

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074424.D
 Acq On : 13 Sep 2022 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 17:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	200316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	361349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	348665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	176320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	172771	49.851	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.700%		
35) Dibromofluoromethane	7.945	113	126325	51.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.560%		
50) Toluene-d8	10.380	98	498066	52.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.800%		
62) 4-Bromofluorobenzene	12.674	95	186143	53.938	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	113208	43.609	ug/l	95
3) Chloromethane	2.263	50	159614	51.369	ug/l	91
4) Vinyl Chloride	2.404	62	223292	51.486	ug/l	95
5) Bromomethane	2.775	94	176312	58.177	ug/l	99
6) Chloroethane	2.934	64	173489	66.032	ug/l	91
7) Trichlorofluoromethane	3.293	101	328030	76.601	ug/l	99
8) Diethyl Ether	3.757	74	82017	45.390	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	124260	48.422	ug/l	95
10) Methyl Iodide	4.340	142	140205	47.263	ug/l	99
11) Tert butyl alcohol	5.287	59	219894	242.570	ug/l	99
12) 1,1-Dichloroethene	4.104	96	108719	43.538	ug/l	90
13) Acrolein	3.969	56	166593	276.659	ug/l	99
14) Allyl chloride	4.745	41	255319	46.613	ug/l	99
15) Acrylonitrile	5.469	53	547078	263.783	ug/l	99
16) Acetone	4.216	43	491243	262.546	ug/l	98
17) Carbon Disulfide	4.446	76	315787	46.531	ug/l	100
18) Methyl Acetate	4.769	43	280102	50.782	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	480767	47.835	ug/l	99
20) Methylene Chloride	4.998	84	143023	52.162	ug/l	98
21) trans-1,2-Dichloroethene	5.498	96	123568	44.161	ug/l	96
22) Diisopropyl ether	6.404	45	561971	50.956	ug/l	96
23) Vinyl Acetate	6.345	43	2577081	261.836	ug/l	98
24) 1,1-Dichloroethane	6.298	63	274319	48.408	ug/l	97
25) 2-Butanone	7.257	43	851001	270.947	ug/l	100
26) 2,2-Dichloropropane	7.239	77	219692	42.854	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	148155	42.977	ug/l	91
28) Bromochloromethane	7.575	49	87598	51.594	ug/l #	20
29) Tetrahydrofuran	7.604	42	563715	271.510	ug/l	97
30) Chloroform	7.745	83	285766	50.520	ug/l	97
31) Cyclohexane	8.022	56	262452	47.615	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	246119	48.502	ug/l	97
36) 1,1-Dichloropropene	8.145	75	206434	51.366	ug/l	98
37) Ethyl Acetate	7.334	43	323338	55.463	ug/l	98
38) Carbon Tetrachloride	8.134	117	204540	49.299	ug/l	97
39) Methylcyclohexane	9.392	83	248025	48.694	ug/l	97
40) Benzene	8.386	78	633796	51.508	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	150351	51.975	ug/l #	72
42) 1,2-Dichloroethane	8.463	62	246012	52.298	ug/l	97
43) Isopropyl Acetate	8.492	43	502635	52.720	ug/l	97
44) Trichloroethene	9.151	130	138007	50.028	ug/l	100
45) 1,2-Dichloropropane	9.428	63	166866	51.085	ug/l	94
46) Dibromomethane	9.516	93	116269	51.987	ug/l	95
47) Bromodichloromethane	9.698	83	231851	52.009	ug/l	97
48) Methyl methacrylate	9.498	41	236088	56.188	ug/l	91
49) 1,4-Dioxane	9.504	88	96867	1093.976	ug/l	98
51) 4-Methyl-2-Pentanone	10.269	43	1811119	290.478	ug/l	97
52) Toluene	10.445	92	394570	51.851	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	261689	53.212	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	264359	50.424	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	159668	50.903	ug/l	97
56) Ethyl methacrylate	10.704	69	293478	55.065	ug/l	93
57) 1,3-Dichloropropane	10.986	76	292723	53.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	627256	253.000	ug/l	100
59) 2-Hexanone	11.027	43	1442620	299.827	ug/l	96
60) Dibromochloromethane	11.180	129	170756	53.768	ug/l	100
61) 1,2-Dibromoethane	11.286	107	170107	52.713	ug/l	100
64) Tetrachloroethene	10.916	164	109496	46.325	ug/l	97
65) Chlorobenzene	11.710	112	414514	49.304	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	152335	46.386	ug/l	99
67) Ethyl Benzene	11.786	91	791425	49.839	ug/l	97
68) m/p-Xylenes	11.892	106	605501	101.431	ug/l	99
69) o-Xylene	12.221	106	298573	49.757	ug/l	98
70) Styrene	12.239	104	502350	52.657	ug/l	97
71) Bromoform	12.398	173	120758	49.091	ug/l #	99
73) Isopropylbenzene	12.521	105	791687	46.734	ug/l	99
74) N-amyl acetate	12.333	43	479057	55.741	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	297324	46.703	ug/l	99
76) 1,2,3-Trichloropropane	12.827	75	233765m	50.716	ug/l	
77) Bromobenzene	12.804	156	166234	45.710	ug/l	96
78) n-propylbenzene	12.863	91	964162	49.682	ug/l	98
79) 2-Chlorotoluene	12.951	91	559537	47.290	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	676724	48.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	97325	47.065	ug/l	91
82) 4-Chlorotoluene	13.045	91	552375	48.385	ug/l	100
83) tert-Butylbenzene	13.268	119	586637	46.363	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	682948	49.027	ug/l	99
85) sec-Butylbenzene	13.445	105	863173	50.129	ug/l	100
86) p-Isopropyltoluene	13.557	119	688488	49.954	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	328000	48.782	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	326281	48.037	ug/l	99
89) n-Butylbenzene	13.886	91	625374	53.322	ug/l	98
90) Hexachloroethane	14.151	117	129105	44.340	ug/l	93
91) 1,2-Dichlorobenzene	13.933	146	323651	45.771	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	73103	50.909	ug/l	95
93) 1,2,4-Trichlorobenzene	15.204	180	163528	46.410	ug/l	98
94) Hexachlorobutadiene	15.310	225	67303	42.143	ug/l	97
95) Naphthalene	15.439	128	653781	47.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	163489	44.837	ug/l	99

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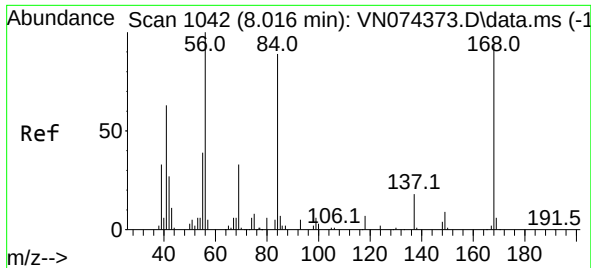
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/14/2022

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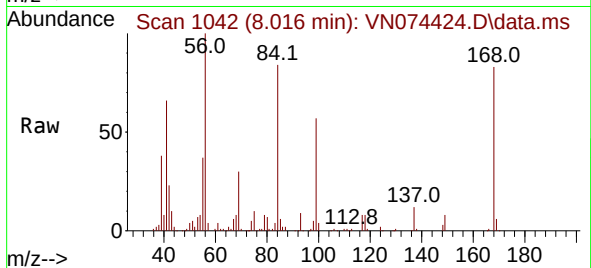
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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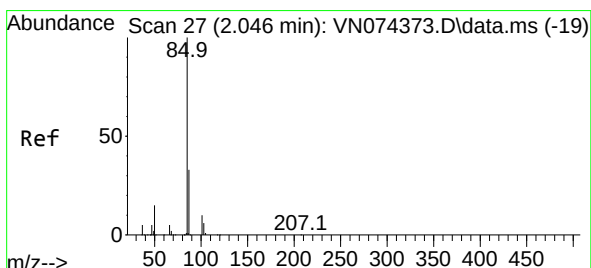
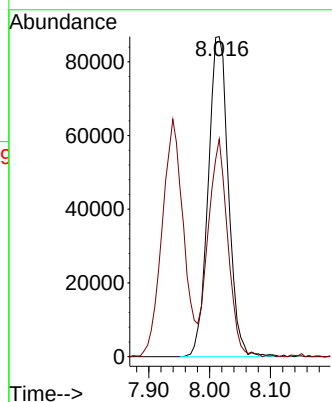
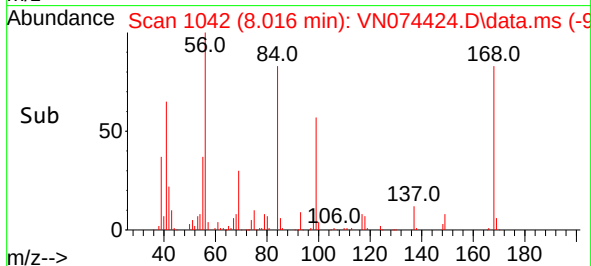
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 200310
Ion Ratio Lower Upper
168 100
99 67.8 52.8 79.2

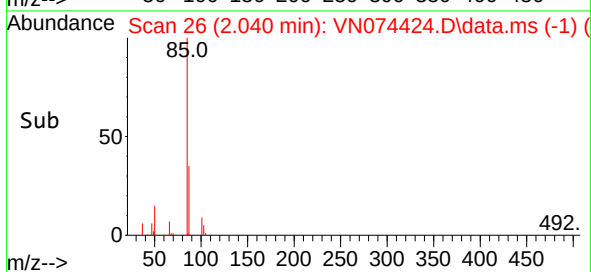
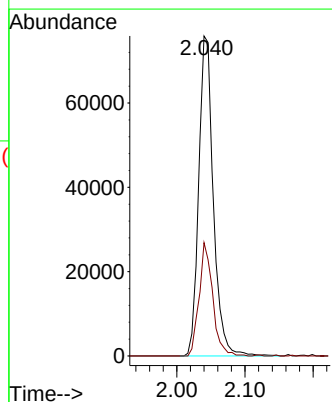
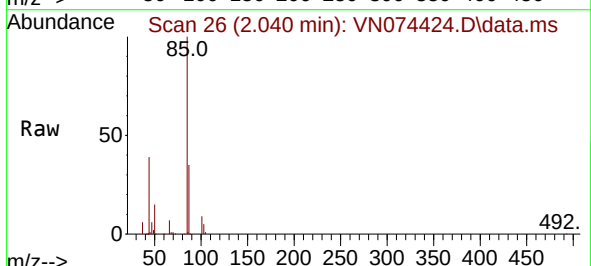
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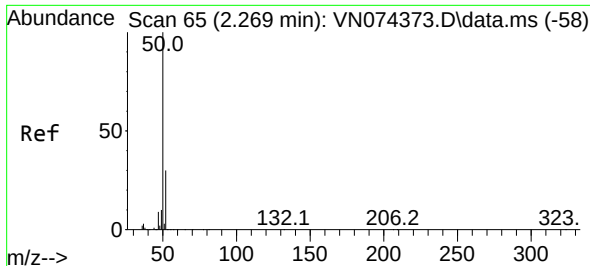
Reviewed By :John Carlone 09/14/2022
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#2
Dichlorodifluoromethane
Concen: 43.609 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

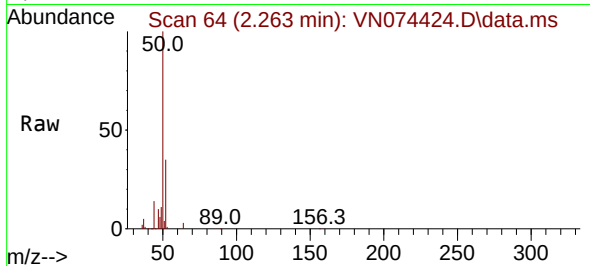
Tgt Ion: 85 Resp: 113208
Ion Ratio Lower Upper
85 100
87 35.4 16.4 49.2





#3
Chloromethane
Concen: 51.369 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

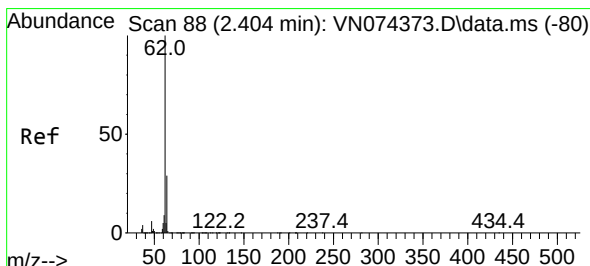
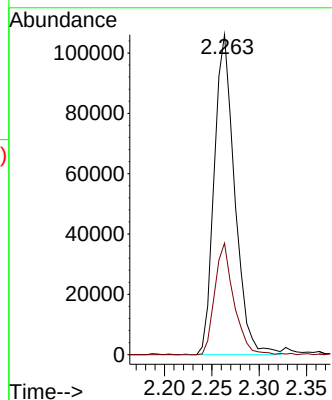
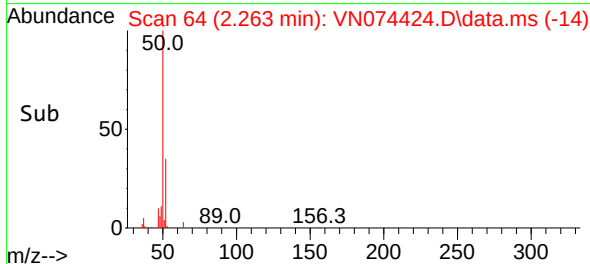
Instrument :
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Tgt Ion: 50 Resp: 159614
Ion Ratio Lower Upper
50 100
52 34.8 24.1 36.1

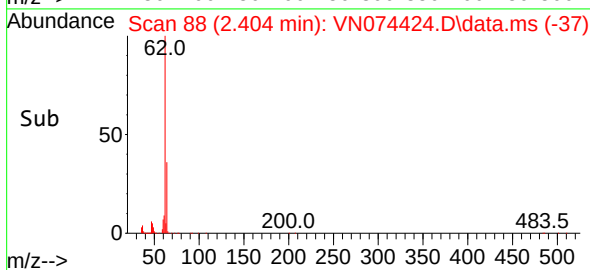
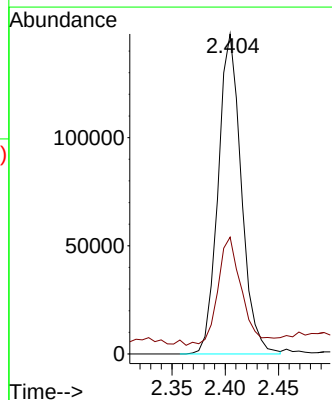
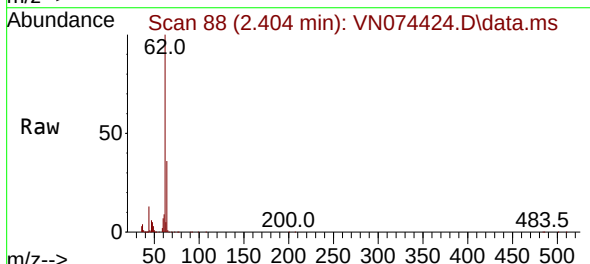
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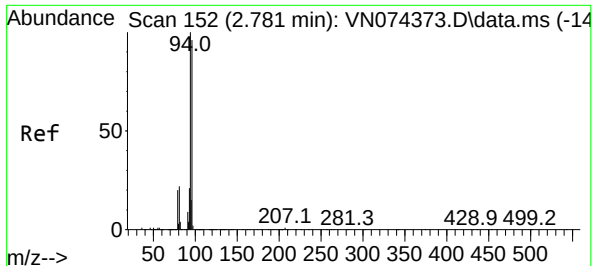
Reviewed By :John Carlone 09/14/2022
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#4
Vinyl Chloride
Concen: 51.486 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion: 62 Resp: 223292
Ion Ratio Lower Upper
62 100
64 32.2 23.5 35.3





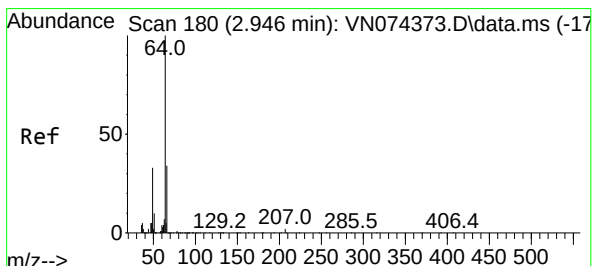
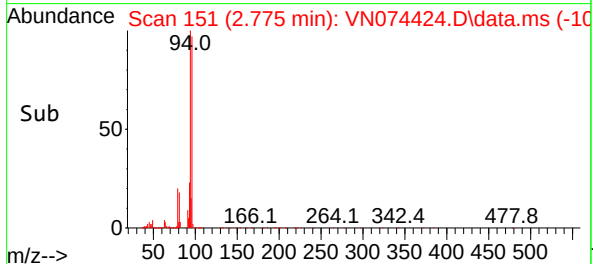
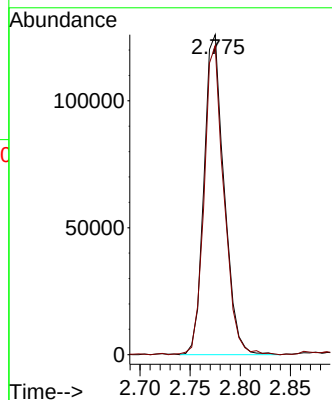
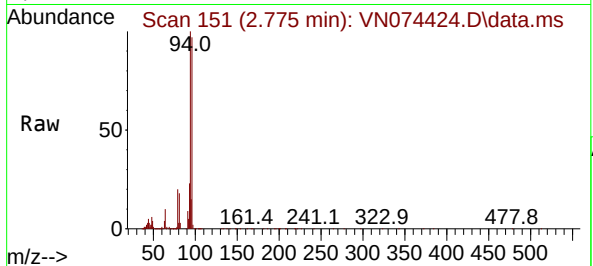
#5
Bromomethane
Concen: 58.177 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074424.D
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Tgt Ion: 94 Resp: 176312
Ion Ratio Lower Upper
94 100
96 96.5 76.7 115.1

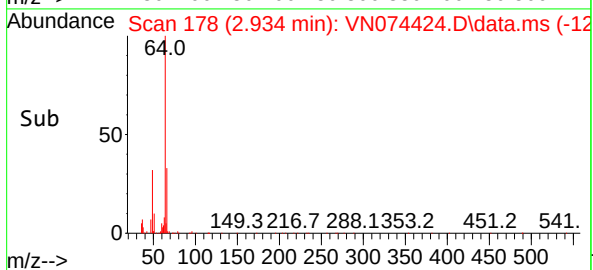
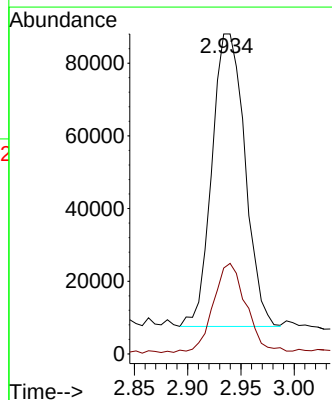
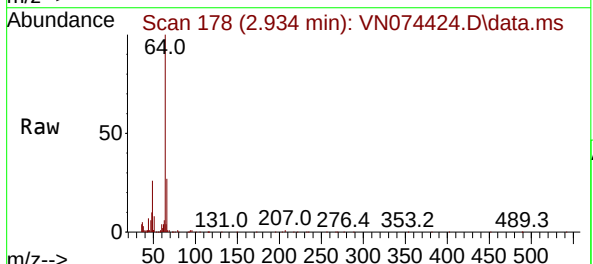
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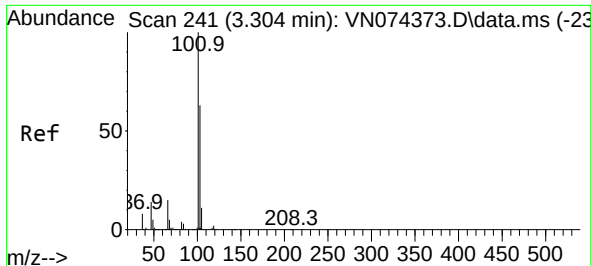
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#6
Chloroethane
Concen: 66.032 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.012 min
Lab File: VN074424.D
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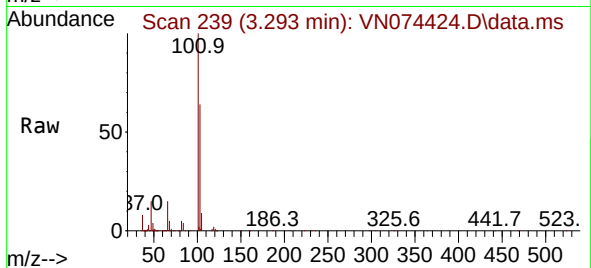
Tgt Ion: 64 Resp: 173489
Ion Ratio Lower Upper
64 100
66 28.1 26.5 39.7





#7
 Trichlorofluoromethane
 Concen: 76.601 ug/l
 RT: 3.293 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN074424.D
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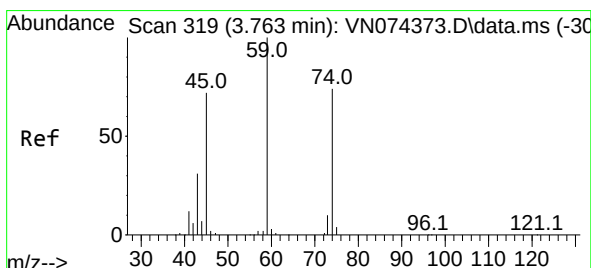
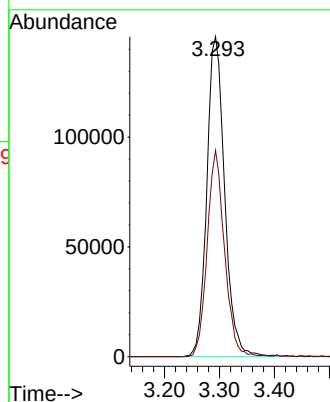
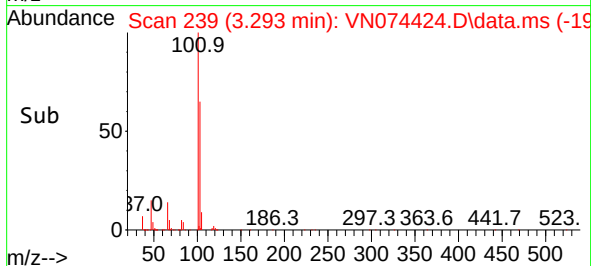
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 328030
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.8 76.2

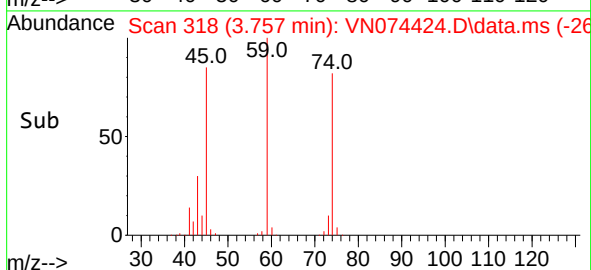
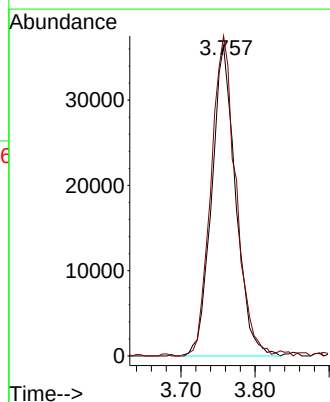
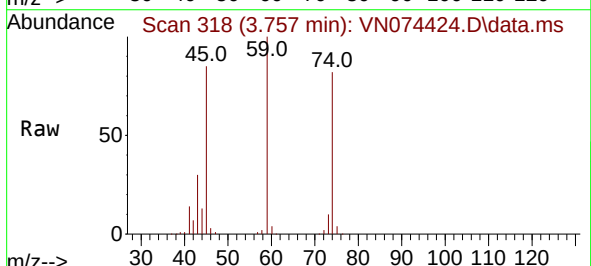
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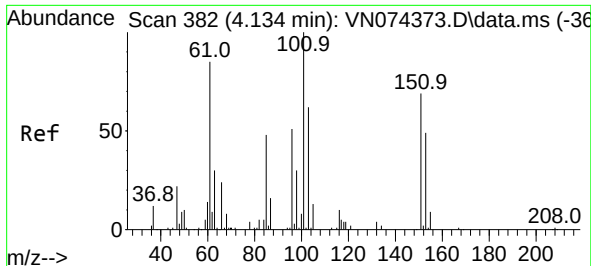
Reviewed By :John Carlone 09/14/2022
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#8
 Diethyl Ether
 Concen: 45.390 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 82017
 Ion Ratio Lower Upper
 74 100
 45 107.0 52.4 157.3





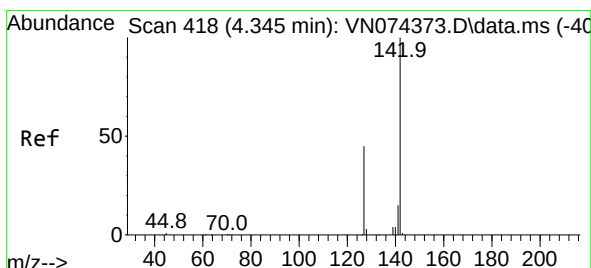
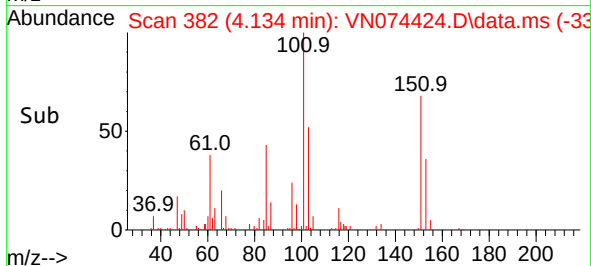
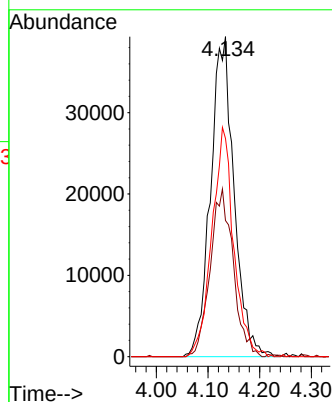
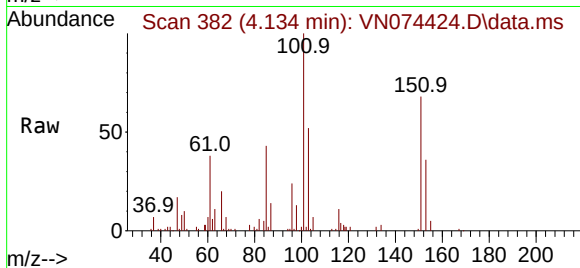
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.422 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 124260
Ion Ratio Lower Upper
101 100
85 51.2 39.5 59.3
151 66.7 57.8 86.6

