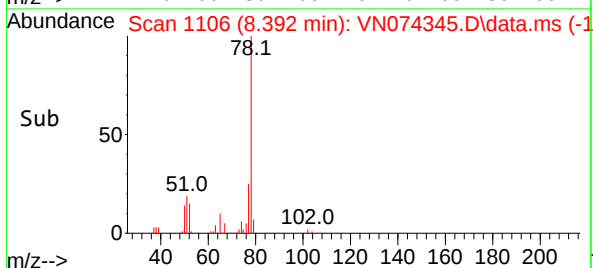
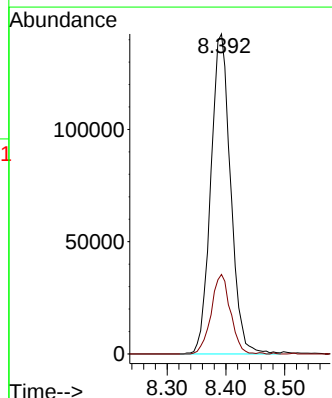
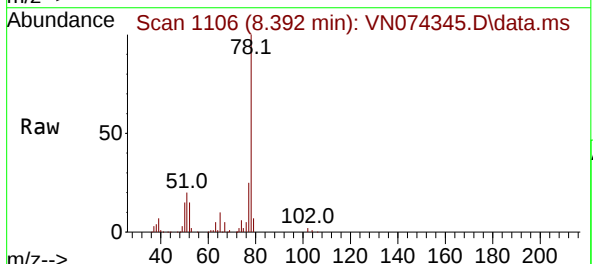
Acq: 06 Sep 2022 17:21

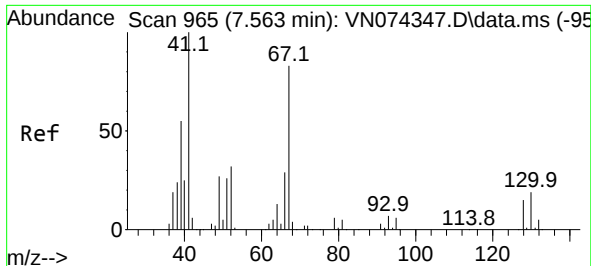
Tgt Ion: 78 Resp: 333199

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0





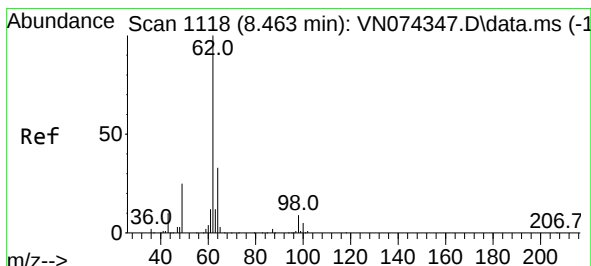
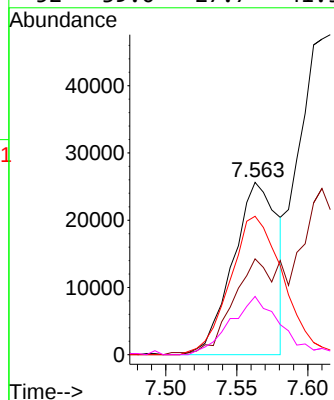
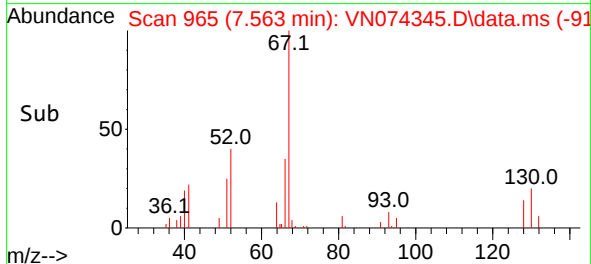
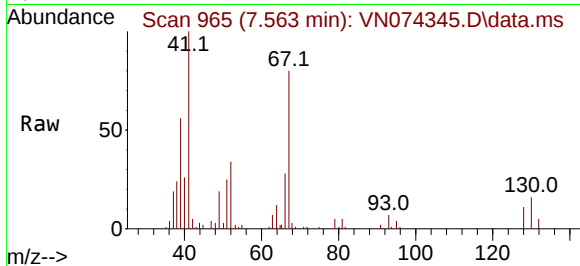
#41
Methacrylonitrile
Concen: 9.507 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	41	Resp:	56010
Ion	Ratio	Lower	Upper
41	100		
39	47.8	48.6	73.0
67	96.0	73.4	110.2
52	39.0	27.7	41.5

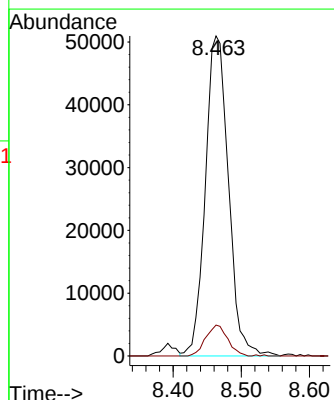
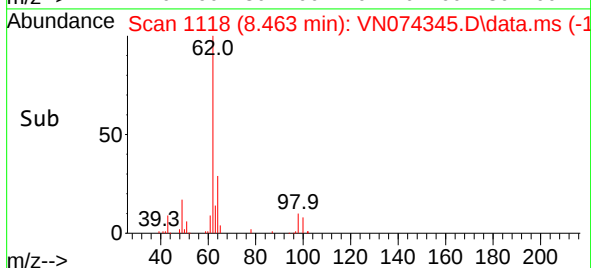
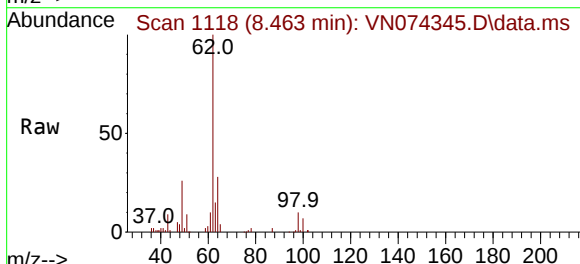
Manual Integrations
APPROVED

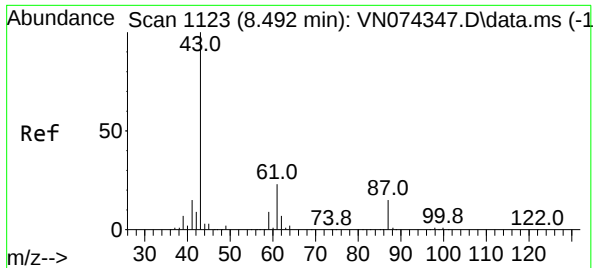
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#42
1,2-Dichloroethane
Concen: 10.401 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion:	62	Resp:	120277
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.4





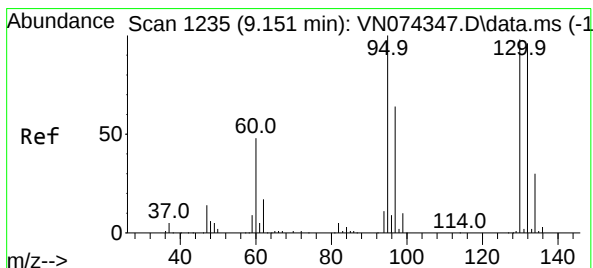
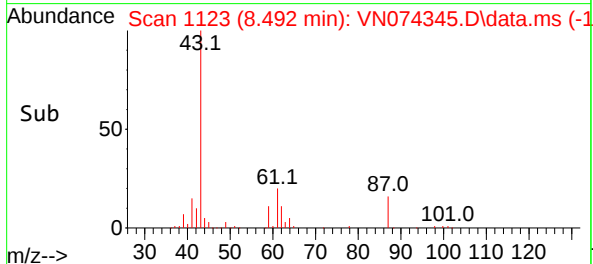
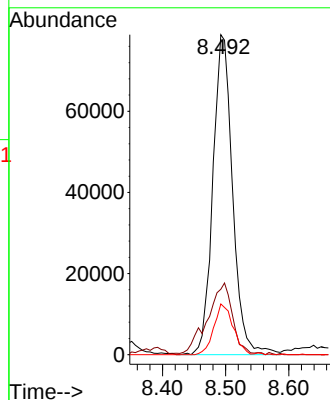
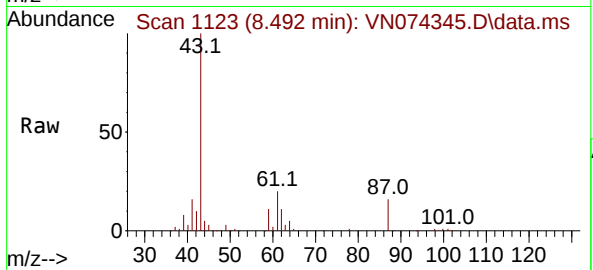
#43
Isopropyl Acetate
Concen: 9.321 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 171484
Ion Ratio Lower Upper
43 100
61 28.8 21.9 32.9
87 15.5 12.0 18.0

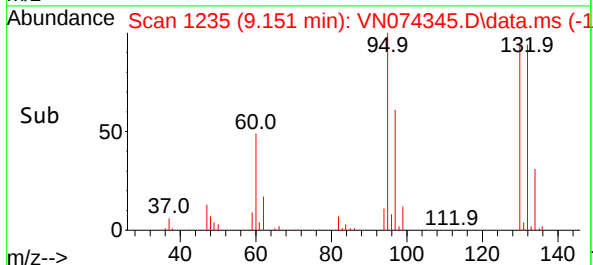
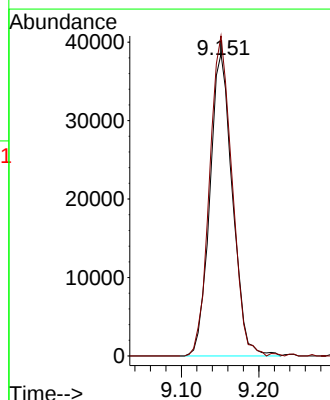
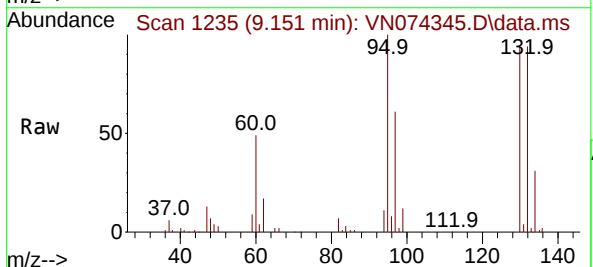
Manual Integrations
APPROVED

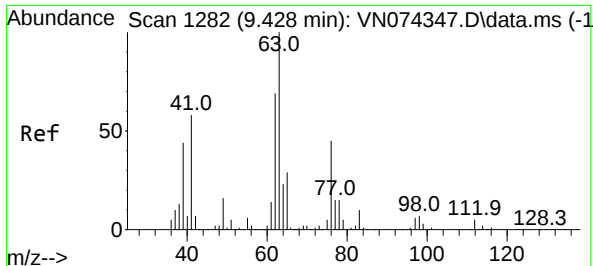
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#44
Trichloroethene
Concen: 10.488 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion:130 Resp: 78151
Ion Ratio Lower Upper
130 100
95 105.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 10.690 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 82354

Ion Ratio Lower Upper

63 100

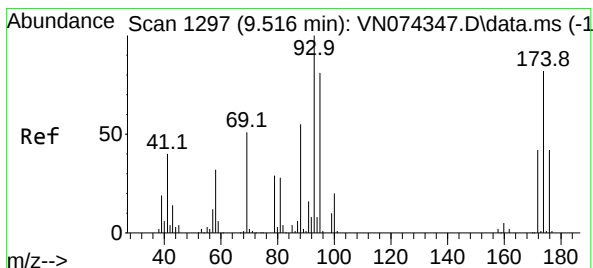
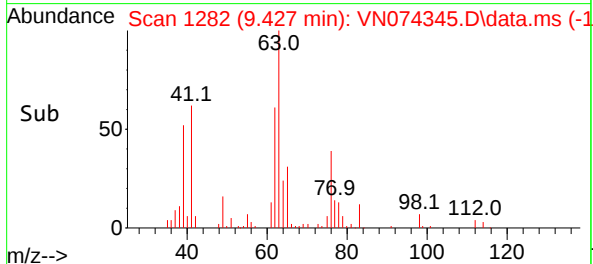
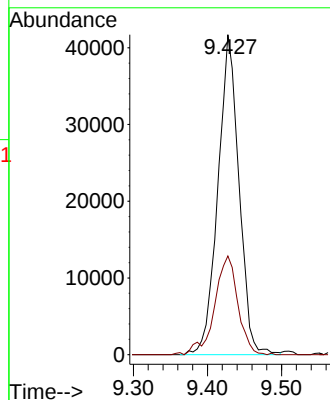
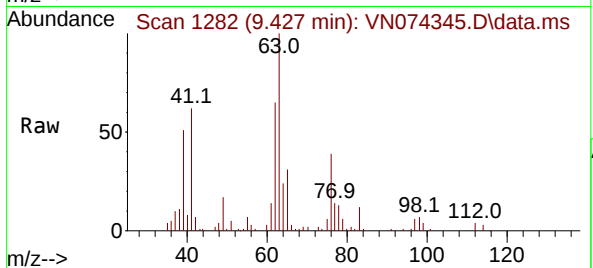
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#46

Dibromomethane

Concen: 10.445 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

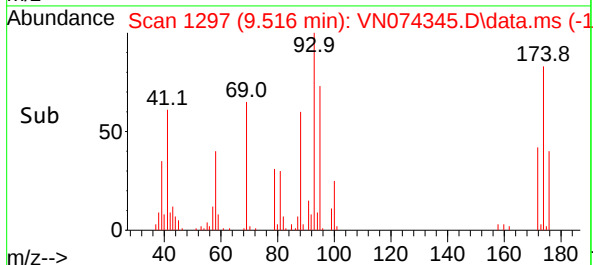
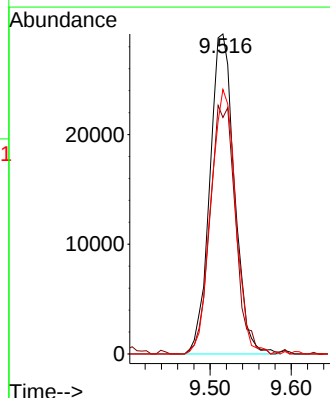
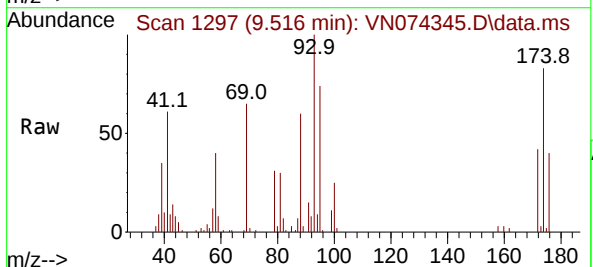
Tgt Ion: 93 Resp: 61436

