

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074476.D
 Acq On : 15 Sep 2022 21:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 01:47:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	344827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	630667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	585629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	260709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	294552	50.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.680%			
35) Dibromofluoromethane	7.951	113	224797	53.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.320%			
50) Toluene-d8	10.380	98	867199	53.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.674	95	302783	54.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	147958	39.425	ug/l	100
3) Chloromethane	2.263	50	296344	46.962	ug/l	100
4) Vinyl Chloride	2.404	62	318013	47.077	ug/l	97
5) Bromomethane	2.781	94	195852	54.977	ug/l	98
6) Chloroethane	2.951	64	242142	52.477	ug/l	95
7) Trichlorofluoromethane	3.310	101	306509	41.088	ug/l	95
8) Diethyl Ether	3.763	74	160601	42.217	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	192425	41.695	ug/l	90
10) Methyl Iodide	4.345	142	246859	45.342	ug/l	97
11) Tert butyl alcohol	5.281	59	405126	212.561	ug/l	99
12) 1,1-Dichloroethene	4.104	96	194831	42.958	ug/l	94
13) Acrolein	3.975	56	179601	258.039	ug/l	96
14) Allyl chloride	4.757	41	477709	44.052	ug/l #	93
15) Acrylonitrile	5.469	53	1000402	233.636	ug/l	99
16) Acetone	4.216	43	837605	223.723	ug/l	99
17) Carbon Disulfide	4.451	76	508460	40.829	ug/l	98
18) Methyl Acetate	4.769	43	517608	44.512	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	859567	44.908	ug/l	99
20) Methylene Chloride	5.010	84	259085	45.330	ug/l #	84
21) trans-1,2-Dichloroethene	5.504	96	222277	44.606	ug/l	94
22) Diisopropyl ether	6.404	45	1024809	47.062	ug/l #	91
23) Vinyl Acetate	6.345	43	4636231	241.391	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	477489	43.867	ug/l	96
25) 2-Butanone	7.257	43	1471780	236.770	ug/l	90
26) 2,2-Dichloropropane	7.245	77	345444	36.811	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	270520	42.368	ug/l	91
28) Bromochloromethane	7.580	49	141258	44.065	ug/l #	69
29) Tetrahydrofuran	7.604	42	990288	242.302	ug/l #	85
30) Chloroform	7.739	83	462132	45.999	ug/l	97
31) Cyclohexane	8.022	56	445539	42.902	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	374659	42.520	ug/l	94
36) 1,1-Dichloropropene	8.157	75	324648	43.780	ug/l	97
37) Ethyl Acetate	7.333	43	563950	49.245	ug/l #	94
38) Carbon Tetrachloride	8.133	117	309522	45.209	ug/l	99
39) Methylcyclohexane	9.392	83	407390	46.202	ug/l	90
40) Benzene	8.386	78	1092715	47.654	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	260778	47.101	ug/l	91
42) 1,2-Dichloroethane	8.463	62	375175	47.678	ug/l	97
43) Isopropyl Acetate	8.492	43	888596	49.537	ug/l #	91
44) Trichloroethene	9.151	130	215371	43.406	ug/l	84
45) 1,2-Dichloropropane	9.427	63	299007	47.447	ug/l	97
46) Dibromomethane	9.516	93	182492	46.237	ug/l #	84
47) Bromodichloromethane	9.704	83	361667	46.739	ug/l	100
48) Methyl methacrylate	9.498	41	383584	48.226	ug/l	86
49) 1,4-Dioxane	9.510	88	153129	1001.371	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	3033485	258.964	ug/l	90
52) Toluene	10.445	92	648827	48.253	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	428307	47.492	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	445534	46.164	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	265723	46.654	ug/l	93
56) Ethyl methacrylate	10.704	69	509464	50.075	ug/l #	80
57) 1,3-Dichloropropane	10.986	76	480292	48.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1116797	249.423	ug/l #	88
59) 2-Hexanone	11.027	43	2365139	264.490	ug/l	88
60) Dibromochloromethane	11.180	129	264353	48.483	ug/l	100
61) 1,2-Dibromoethane	11.286	107	271060	48.988	ug/l	100
64) Tetrachloroethene	10.916	164	163506	40.683	ug/l	92
65) Chlorobenzene	11.710	112	662899	45.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	239121	44.766	ug/l	98
67) Ethyl Benzene	11.786	91	1270585	47.072	ug/l	98
68) m/p-Xylenes	11.898	106	936223	93.811	ug/l	94
69) o-Xylene	12.221	106	480599	47.231	ug/l	95
70) Styrene	12.239	104	792704	46.833	ug/l	98
71) Bromoform	12.398	173	187273	47.701	ug/l #	100
73) Isopropylbenzene	12.521	105	1228858	46.034	ug/l	98
74) N-amyl acetate	12.333	43	814959	48.827	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.768	83	480207	44.889	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	366693m	45.695	ug/l	
77) Bromobenzene	12.804	156	250515	43.931	ug/l	71
78) n-propylbenzene	12.863	91	1485674	46.729	ug/l	95
79) 2-Chlorotoluene	12.951	91	862940	45.467	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	1022578	46.992	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	169541	45.599	ug/l	97
82) 4-Chlorotoluene	13.045	91	836936	46.393	ug/l	97
83) tert-Butylbenzene	13.262	119	892141	45.047	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	1007495	46.006	ug/l	98
85) sec-Butylbenzene	13.445	105	1288789	47.394	ug/l	96
86) p-Isopropyltoluene	13.557	119	1010300	47.656	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	478452	45.659	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	465657	44.215	ug/l	97
89) n-Butylbenzene	13.886	91	918113	48.048	ug/l	95
90) Hexachloroethane	14.151	117	213056	46.190	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	488607	44.945	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	104904	44.410	ug/l	79
93) 1,2,4-Trichlorobenzene	15.198	180	230944	44.591	ug/l	98
94) Hexachlorobutadiene	15.304	225	96300	42.307	ug/l	99
95) Naphthalene	15.439	128	985050	44.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	232641	43.525	ug/l	97

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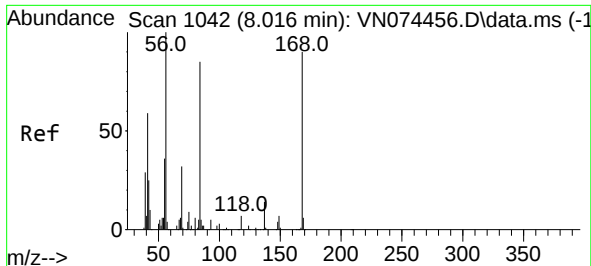
Manual Integrations
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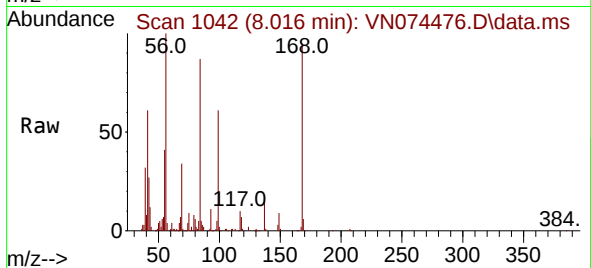
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074476.D
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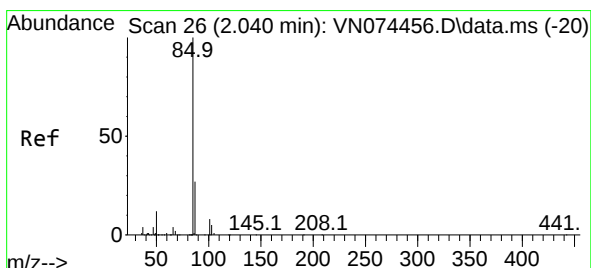
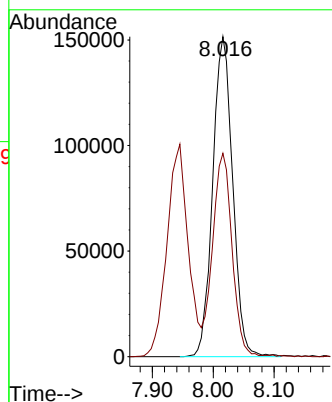
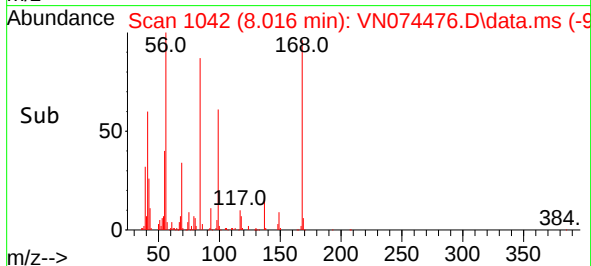
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 34482
Ion Ratio Lower Upper
168 100
99 63.2 42.3 63.5