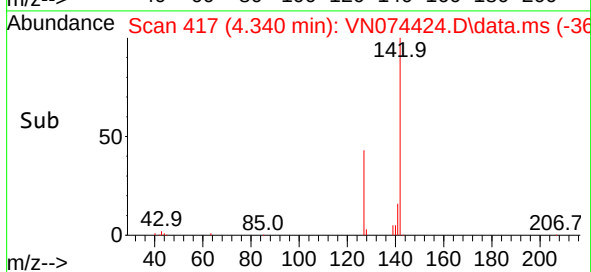
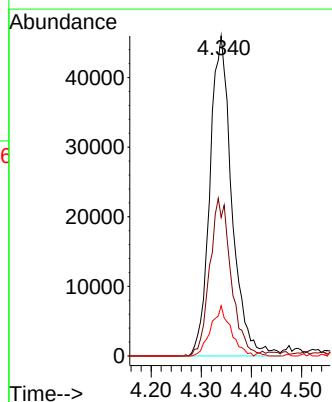
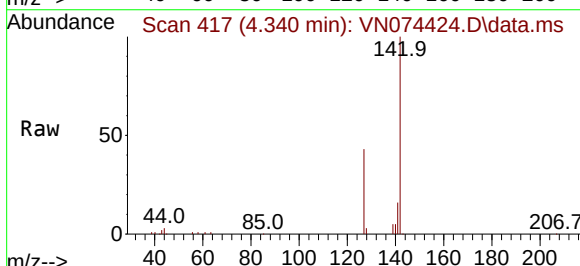
Manual Integrations
APPROVED

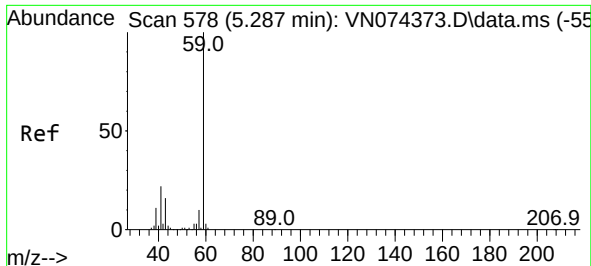
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 47.263 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

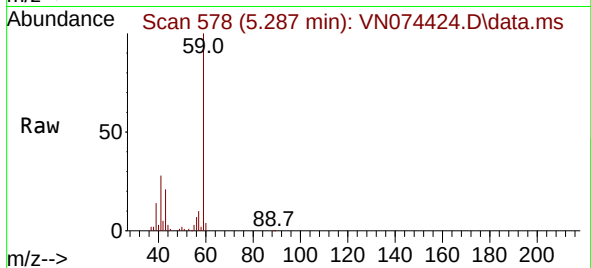
Tgt Ion:142 Resp: 140205
Ion Ratio Lower Upper
142 100
127 47.8 37.4 56.2
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 242.570 ug/l
RT: 5.287 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

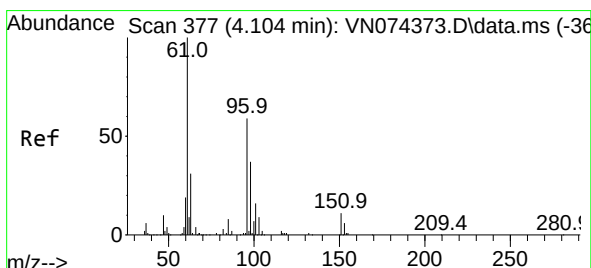
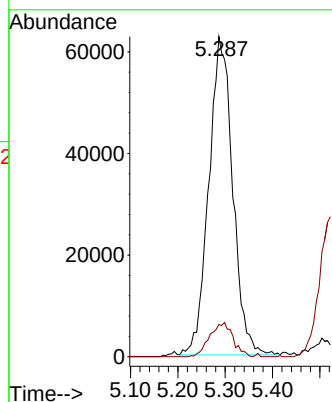
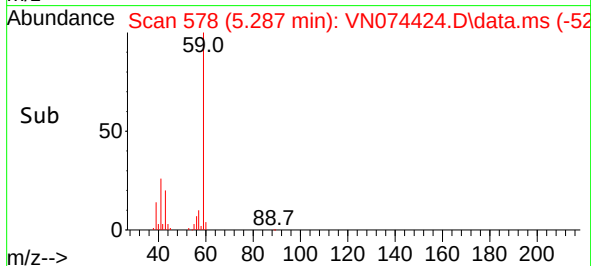
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



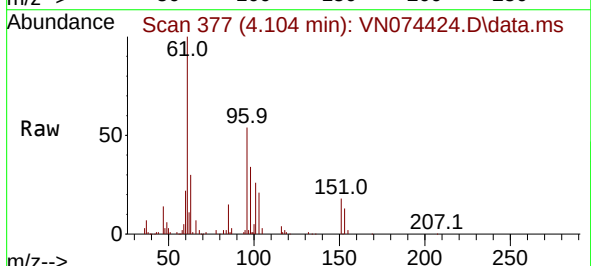
Tgt Ion: 59 Resp: 219894
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2

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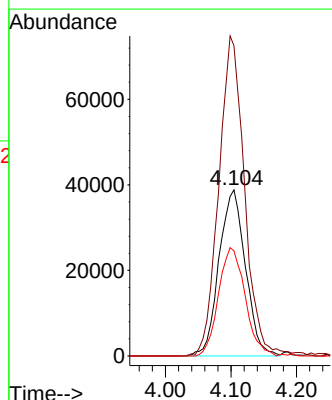
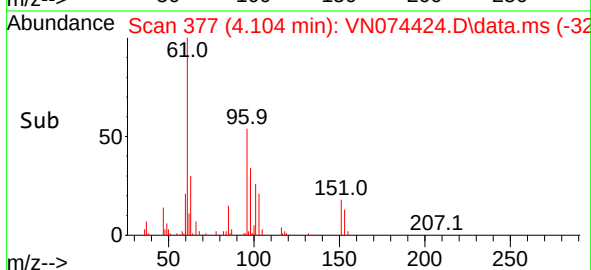
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

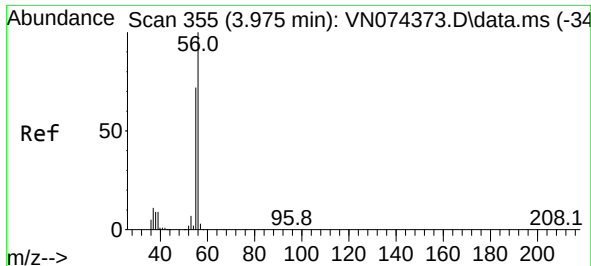


#12
1,1-Dichloroethene
Concen: 43.538 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



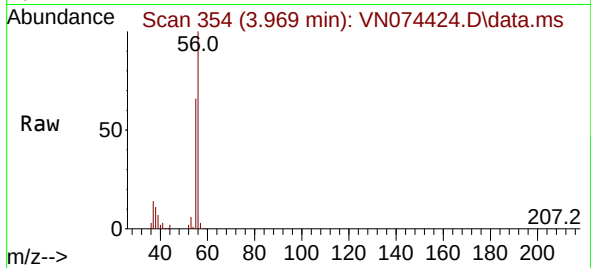
Tgt Ion: 96 Resp: 108719
Ion Ratio Lower Upper
96 100
61 186.9 134.7 202.1
98 63.3 50.2 75.4





#13
Acrolein
Concen: 276.659 ug/l
RT: 3.969 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

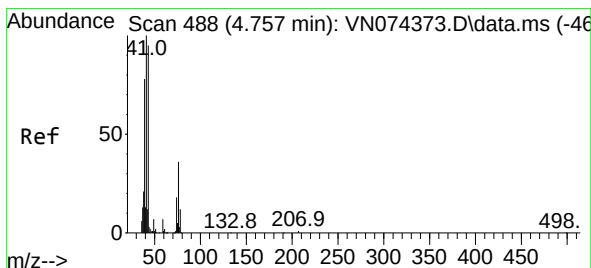
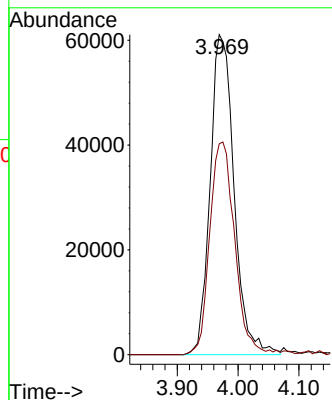
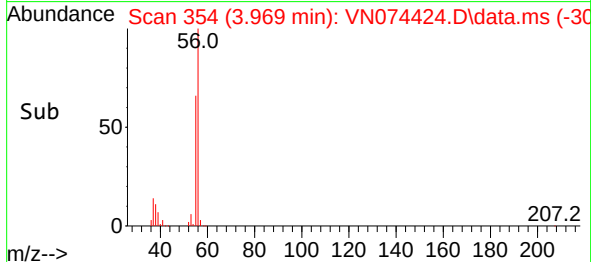
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 166593
Ion Ratio Lower Upper
56 100
55 69.4 56.2 84.4

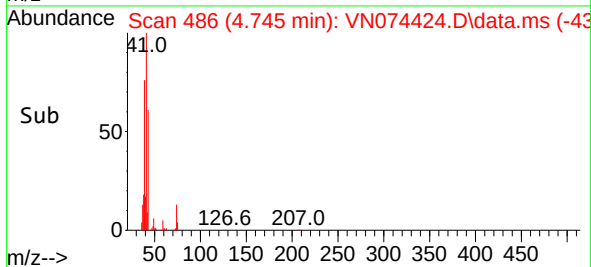
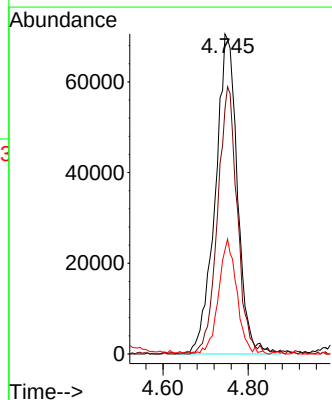
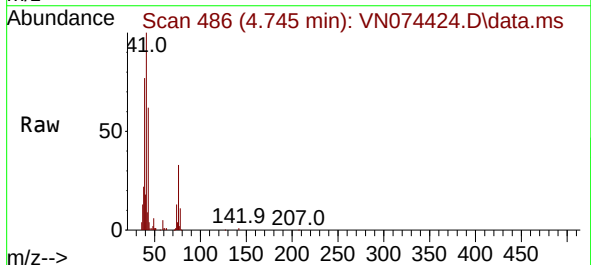
Manual Integrations
APPROVED

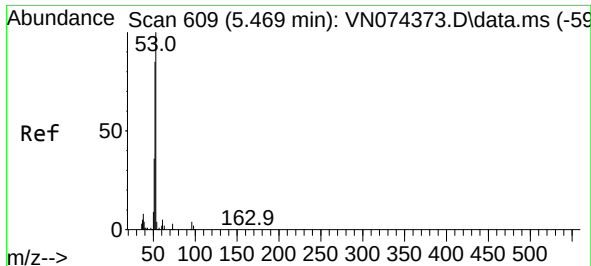
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 46.613 ug/l
RT: 4.745 min Scan# 486
Delta R.T. -0.012 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

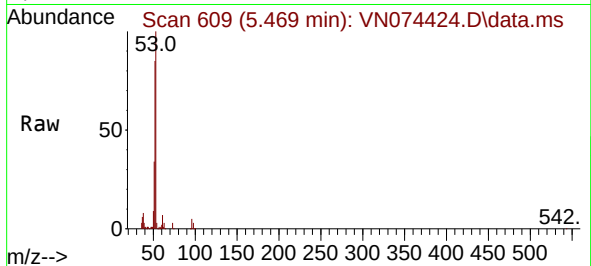
Tgt Ion: 41 Resp: 255319
Ion Ratio Lower Upper
41 100
39 74.5 58.5 87.7
76 29.6 24.2 36.4





#15
Acrylonitrile
Concen: 263.783 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

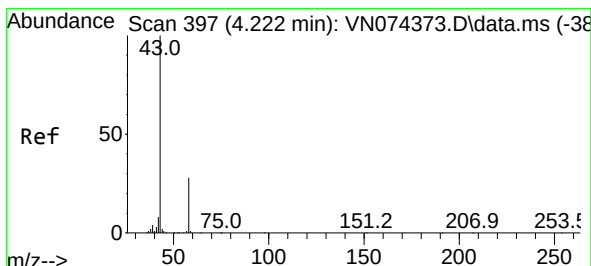
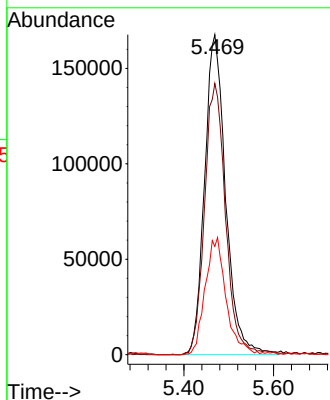
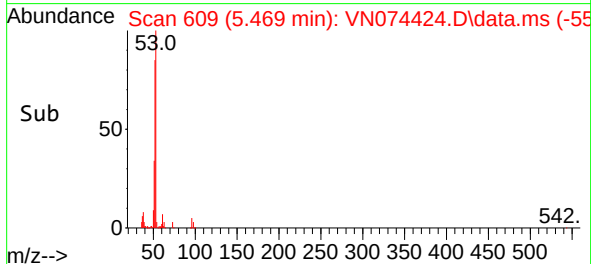
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



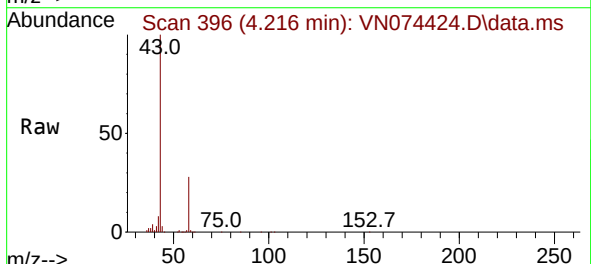
Tgt Ion: 53 Resp: 547078
Ion Ratio Lower Upper
53 100
52 84.1 65.9 98.9
51 36.5 29.4 44.2

Manual Integrations
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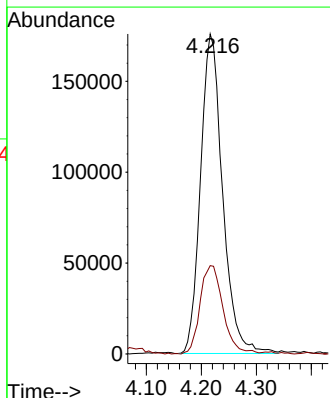
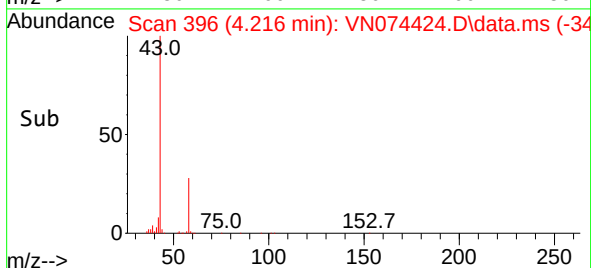
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

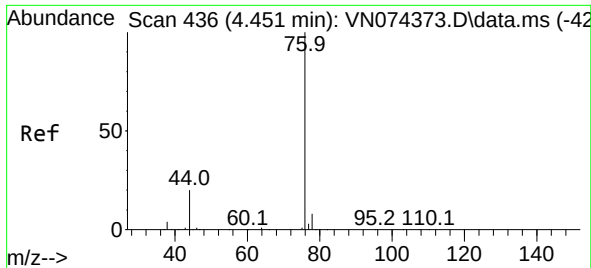


#16
Acetone
Concen: 262.546 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



Tgt Ion: 43 Resp: 491243
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1





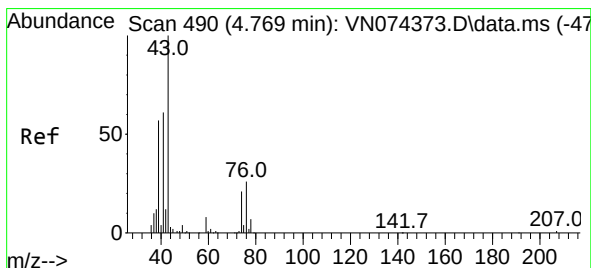
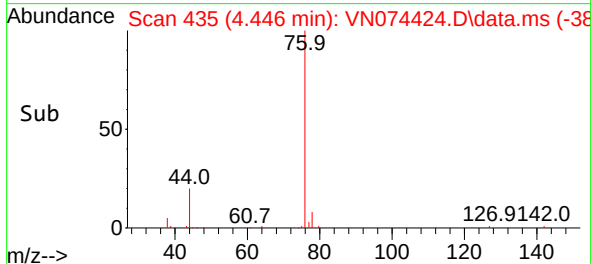
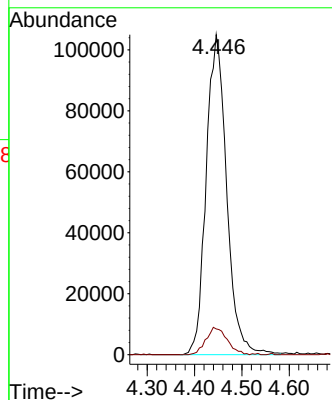
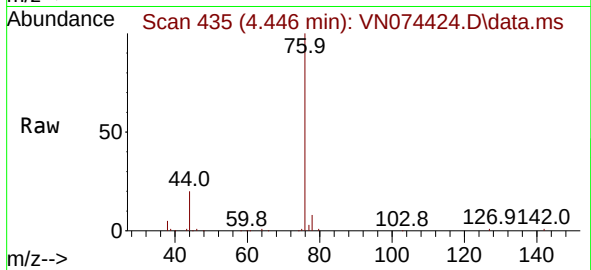
#17
Carbon Disulfide
Concen: 46.531 ug/l
RT: 4.446 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 31578
Ion Ratio Lower Upper
76 100
78 8.0 6.5 9.7

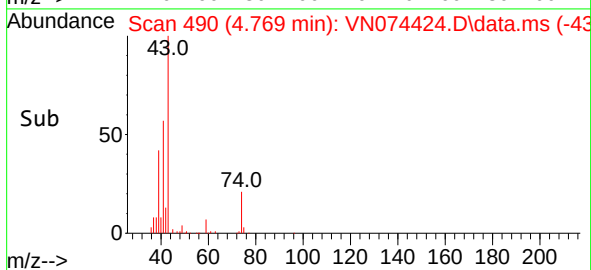
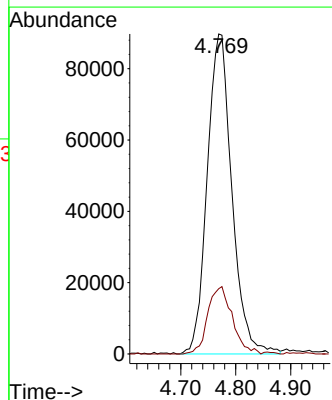
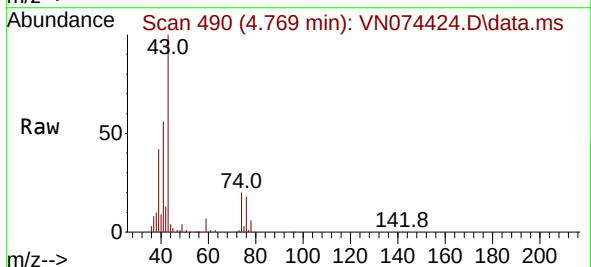
Manual Integrations
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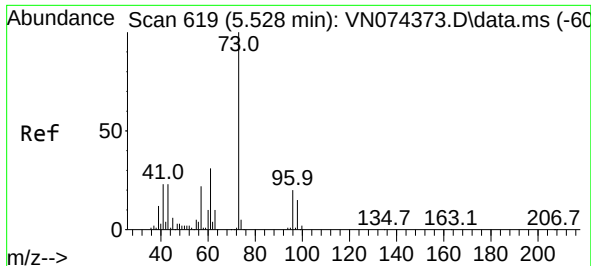
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 50.782 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

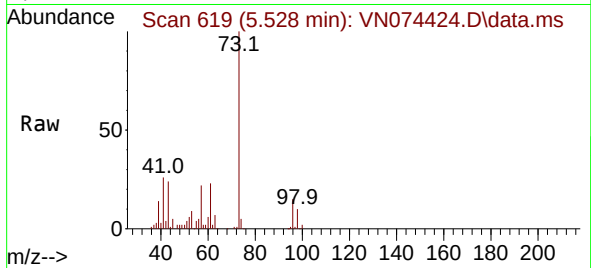
Tgt Ion: 43 Resp: 280102
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 47.835 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

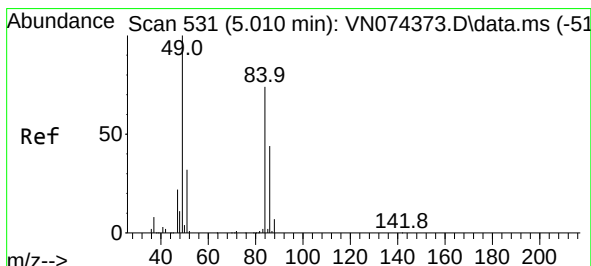
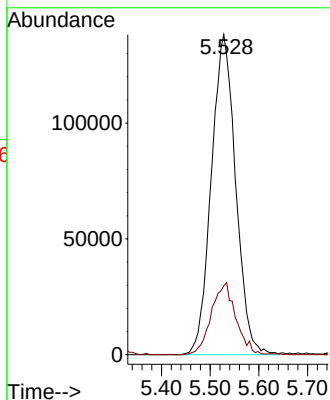
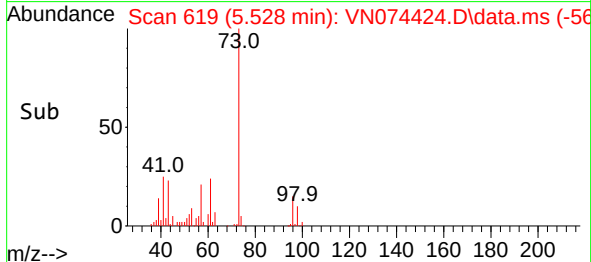
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 48076
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

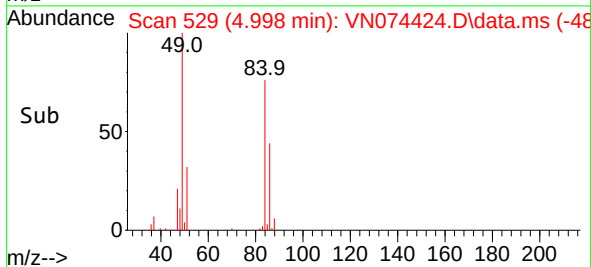
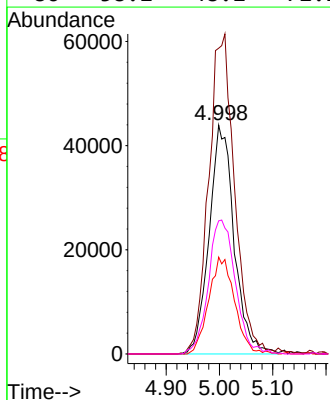
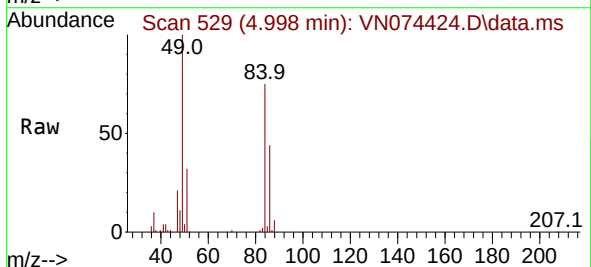
Manual Integrations
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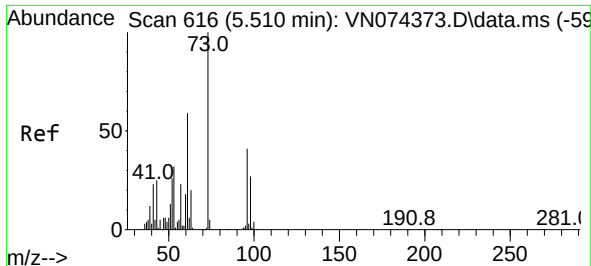
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 52.162 ug/l
RT: 4.998 min Scan# 529
Delta R.T. -0.012 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

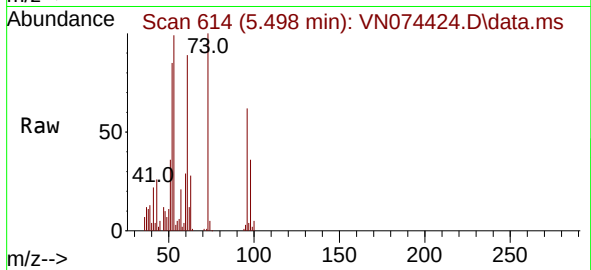
Tgt Ion: 84 Resp: 143023
Ion Ratio Lower Upper
84 100
49 133.6 108.2 162.4
51 42.3 34.3 51.5
86 58.2 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 44.161 ug/l
RT: 5.498 min Scan# 614
Delta R.T. -0.012 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

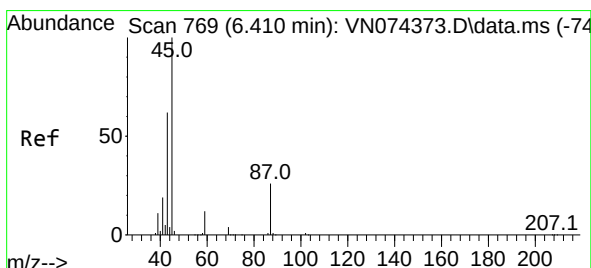
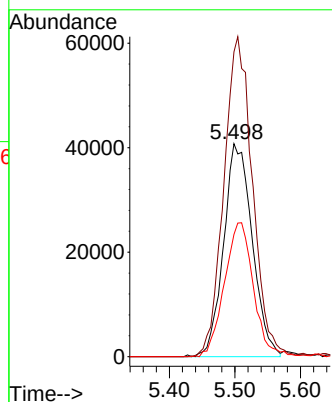
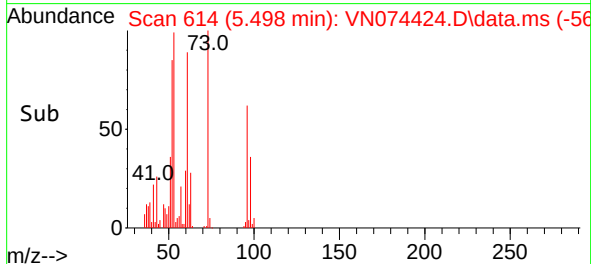
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 123568
Ion Ratio Lower Upper
96 100
61 143.1 115.3 172.9
98 57.4 53.4 80.0