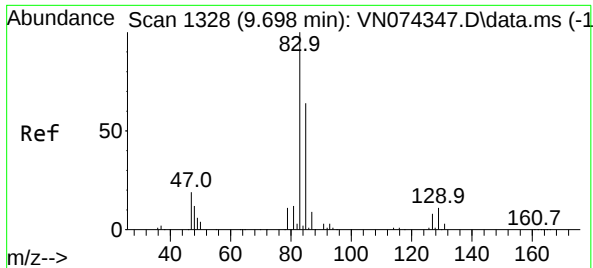
Ion Ratio Lower Upper

93 100

95 80.3 66.9 100.3

174 83.3 86.6 130.0#





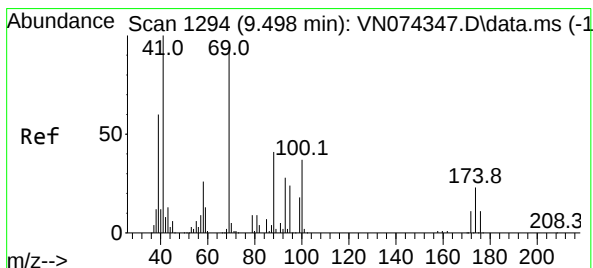
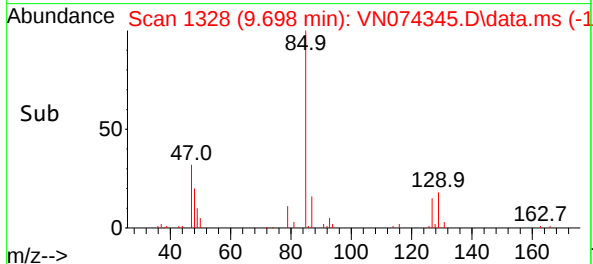
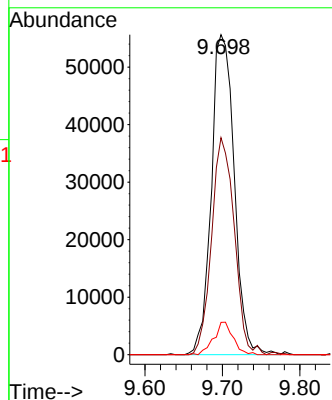
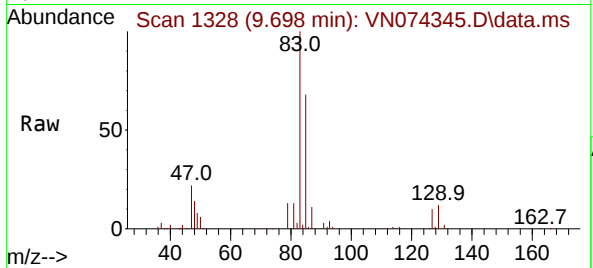
#47
Bromodichloromethane
Concen: 10.558 ug/l
RT: 9.698 min Scan# 114474
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 114474
Ion Ratio Lower Upper
83 100
85 67.8 50.5 75.7
127 10.1 6.8 10.2

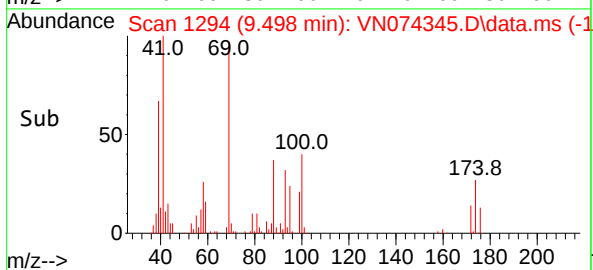
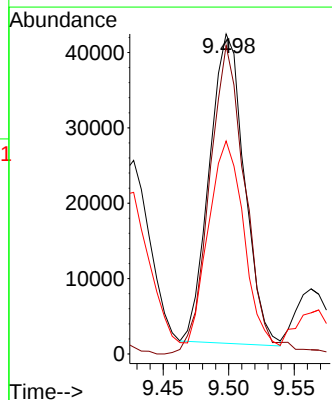
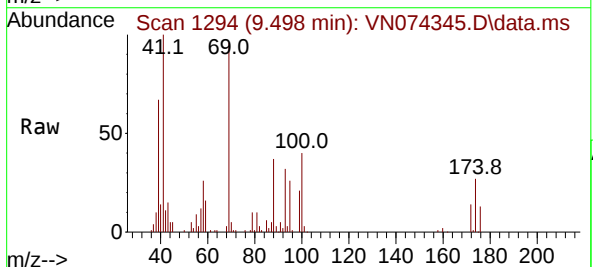
Manual Integrations
APPROVED

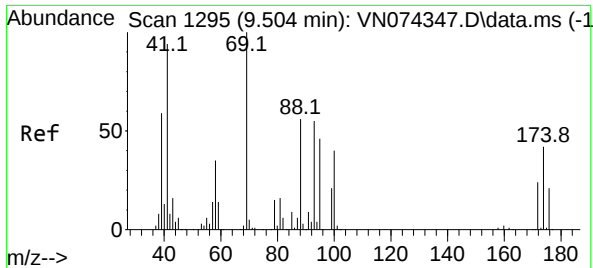
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#48
Methyl methacrylate
Concen: 9.288 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion: 41 Resp: 76304
Ion Ratio Lower Upper
41 100
69 102.6 74.7 112.1
39 71.4 45.6 68.4#





#49

1,4-Dioxane

Concen: 211.800 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 4522

Ion Ratio Lower Upper

88 100

43 30.2 20.2 30.4

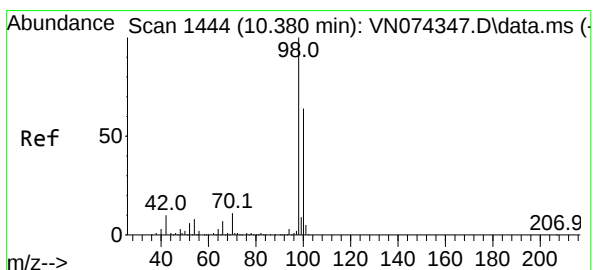
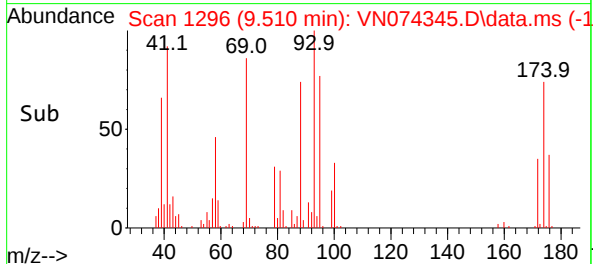
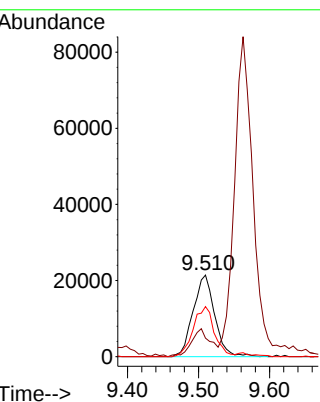
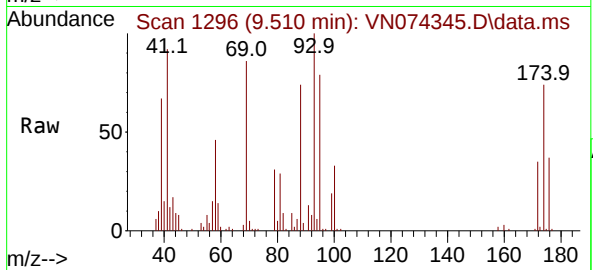
58 60.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#50

Toluene-d8

Concen: 8.574 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074345.D

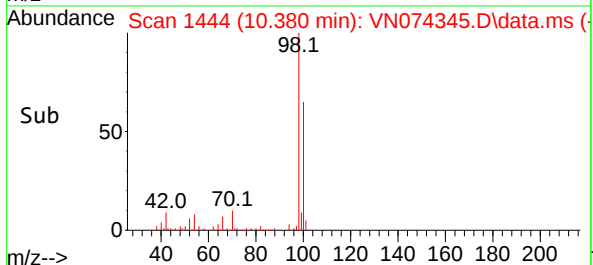
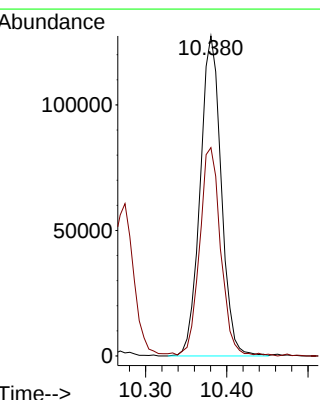
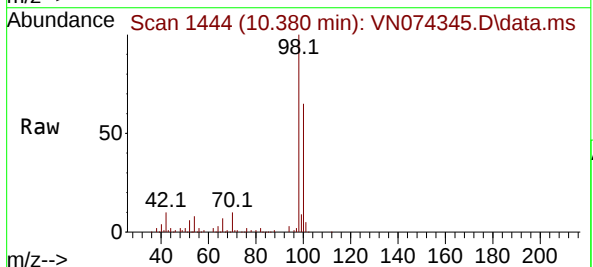
Acq: 06 Sep 2022 17:21

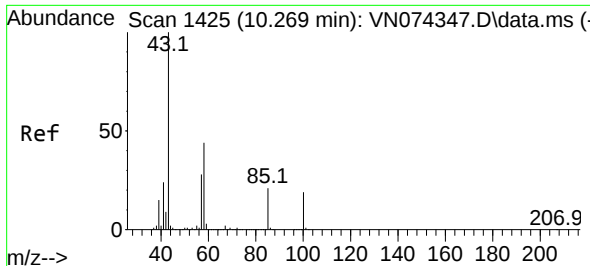
Tgt Ion: 98 Resp: 229921

Ion Ratio Lower Upper

98 100

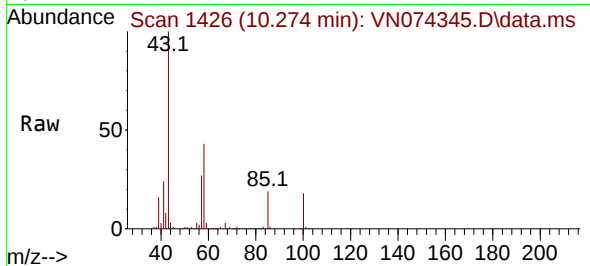
100 63.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 48.535 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

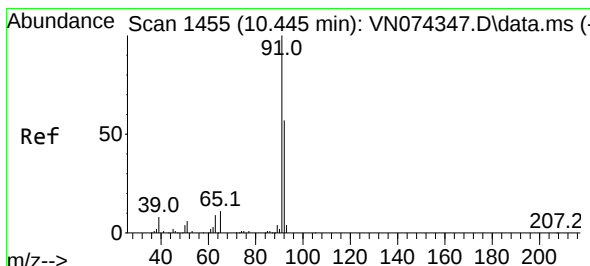
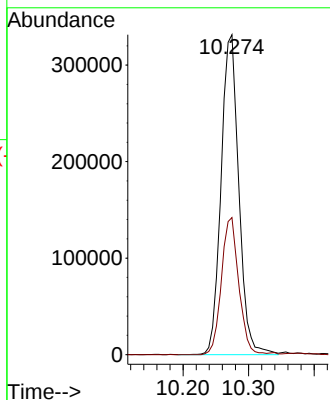
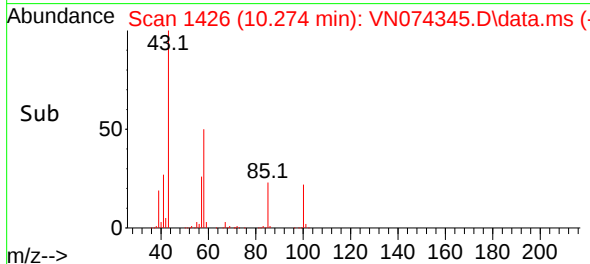
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 62213
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1

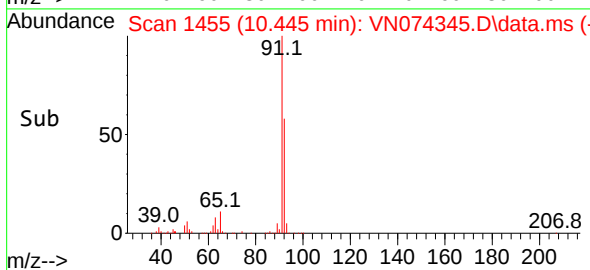
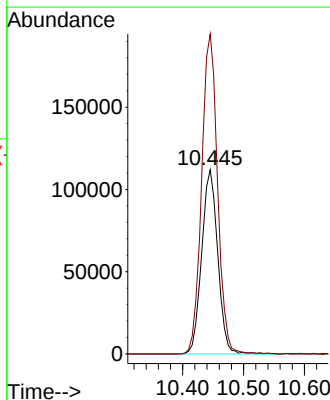
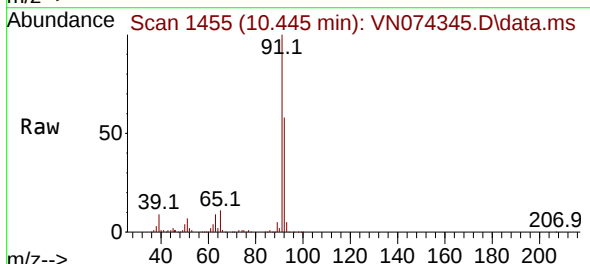
Manual Integrations
APPROVED

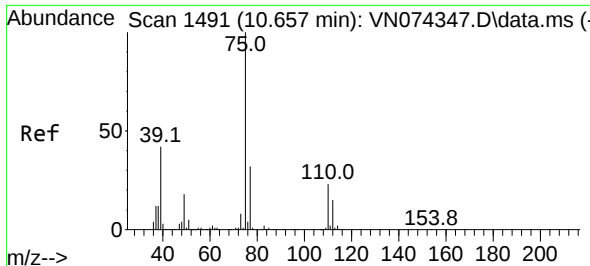
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#52
Toluene
Concen: 10.677 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

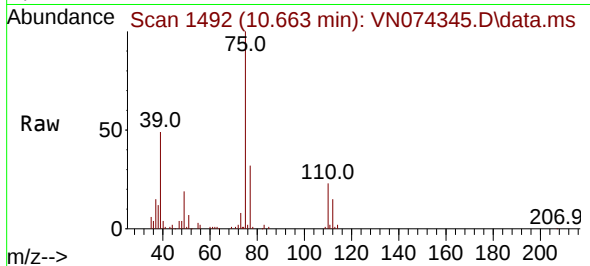
Tgt Ion: 92 Resp: 205092
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 9.683 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

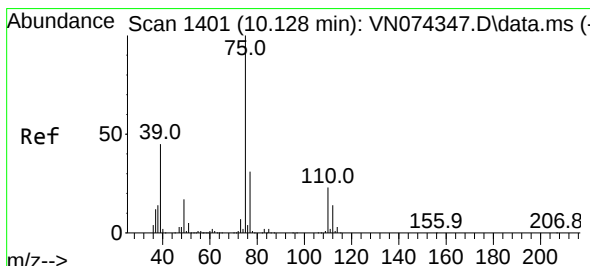
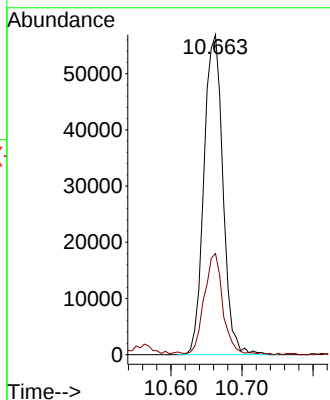
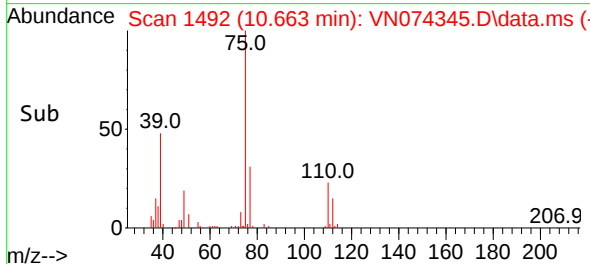
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 105794
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