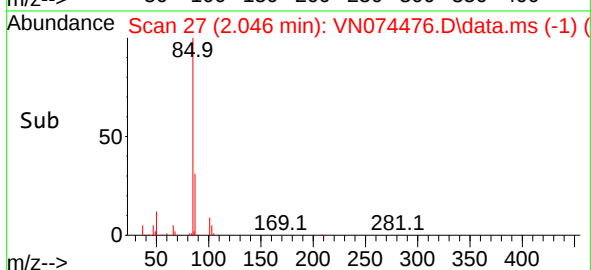
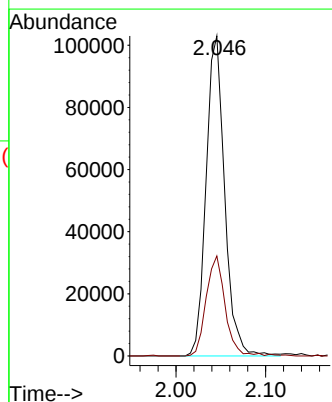
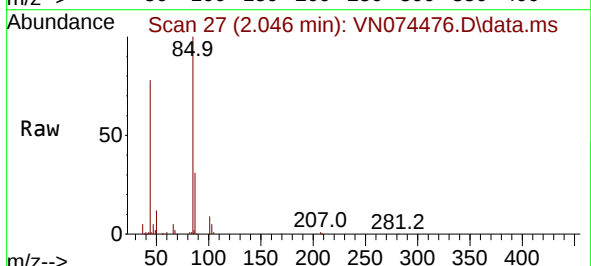
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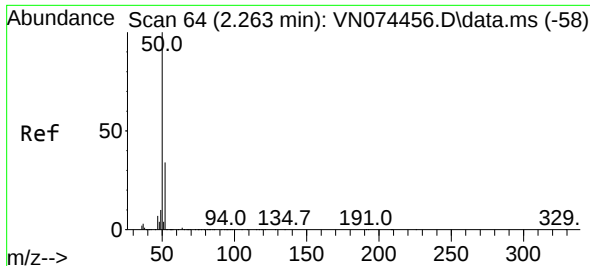
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 39.425 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

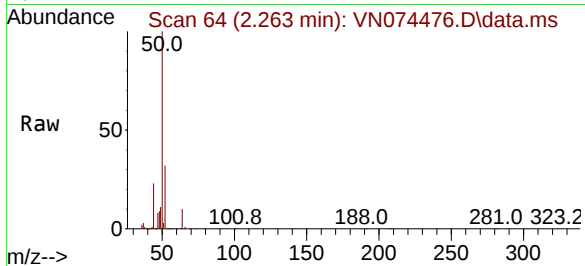
Tgt Ion: 85 Resp: 147958
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1





#3
Chloromethane
Concen: 46.962 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

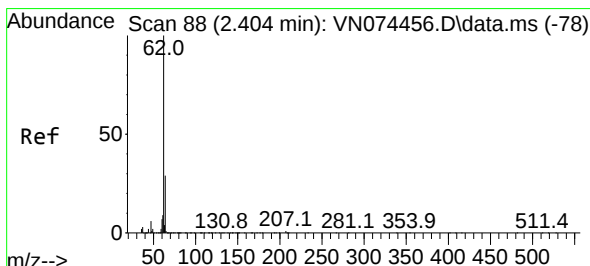
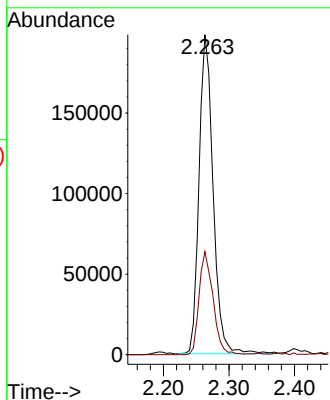
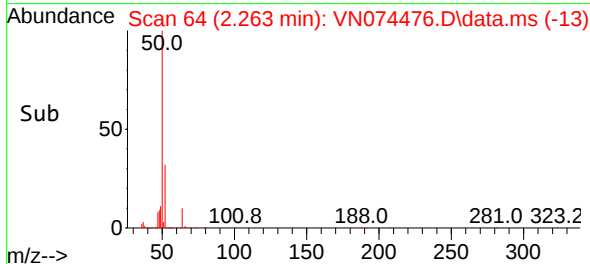
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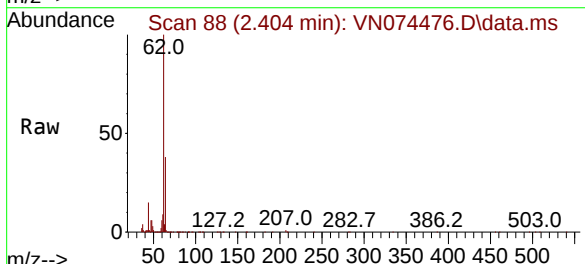
Tgt Ion: 50 Resp: 296344
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

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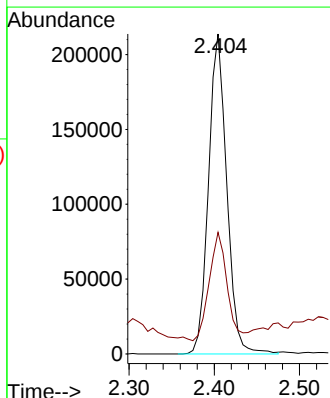
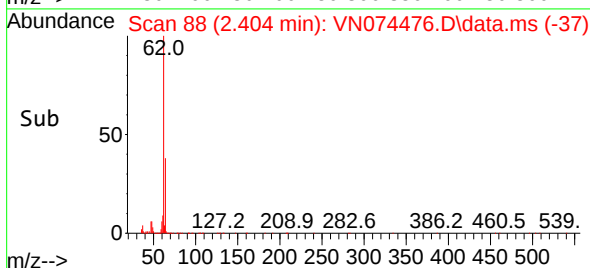
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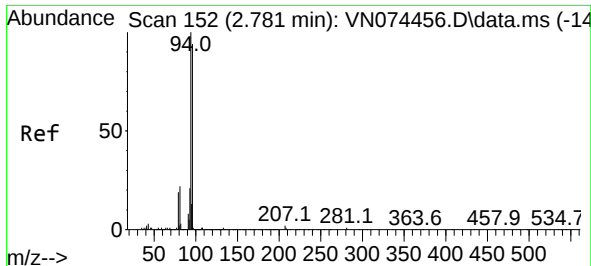


#4
Vinyl Chloride
Concen: 47.077 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



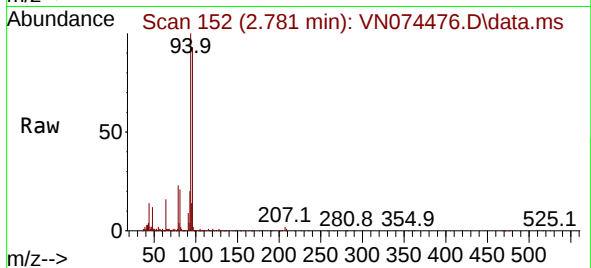
Tgt Ion: 62 Resp: 318013
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4