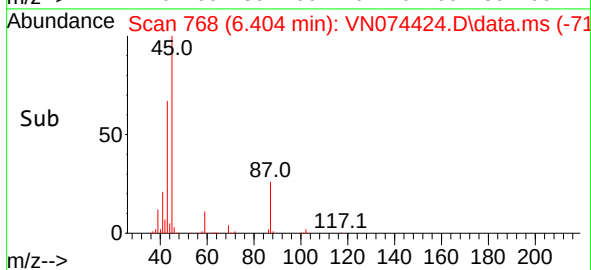
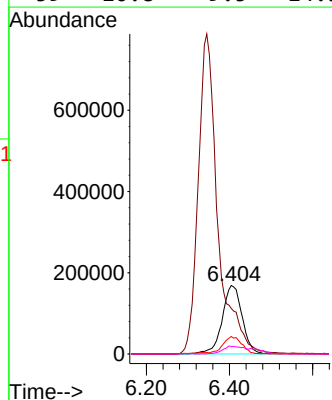
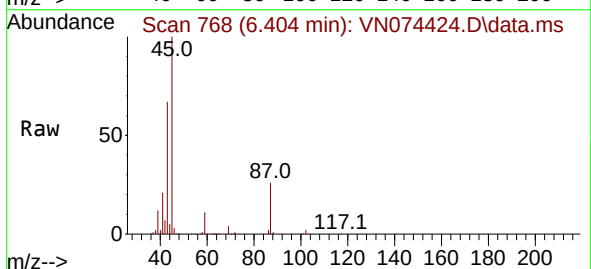
Manual Integrations
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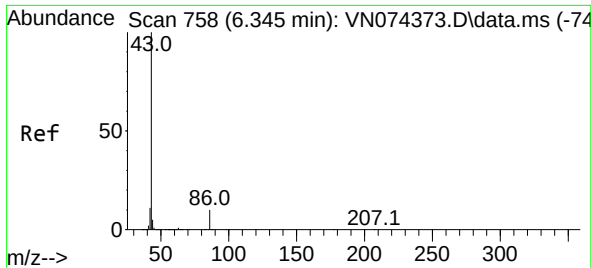
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 50.956 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion: 45 Resp: 561971
Ion Ratio Lower Upper
45 100
43 66.0 49.4 74.0
87 25.6 21.3 31.9
59 10.8 9.5 14.3





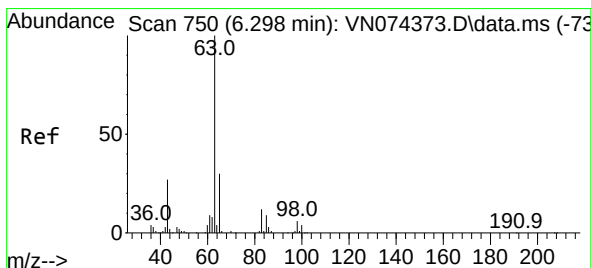
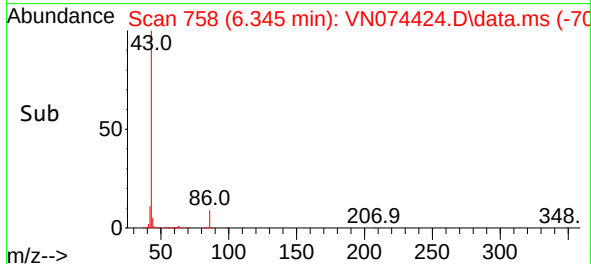
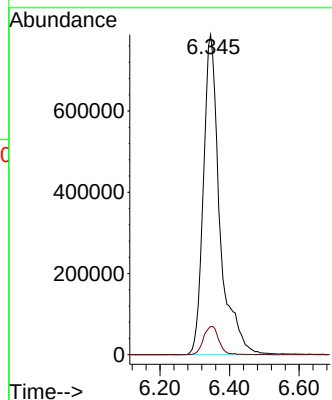
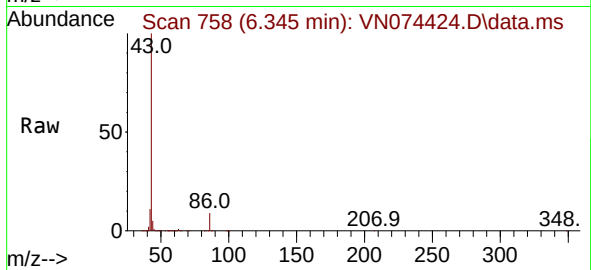
#23
 Vinyl Acetate
 Concen: 261.836 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 257708
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.6 11.4

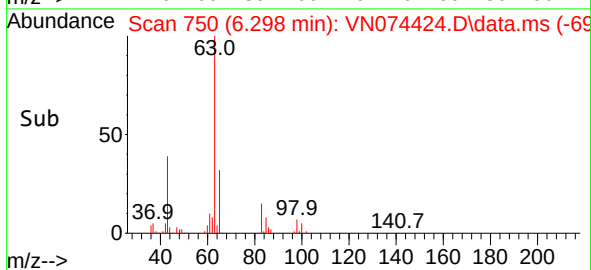
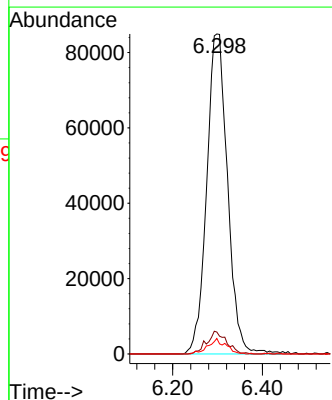
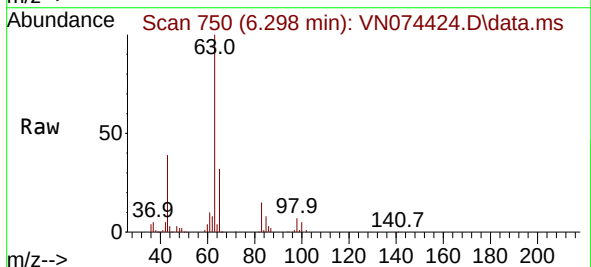
Manual Integrations
 APPROVED

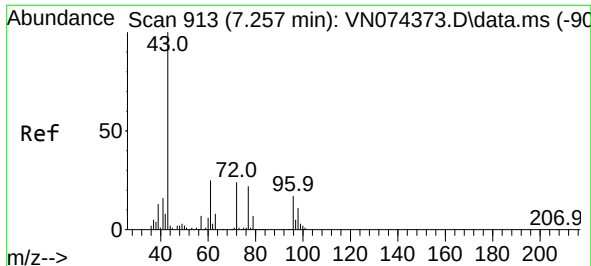
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 48.408 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

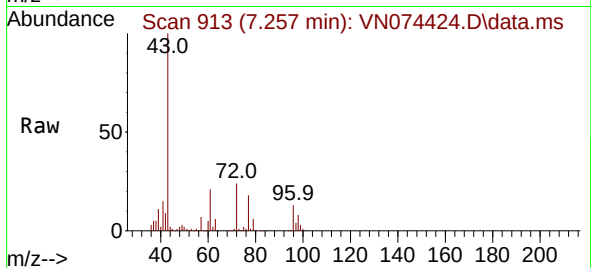
Tgt Ion: 63 Resp: 274319
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.6
 100 4.8 2.0 5.8





#25
2-Butanone
Concen: 270.947 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

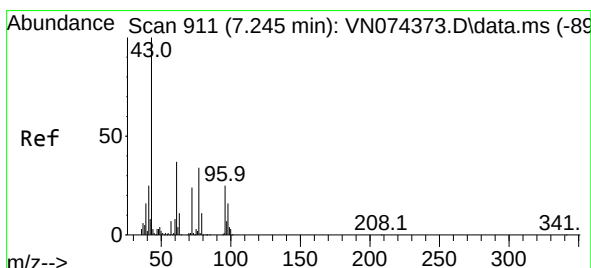
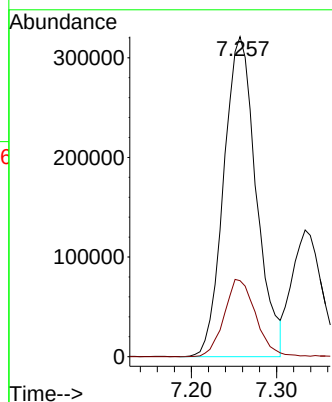
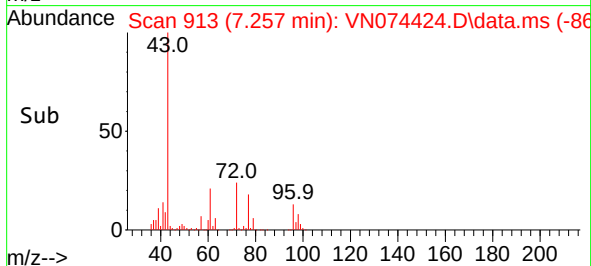
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 85100
Ion Ratio Lower Upper
43 100
72 23.8 18.9 28.3

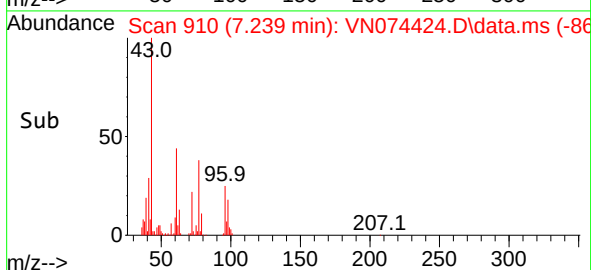
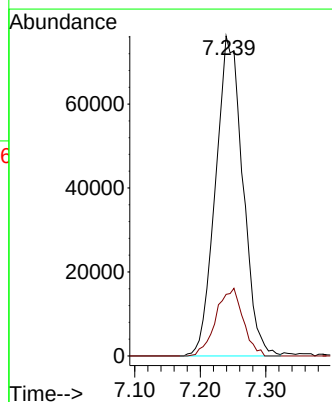
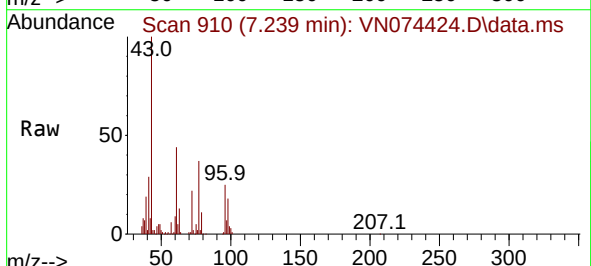
Manual Integrations
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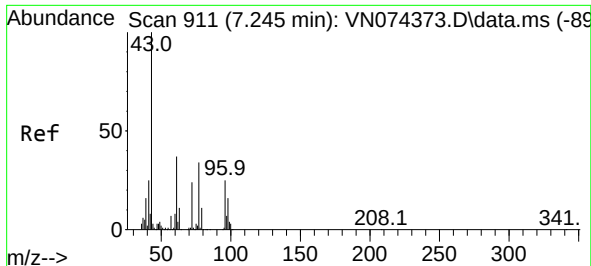
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#26
2,2-Dichloropropane
Concen: 42.854 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

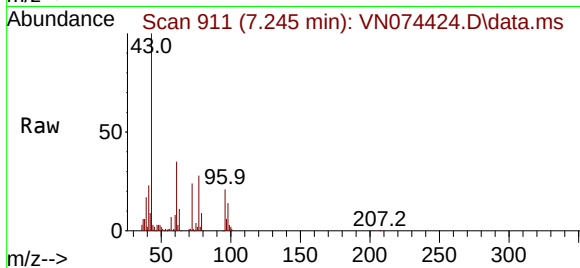
Tgt Ion: 77 Resp: 219692
Ion Ratio Lower Upper
77 100
97 21.0 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 42.977 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

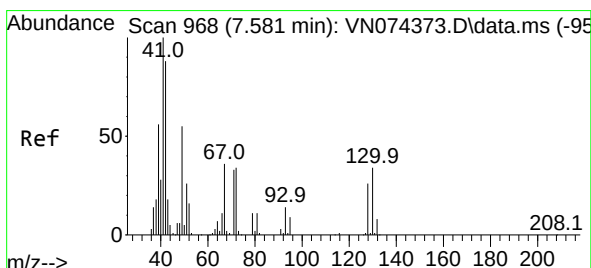
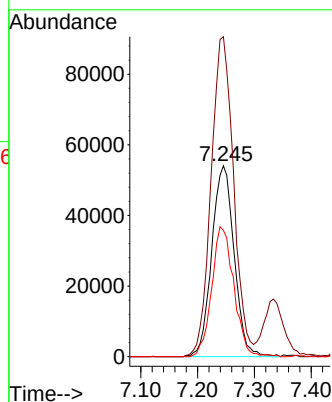
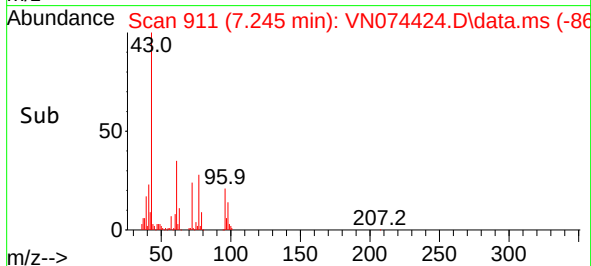
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 14815
 Ion Ratio Lower Upper
 96 100
 61 168.2 0.0 306.2
 98 67.2 0.0 129.8

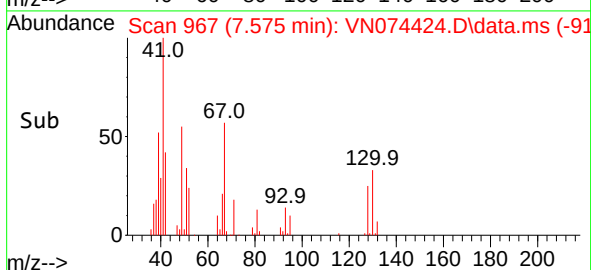
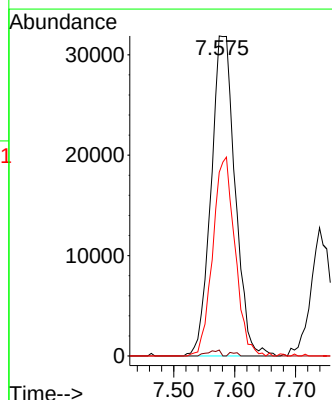
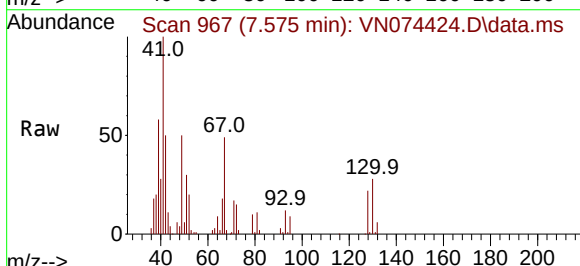
Manual Integrations
 APPROVED

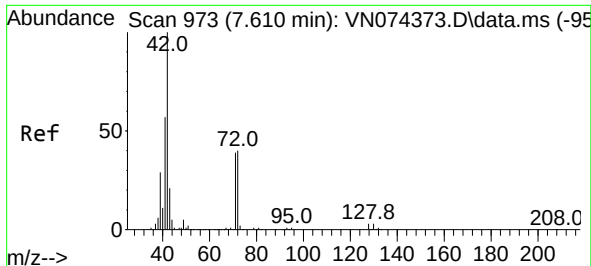
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 51.594 ug/l
 RT: 7.575 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

Tgt Ion: 49 Resp: 87598
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 0.0 50.0 75.0#





#29

Tetrahydrofuran

Concen: 271.510 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

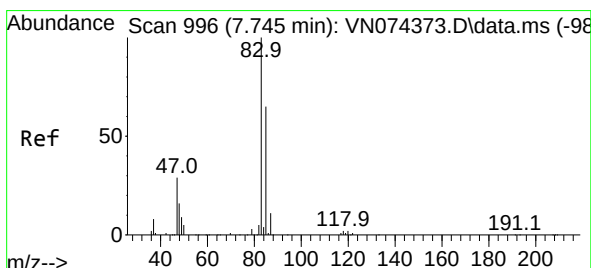
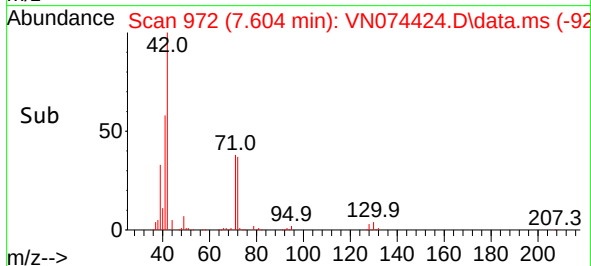
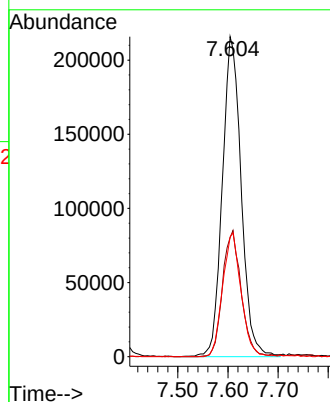
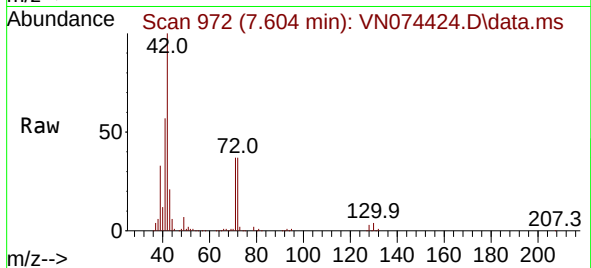
Tgt Ion:	42	Resp:	56371
Ion Ratio	Lower	Upper	
42	100		
72	38.7	32.7	49.1
71	37.9	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 50.520 ug/l

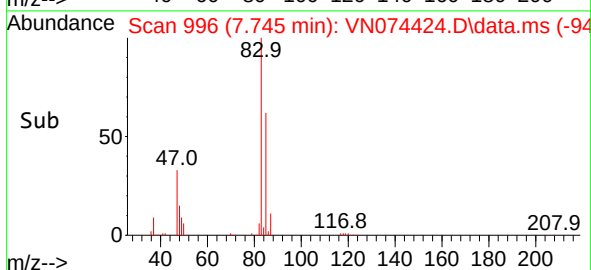
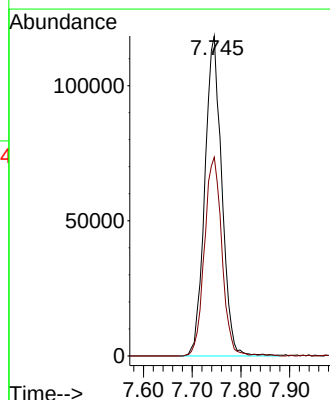
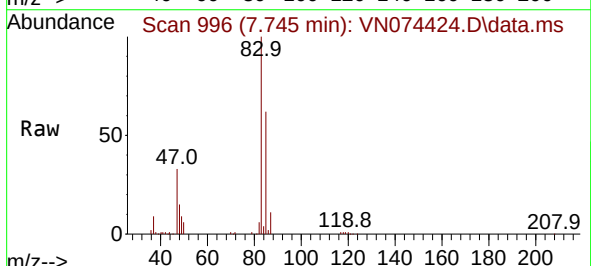
RT: 7.745 min Scan# 996

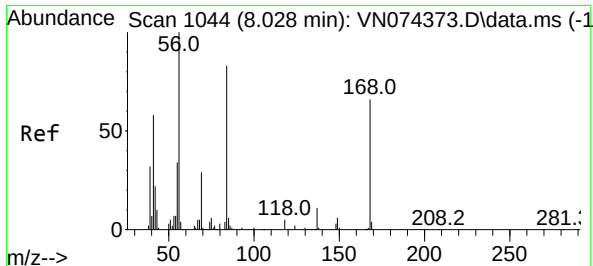
Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

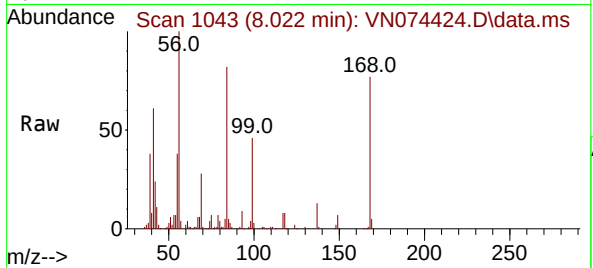
Tgt Ion:	83	Resp:	285766
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.8	77.6





#31
Cyclohexane
Concen: 47.615 ug/l
RT: 8.022 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

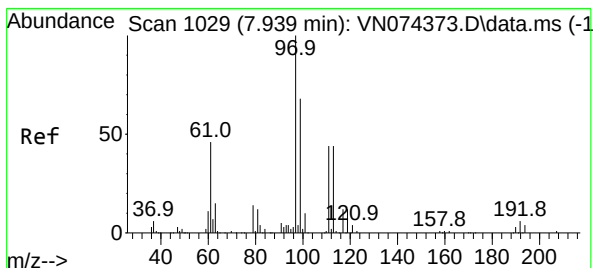
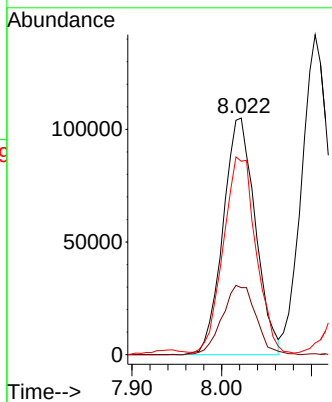
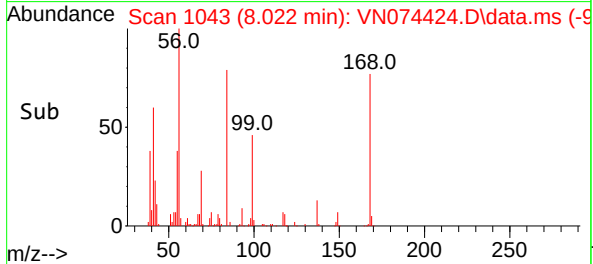
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



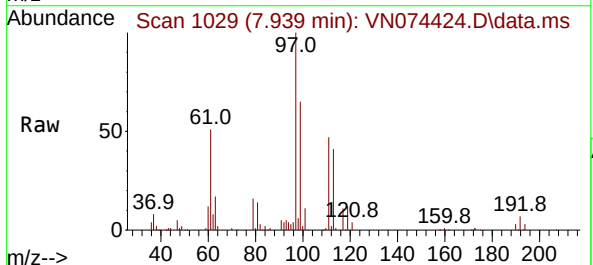
Tgt Ion: 56 Resp: 262452
Ion Ratio Lower Upper
56 100
69 28.3 23.0 34.4
84 80.3 66.3 99.5

Manual Integrations
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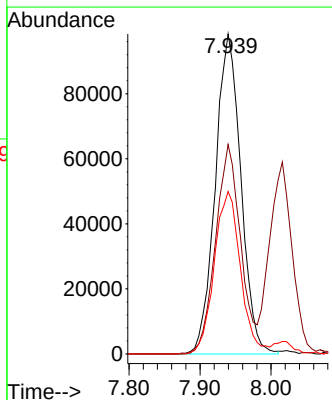
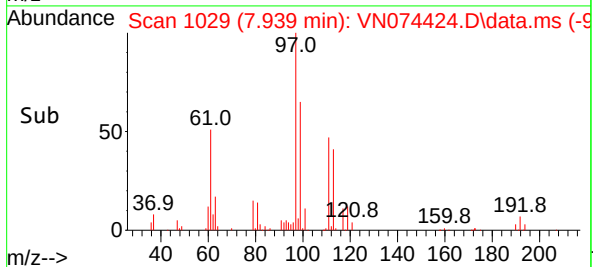
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

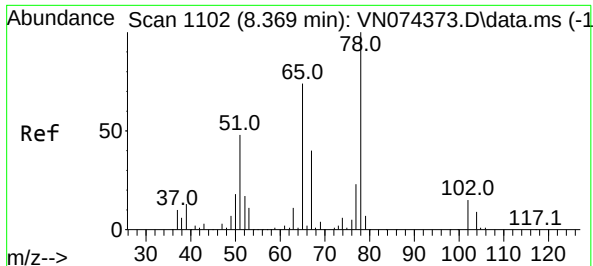


#32
1,1,1-Trichloroethane
Concen: 48.502 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



Tgt Ion: 97 Resp: 246119
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.2
61 52.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 49.851 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17277

Ion Ratio Lower Upper

65 100

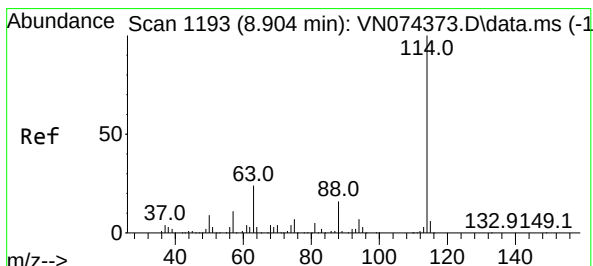
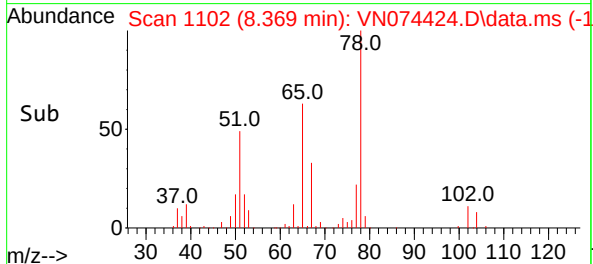
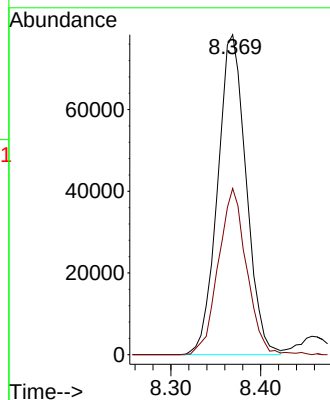
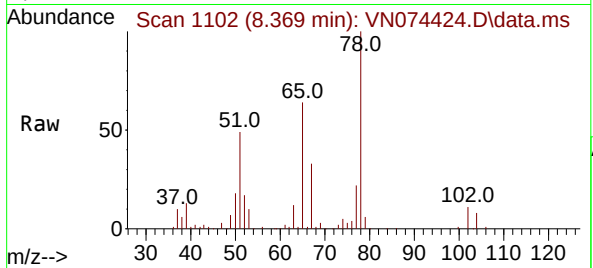
67 51.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

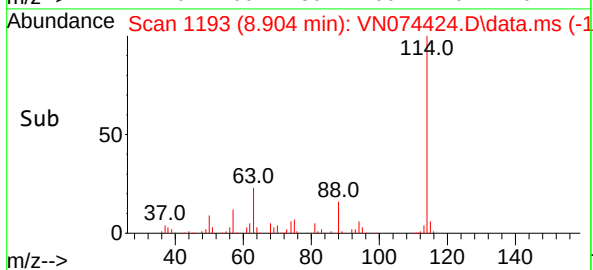
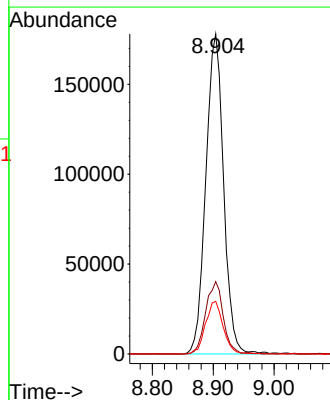
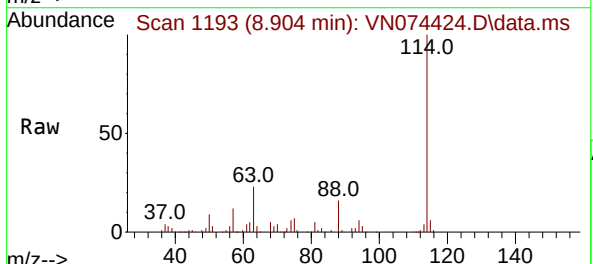
Tgt Ion:114 Resp: 361349