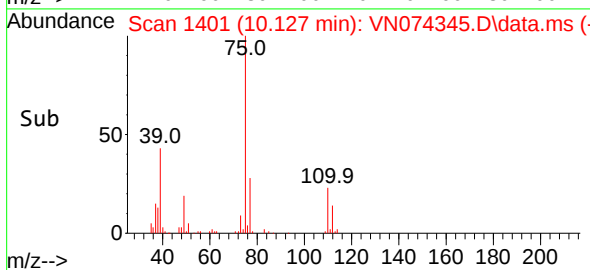
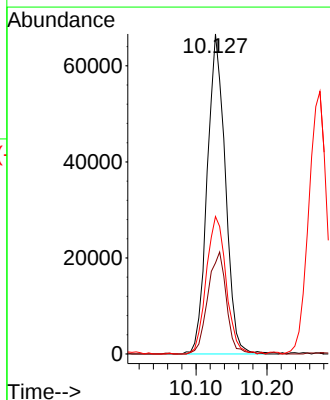
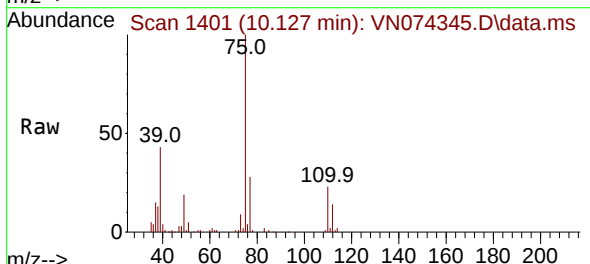
Manual Integrations
APPROVED

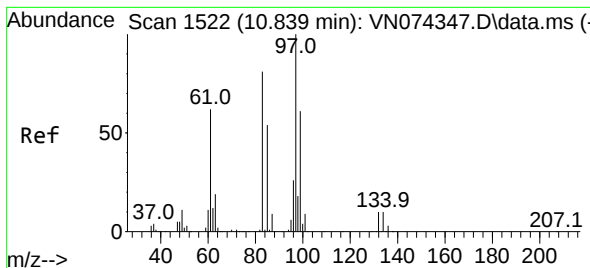
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#54
cis-1,3-Dichloropropene
Concen: 9.795 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

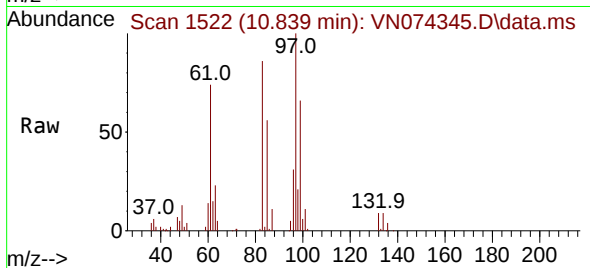
Tgt Ion: 75 Resp: 118164
Ion Ratio Lower Upper
75 100
77 28.5 25.2 37.8
39 42.9 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 10.654 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

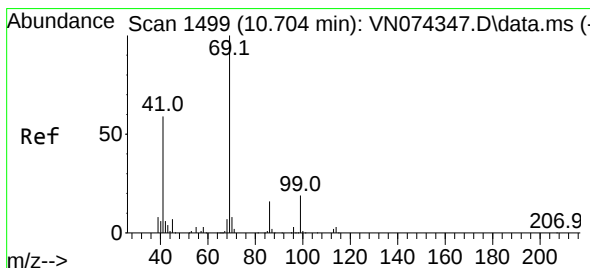
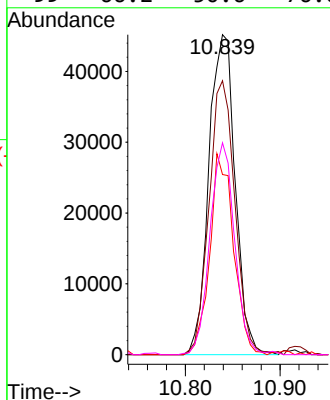
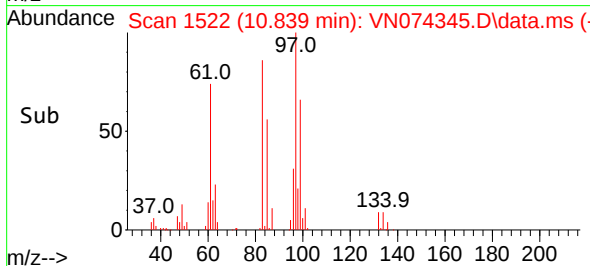
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



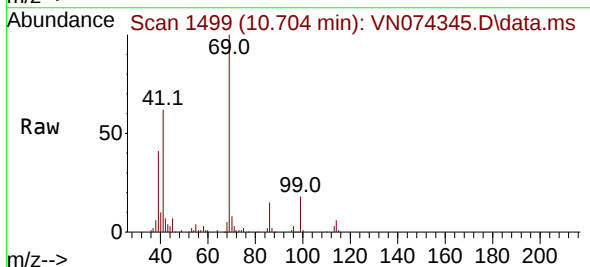
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.4
85	56.3	43.9	65.9
99	66.2	50.6	76.0

Manual Integrations
APPROVED

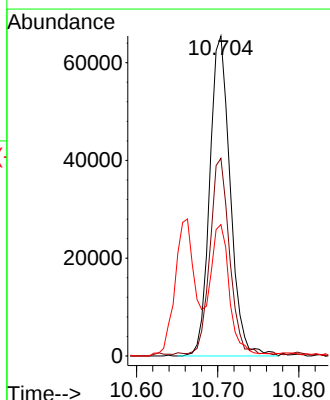
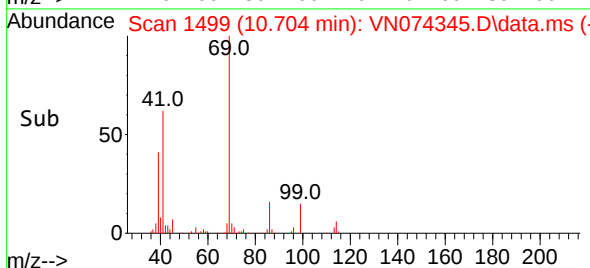
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

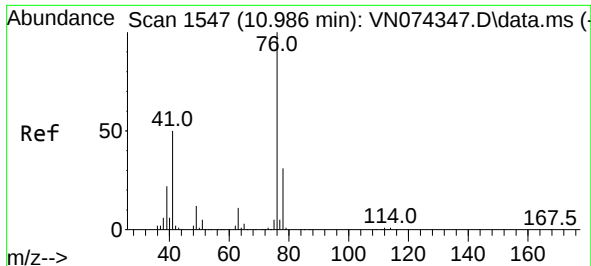


#56
Ethyl methacrylate
Concen: 9.409 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.8	71.6
39	37.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 10.347 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 145810

Ion Ratio Lower Upper

76 100

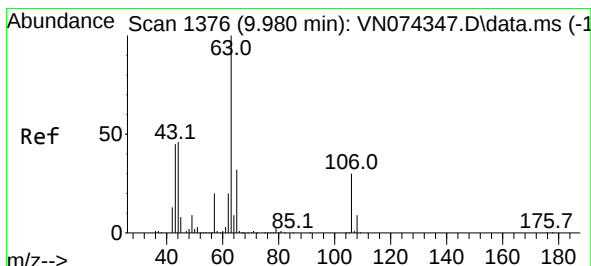
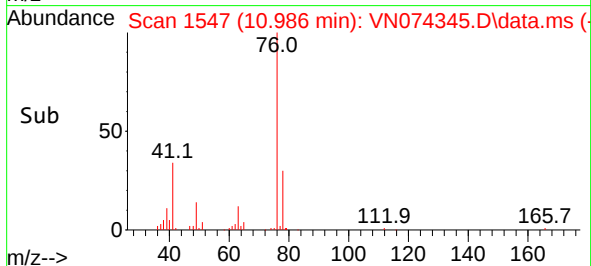
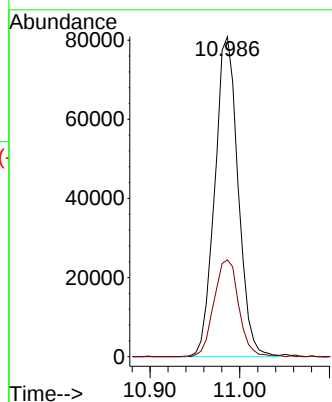
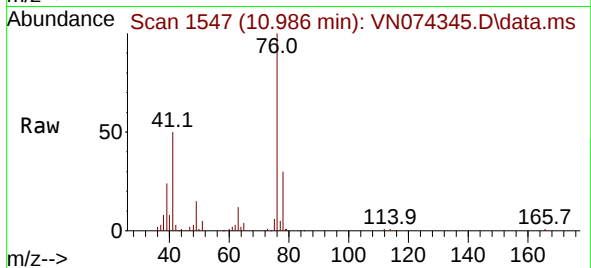
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 47.246 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074345.D

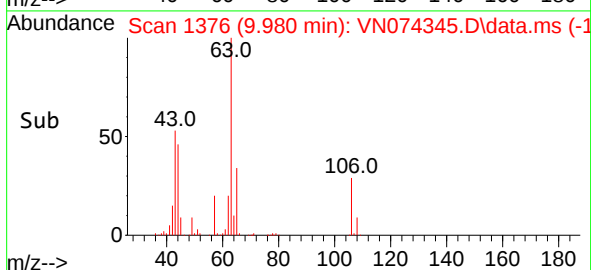
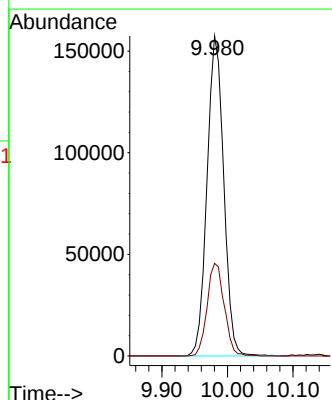
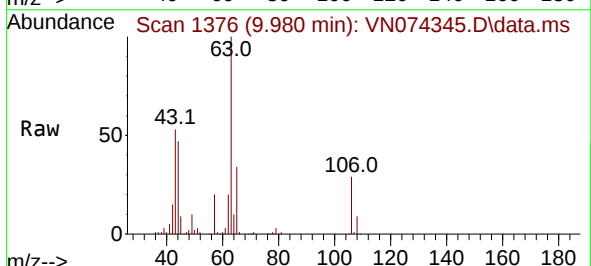
Acq: 06 Sep 2022 17:21

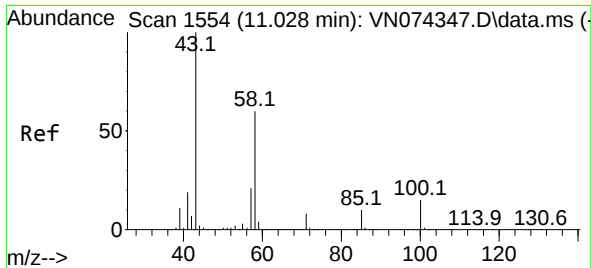
Tgt Ion: 63 Resp: 278663

Ion Ratio Lower Upper

63 100

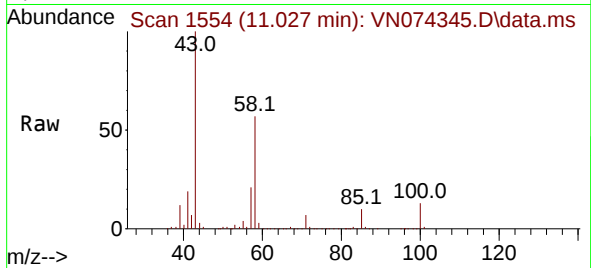
106 29.6 24.6 36.8





#59
2-Hexanone
Concen: 48.022 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

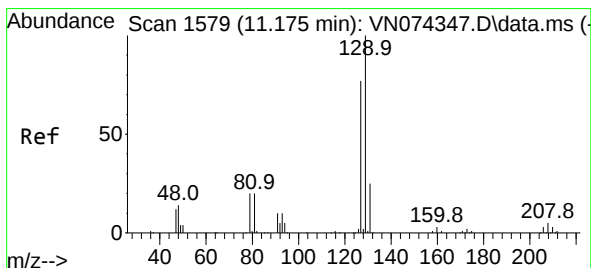
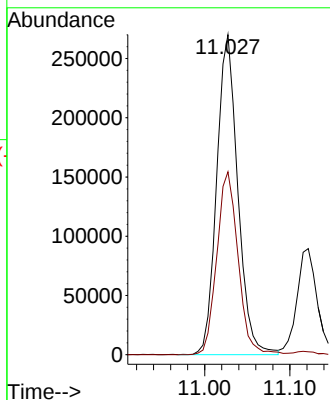
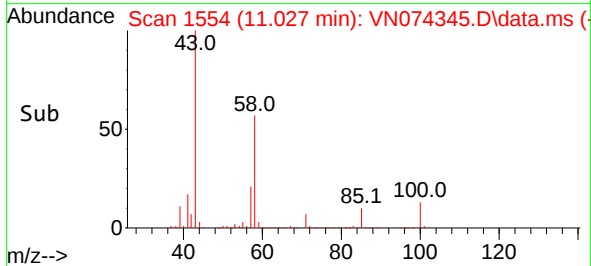
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



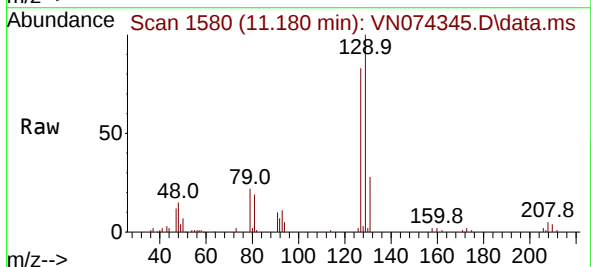
Tgt Ion: 43 Resp: 466079
Ion Ratio Lower Upper
43 100
58 57.5 29.7 89.1

Manual Integrations
APPROVED

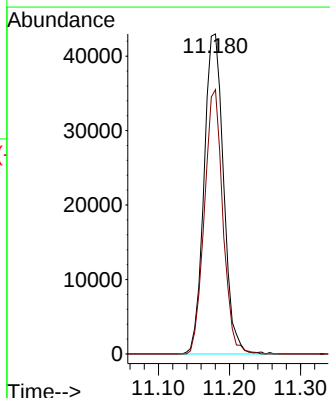
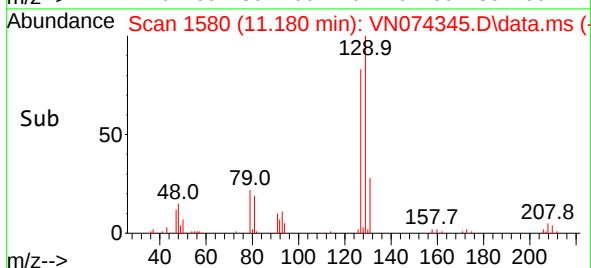
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

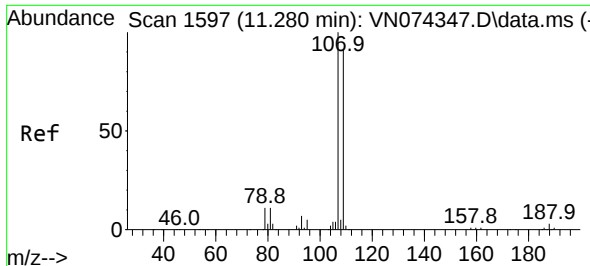


#60
Dibromochloromethane
Concen: 10.017 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