#5
Bromomethane
Concen: 54.977 ug/l
RT: 2.781 min Scan# 152
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

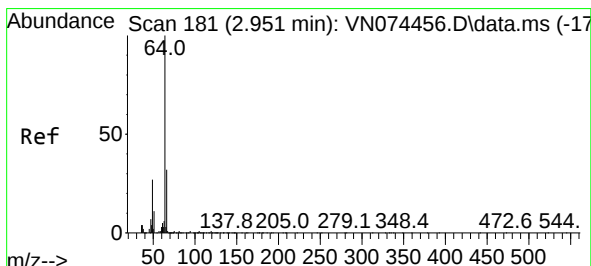
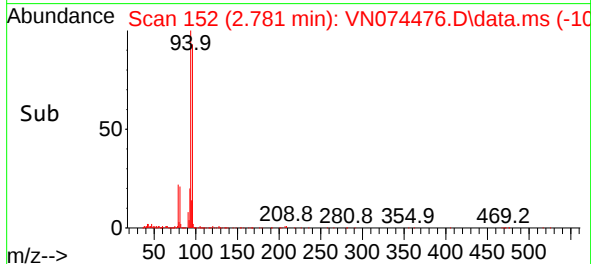
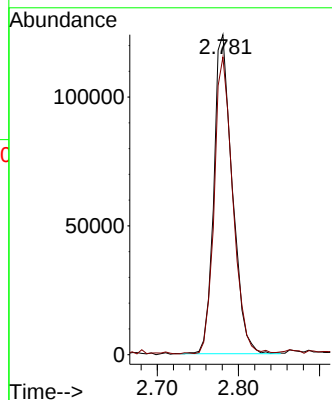
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Tgt Ion: 94 Resp: 195852
Ion Ratio Lower Upper
94 100
96 93.0 76.0 114.0

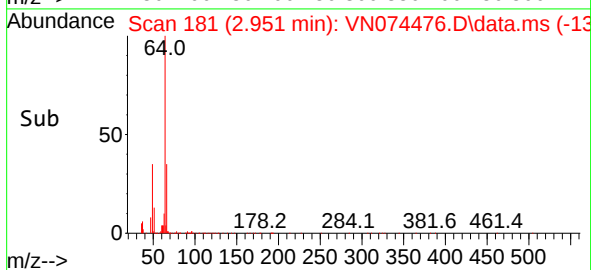
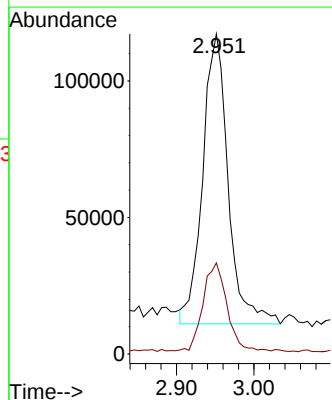
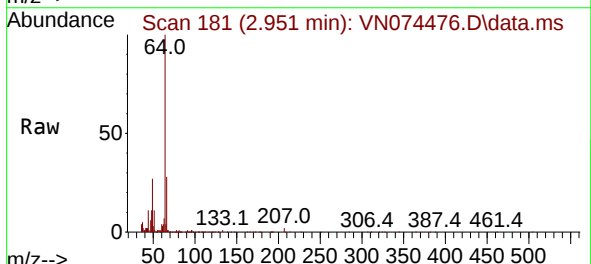
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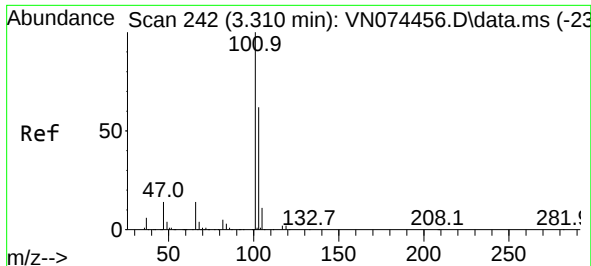
Reviewed By :John Carlone 09/16/2022
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#6
Chloroethane
Concen: 52.477 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074476.D
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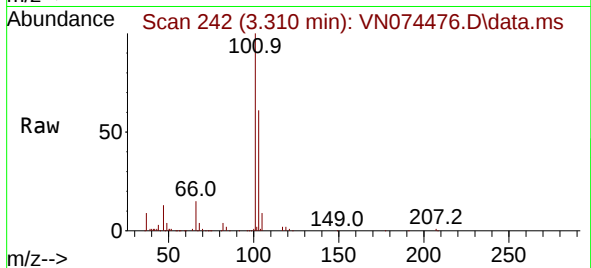
Tgt Ion: 64 Resp: 242142
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 41.088 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074476.D
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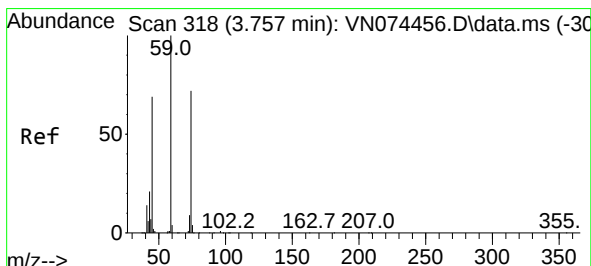
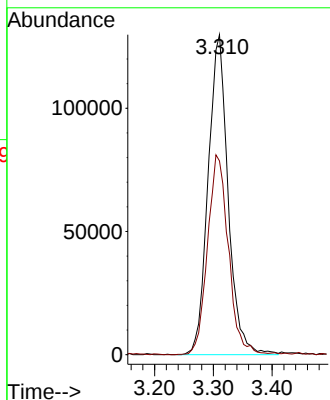
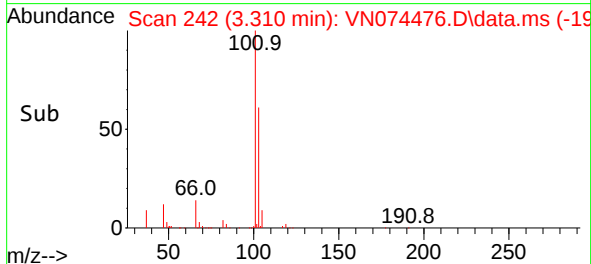
Instrument :
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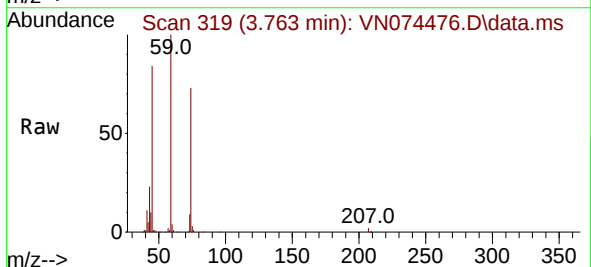
Tgt Ion:101 Resp: 306509
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.5 77.3