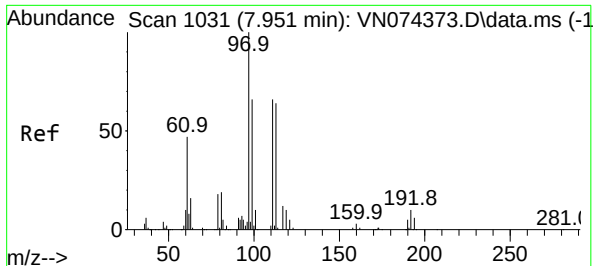
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.784 ug/l

RT: 7.945 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VN074424.D

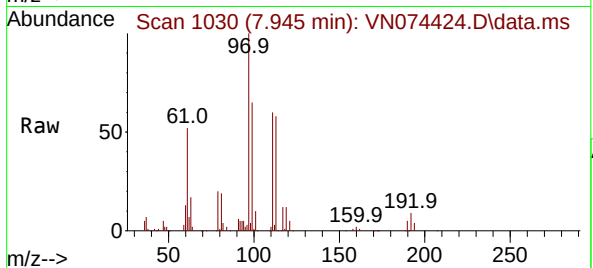
Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



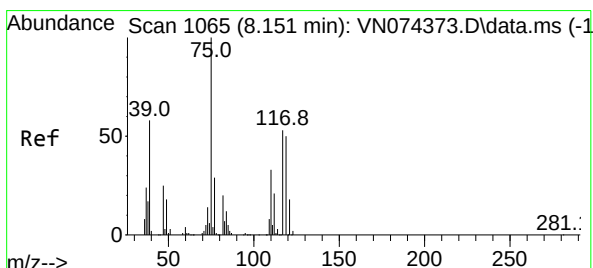
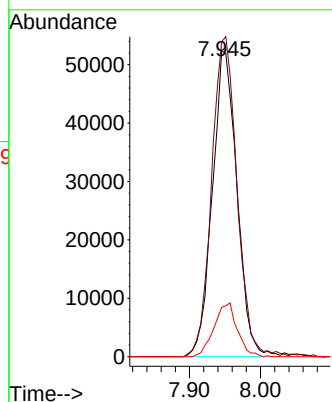
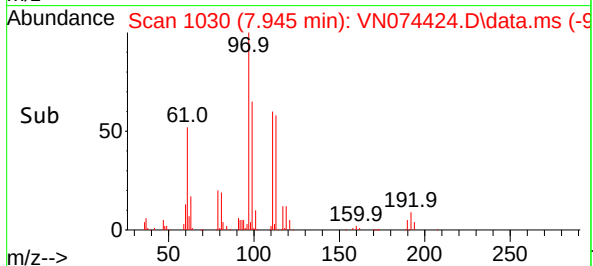
Tgt Ion:	113	Resp:	12632
Ion Ratio	Lower	Upper	
113	100		
111	107.3	83.0	124.4
192	16.5	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#36

1,1-Dichloropropene

Concen: 51.366 ug/l

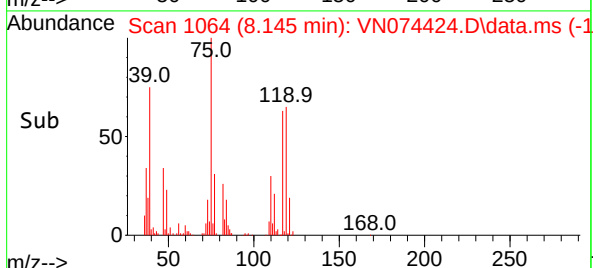
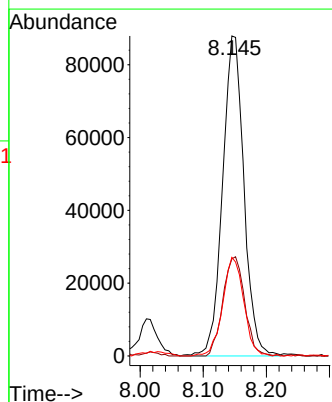
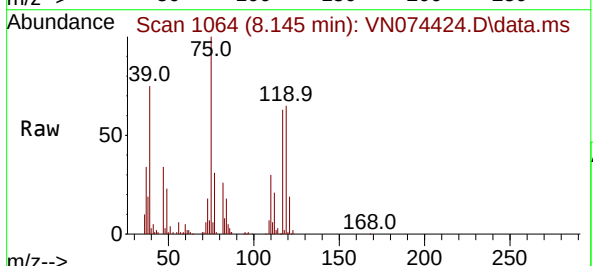
RT: 8.145 min Scan# 1064

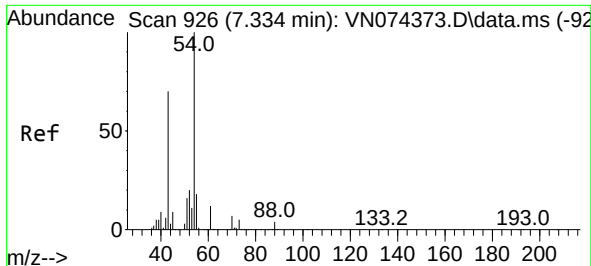
Delta R.T. -0.006 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

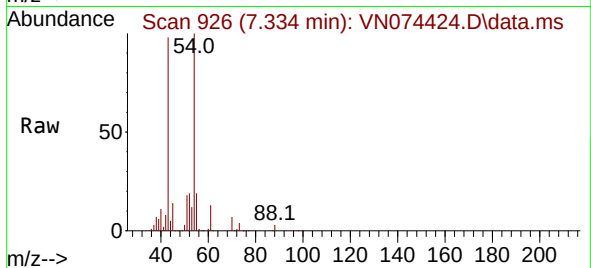
Tgt Ion:	75	Resp:	206434
Ion Ratio	Lower	Upper	
75	100		
110	31.7	16.4	49.1
77	30.5	25.4	38.2





#37
Ethyl Acetate
Concen: 55.463 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

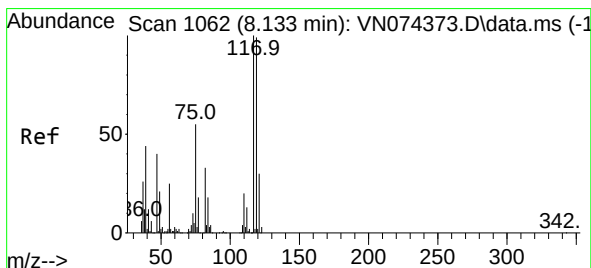
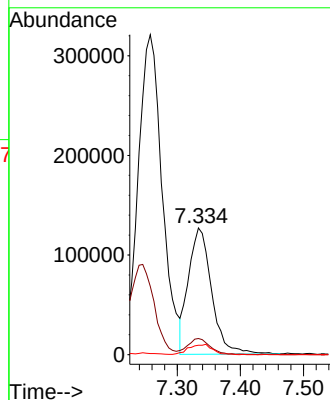
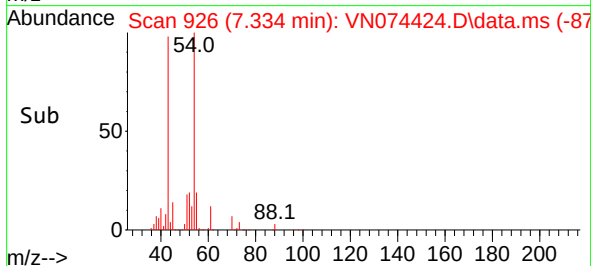
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 323338
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 8.4 7.2 10.8

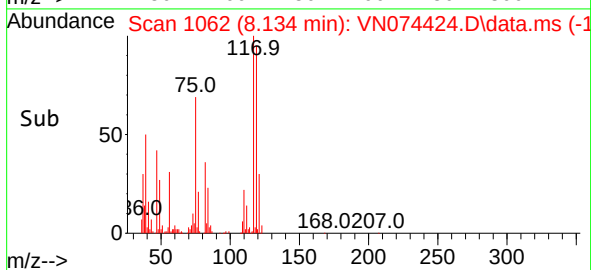
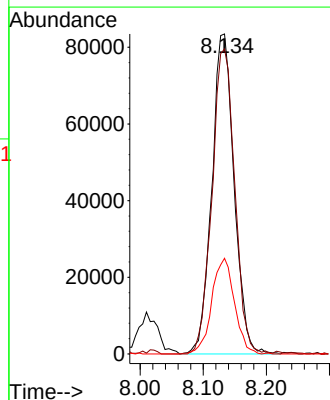
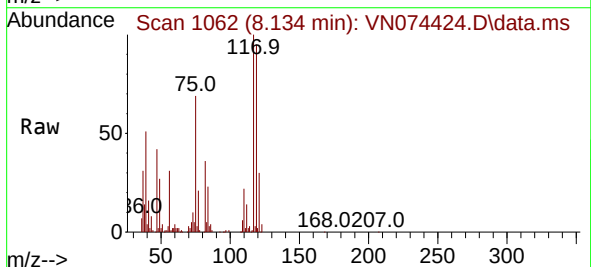
Manual Integrations
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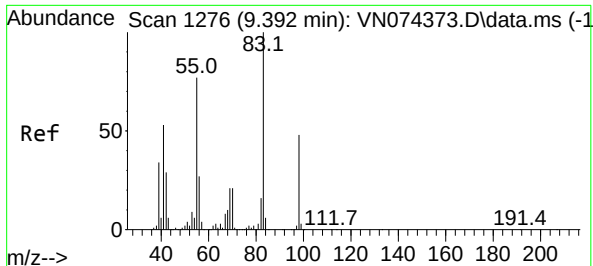
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 49.299 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion:117 Resp: 204540
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2
121 29.9 24.1 36.1





#39

Methylcyclohexane

Concen: 48.694 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

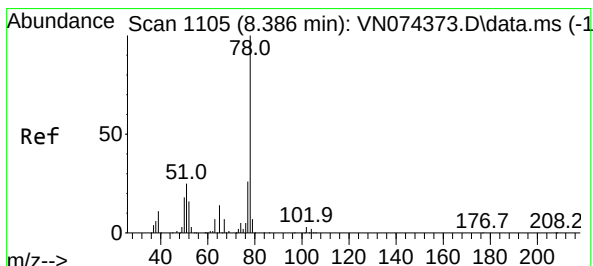
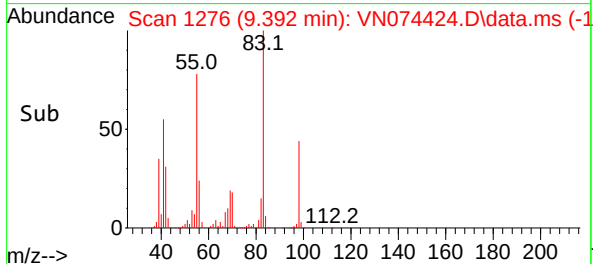
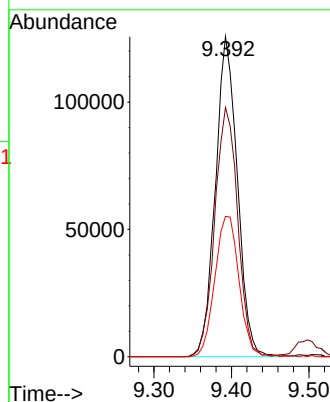
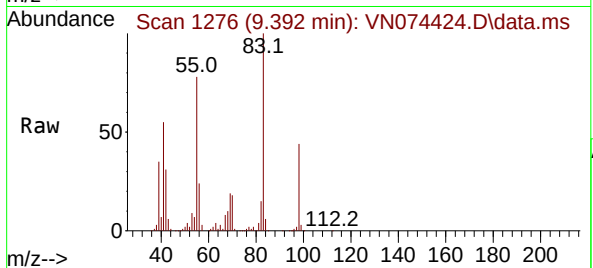
Tgt Ion:	83	Resp:	248025
Ion Ratio	Lower	Upper	
83	100		
55	77.9	61.2	91.8
98	43.8	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 51.508 ug/l

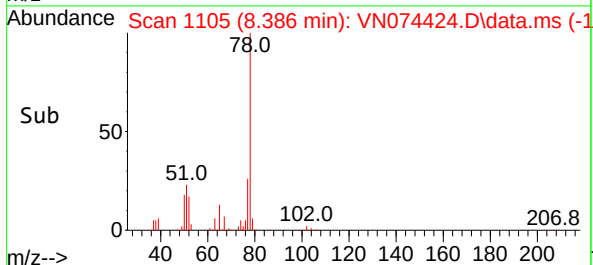
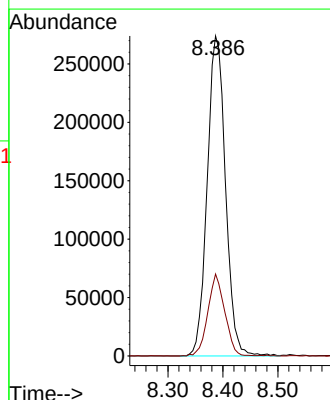
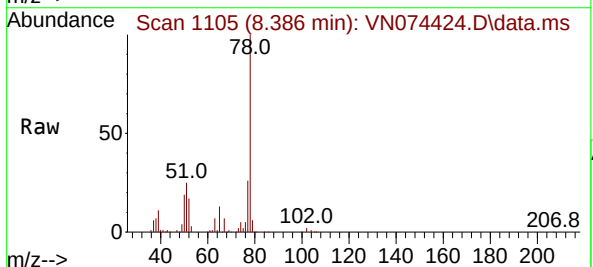
RT: 8.386 min Scan# 1105

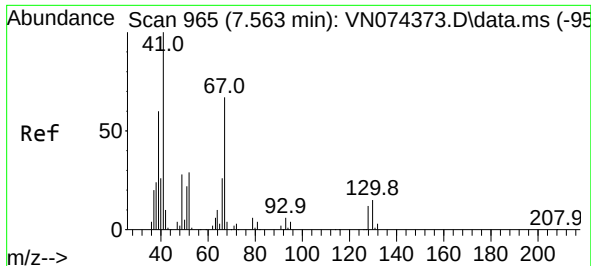
Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

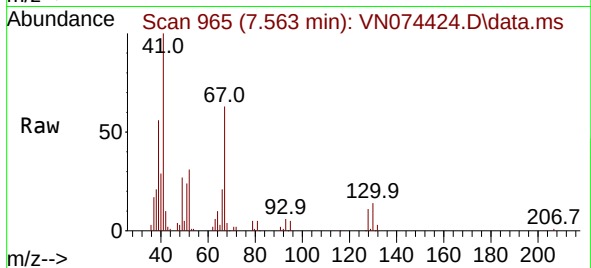
Tgt Ion:	78	Resp:	633796
Ion Ratio	Lower	Upper	
78	100		
77	25.6	20.6	31.0





#41
Methacrylonitrile
Concen: 51.975 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

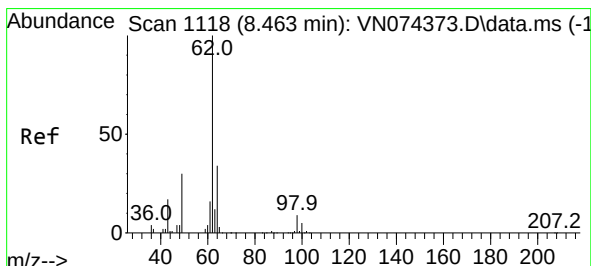
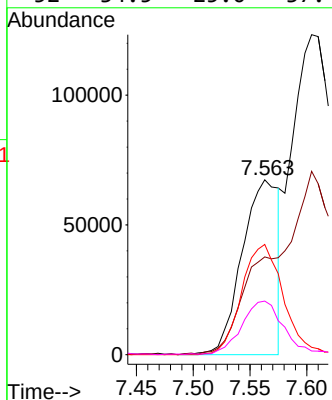
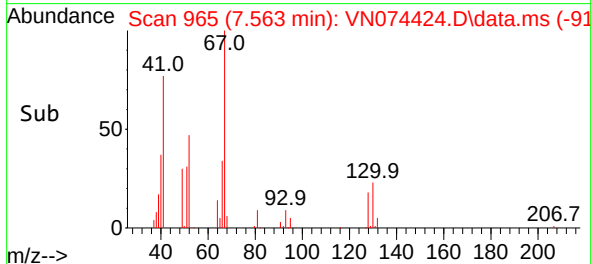
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15035
Ion Ratio Lower Upper
41 100
39 0.0 39.2 58.8
67 72.6 53.6 80.4
52 34.5 25.0 37.4

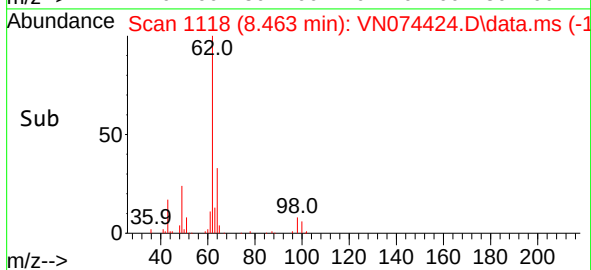
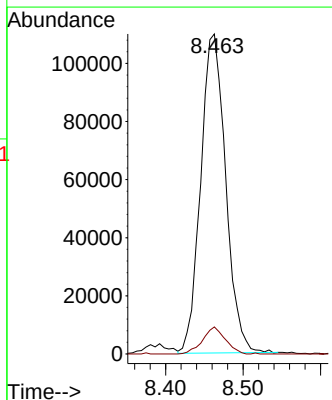
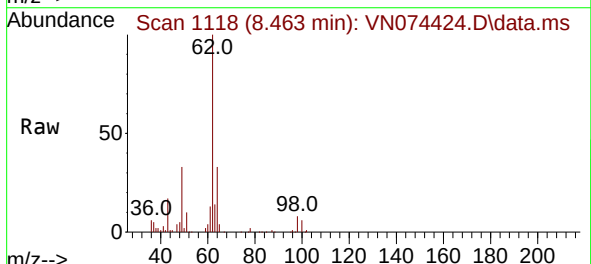
Manual Integrations
APPROVED

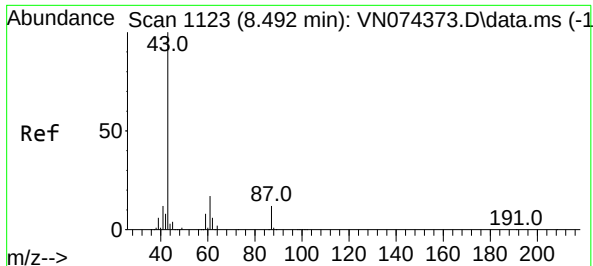
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 52.298 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

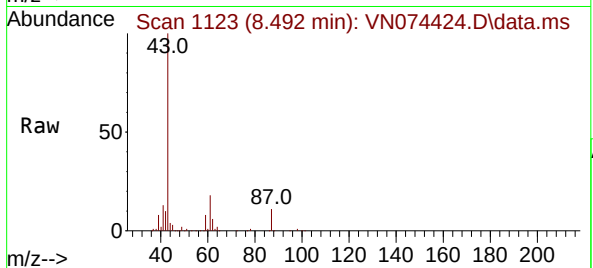
Tgt Ion: 62 Resp: 246012
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.720 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

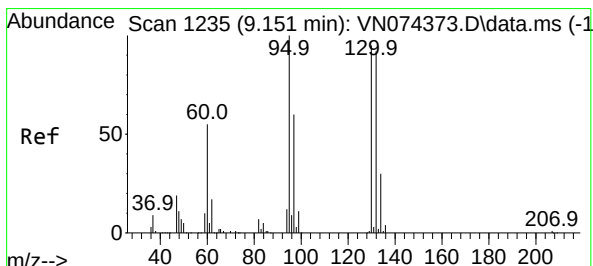
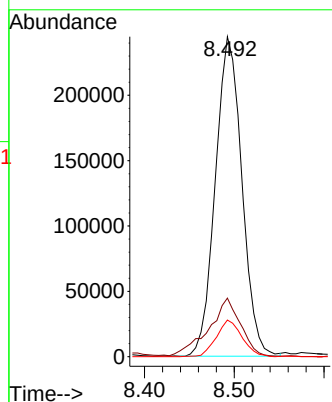
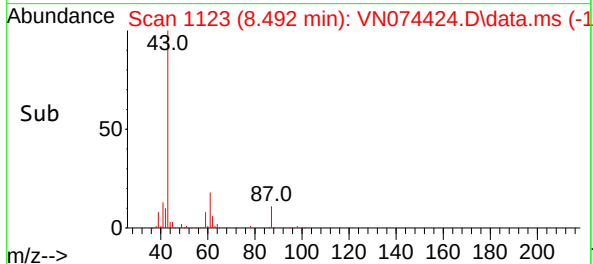
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50263
Ion Ratio Lower Upper
43 100
61 21.7 18.6 27.8
87 11.1 9.4 14.2

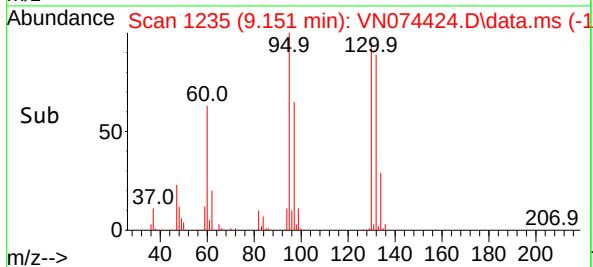
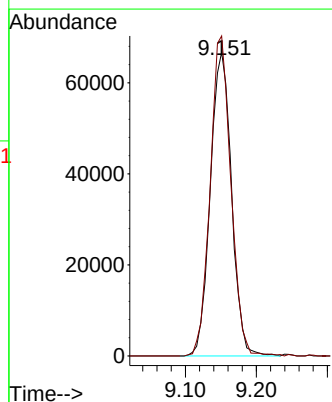
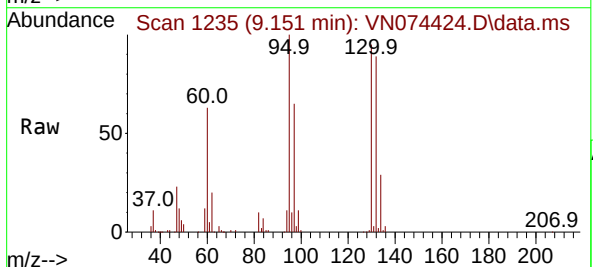
Manual Integrations
APPROVED

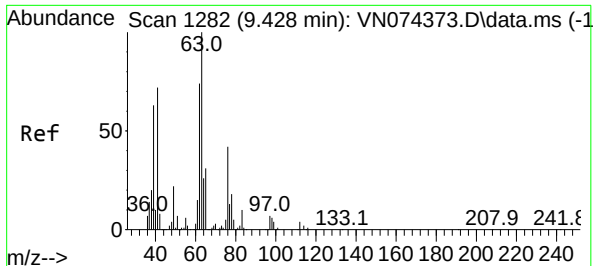
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 50.028 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion:130 Resp: 138007
Ion Ratio Lower Upper
130 100
95 105.3 0.0 210.0





#45

1,2-Dichloropropane

Concen: 51.085 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 166860

Ion Ratio Lower Upper

63 100

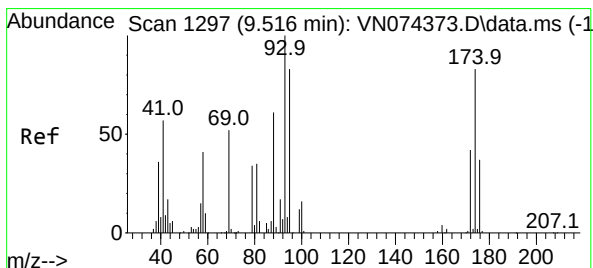
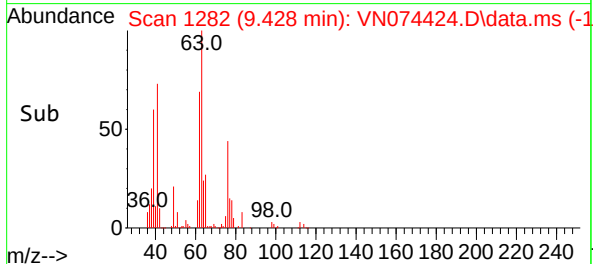
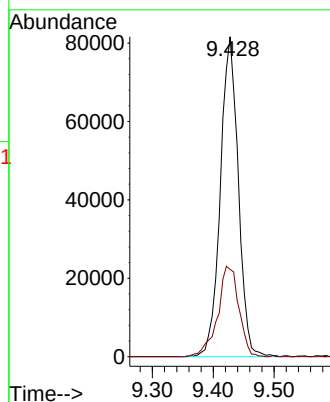
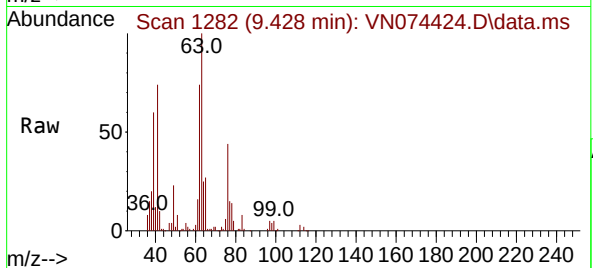
65 27.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 51.987 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

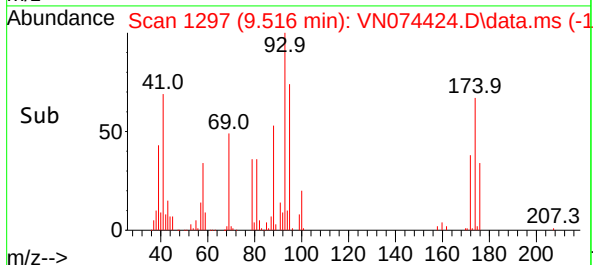
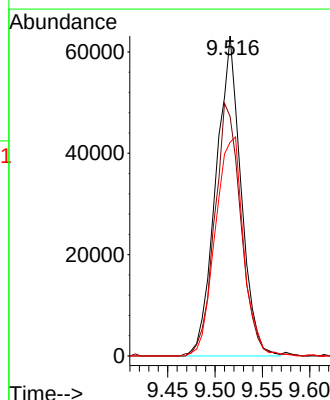
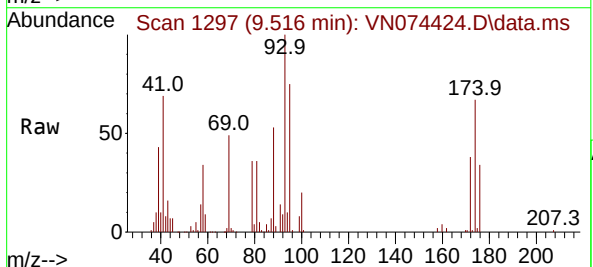
Tgt Ion: 93 Resp: 116269

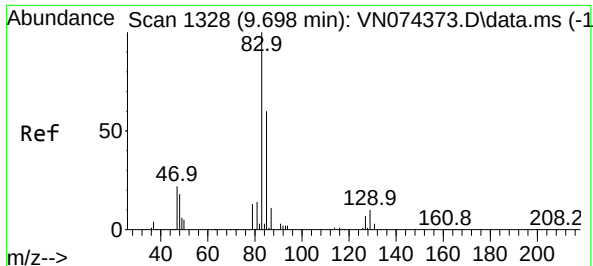
Ion Ratio Lower Upper

93 100

95 82.6 67.5 101.3

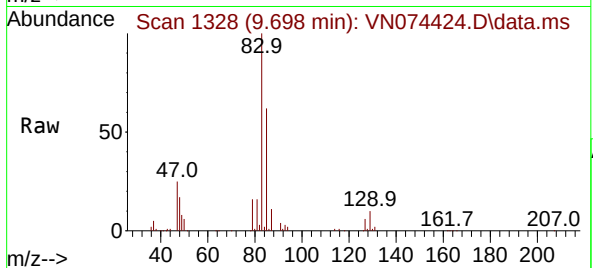
174 77.1 67.2 100.8





#47
Bromodichloromethane
Concen: 52.009 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