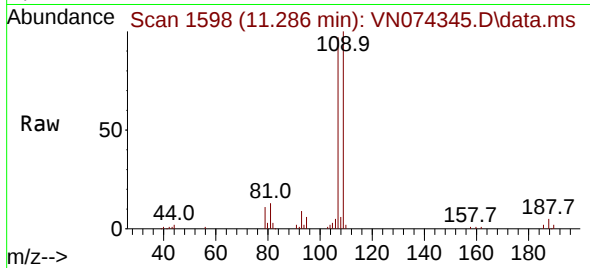
Tgt Ion:129 Resp: 82218
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 9.949 ug/l
RT: 11.286 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

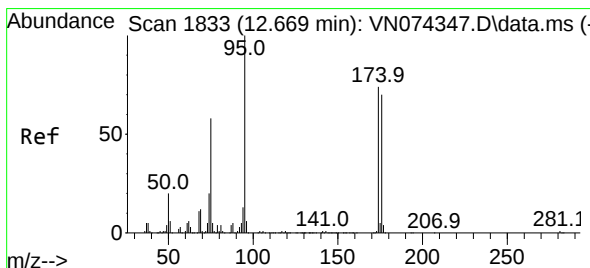
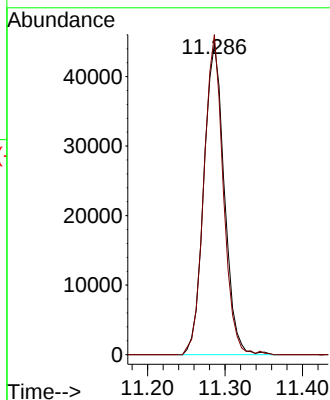
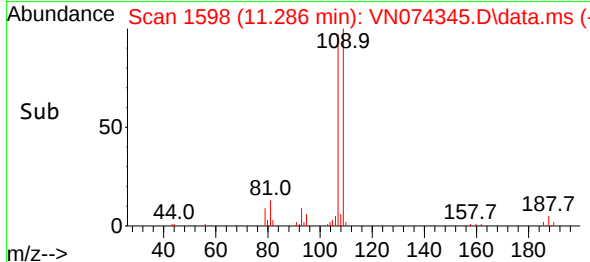
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



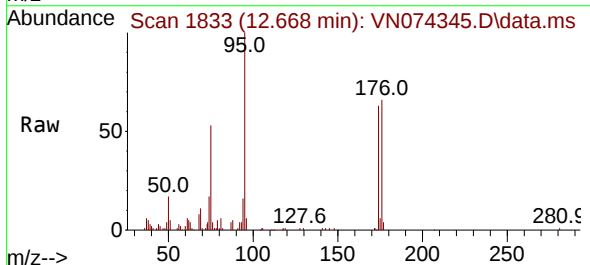
Tgt Ion: 107 Resp: 8204
Ion Ratio Lower Upper
107 100
109 97.1 75.0 112.6

Manual Integrations
APPROVED

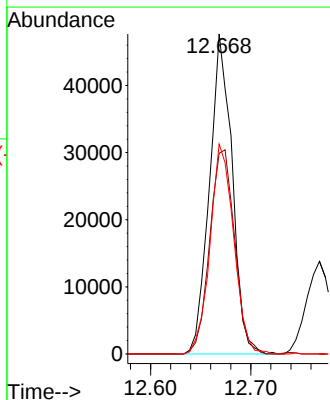
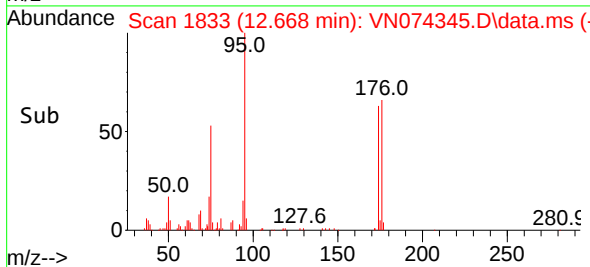
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

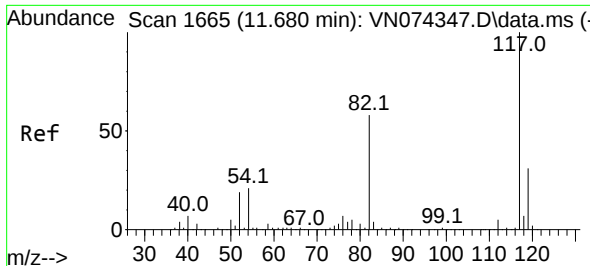


#62
4-Bromofluorobenzene
Concen: 8.651 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



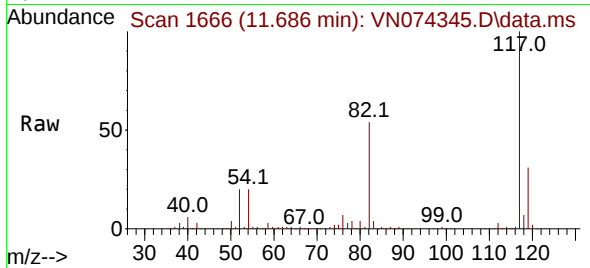
Tgt Ion: 95 Resp: 74544
Ion Ratio Lower Upper
95 100
174 70.6 0.0 167.6
176 68.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

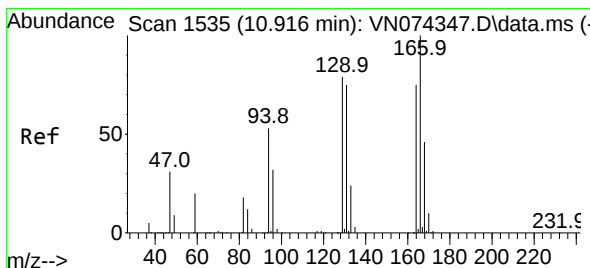
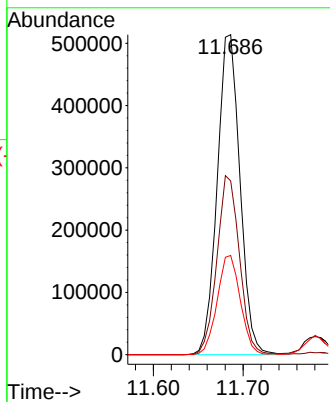
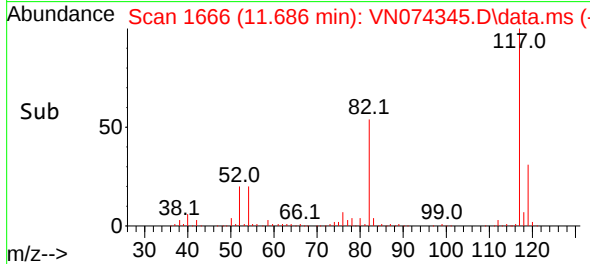
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



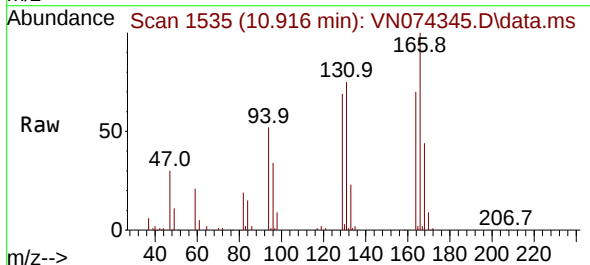
Tgt Ion:117 Resp: 90670
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations
APPROVED

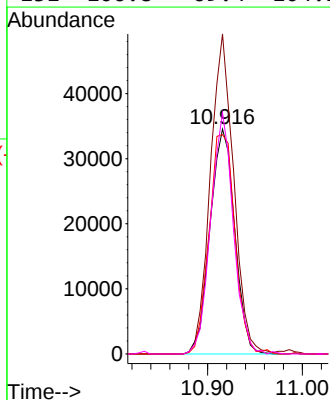
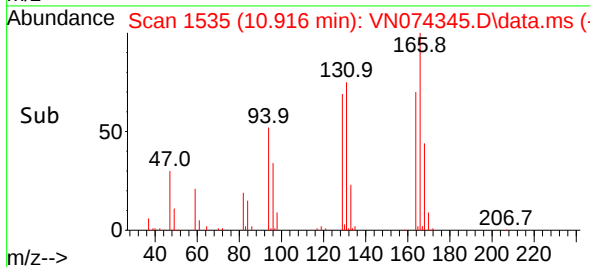
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

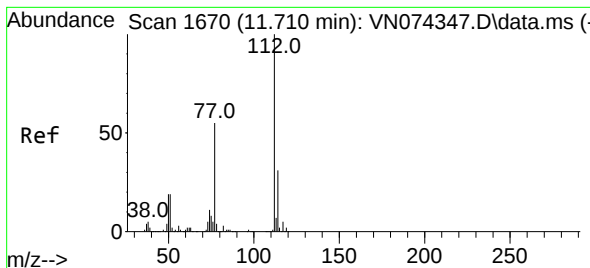


#64
Tetrachloroethene
Concen: 10.694 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



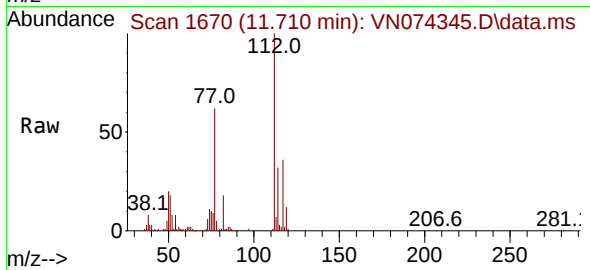
Tgt Ion:164 Resp: 62228
Ion Ratio Lower Upper
164 100
166 142.3 104.2 156.2
129 97.5 73.9 110.9
131 106.8 69.4 104.2#





#65
Chlorobenzene
Concen: 10.459 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

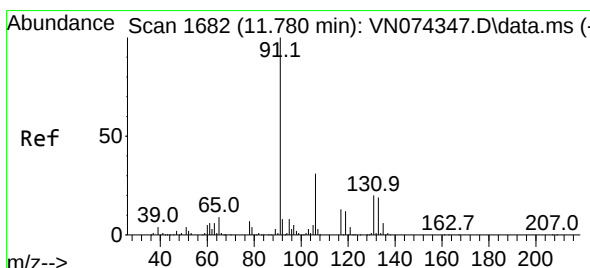
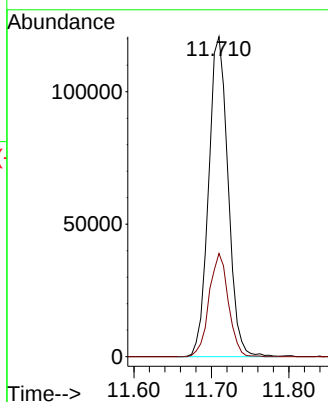
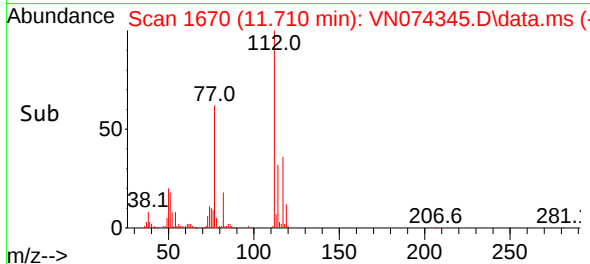
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



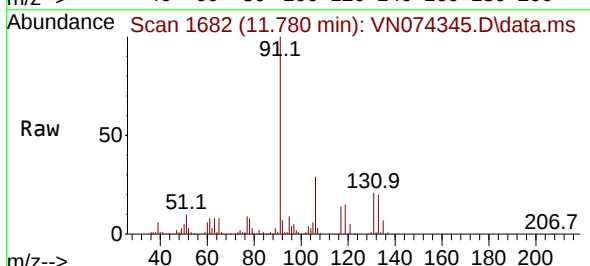
Tgt Ion:112 Resp: 210654
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

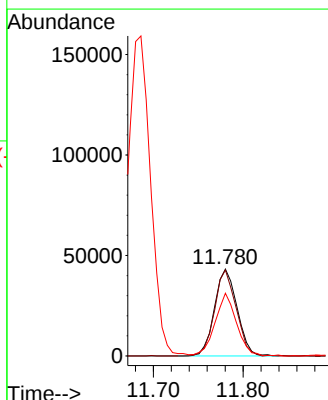
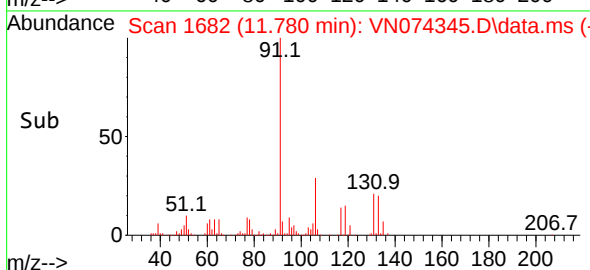
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

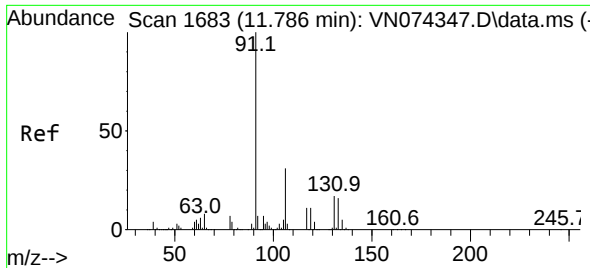


#66
1,1,1,2-Tetrachloroethane
Concen: 10.218 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



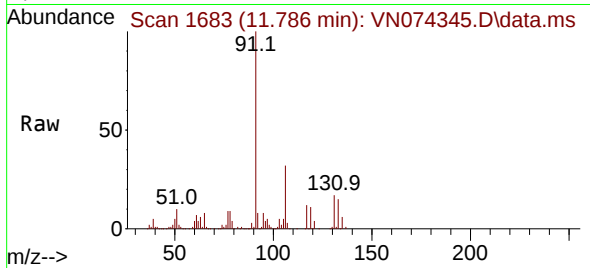
Tgt Ion:131 Resp: 75668
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 68.9 33.4 100.2





#67
Ethyl Benzene
Concen: 10.222 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

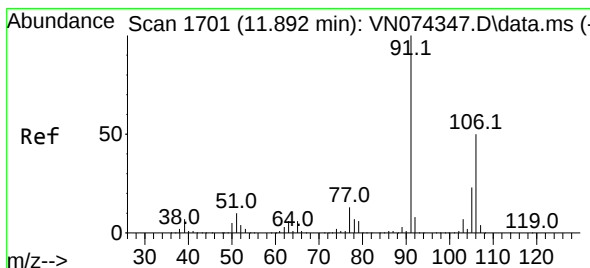
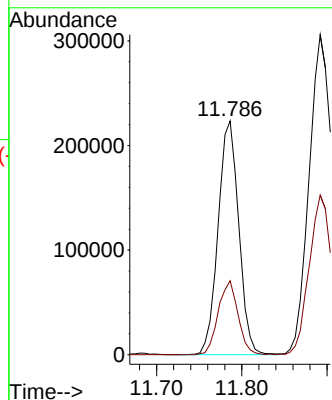
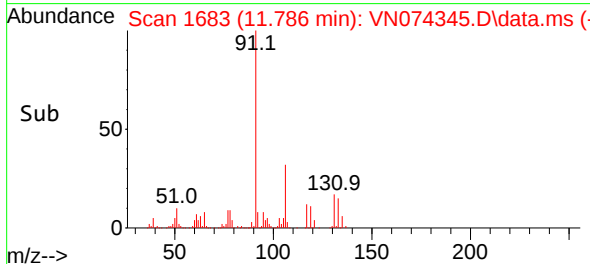
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