Manual Integrations
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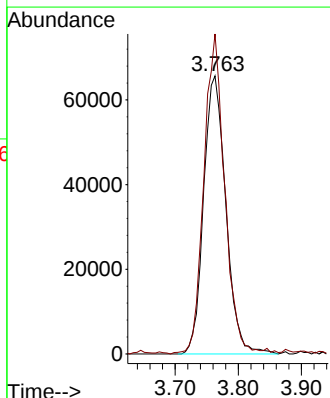
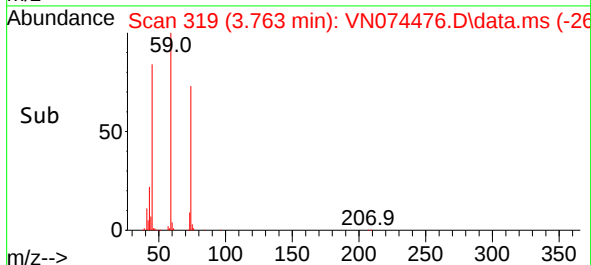
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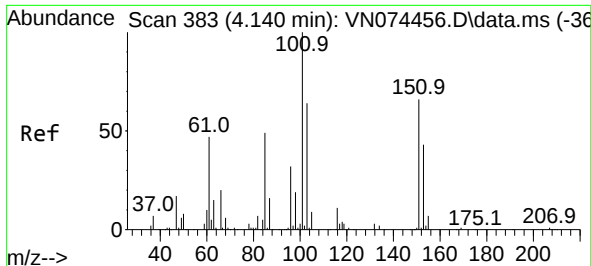


#8
 Diethyl Ether
 Concen: 42.217 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
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 Acq: 15 Sep 2022 21:13



Tgt Ion: 74 Resp: 160601
 Ion Ratio Lower Upper
 74 100
 45 107.3 42.9 128.5





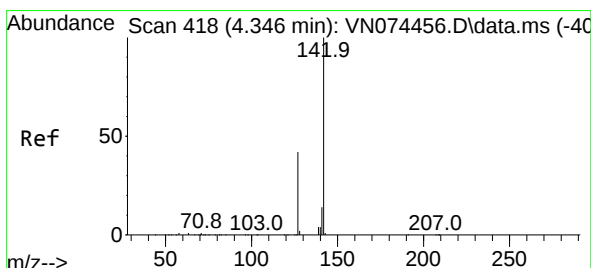
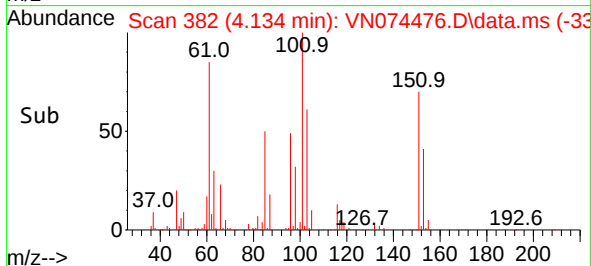
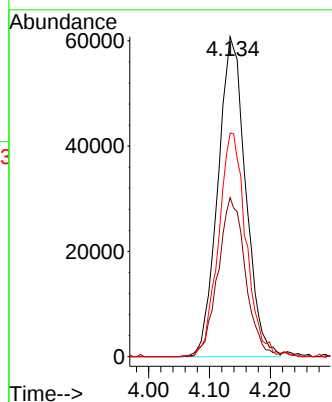
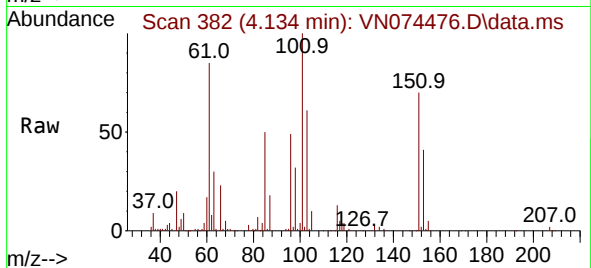
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.695 ug/l
RT: 4.134 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 192425
Ion Ratio Lower Upper
101 100
85 49.3 34.7 52.1
151 69.1 63.0 94.4

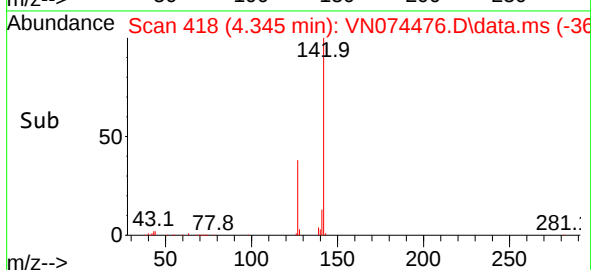
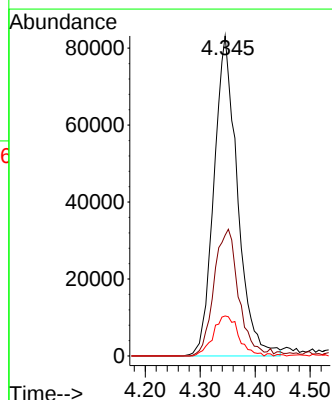
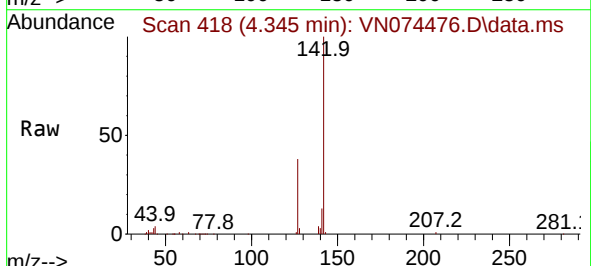
Manual Integrations
APPROVED

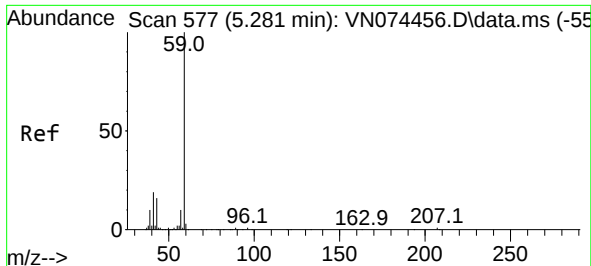
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 45.342 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.001 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

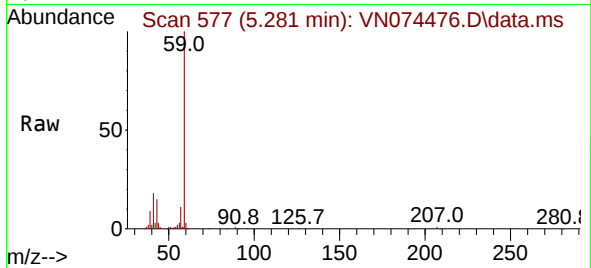
Tgt Ion:142 Resp: 246859
Ion Ratio Lower Upper
142 100
127 41.3 31.3 46.9
141 13.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 212.561 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

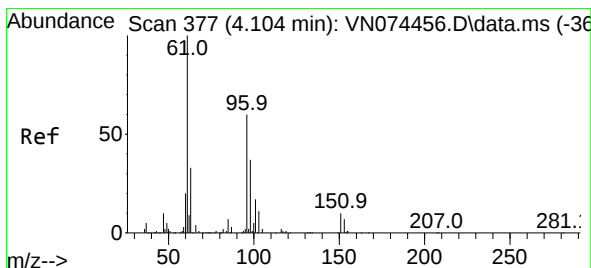
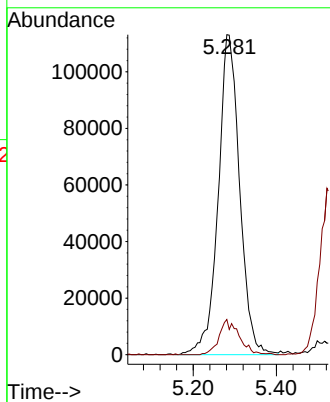
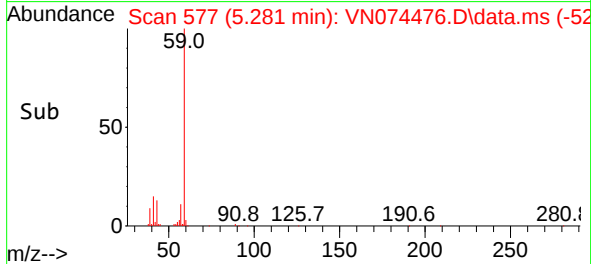
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