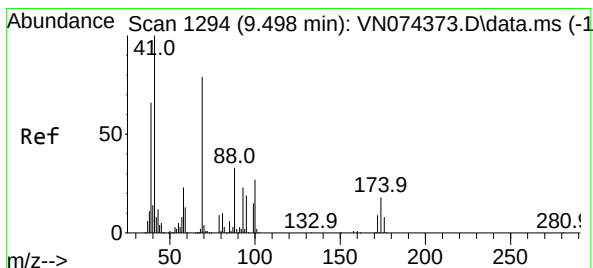
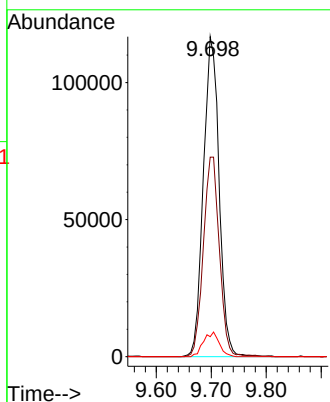
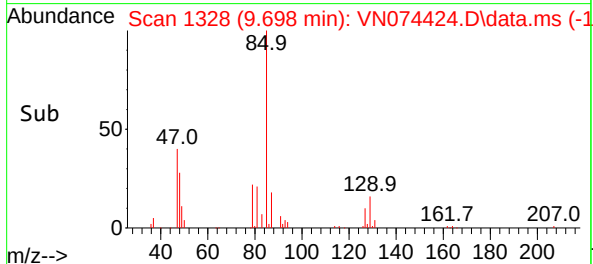
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



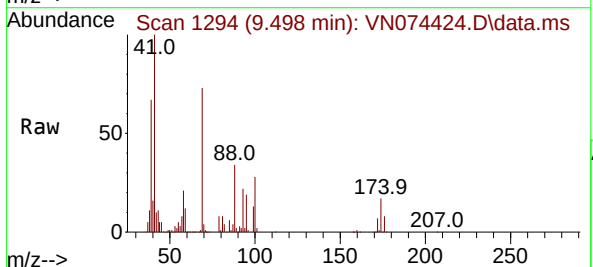
Tgt Ion: 83 Resp: 23185
Ion Ratio Lower Upper
83 100
85 62.3 47.7 71.5
127 6.3 5.4 8.2

Manual Integrations
APPROVED

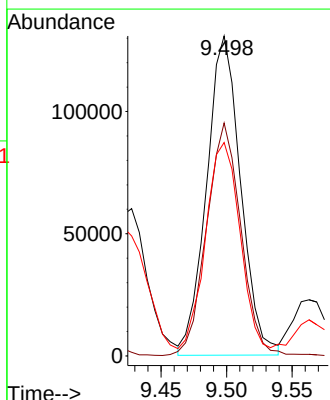
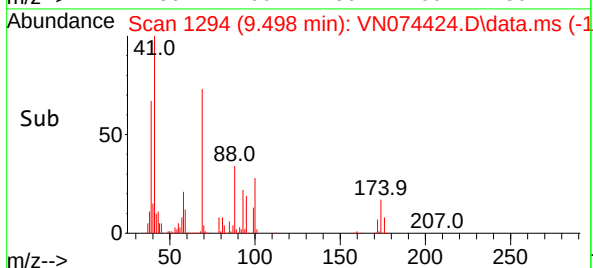
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

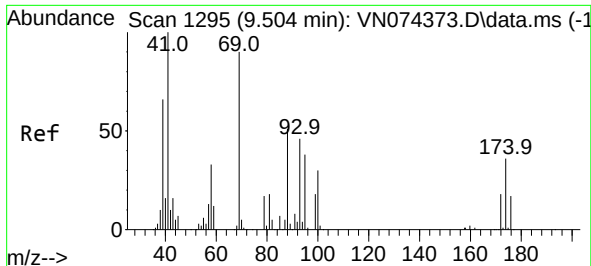


#48
Methyl methacrylate
Concen: 56.188 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



Tgt Ion: 41 Resp: 236088
Ion Ratio Lower Upper
41 100
69 73.2 67.6 101.4
39 68.8 58.2 87.4





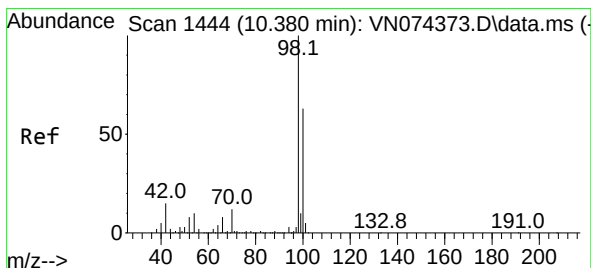
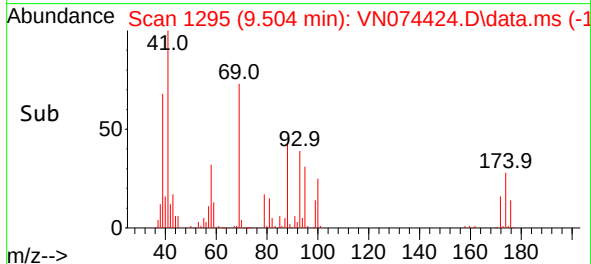
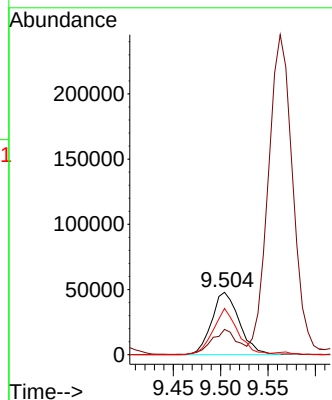
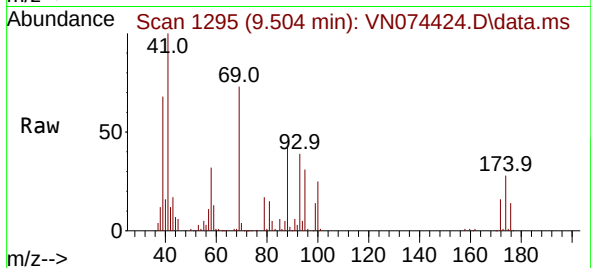
#49
1,4-Dioxane
Concen: 1093.976 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 9686
Ion Ratio Lower Upper
88 100
43 37.1 26.9 40.3
58 66.1 52.7 79.1

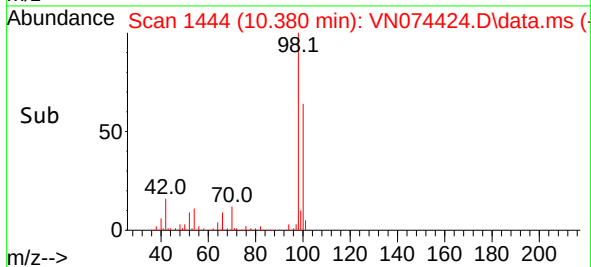
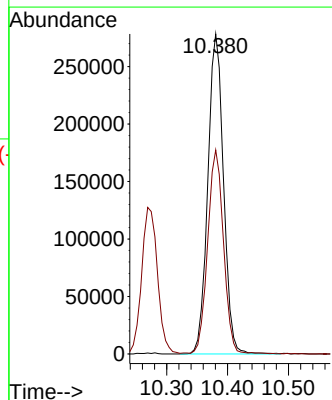
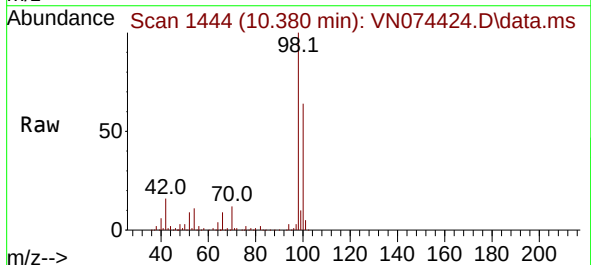
Manual Integrations
APPROVED

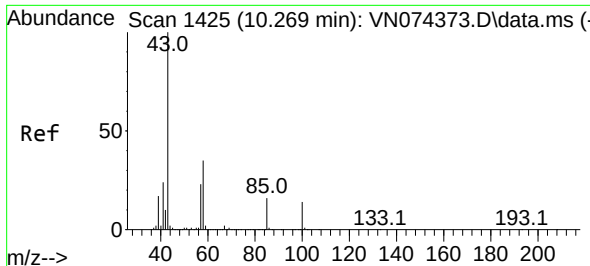
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50
Toluene-d8
Concen: 52.399 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion: 98 Resp: 498066
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0





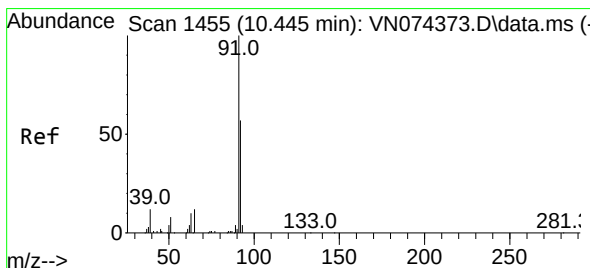
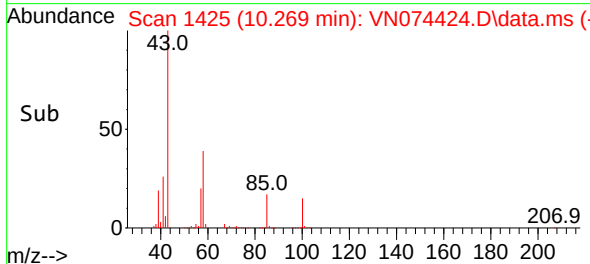
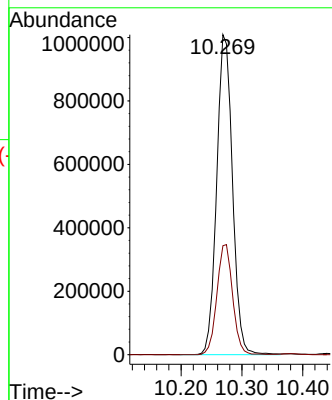
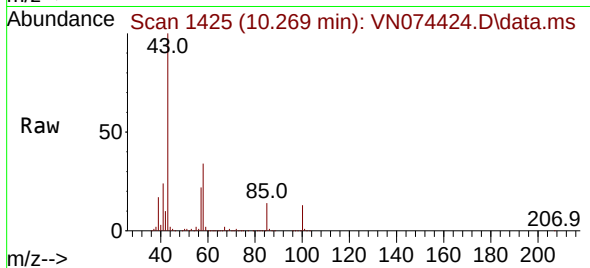
#51
4-Methyl-2-Pentanone
Concen: 290.478 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1811119
Ion Ratio Lower Upper
43 100
58 34.4 29.0 43.6

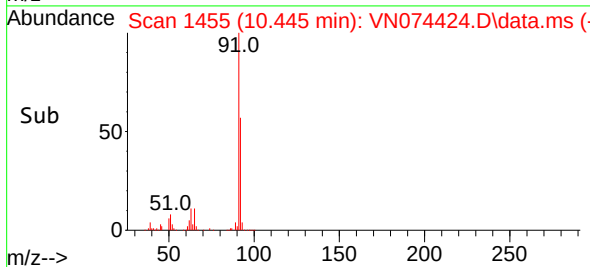
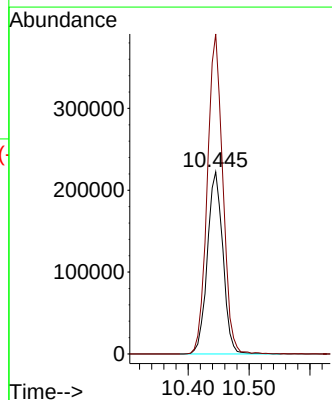
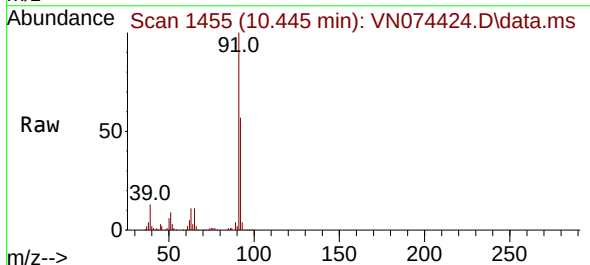
Manual Integrations
APPROVED

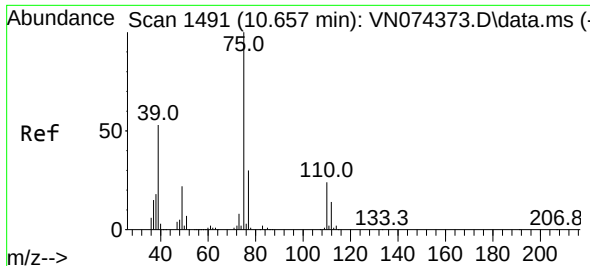
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 51.851 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

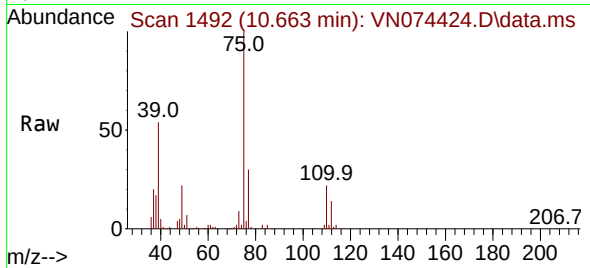
Tgt Ion: 92 Resp: 394570
Ion Ratio Lower Upper
92 100
91 175.0 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 53.212 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

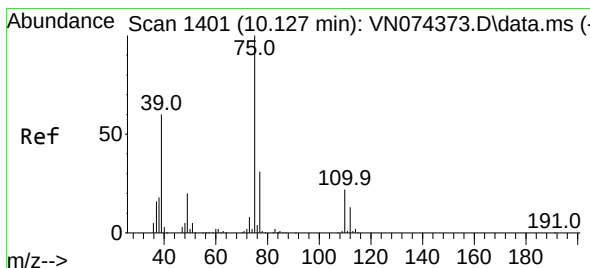
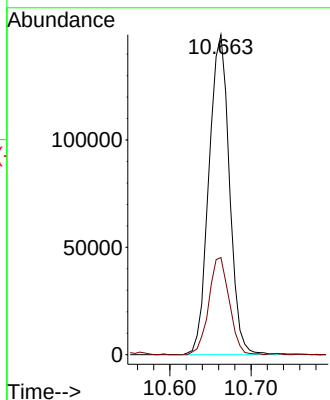
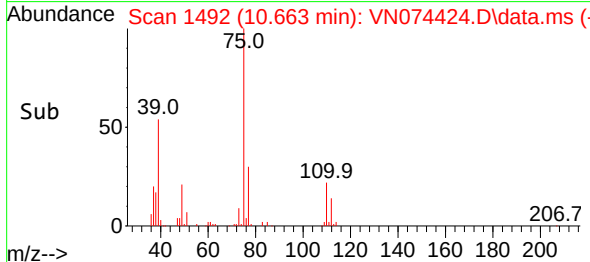
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



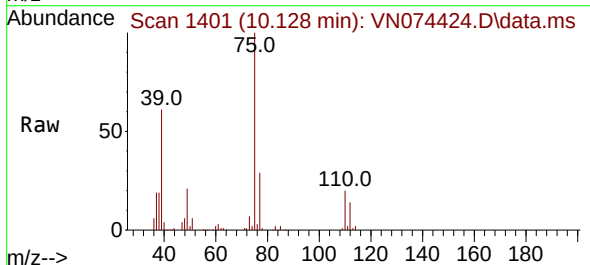
Tgt Ion: 75 Resp: 261689
Ion Ratio Lower Upper
75 100
77 30.4 23.9 35.9

Manual Integrations
APPROVED

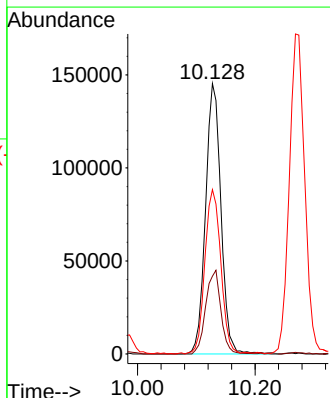
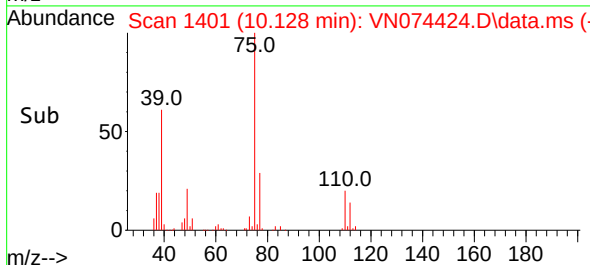
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

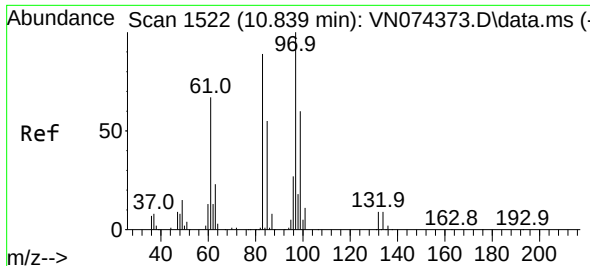


#54
cis-1,3-Dichloropropene
Concen: 50.424 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



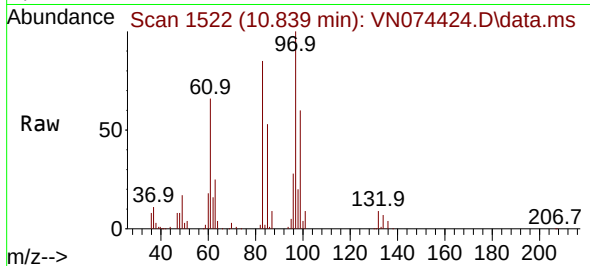
Tgt Ion: 75 Resp: 264359
Ion Ratio Lower Upper
75 100
77 28.7 24.5 36.7
39 60.6 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 50.903 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

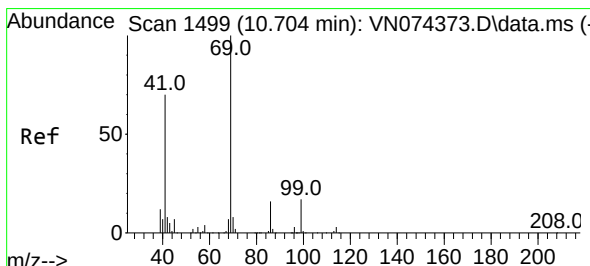
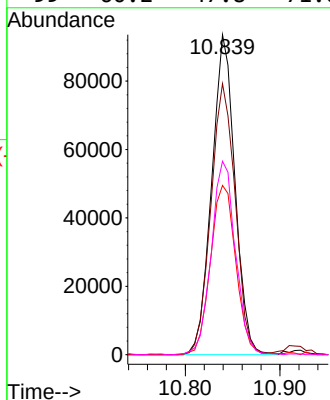
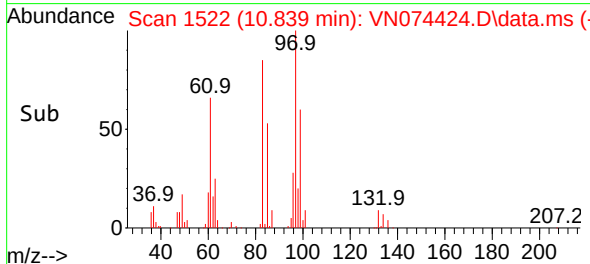
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



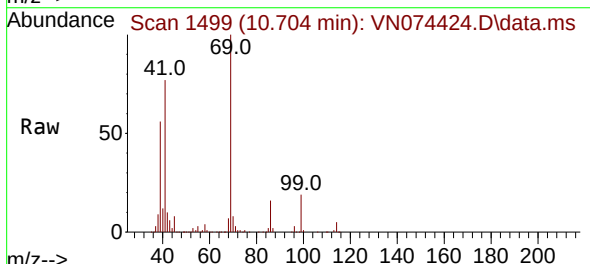
Tgt Ion: 97 Resp: 159668
Ion Ratio Lower Upper
97 100
83 84.7 70.8 106.2
85 52.9 44.1 66.1
99 60.2 47.8 71.6

Manual Integrations
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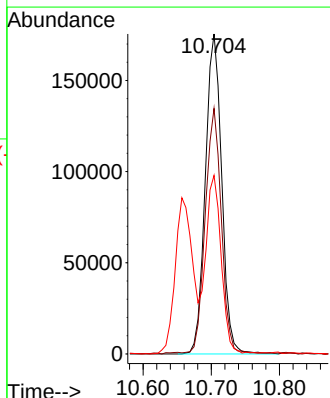
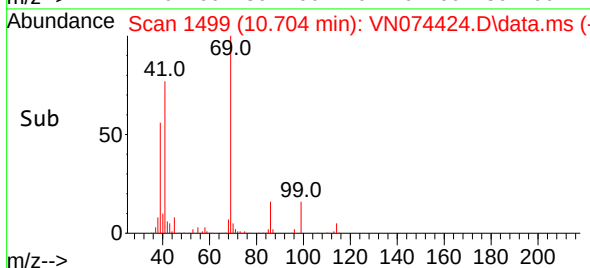
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

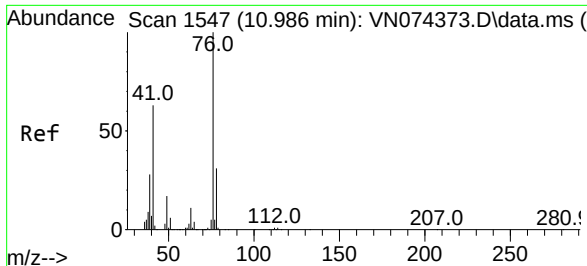


#56
Ethyl methacrylate
Concen: 55.065 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



Tgt Ion: 69 Resp: 293478
Ion Ratio Lower Upper
69 100
41 76.0 56.6 85.0
39 52.5 37.4 56.2





#57

1,3-Dichloropropane

Concen: 53.390 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074424.D

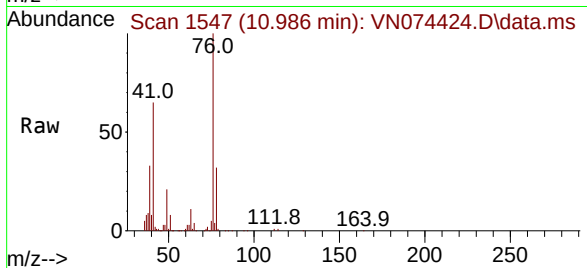
Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 292723

Ion Ratio Lower Upper

76 100

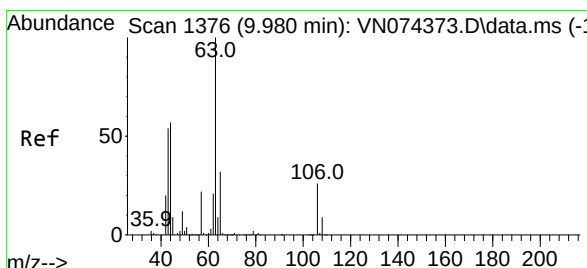
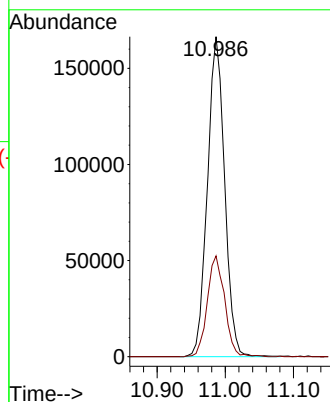
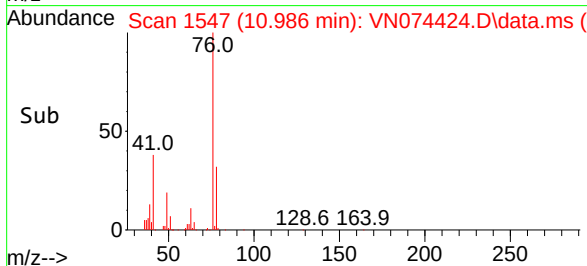
78 31.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 253.000 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074424.D

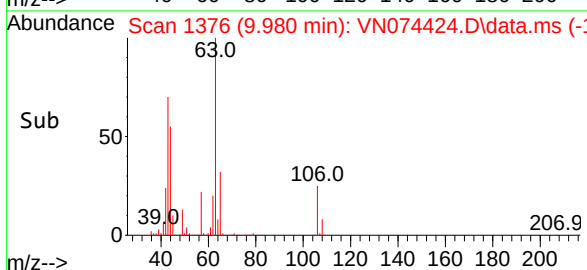
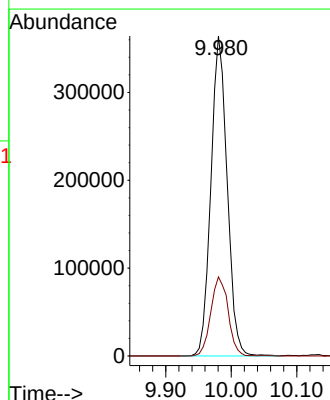
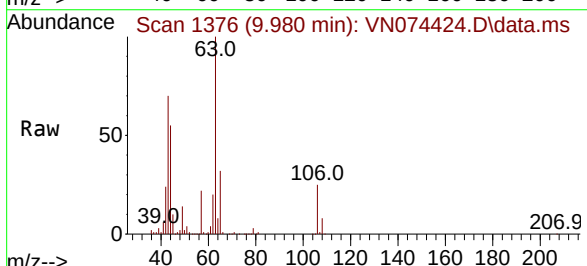
Acq: 13 Sep 2022 11:02

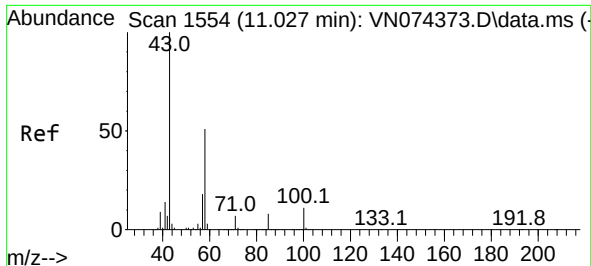
Tgt Ion: 63 Resp: 627256

Ion Ratio Lower Upper

63 100

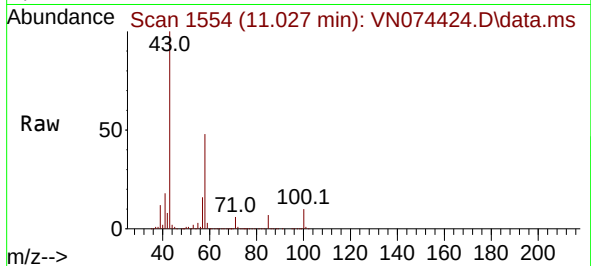
106 26.2 21.1 31.7





#59
2-Hexanone
Concen: 299.827 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