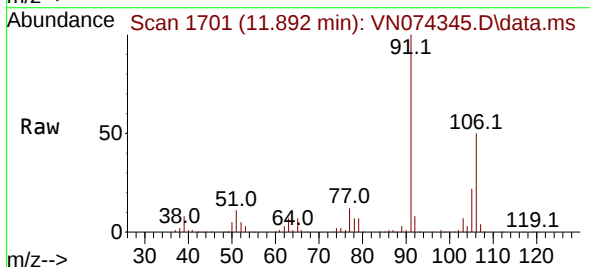
Tgt Ion: 91 Resp: 376125
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

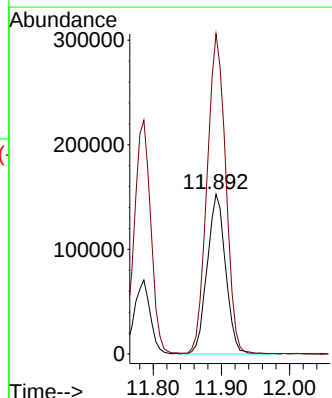
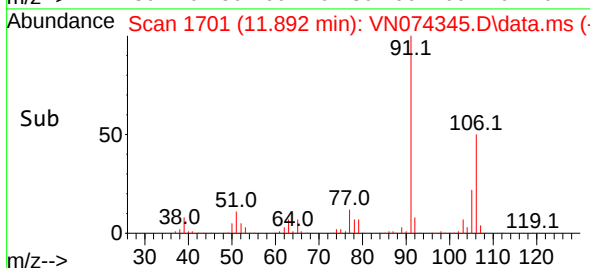
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

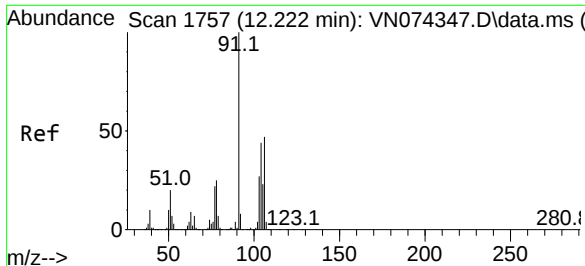


#68
m/p-Xylenes
Concen: 20.780 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



Tgt Ion:106 Resp: 287154
Ion Ratio Lower Upper
106 100
91 202.7 158.9 238.3





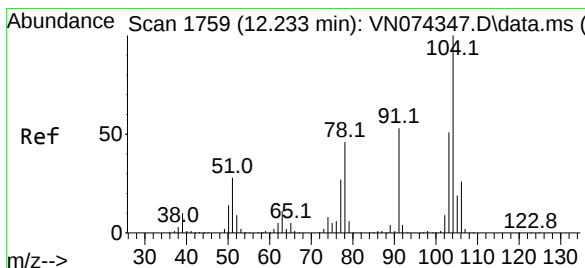
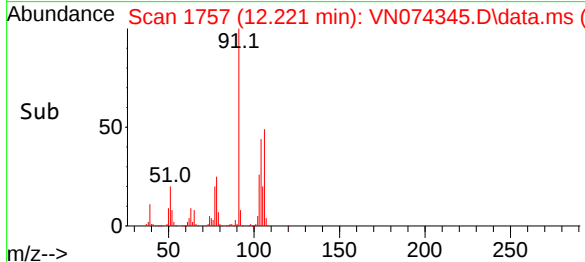
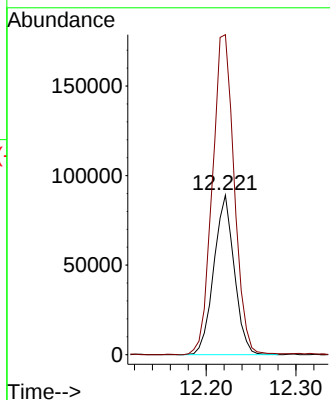
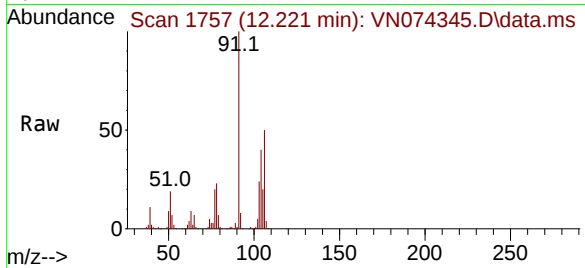
#69
o-Xylene
Concen: 10.235 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 140723
Ion Ratio Lower Upper
106 100
91 215.4 106.0 318.0

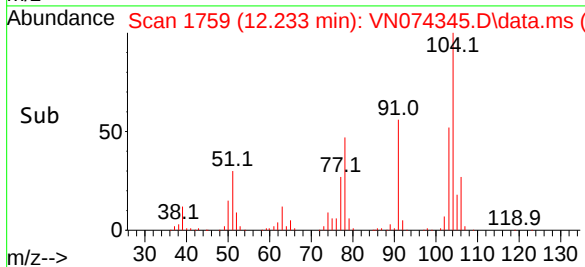
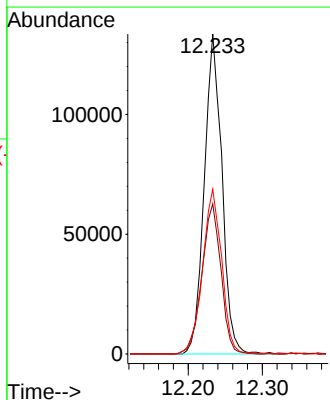
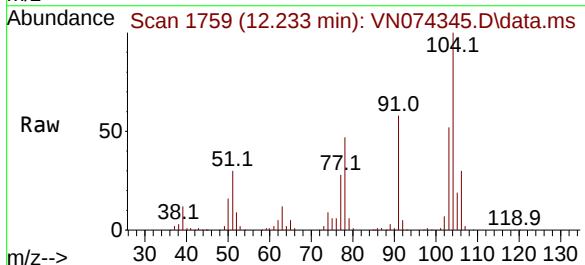
Manual Integrations
APPROVED

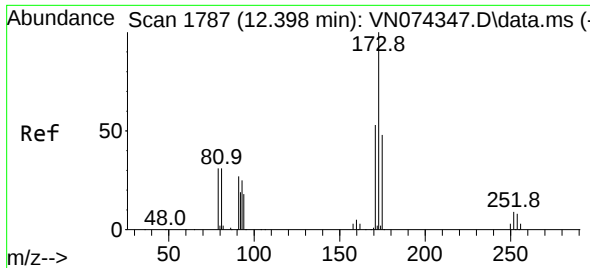
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#70
Styrene
Concen: 10.094 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

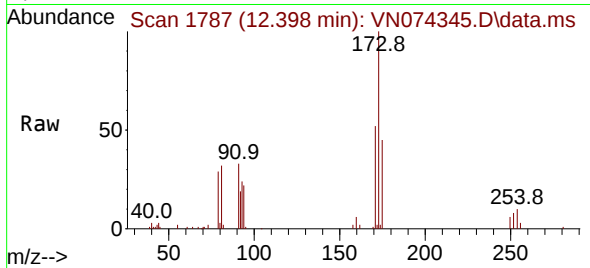
Tgt Ion:104 Resp: 221641
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 55.5 44.0 66.0





#71
Bromoform
Concen: 10.107 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

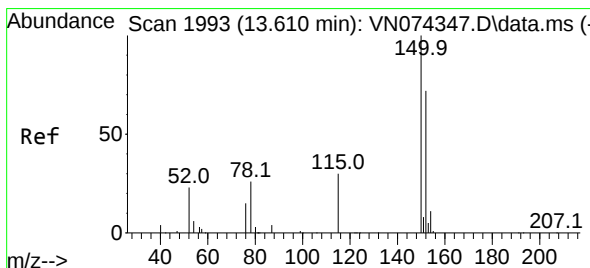
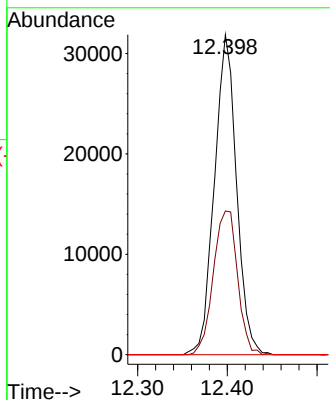
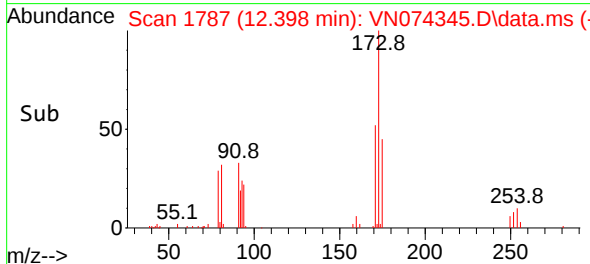
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



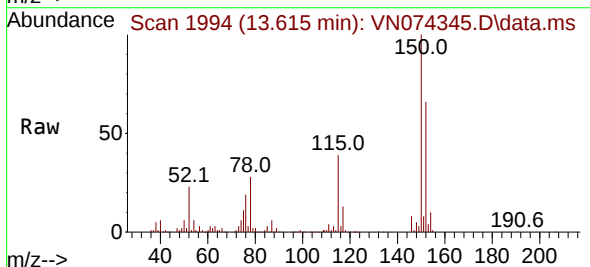
Tgt Ion:173 Resp: 5456
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

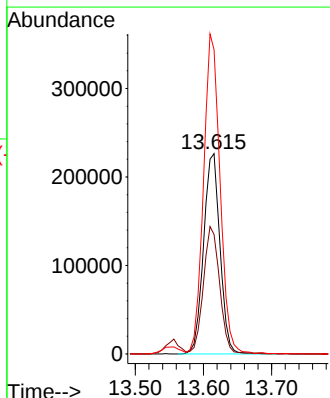
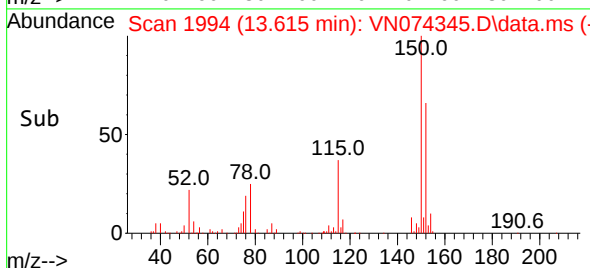
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

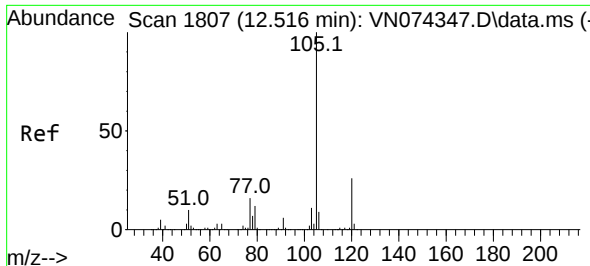


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



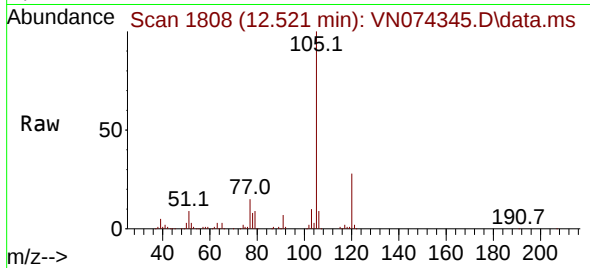
Tgt Ion:152 Resp: 380163
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 160.3 0.0 356.2





#73
Isopropylbenzene
Concen: 10.507 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

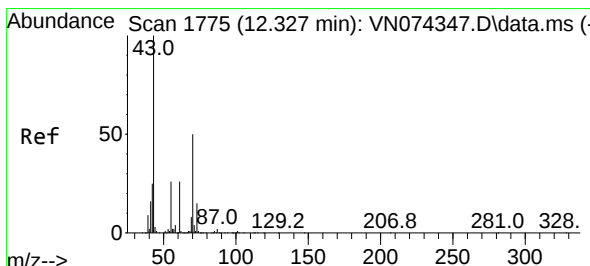
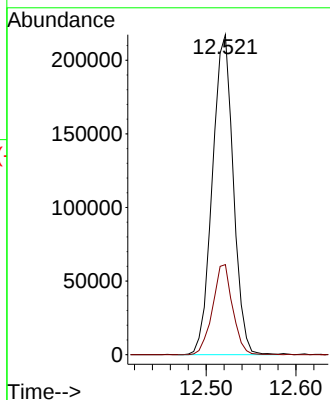
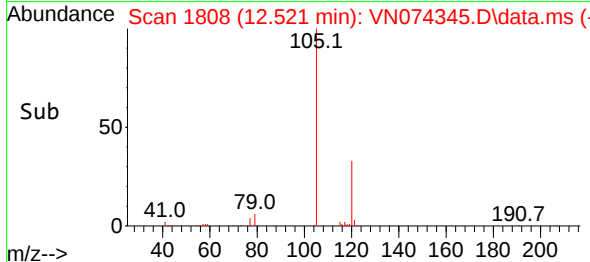
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 351840
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

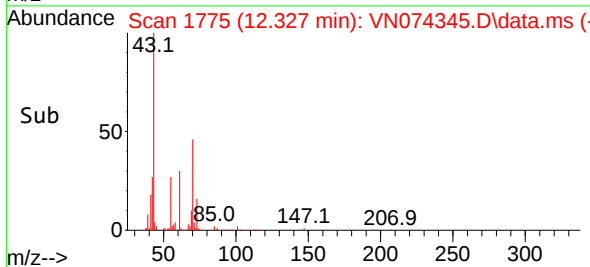
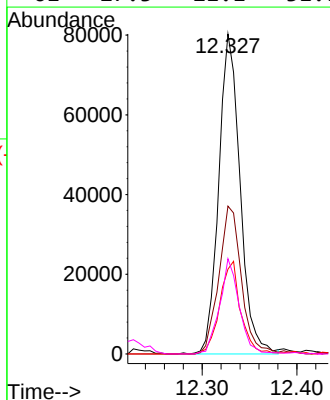
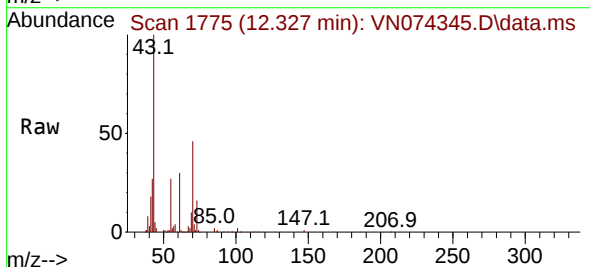
Manual Integrations
APPROVED

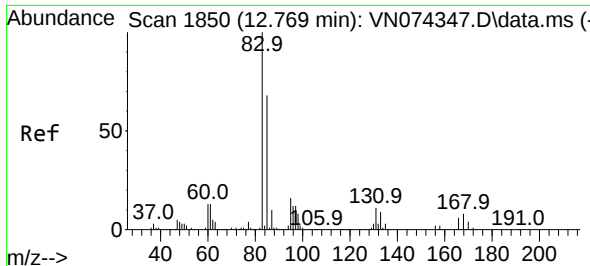
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#74
N-amy1 acetate
Concen: 9.033 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

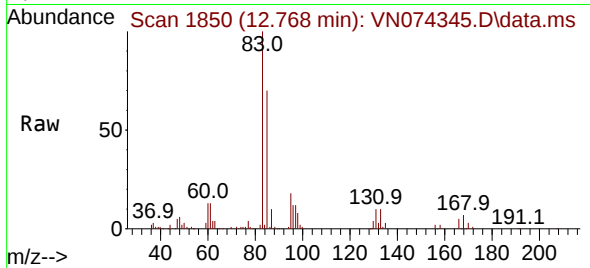
Tgt Ion: 43 Resp: 126212
Ion Ratio Lower Upper
43 100
70 49.2 39.0 58.4
55 28.2 21.1 31.7
61 27.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 10.808 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