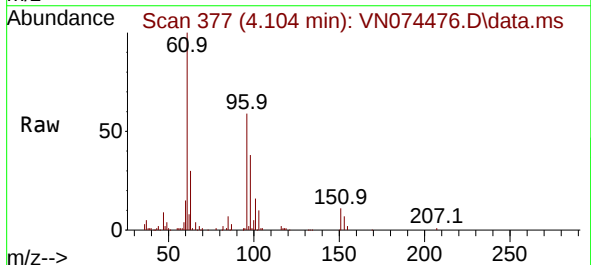
Tgt Ion: 59 Resp: 405120
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

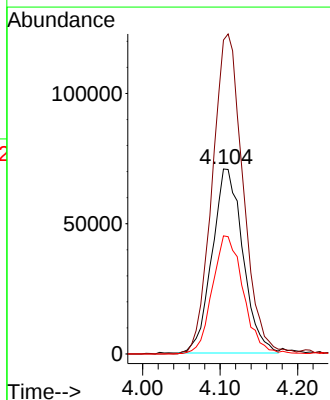
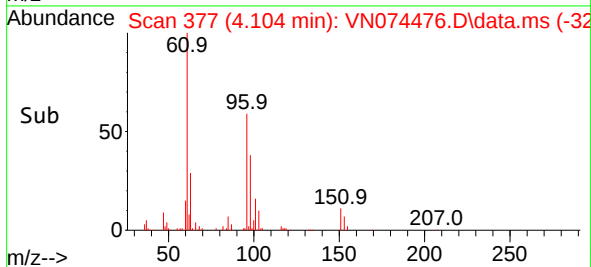
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

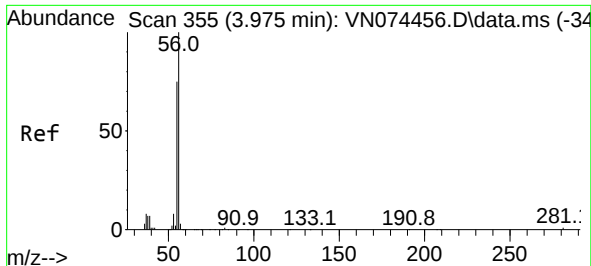


#12
1,1-Dichloroethene
Concen: 42.958 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



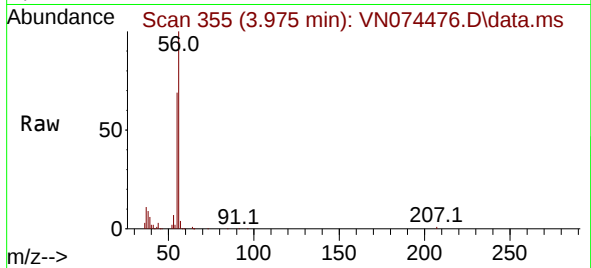
Tgt Ion: 96 Resp: 194831
Ion Ratio Lower Upper
96 100
61 170.5 127.6 191.4
98 63.9 51.2 76.8





#13
Acrolein
Concen: 258.039 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

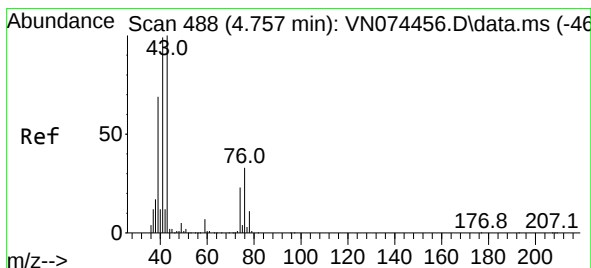
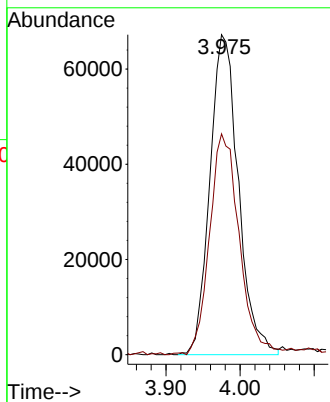
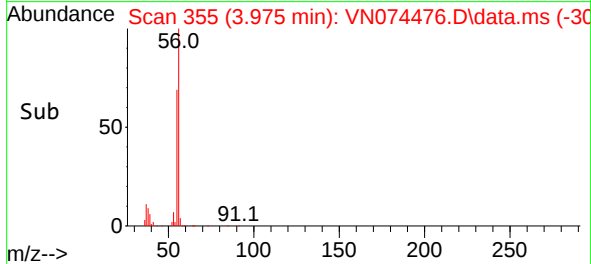
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



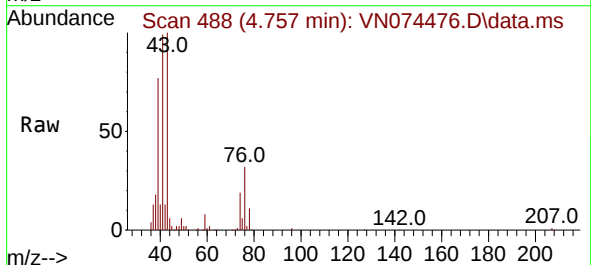
Tgt Ion: 56 Resp: 17960
Ion Ratio Lower Upper
56 100
55 71.7 54.8 82.2

Manual Integrations
APPROVED

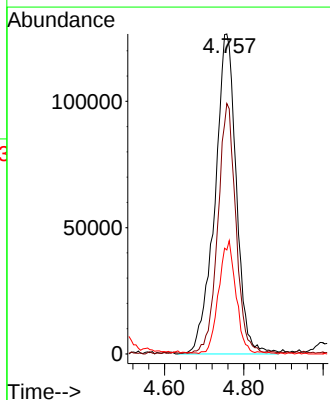
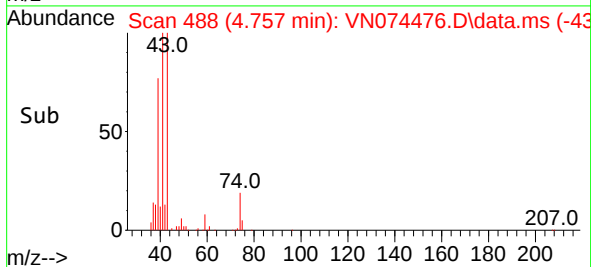
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

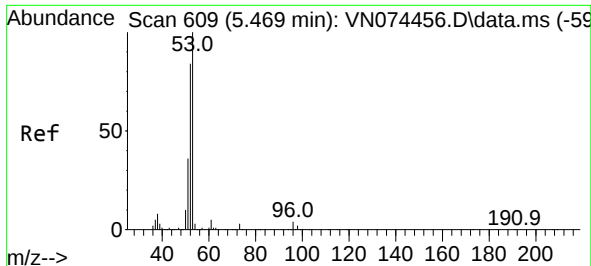


#14
Allyl chloride
Concen: 44.052 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



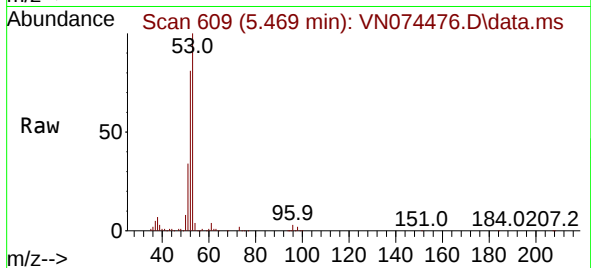
Tgt Ion: 41 Resp: 477709
Ion Ratio Lower Upper
41 100
39 65.2 53.2 79.8
76 28.0 29.9 44.9





#15
Acrylonitrile
Concen: 233.636 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