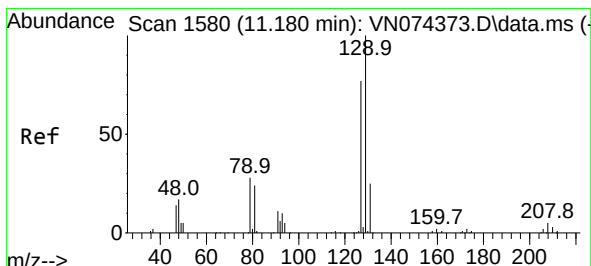
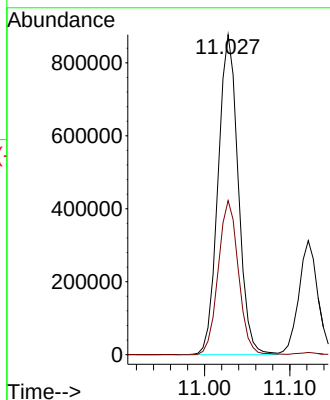
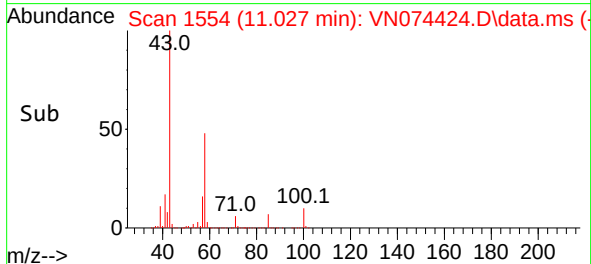
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1442620
Ion Ratio Lower Upper
43 100
58 48.4 25.8 77.3

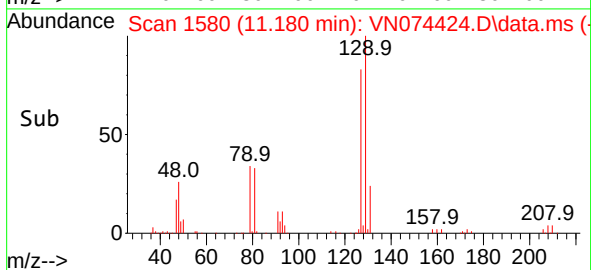
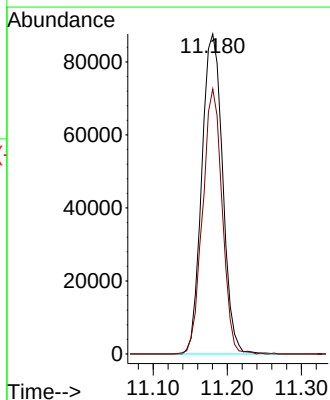
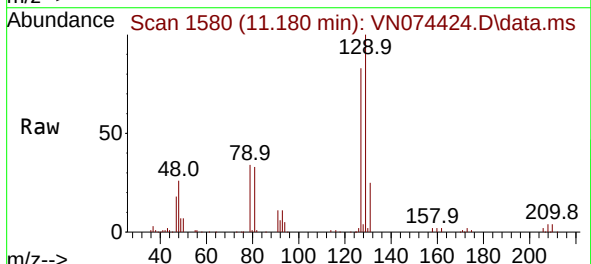
Manual Integrations
APPROVED

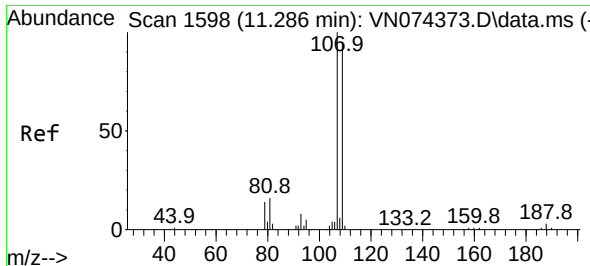
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 53.768 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

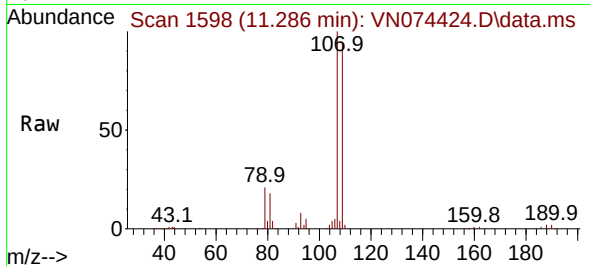
Tgt Ion:129 Resp: 170756
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 52.713 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

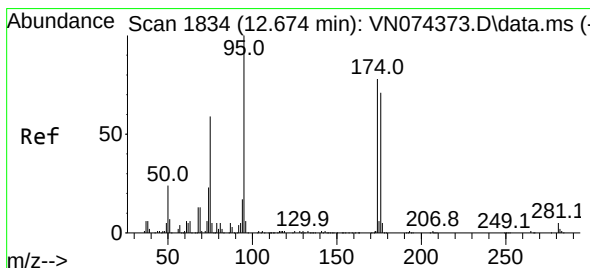
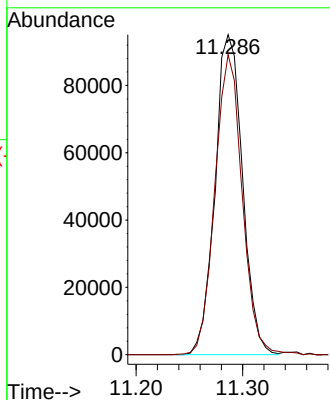
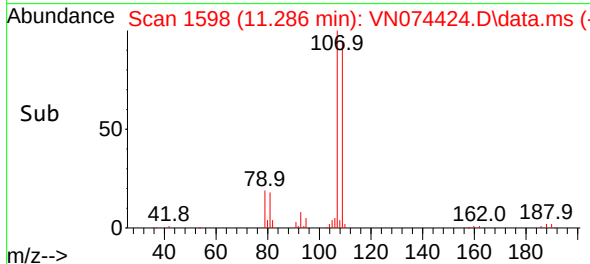
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



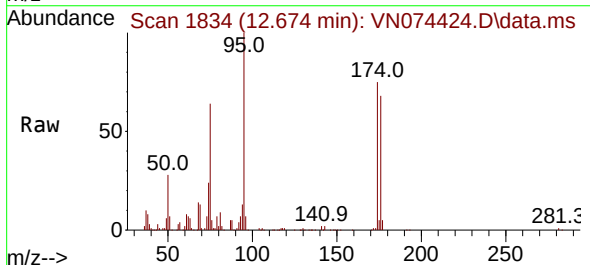
Tgt Ion:107 Resp: 170107
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.4

Manual Integrations
APPROVED

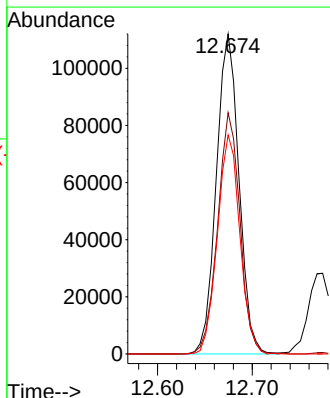
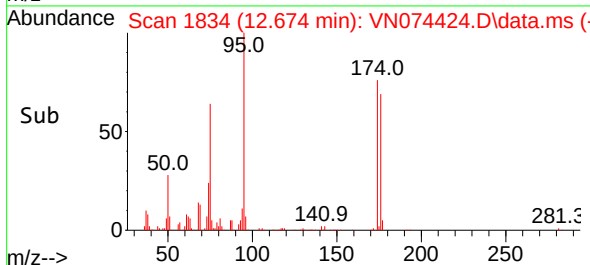
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

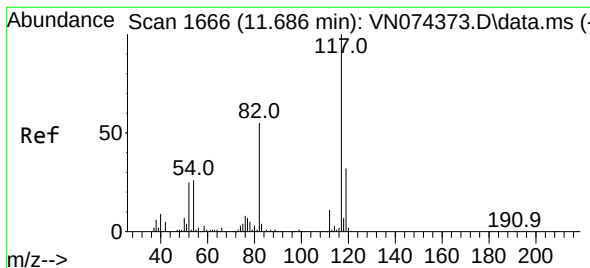


#62
4-Bromofluorobenzene
Concen: 53.938 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



Tgt Ion: 95 Resp: 186143
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 68.1 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 34866

Ion Ratio Lower Upper

117 100

82 58.5 44.3 66.5

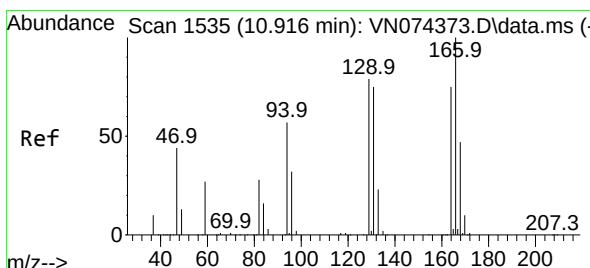
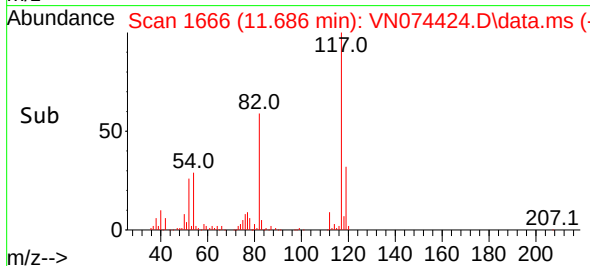
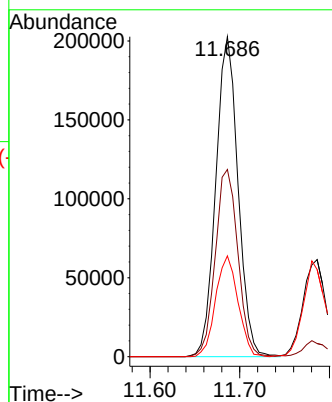
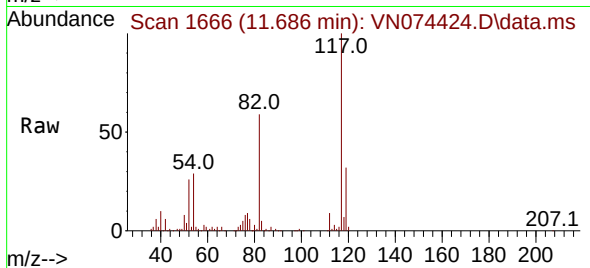
119 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#64

Tetrachloroethene

Concen: 46.325 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.000 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

Tgt Ion:164 Resp: 109496

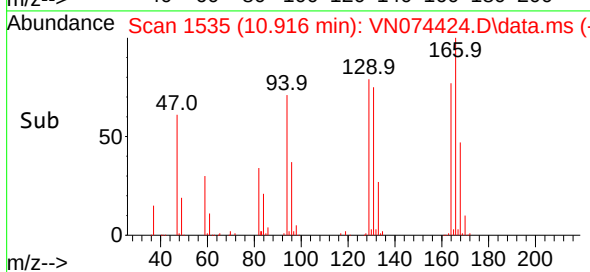
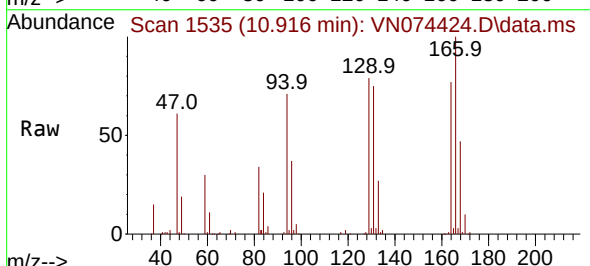
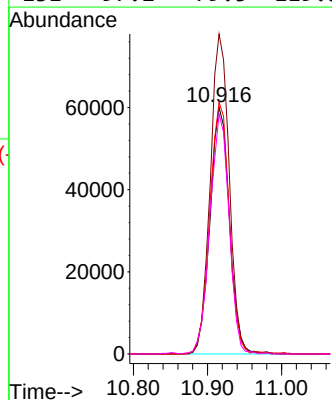
Ion Ratio Lower Upper

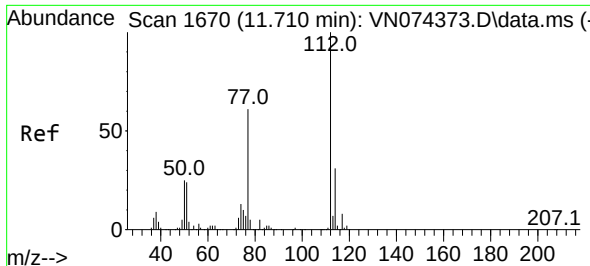
164 100

166 129.8 106.6 160.0

129 102.1 84.0 126.0

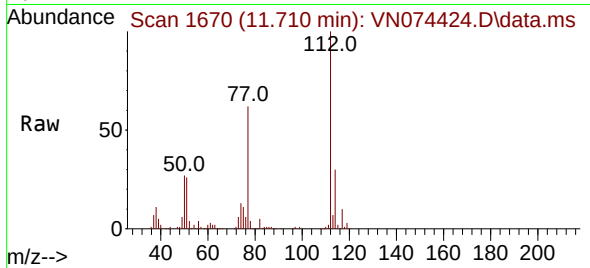
131 97.2 79.5 119.3





#65
Chlorobenzene
Concen: 49.304 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

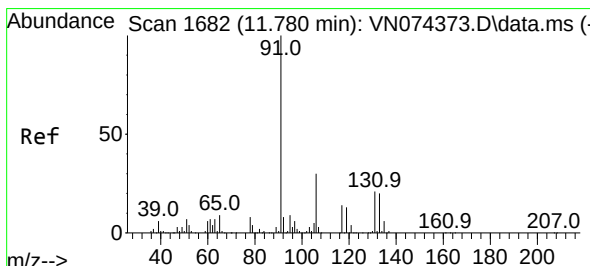
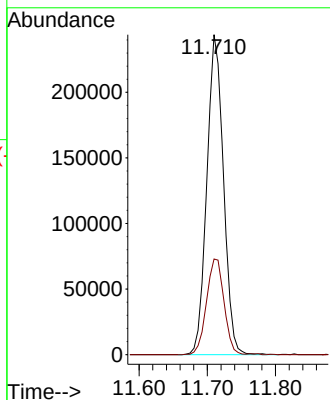
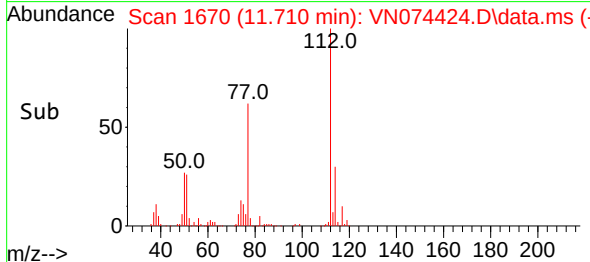
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 414514
Ion Ratio Lower Upper
112 100
114 29.9 25.1 37.7

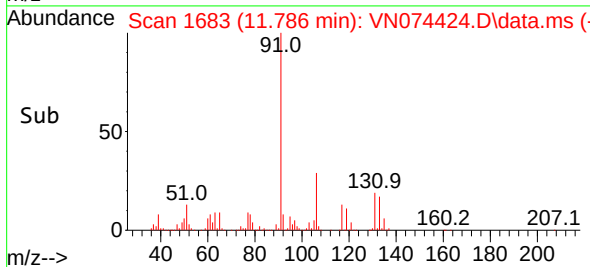
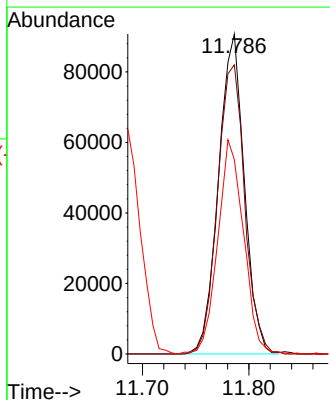
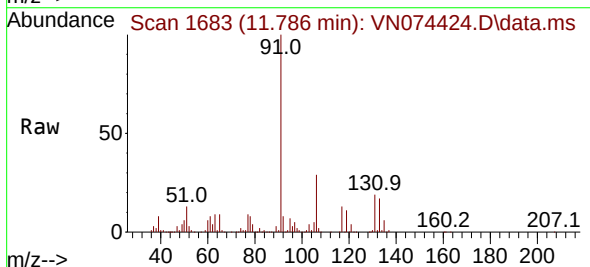
Manual Integrations
APPROVED

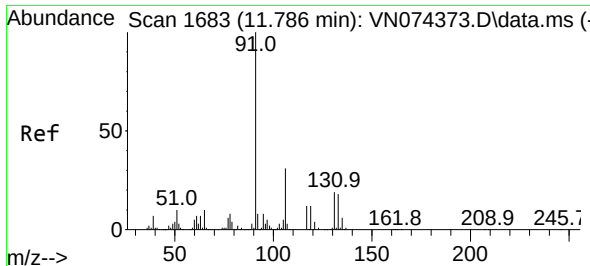
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.386 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

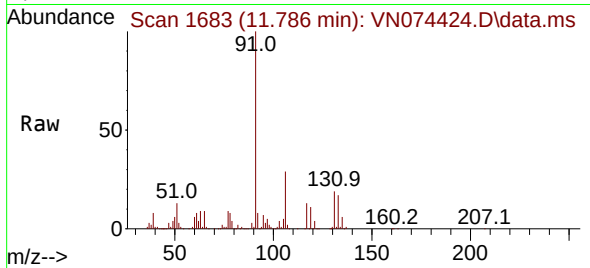
Tgt Ion:131 Resp: 152335
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 67.1 33.0 98.9





#67
Ethyl Benzene
Concen: 49.839 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

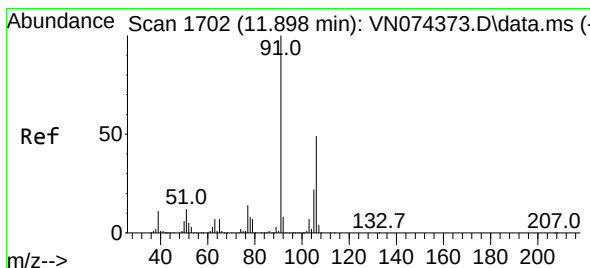
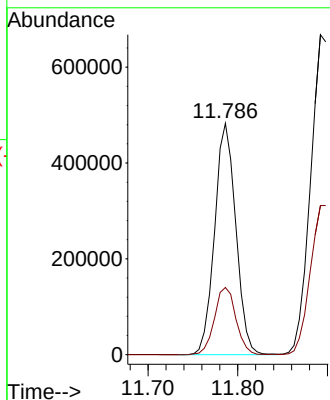
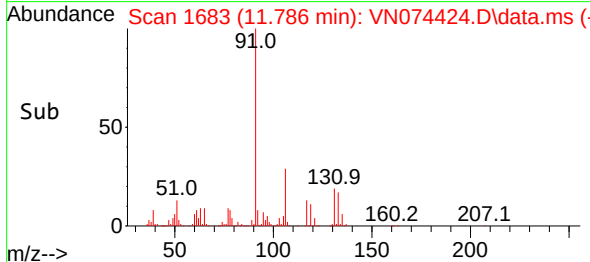
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



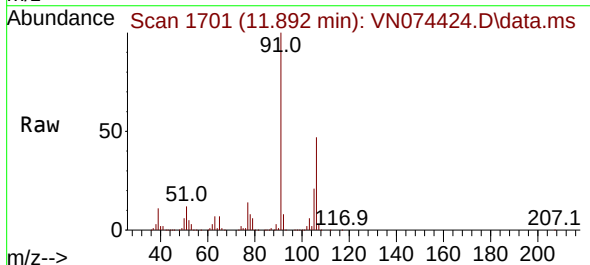
Tgt Ion: 91 Resp: 791429
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7

Manual Integrations
APPROVED

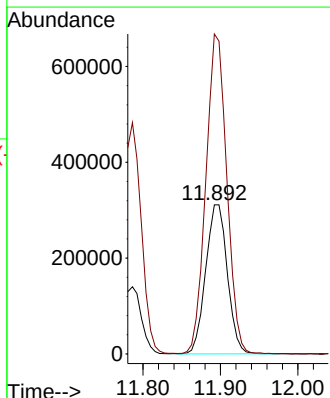
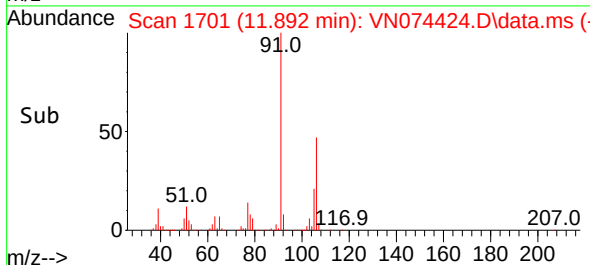
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

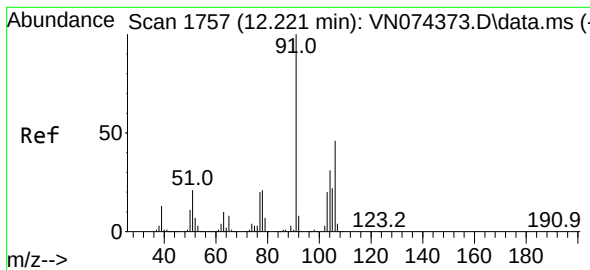


#68
m/p-Xylenes
Concen: 101.431 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



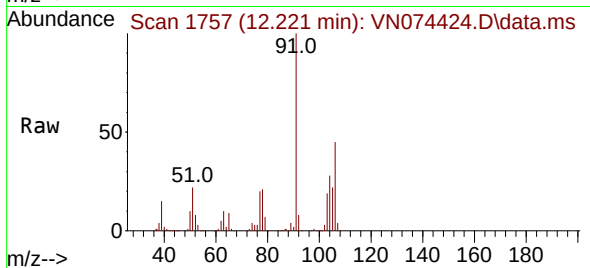
Tgt Ion:106 Resp: 605501
Ion Ratio Lower Upper
106 100
91 207.7 167.7 251.5





#69
o-Xylene
Concen: 49.757 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

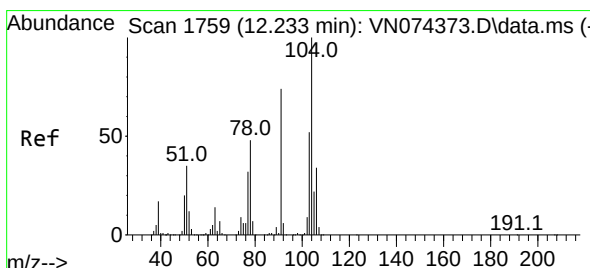
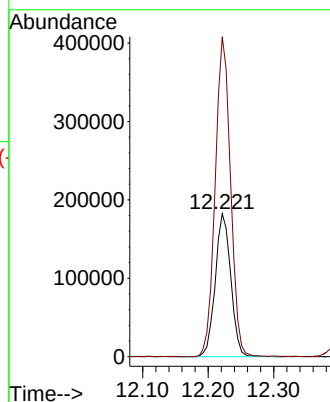
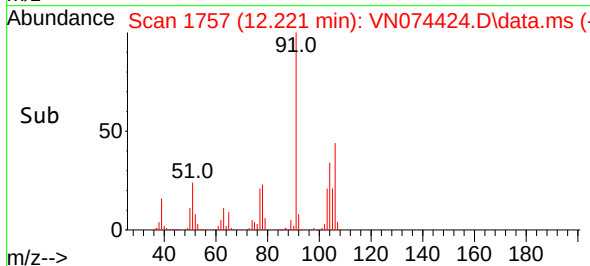
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



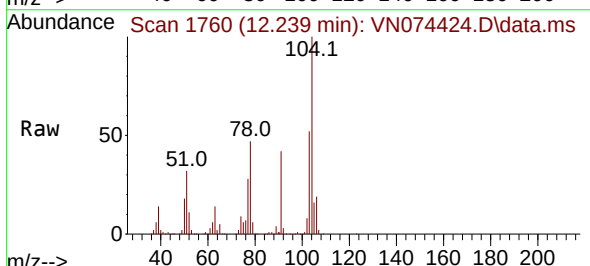
Tgt Ion:106 Resp: 29857
Ion Ratio Lower Upper
106 100
91 221.5 109.4 328.2

Manual Integrations
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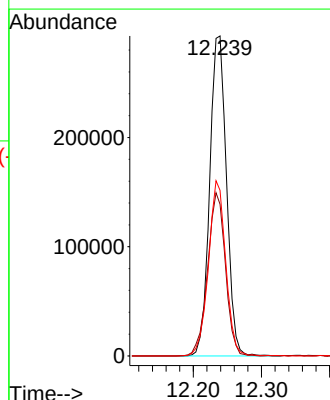
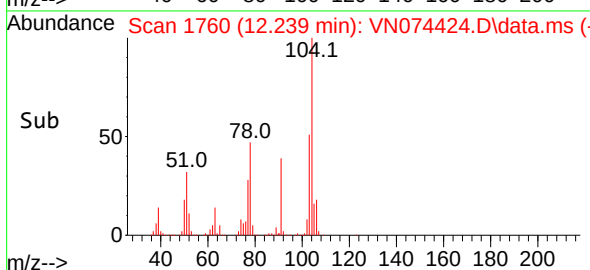
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

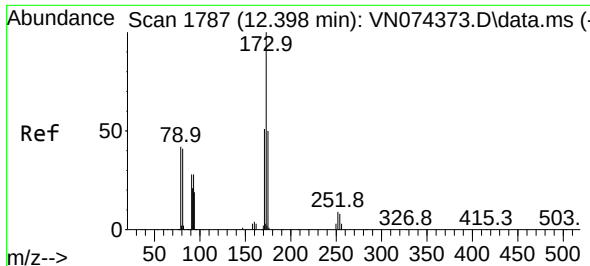


#70
Styrene
Concen: 52.657 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



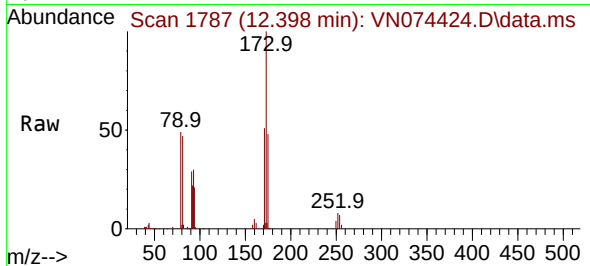
Tgt Ion:104 Resp: 502350
Ion Ratio Lower Upper
104 100
78 54.1 41.8 62.6
103 56.3 43.4 65.2





#71
Bromoform
Concen: 49.091 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

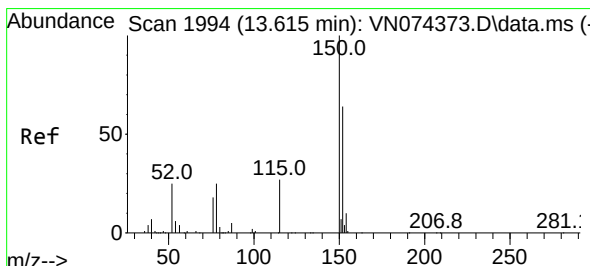
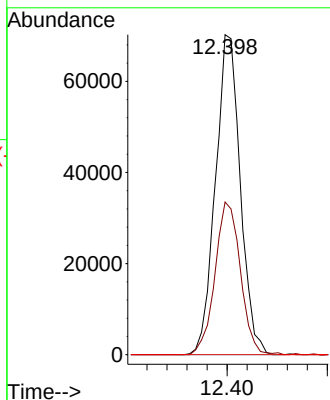
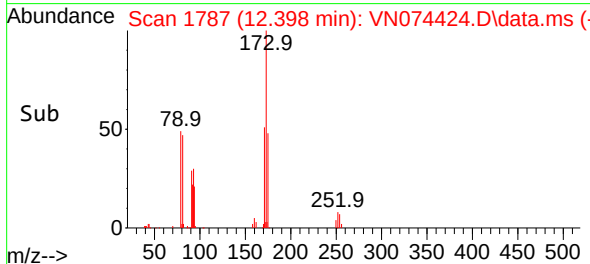
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