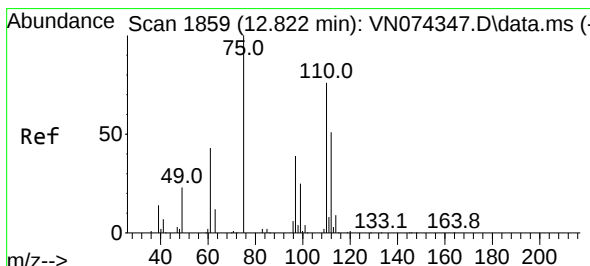
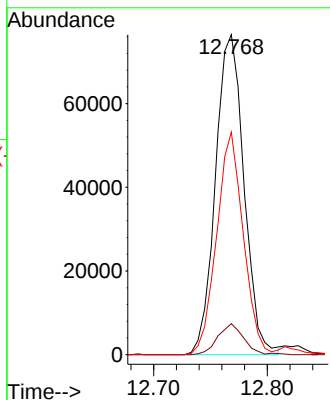
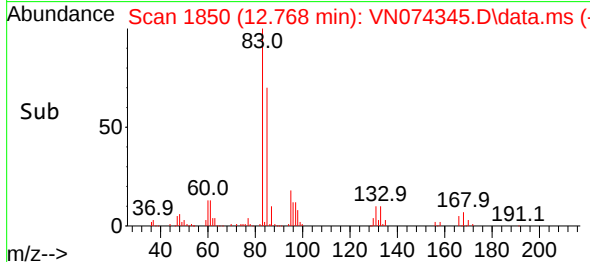
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 133449
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.9
85 64.8 32.3 96.9

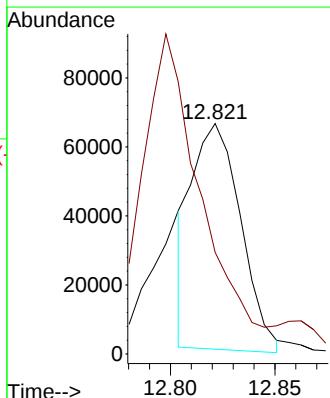
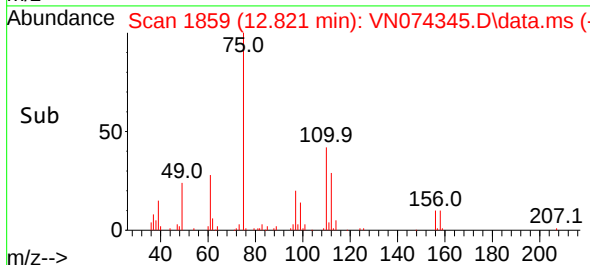
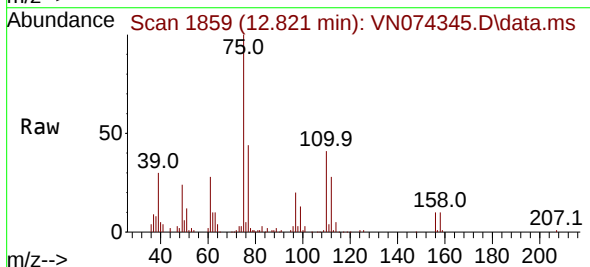
Manual Integrations
APPROVED

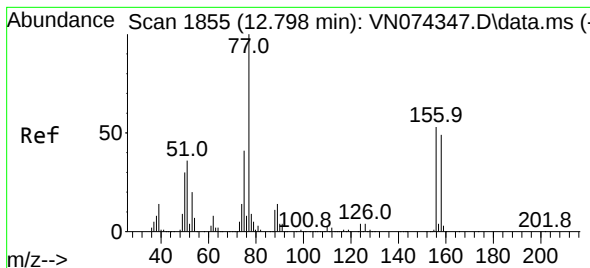
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#76
1,2,3-Trichloropropane
Concen: 9.834 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Tgt Ion: 75 Resp: 106155
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 10.203 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

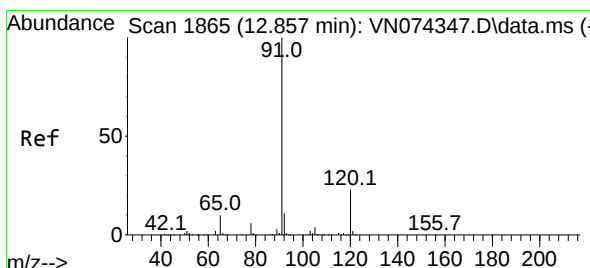
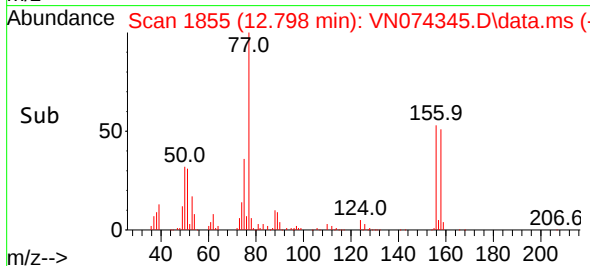
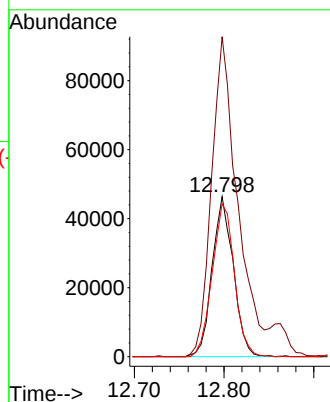
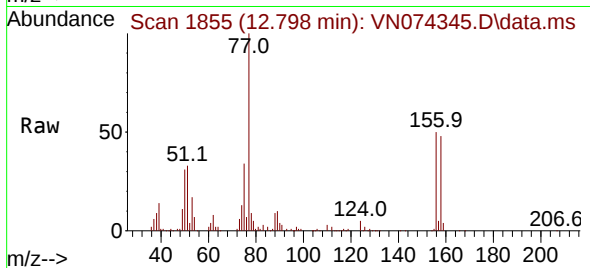
Tgt Ion:156 Resp: 75819
 Ion Ratio Lower Upper
 156 100
 77 243.0 100.5 301.5
 158 100.5 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#78

n-propylbenzene

Concen: 10.355 ug/l

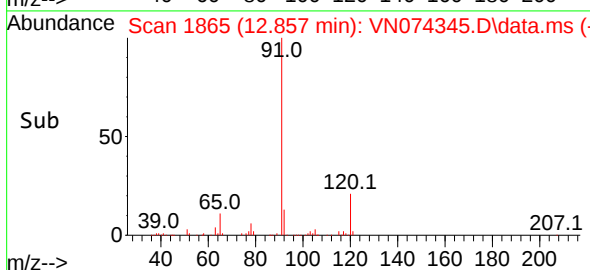
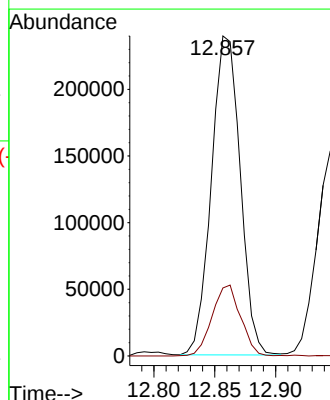
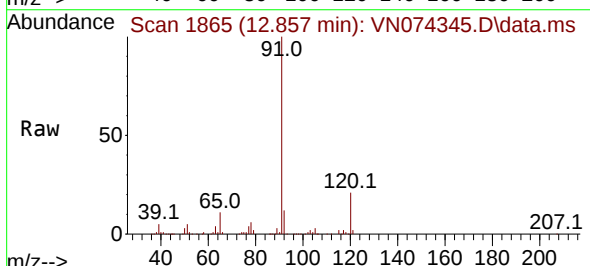
RT: 12.857 min Scan# 1865

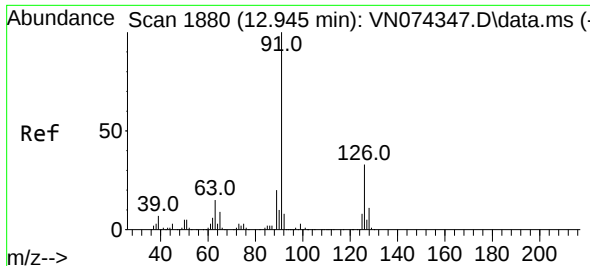
Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Tgt Ion: 91 Resp: 394562
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.9 35.5





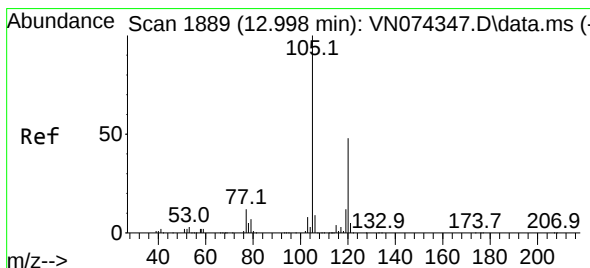
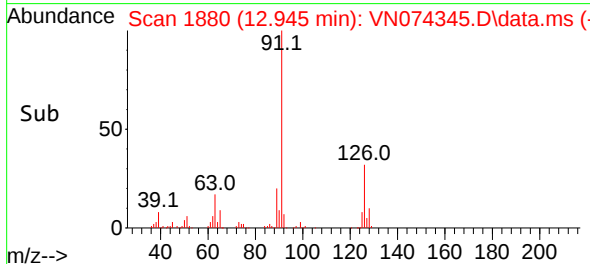
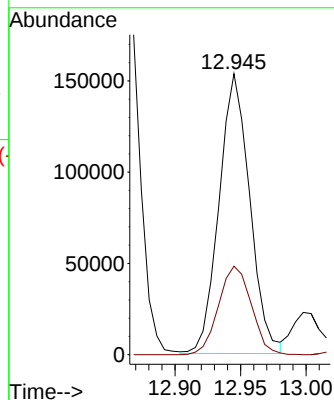
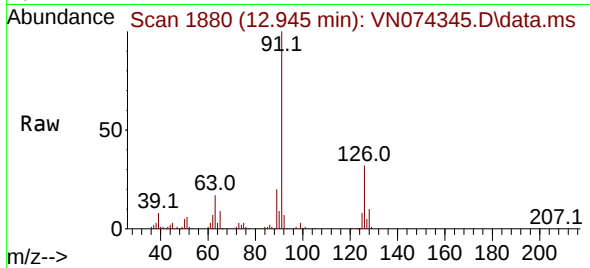
#79
2-Chlorotoluene
Concen: 10.600 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 24997
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.9

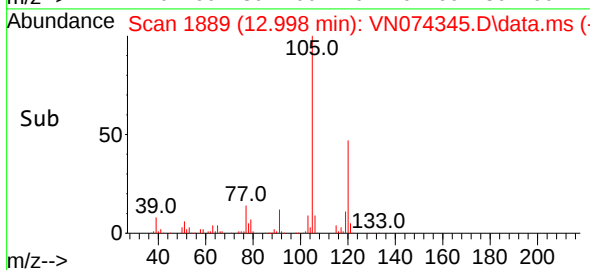
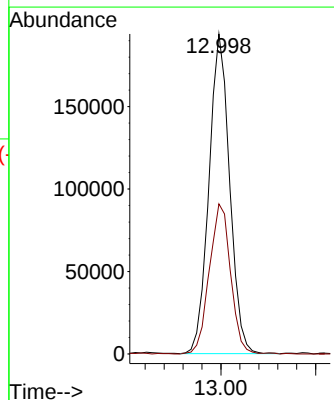
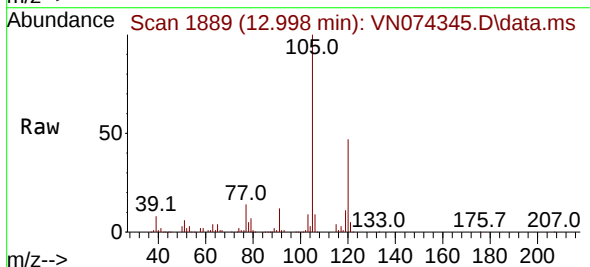
Manual Integrations
APPROVED

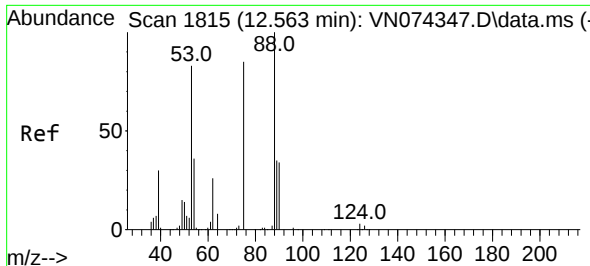
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.895 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

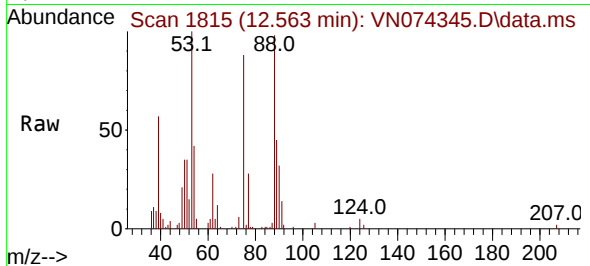
Tgt Ion:105 Resp: 293243
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 9.134 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

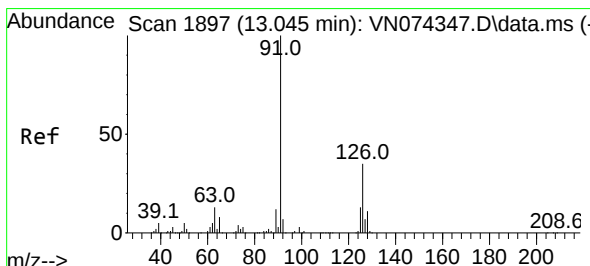
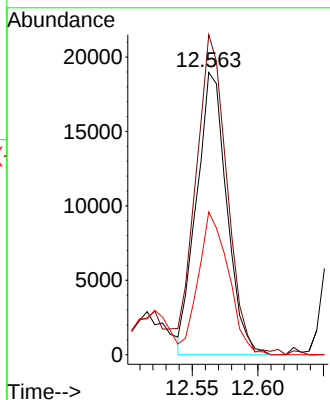
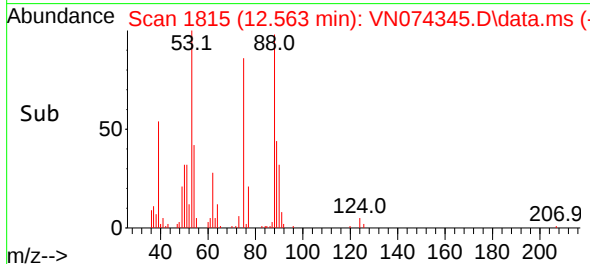
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



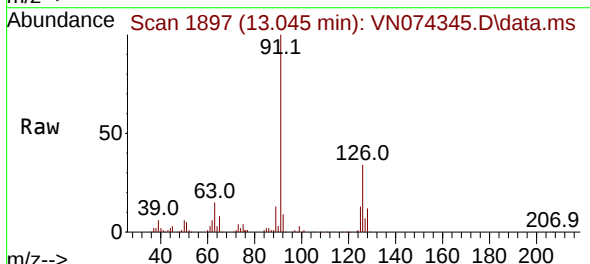
Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
53 117.2 78.0 117.0
89 50.3 37.2 55.8