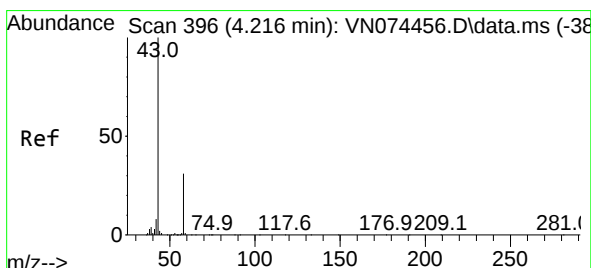
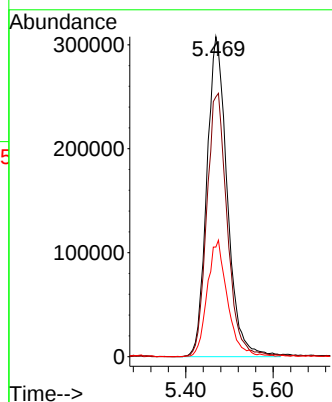
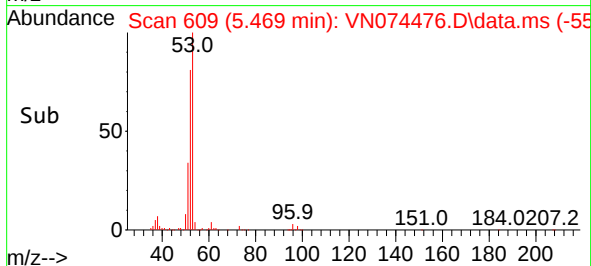
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



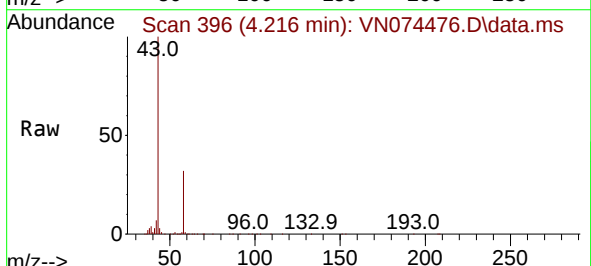
Tgt Ion: 53 Resp: 100040
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 35.8 28.5 42.7

Manual Integrations
APPROVED

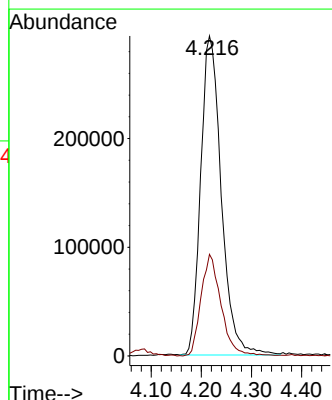
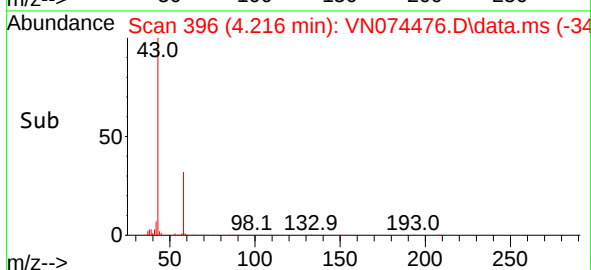
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

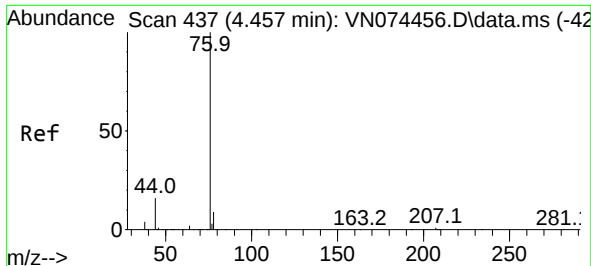


#16
Acetone
Concen: 223.723 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



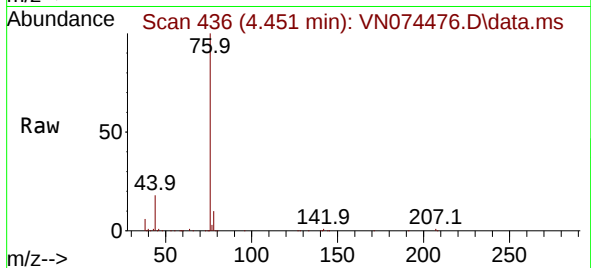
Tgt Ion: 43 Resp: 837605
Ion Ratio Lower Upper
43 100
58 31.7 26.0 39.0





#17
Carbon Disulfide
Concen: 40.829 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

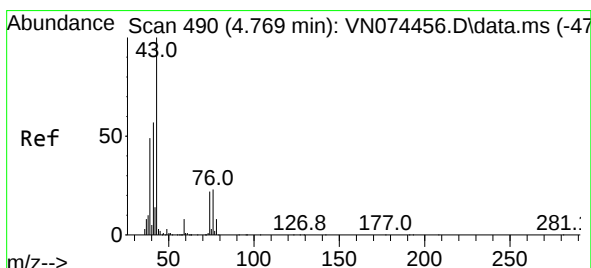
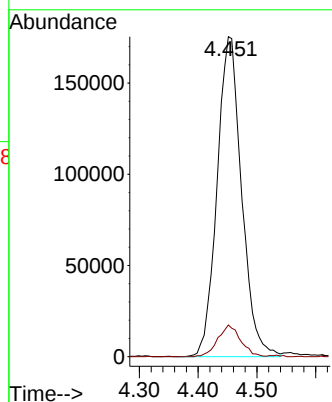
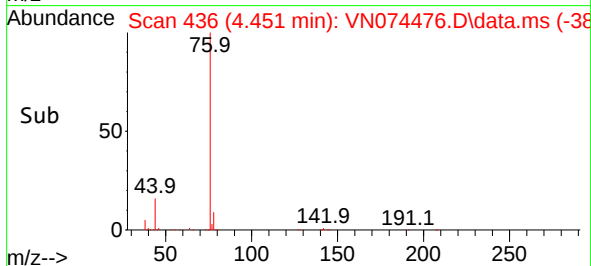
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 508460
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

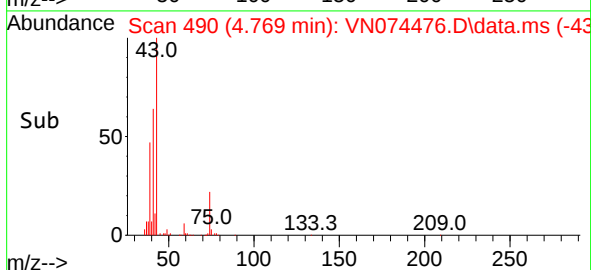
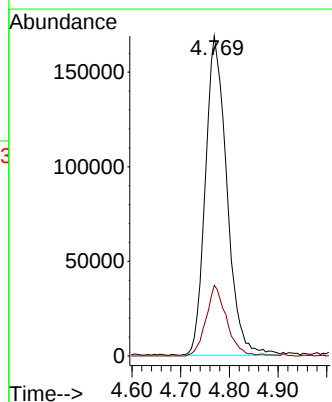
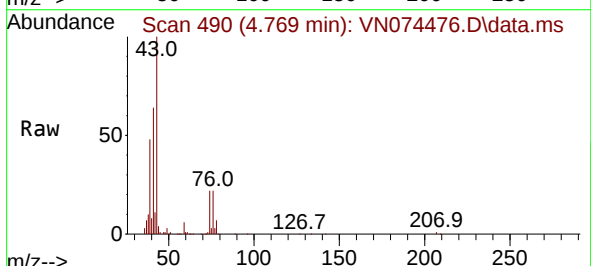
Manual Integrations
APPROVED