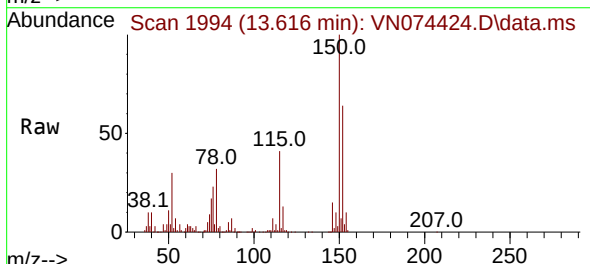
Tgt Ion:173 Resp: 120758
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

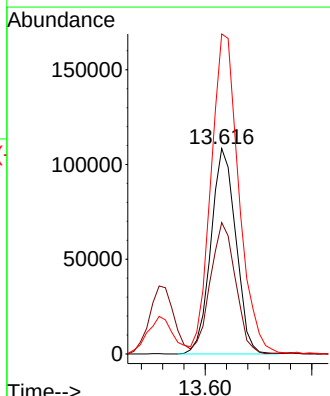
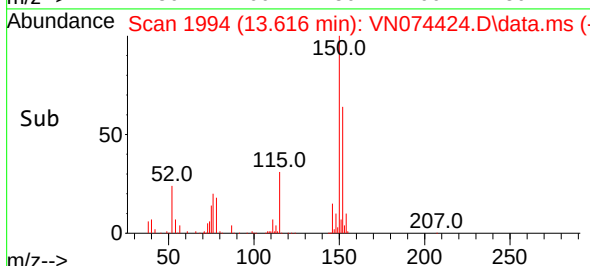
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

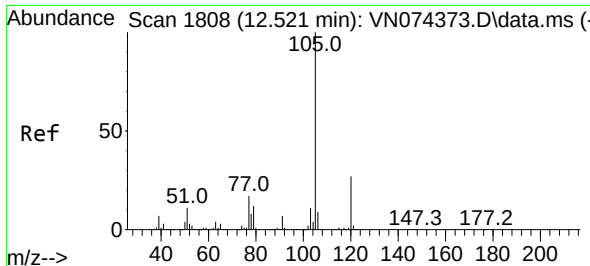


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



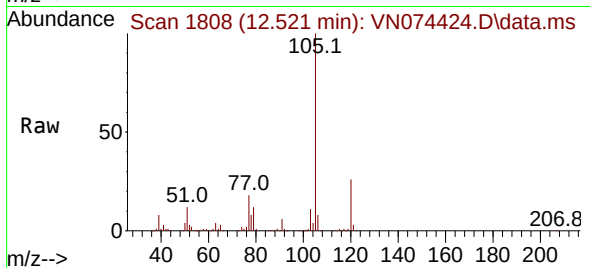
Tgt Ion:152 Resp: 176320
Ion Ratio Lower Upper
152 100
115 63.7 32.0 96.0
150 172.4 0.0 359.6





#73
Isopropylbenzene
Concen: 46.734 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

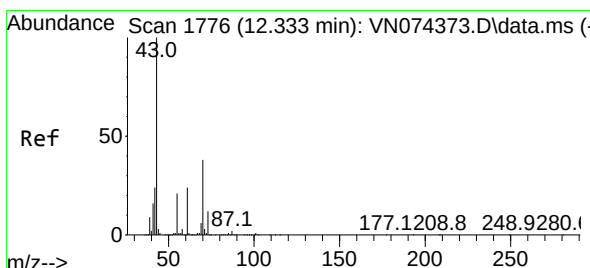
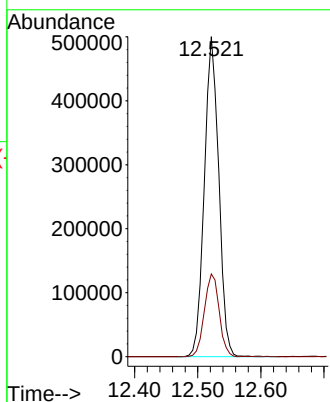
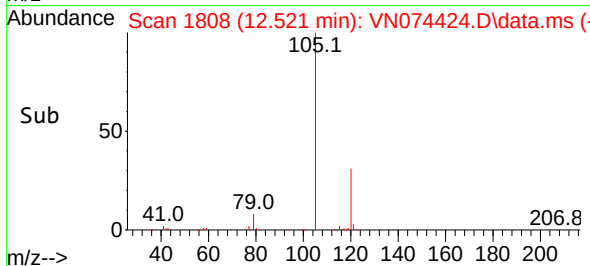
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



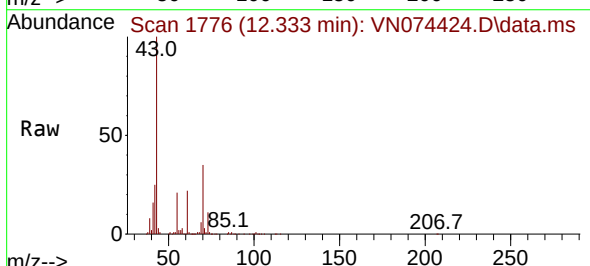
Tgt Ion:105 Resp: 79168
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations
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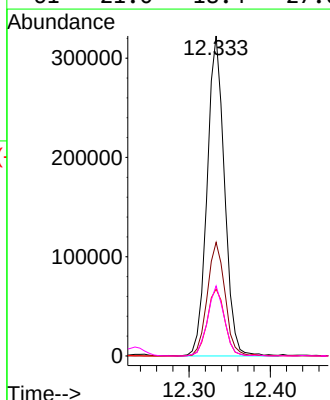
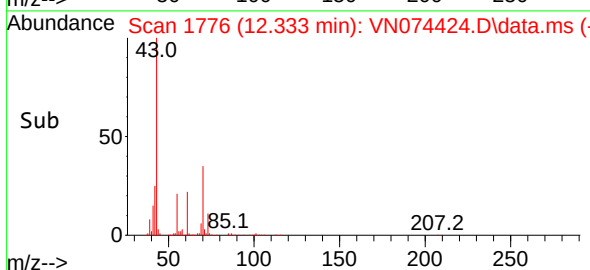
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

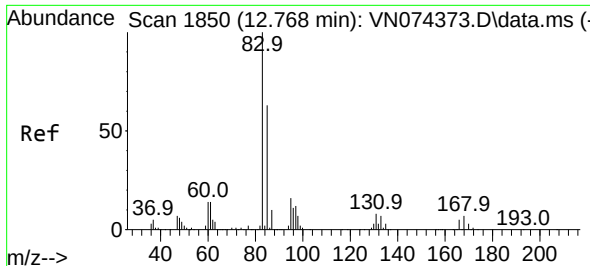


#74
N-ethyl acetate
Concen: 55.741 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



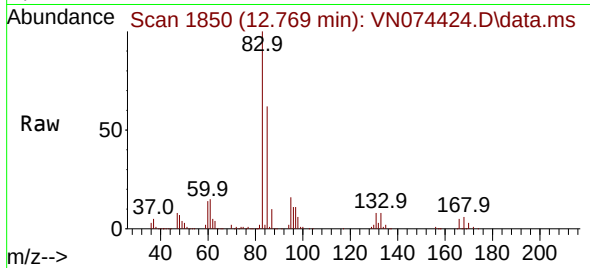
Tgt Ion: 43 Resp: 479057
Ion Ratio Lower Upper
43 100
70 36.2 31.4 47.0
55 21.3 17.0 25.6
61 21.0 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 46.703 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

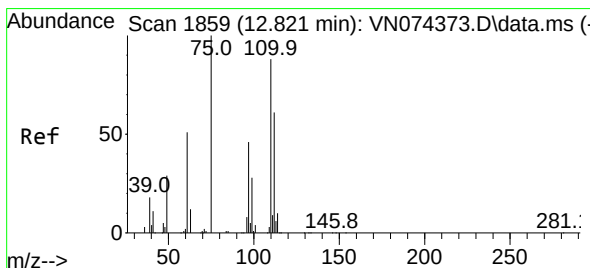
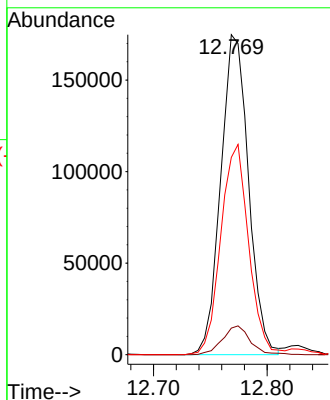
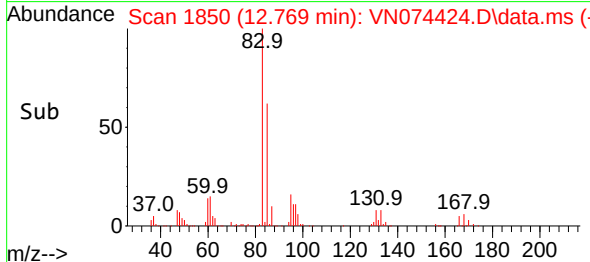
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 297324
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 65.8 32.3 96.8

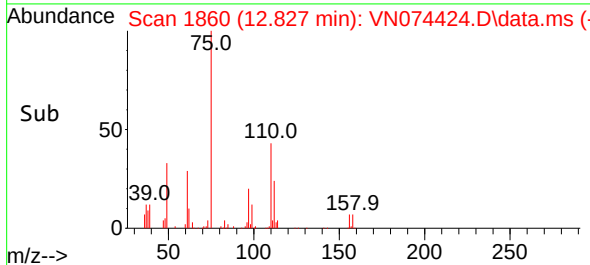
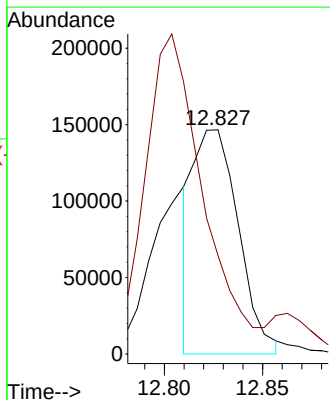
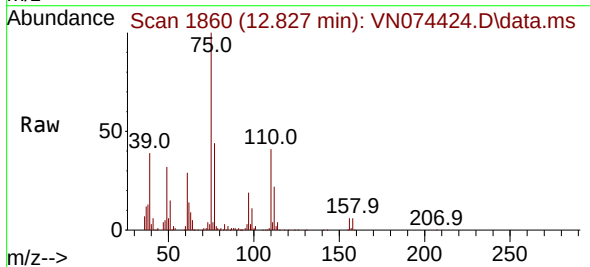
Manual Integrations
APPROVED

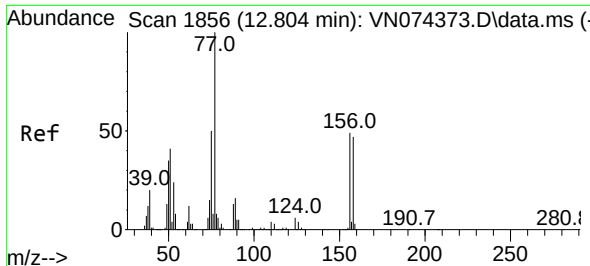
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#76
1,2,3-Trichloropropane
Concen: 50.716 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

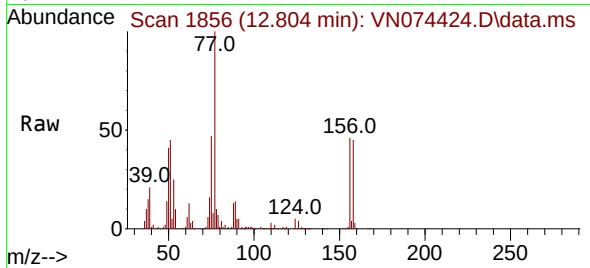
Tgt Ion: 75 Resp: 233765
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7#





#77
Bromobenzene
Concen: 45.710 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

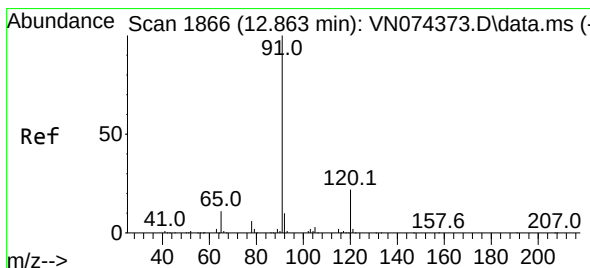
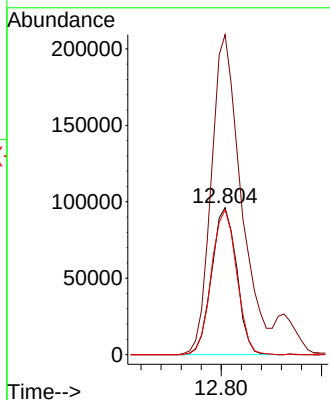
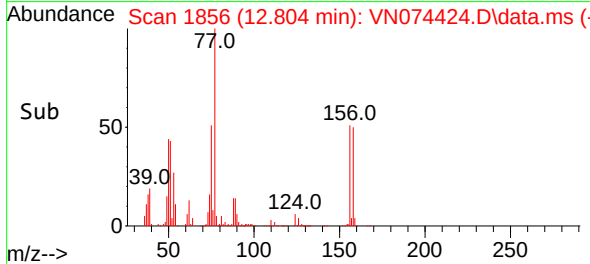
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



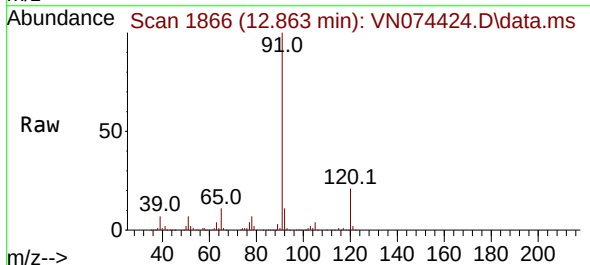
Tgt Ion: 156 Resp: 166234
Ion Ratio Lower Upper
156 100
77 256.8 124.4 373.1
158 99.5 49.2 147.6

Manual Integrations
APPROVED

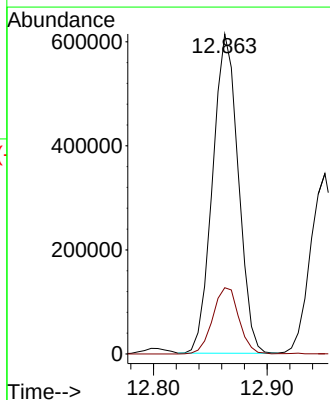
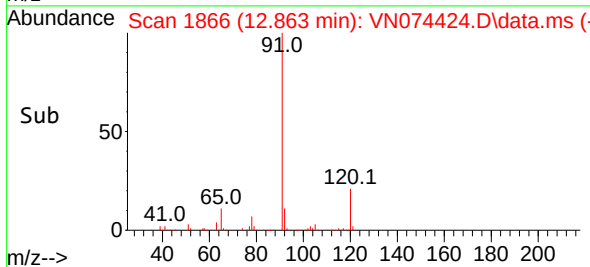
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

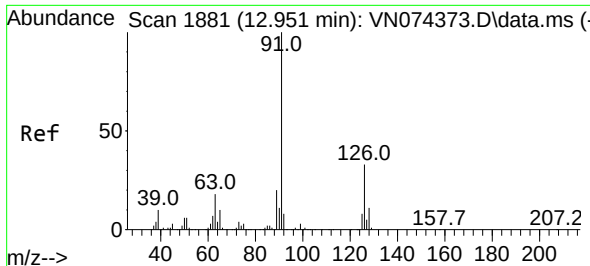


#78
n-propylbenzene
Concen: 49.682 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



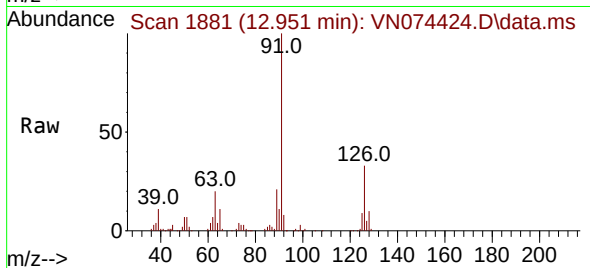
Tgt Ion: 91 Resp: 964162
Ion Ratio Lower Upper
91 100
120 21.1 11.1 33.1





#79
2-Chlorotoluene
Concen: 47.290 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

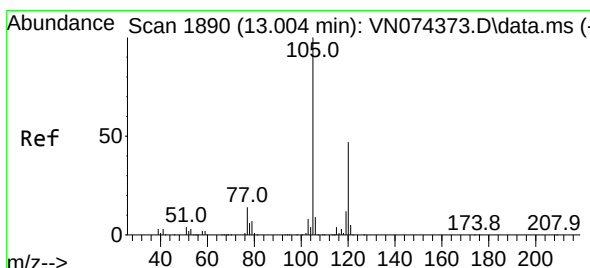
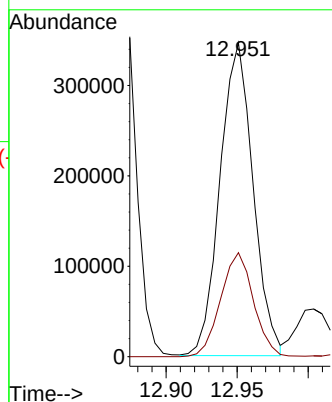
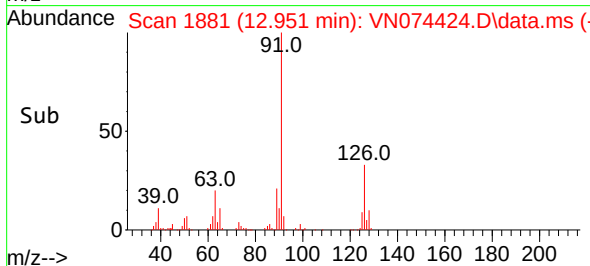
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



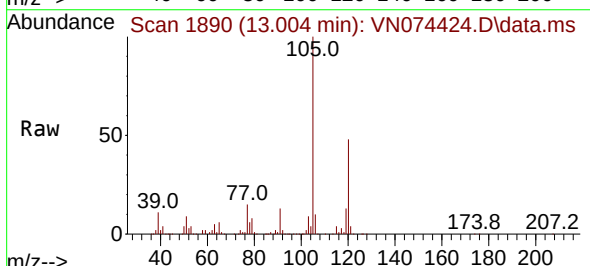
Tgt Ion: 91 Resp: 55953
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5

Manual Integrations
APPROVED

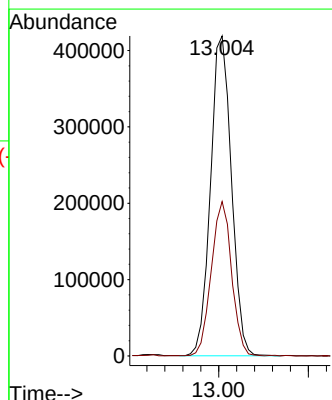
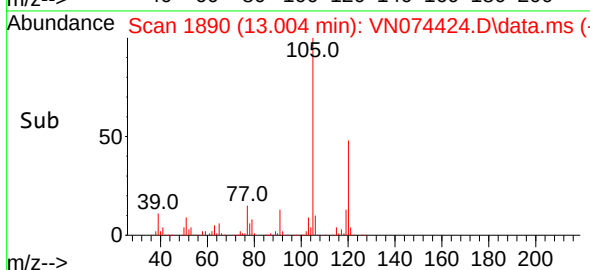
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

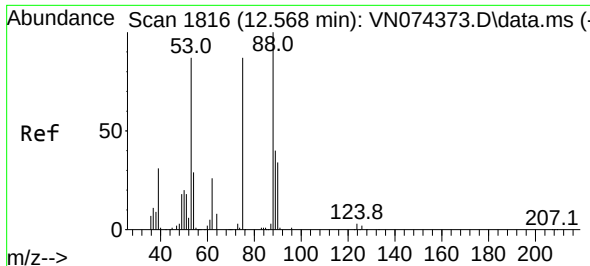


#80
1,3,5-Trimethylbenzene
Concen: 48.151 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



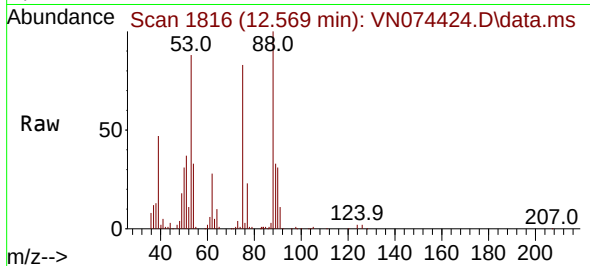
Tgt Ion:105 Resp: 676724
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 47.065 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

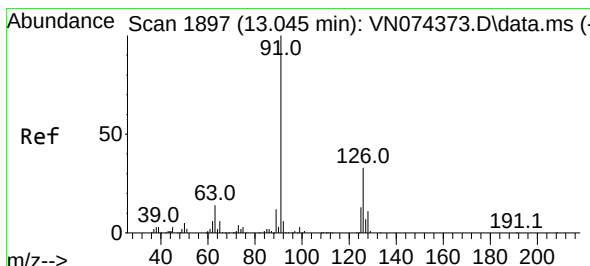
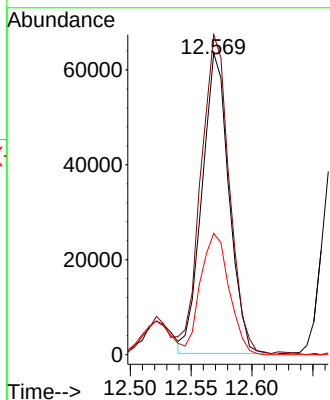
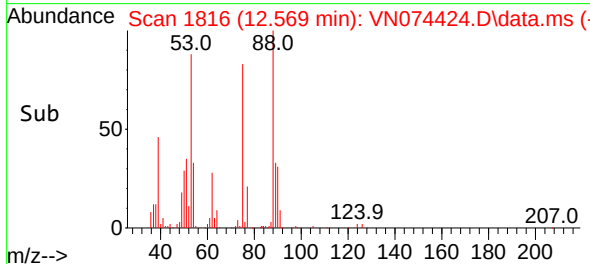
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 97325
Ion Ratio Lower Upper
75 100
53 112.6 82.2 123.2
89 42.8 37.7 56.5

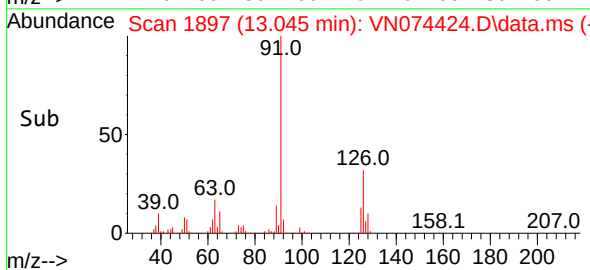
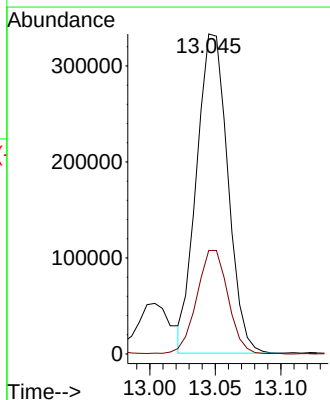
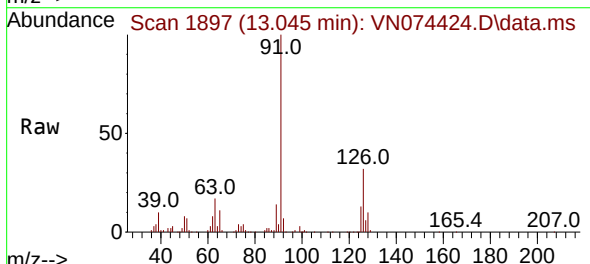
Manual Integrations
APPROVED

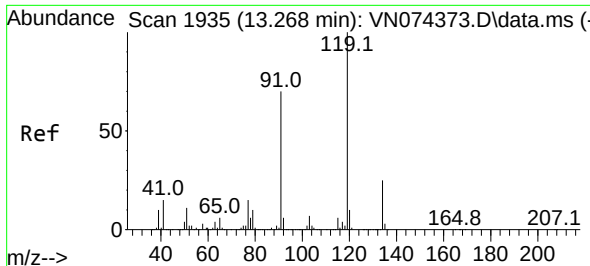
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 48.385 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

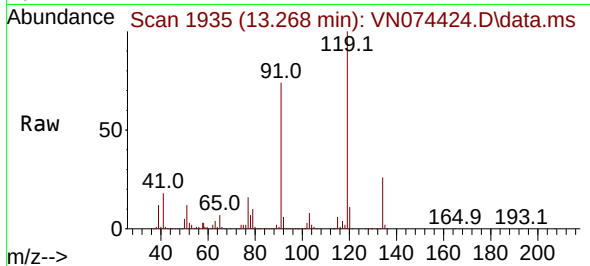
Tgt Ion: 91 Resp: 552375
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1





#83
tert-Butylbenzene
Concen: 46.363 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

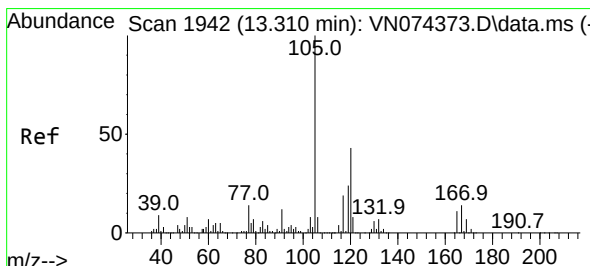
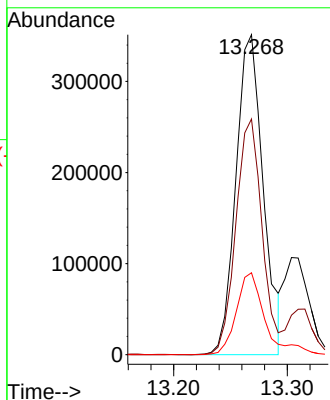
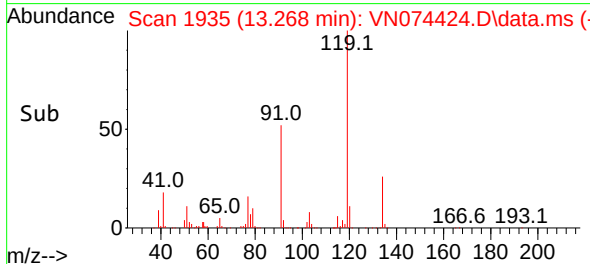
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



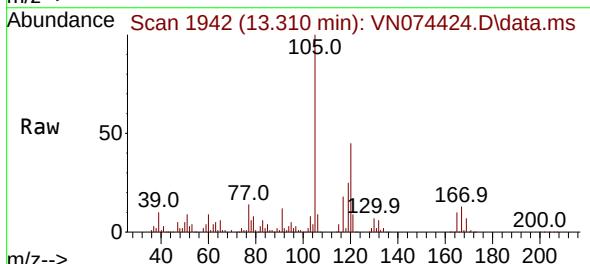
Tgt Ion:119 Resp: 58663
Ion Ratio Lower Upper
119 100
91 70.6 33.8 101.3
134 26.9 13.1 39.3