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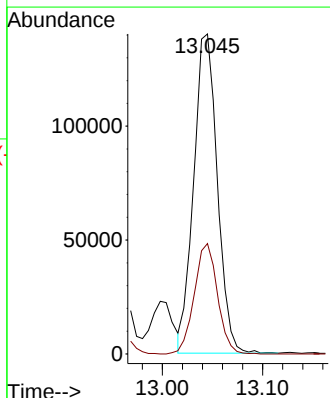
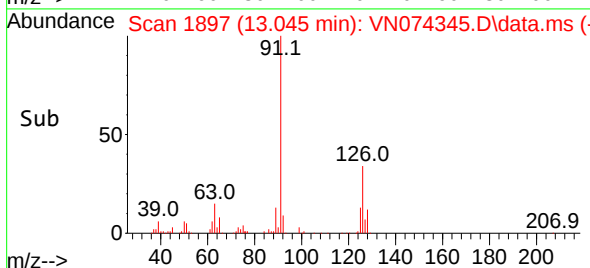
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

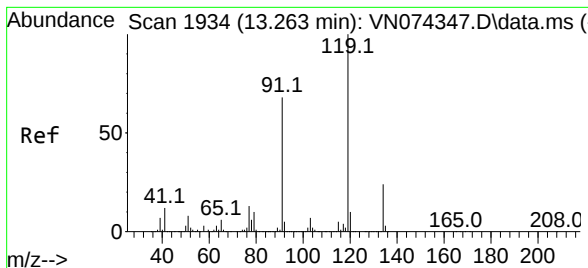


#82
4-Chlorotoluene
Concen: 10.397 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



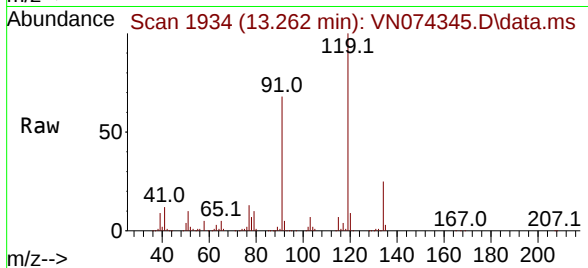
Tgt Ion: 91 Resp: 229652
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 10.333 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

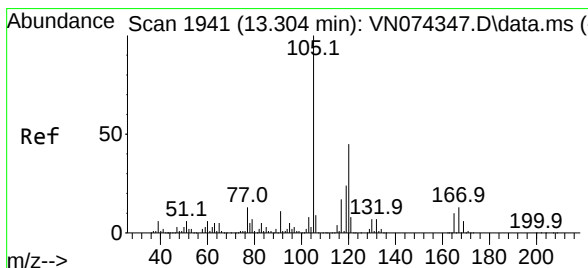
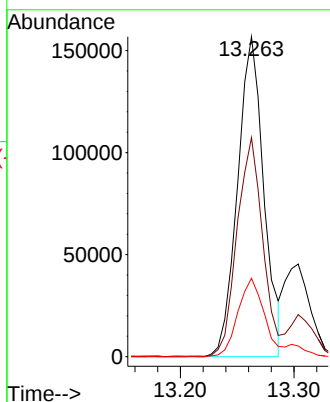
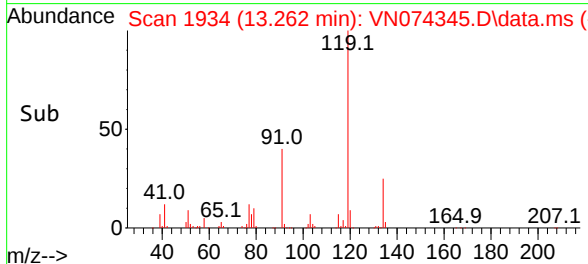
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



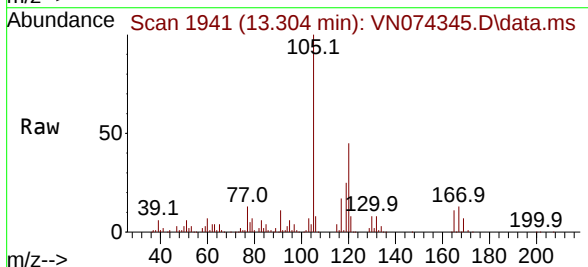
Tgt Ion:119 Resp: 251970
Ion Ratio Lower Upper
119 100
91 68.0 31.6 94.8
134 24.8 13.7 41.1

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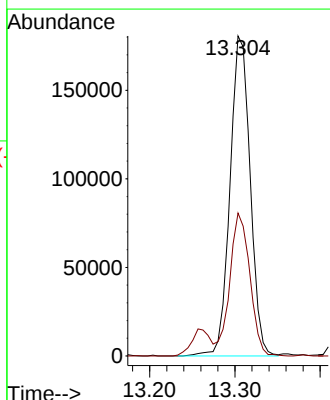
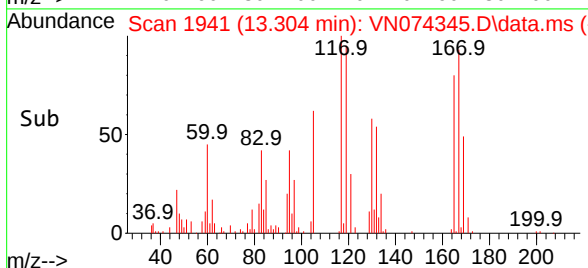
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

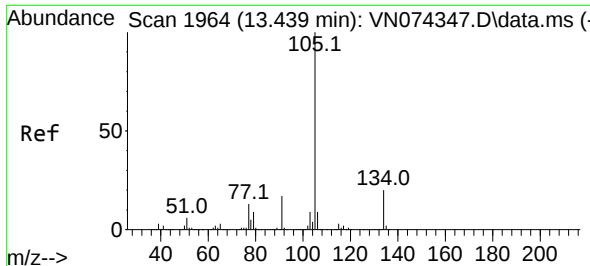


#84
1,2,4-Trimethylbenzene
Concen: 10.940 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



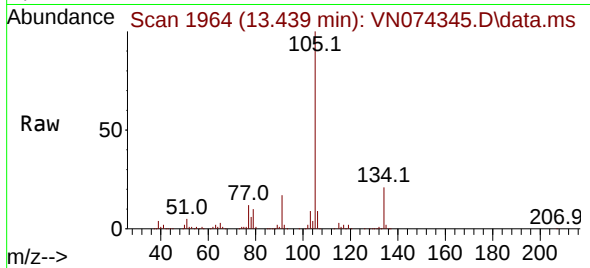
Tgt Ion:105 Resp: 297499
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 10.220 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074345.D
 Acq: 06 Sep 2022 17:21

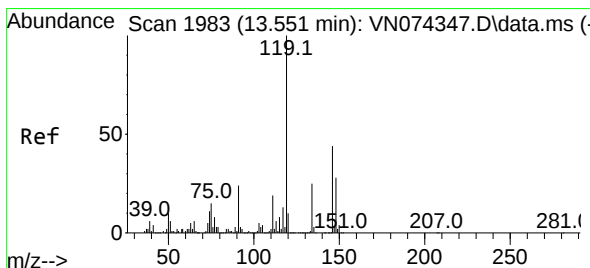
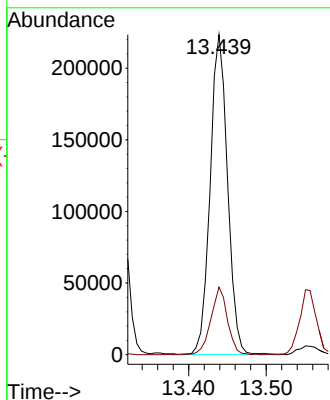
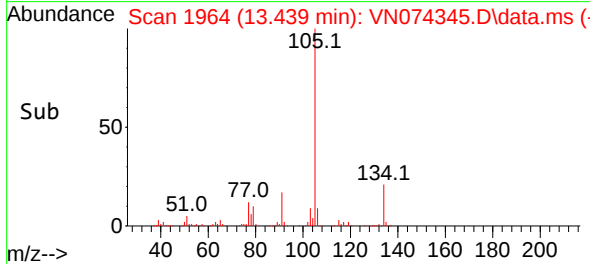
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



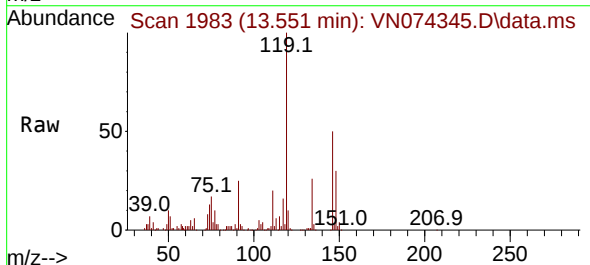
Tgt Ion:105 Resp: 346998
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations
 APPROVED

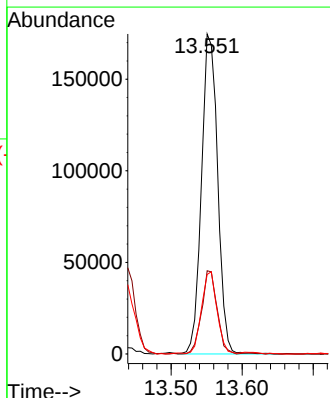
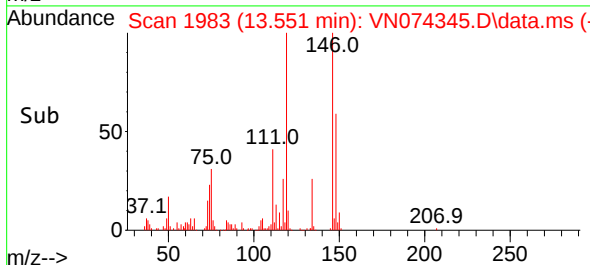
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022

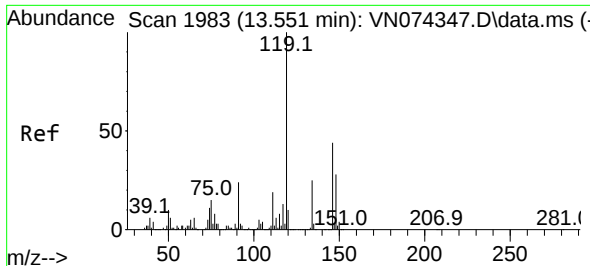


#86
 p-Isopropyltoluene
 Concen: 10.456 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN074345.D
 Acq: 06 Sep 2022 17:21



Tgt Ion:119 Resp: 277402
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.3 39.8
 91 24.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 10.755 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 145689

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

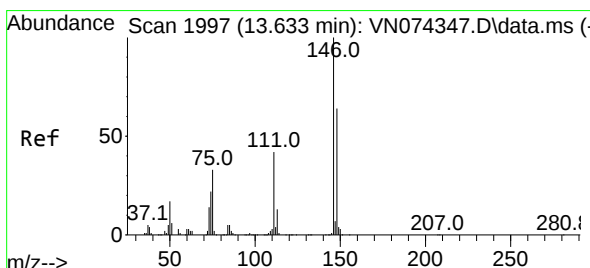
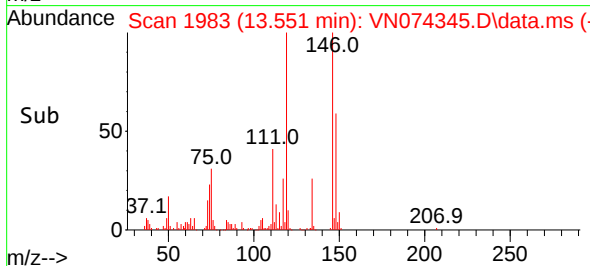
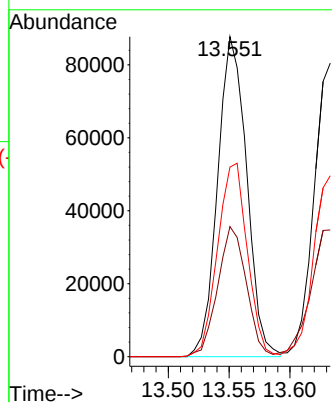
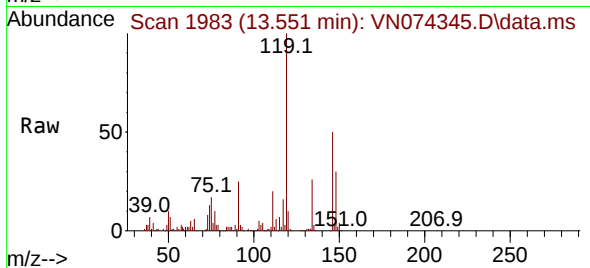
148 61.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#88

1,4-Dichlorobenzene

Concen: 9.816 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

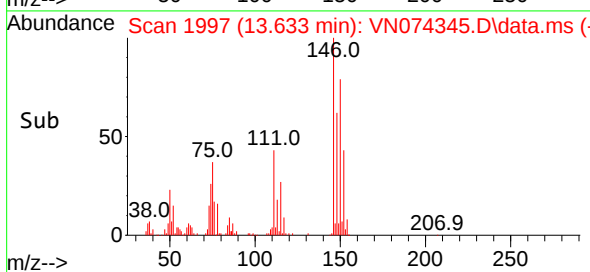
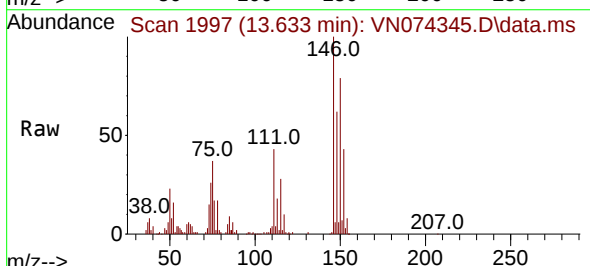
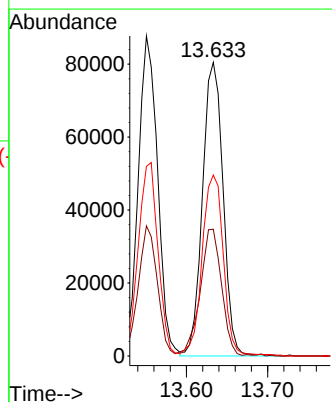
Tgt Ion:146 Resp: 141654

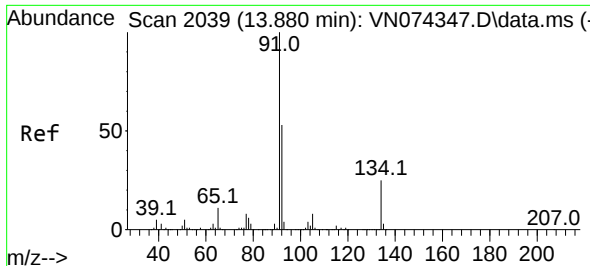
Ion Ratio Lower Upper

146 100

111 44.4 19.1 57.1

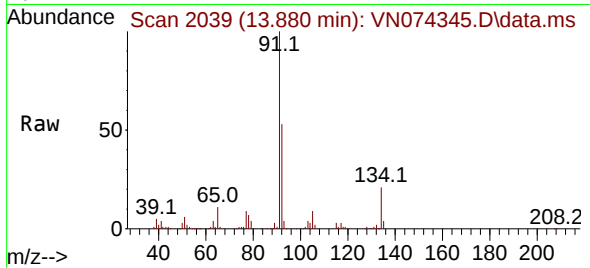
148 63.8 31.4 94.3





#89
n-Butylbenzene
Concen: 9.056 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