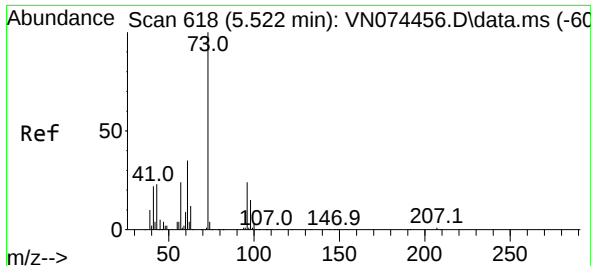
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 44.512 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

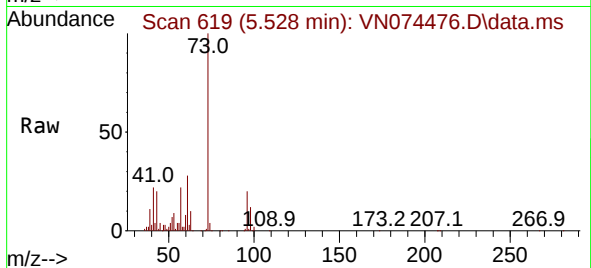
Tgt Ion: 43 Resp: 517608
Ion Ratio Lower Upper
43 100
74 21.0 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 44.908 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

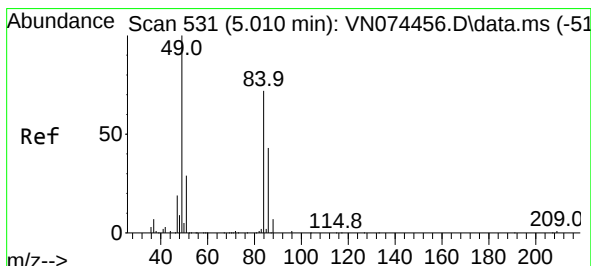
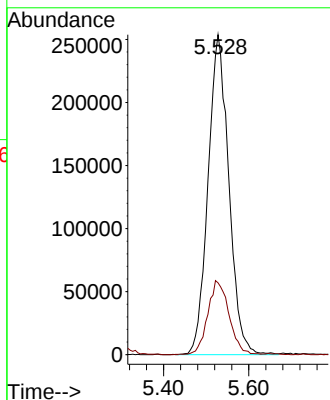
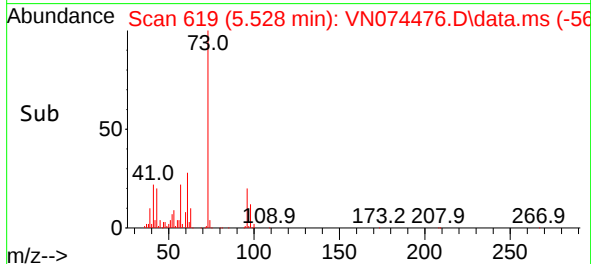
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 85956
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

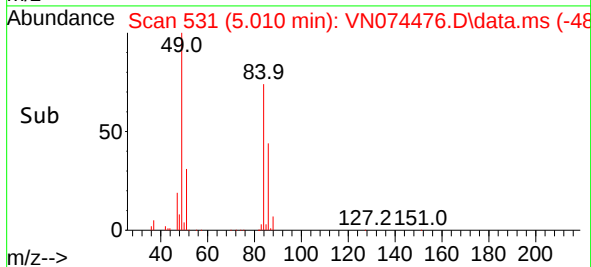
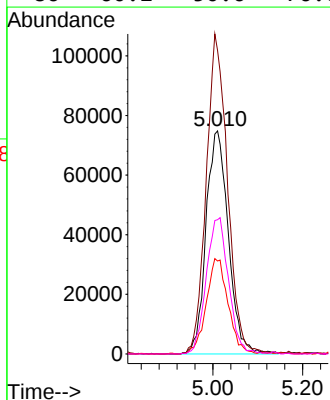
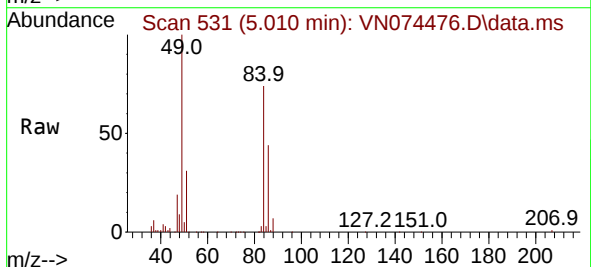
Manual Integrations
APPROVED

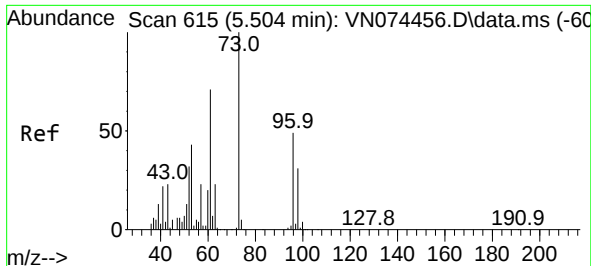
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 45.330 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

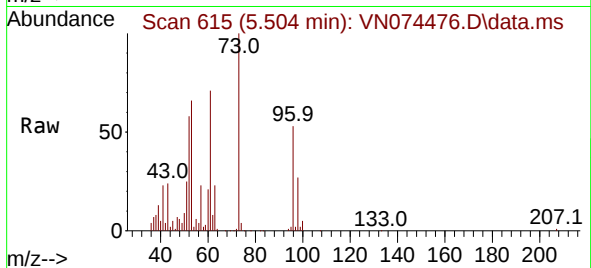
Tgt Ion: 84 Resp: 259085
Ion Ratio Lower Upper
84 100
49 136.0 88.3 132.5#
51 41.7 28.2 42.2
86 60.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.606 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

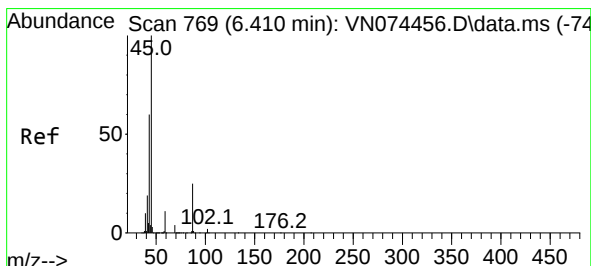
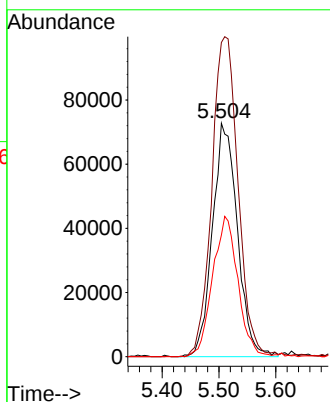
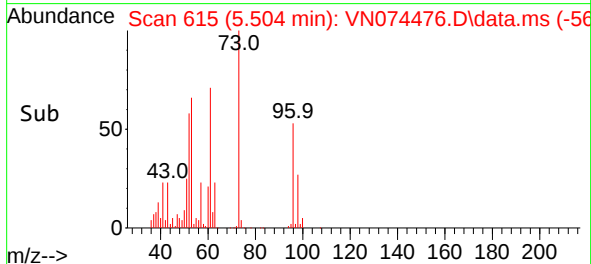
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 22227
Ion Ratio Lower Upper
96 100
61 134.6 105.8 158.8
98 52.1 50.3 75.5