Manual Integrations
APPROVED

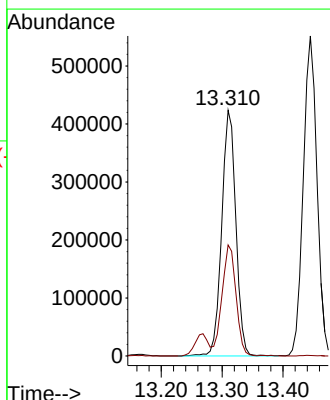
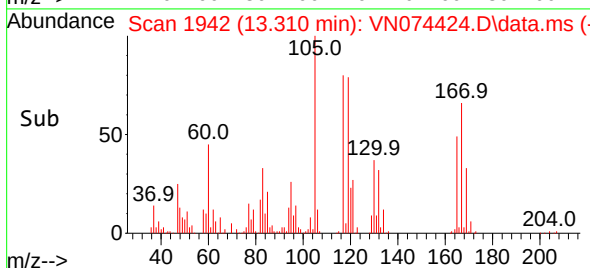
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

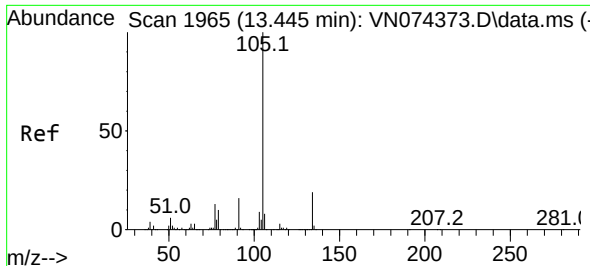


#84
1,2,4-Trimethylbenzene
Concen: 49.027 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



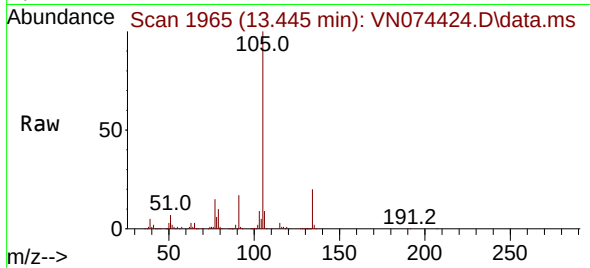
Tgt Ion:105 Resp: 682948
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 50.129 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

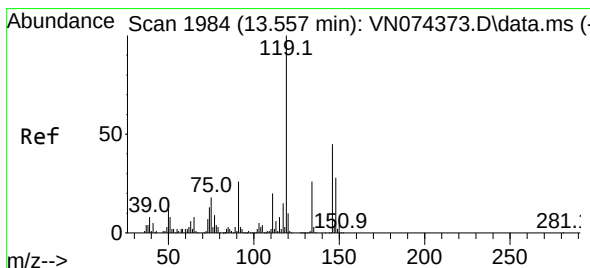
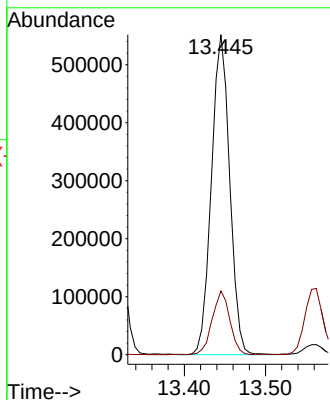
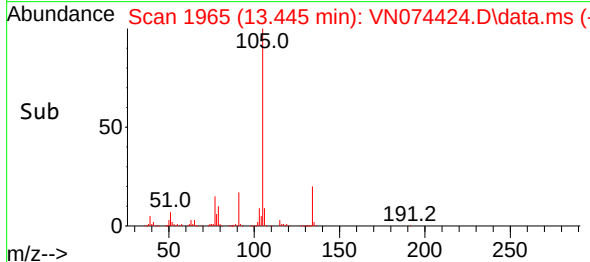
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 86317
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

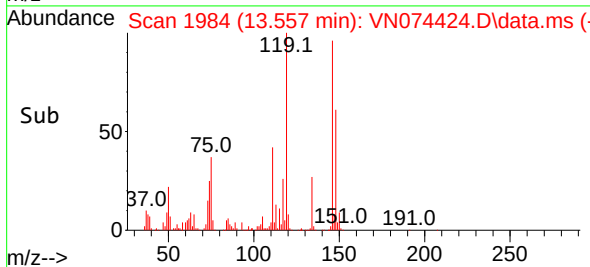
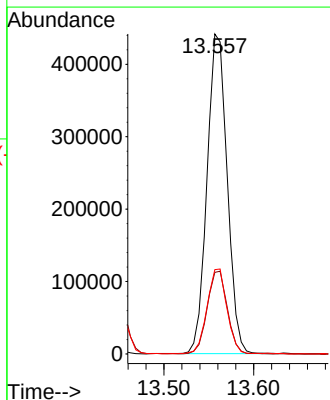
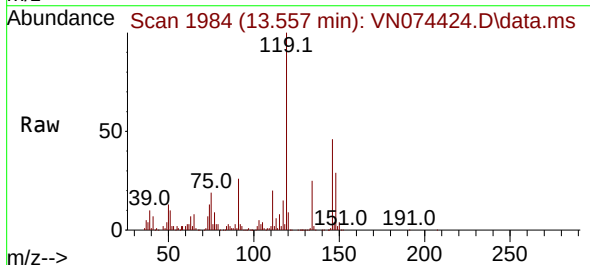
Manual Integrations
 APPROVED

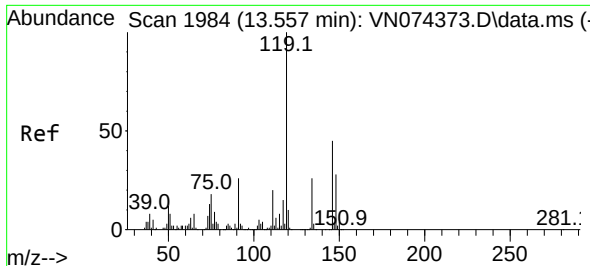
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#86
 p-Isopropyltoluene
 Concen: 49.954 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

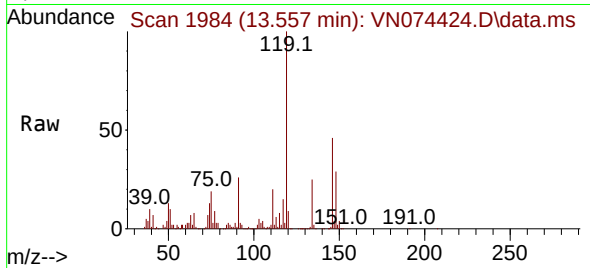
Tgt Ion:119 Resp: 688488
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 26.1 13.1 39.3





#87
 1,3-Dichlorobenzene
 Concen: 48.782 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02

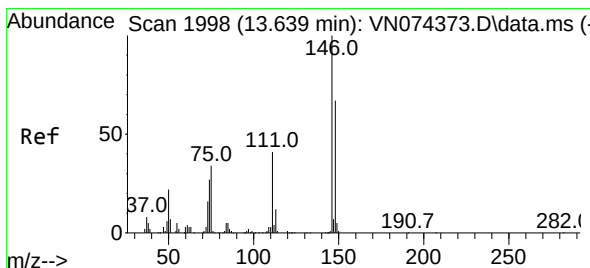
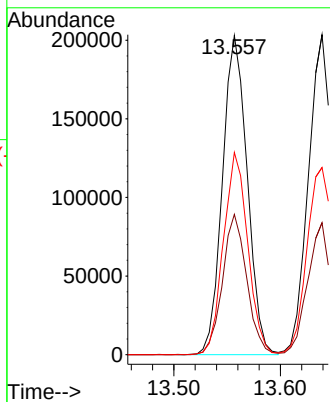
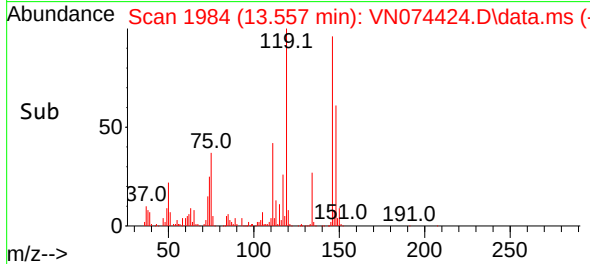
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



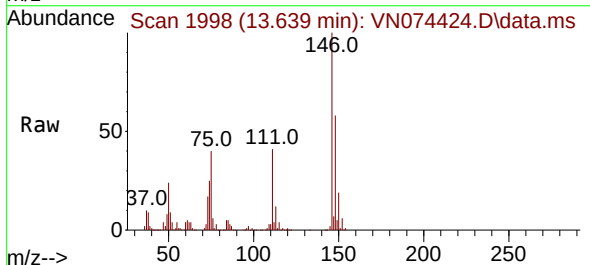
Tgt Ion:146 Resp: 328000
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.5 64.5
 148 62.5 32.0 96.0

Manual Integrations
 APPROVED

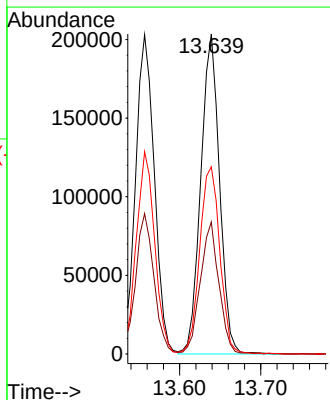
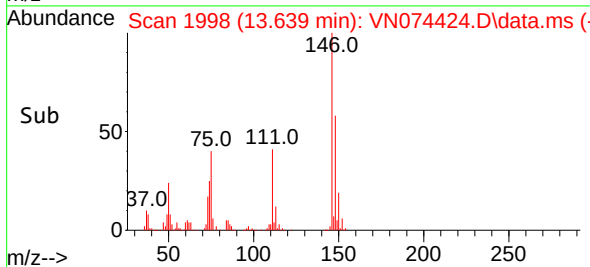
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

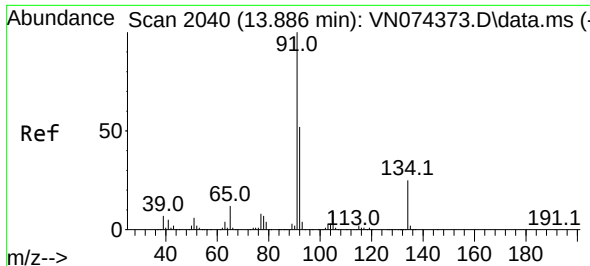


#88
 1,4-Dichlorobenzene
 Concen: 48.037 ug/l
 RT: 13.639 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN074424.D
 Acq: 13 Sep 2022 11:02



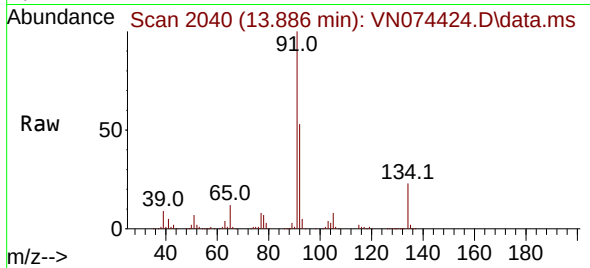
Tgt Ion:146 Resp: 326281
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.2
 148 62.9 32.1 96.5





#89
n-Butylbenzene
Concen: 53.322 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

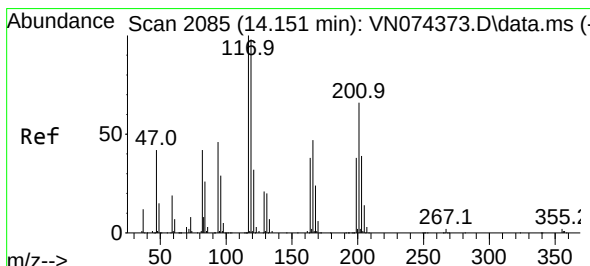
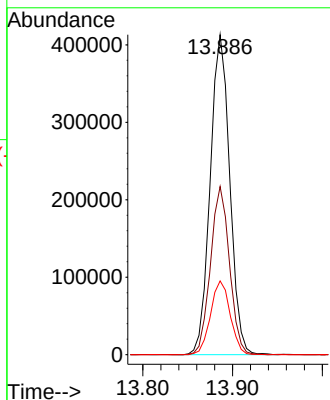
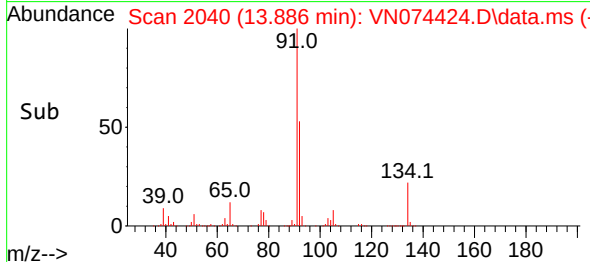
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 625374
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.4
134 23.2 12.4 37.0

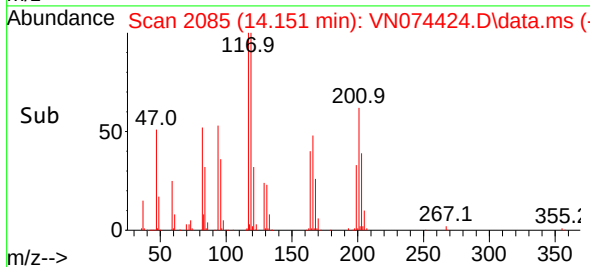
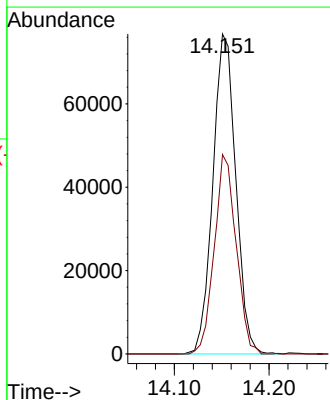
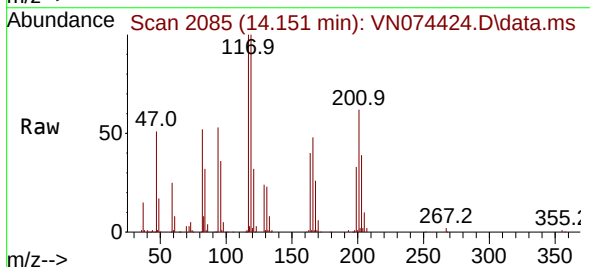
Manual Integrations
APPROVED

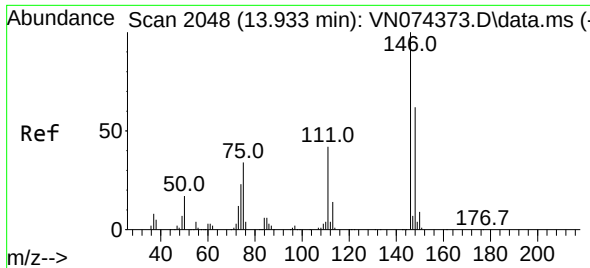
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 44.340 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion:117 Resp: 129105
Ion Ratio Lower Upper
117 100
201 59.4 32.6 98.0





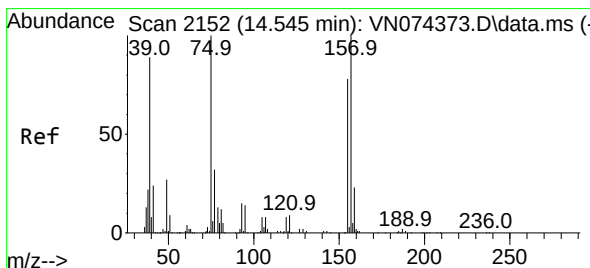
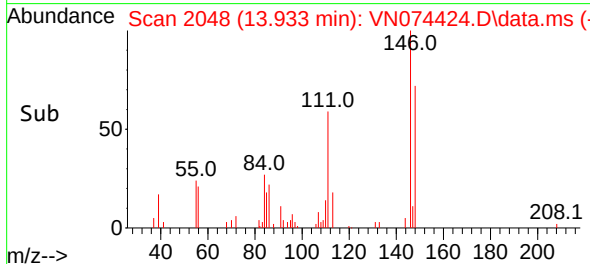
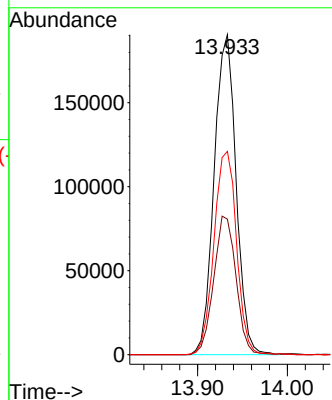
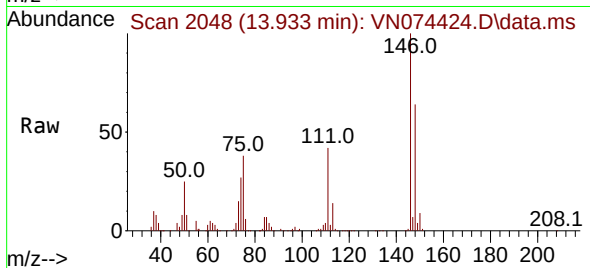
#91
1,2-Dichlorobenzene
Concen: 45.771 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 32365
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.7
148 65.6 31.4 94.2

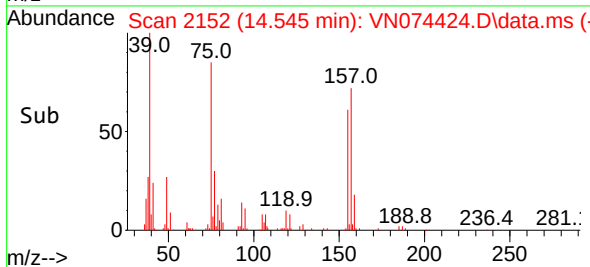
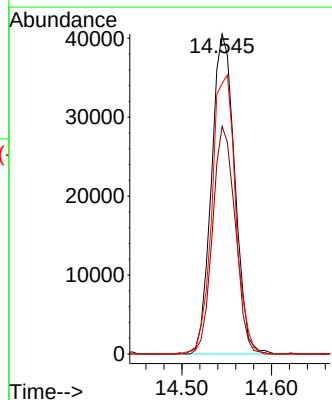
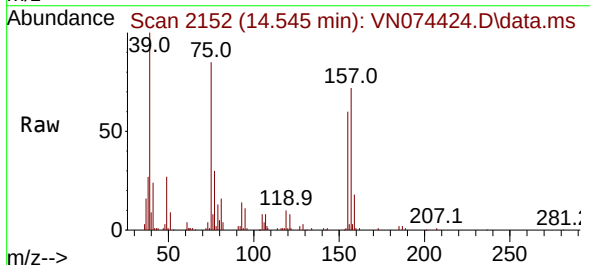
Manual Integrations
APPROVED

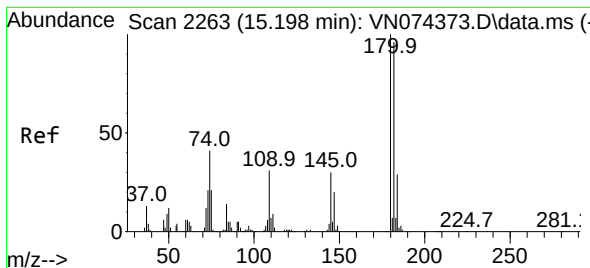
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.909 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

Tgt Ion: 75 Resp: 73103
Ion Ratio Lower Upper
75 100
155 69.0 36.6 109.9
157 88.3 46.2 138.5





#93

1,2,4-Trichlorobenzene

Concen: 46.410 ug/l

RT: 15.204 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VN074424.D

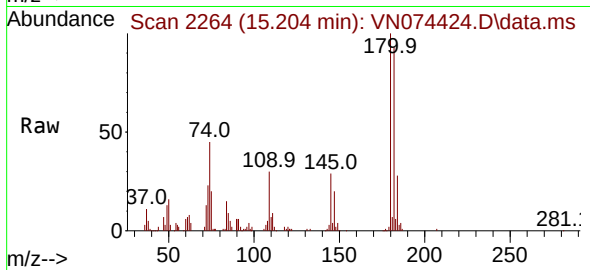
Acq: 13 Sep 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 163528

Ion Ratio Lower Upper

180 100

182 93.0 47.4 142.2

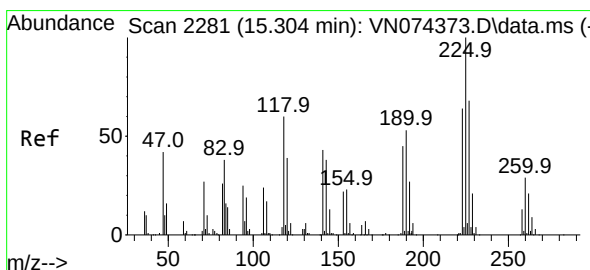
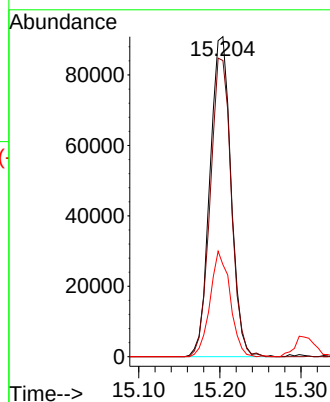
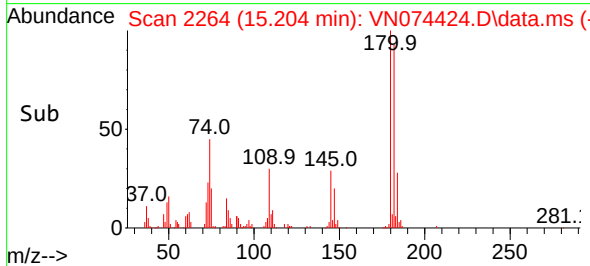
145 31.5 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#94

Hexachlorobutadiene

Concen: 42.143 ug/l

RT: 15.310 min Scan# 2282

Delta R.T. 0.006 min

Lab File: VN074424.D

Acq: 13 Sep 2022 11:02

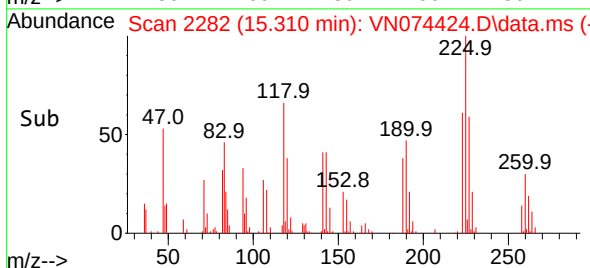
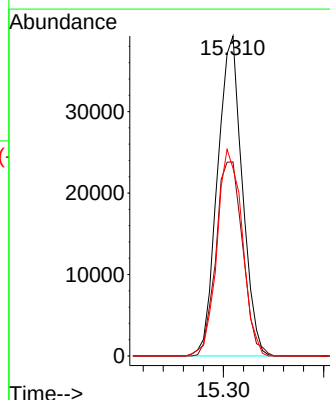
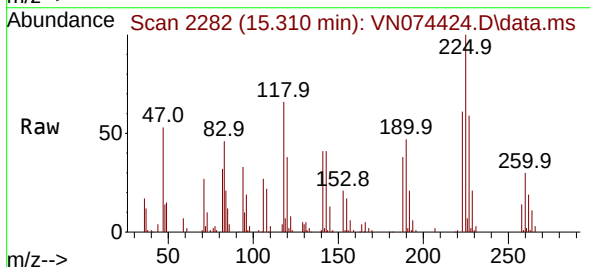
Tgt Ion:225 Resp: 67303

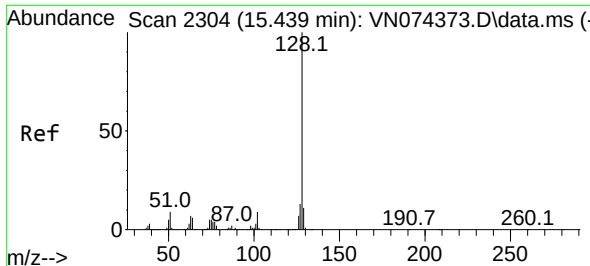
Ion Ratio Lower Upper

225 100

223 65.5 31.6 94.8

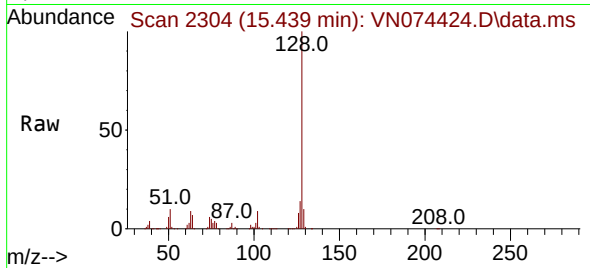
227 65.7 31.8 95.4





#95
Naphthalene
Concen: 47.426 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02

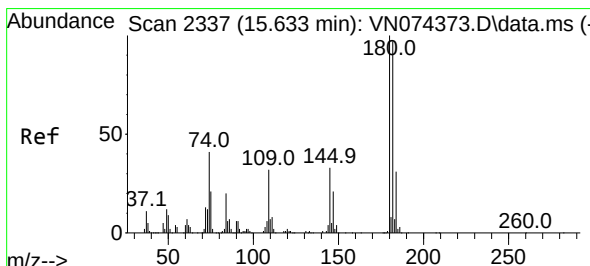
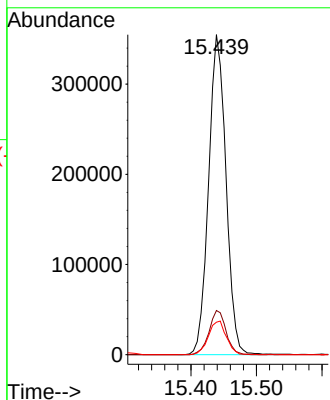
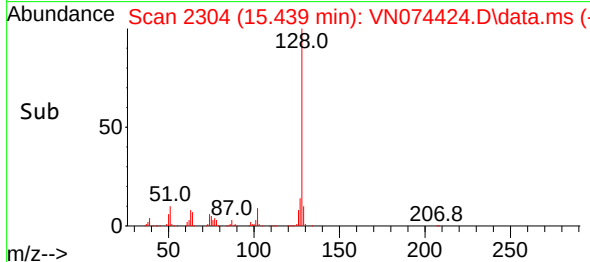
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



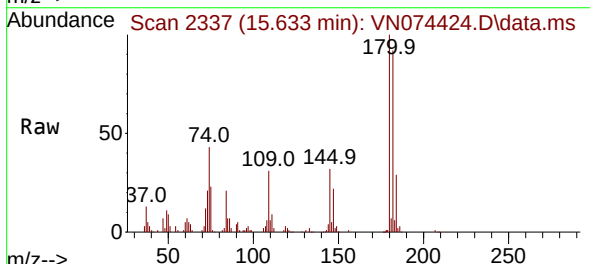
Tgt Ion:128 Resp: 65378
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 44.837 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074424.D
Acq: 13 Sep 2022 11:02



Tgt Ion:180 Resp: 163489
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.8
145 34.3 17.3 52.0