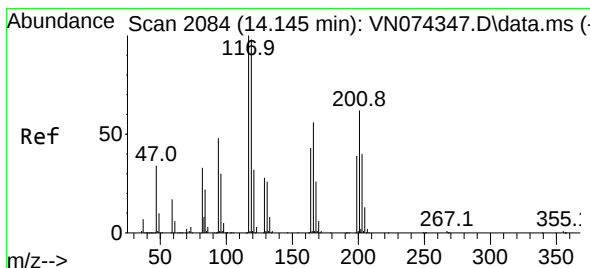
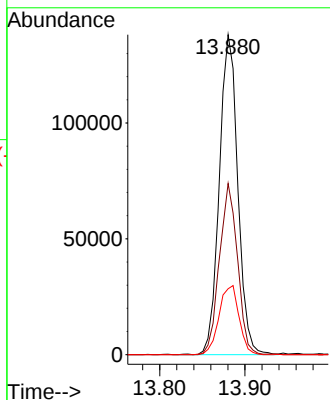
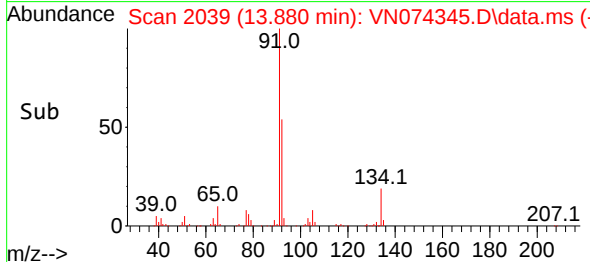
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



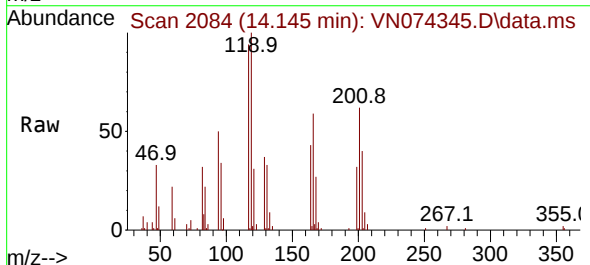
Tgt Ion: 91 Resp: 20827
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 23.4 13.6 40.8

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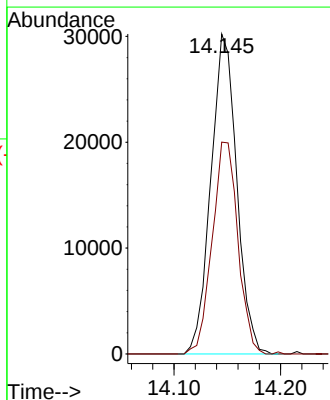
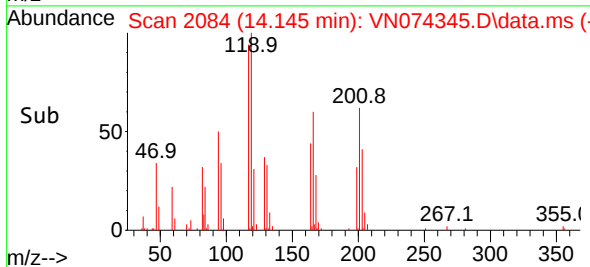
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

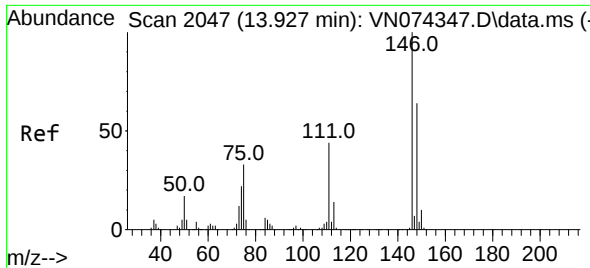


#90
Hexachloroethane
Concen: 9.848 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



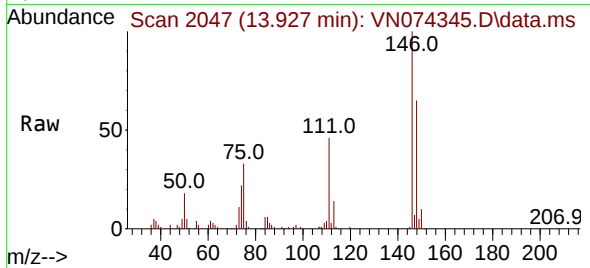
Tgt Ion:117 Resp: 50946
Ion Ratio Lower Upper
117 100
201 65.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 10.273 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

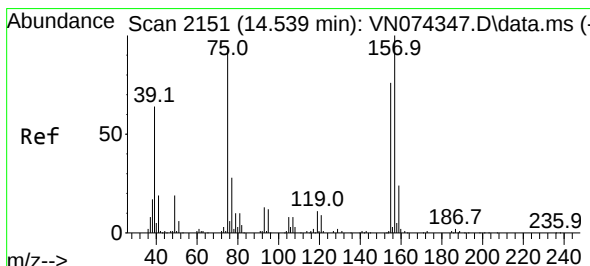
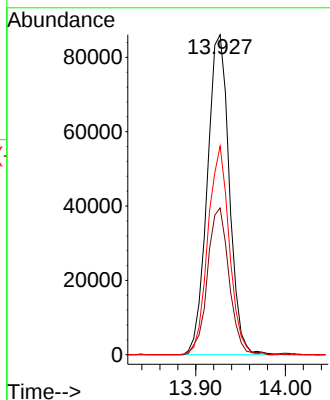
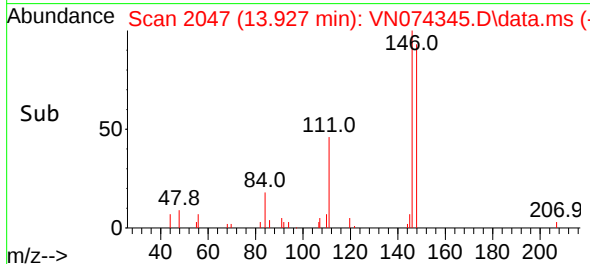
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



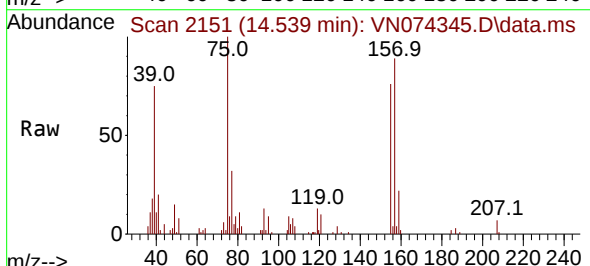
Tgt Ion:146 Resp: 146709
Ion Ratio Lower Upper
146 100
111 45.1 20.9 62.8
148 63.2 32.1 96.3

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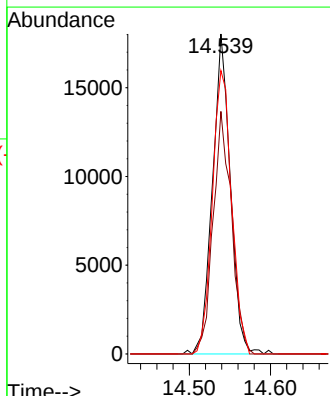
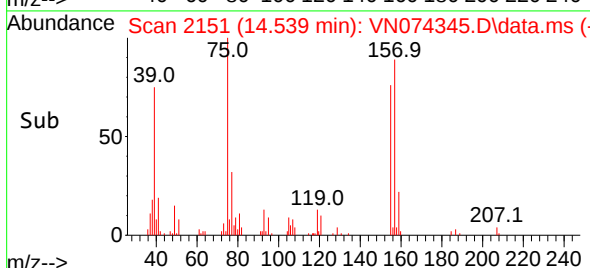
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

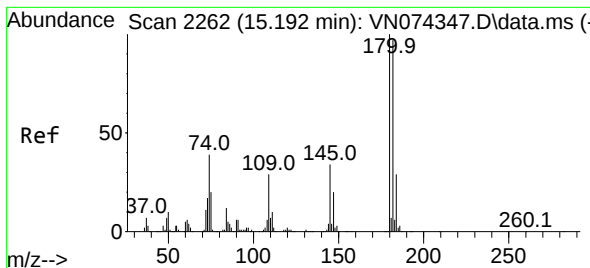


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.254 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



Tgt Ion: 75 Resp: 27665
Ion Ratio Lower Upper
75 100
155 78.1 44.9 134.5
157 95.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 9.177 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 6784

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

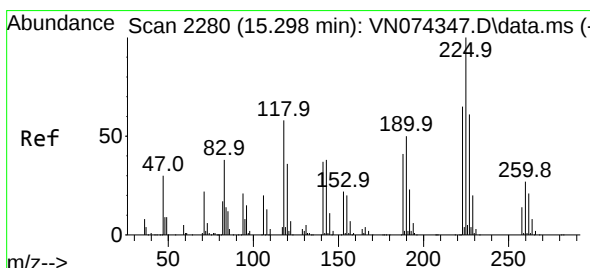
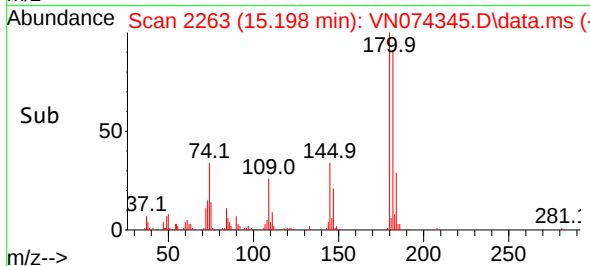
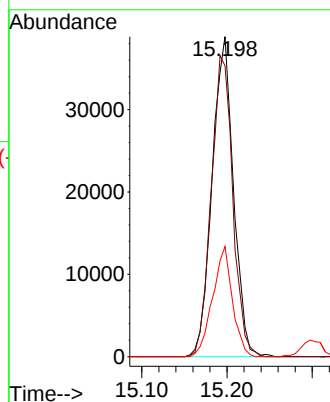
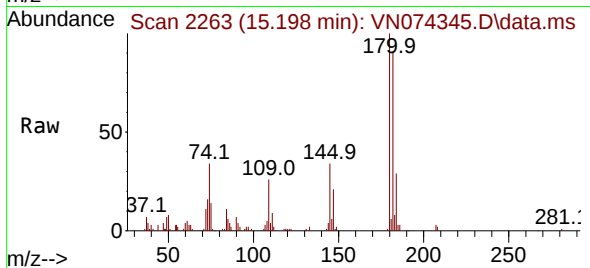
145 31.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/07/2022



#94

Hexachlorobutadiene

Concen: 10.233 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN074345.D

Acq: 06 Sep 2022 17:21

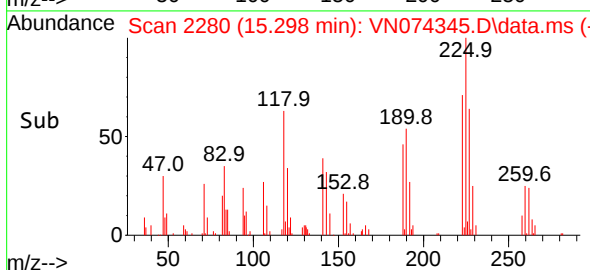
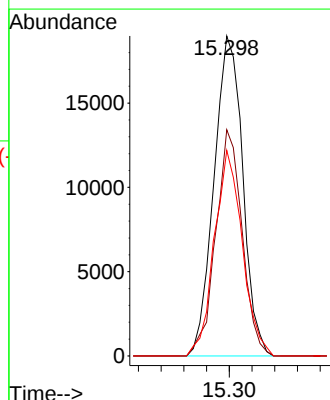
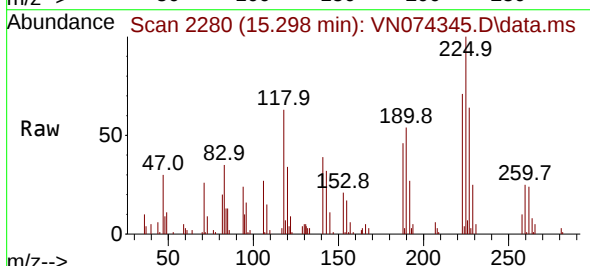
Tgt Ion:225 Resp: 33282

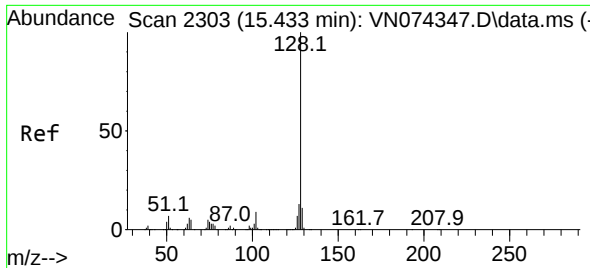
Ion Ratio Lower Upper

225 100

223 65.2 32.4 97.2

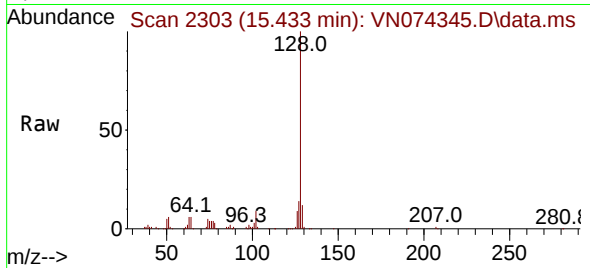
227 62.6 31.8 95.4





#95
Naphthalene
Concen: 8.019 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21

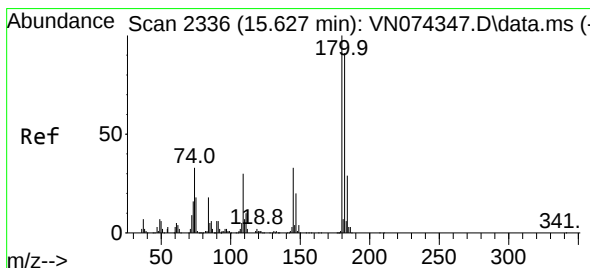
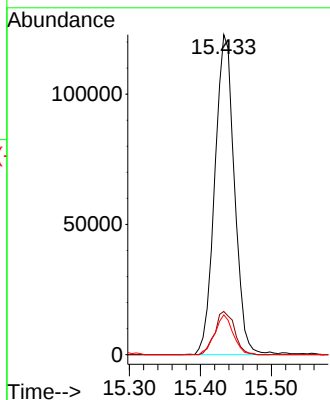
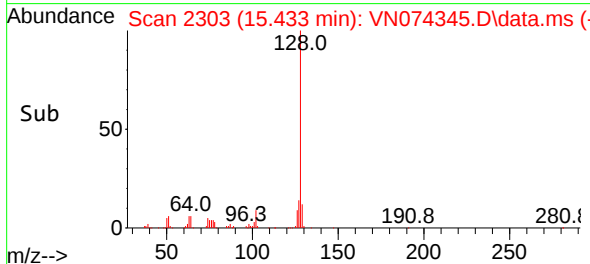
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



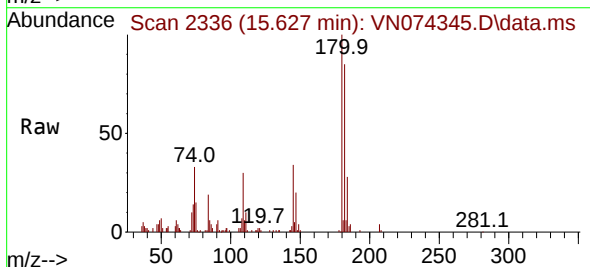
Tgt Ion:128 Resp: 23502
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 9.010 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN074345.D
Acq: 06 Sep 2022 17:21



Tgt Ion:180 Resp: 70961
Ion Ratio Lower Upper
180 100
182 92.5 47.8 143.3
145 35.5 15.5 46.5