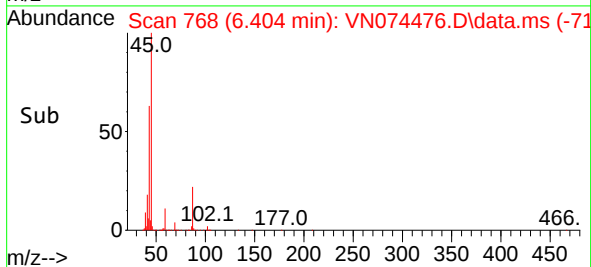
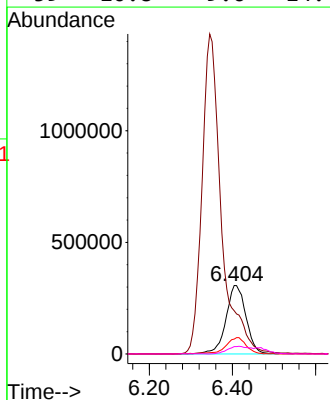
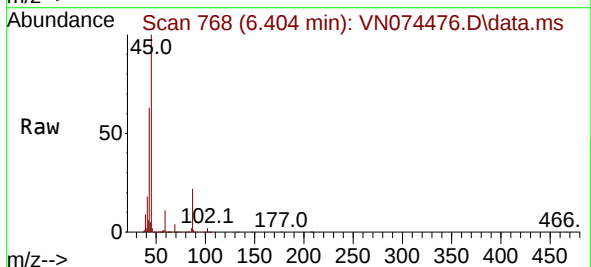
Manual Integrations
APPROVED

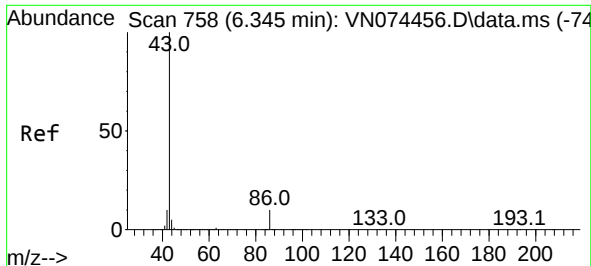
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 47.062 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

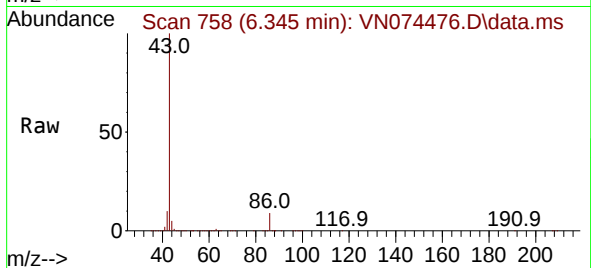
Tgt Ion: 45 Resp: 1024809
Ion Ratio Lower Upper
45 100
43 62.9 46.6 70.0
87 21.7 24.3 36.5#
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 241.391 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074476.D
 Acq: 15 Sep 2022 21:13

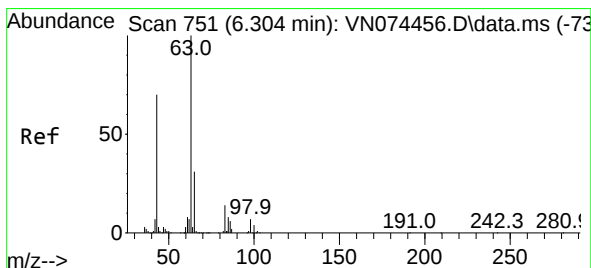
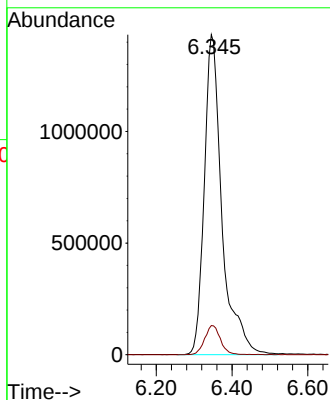
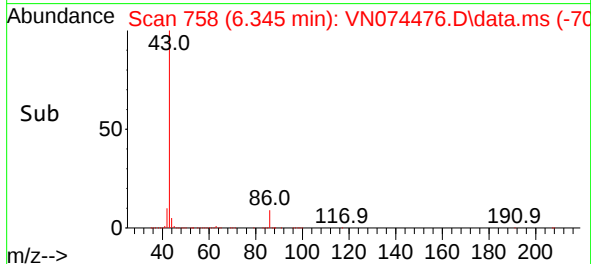
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



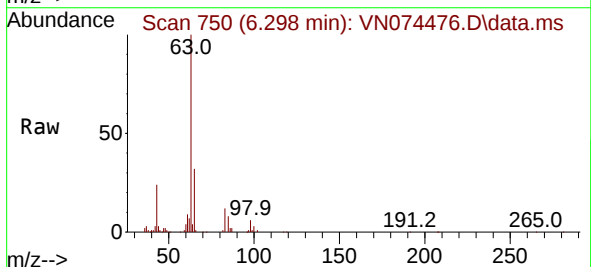
Tgt Ion: 43 Resp: 463623
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.0 15.0

Manual Integrations
 APPROVED

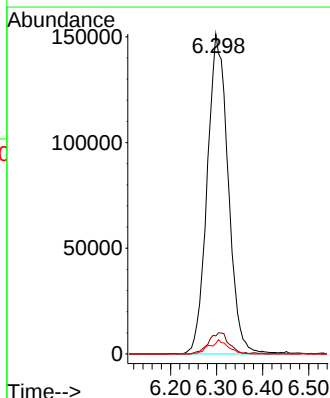
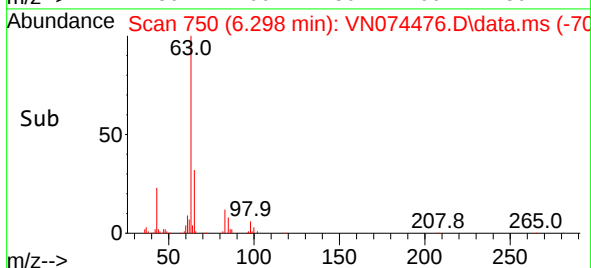
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

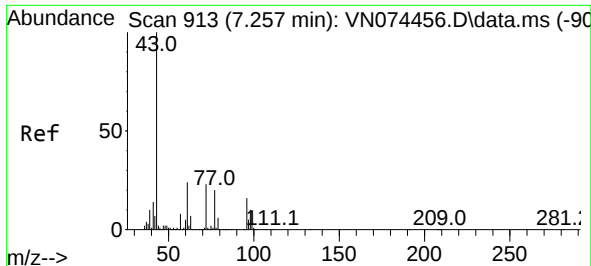


#24
 1,1-Dichloroethane
 Concen: 43.867 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074476.D
 Acq: 15 Sep 2022 21:13



Tgt Ion: 63 Resp: 477489
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.5 10.4
 100 3.3 2.3 6.8





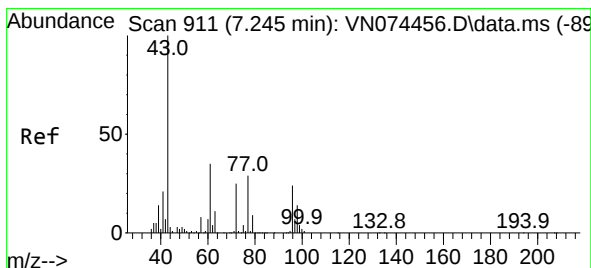
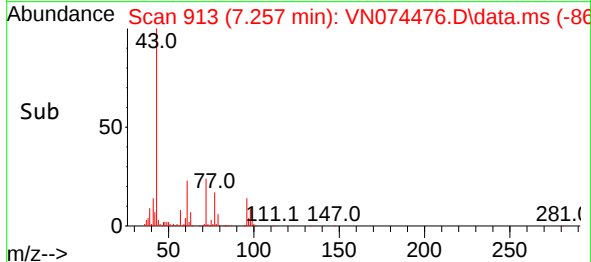
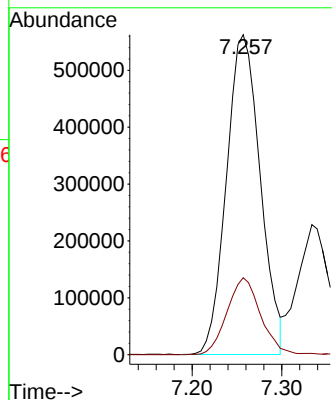
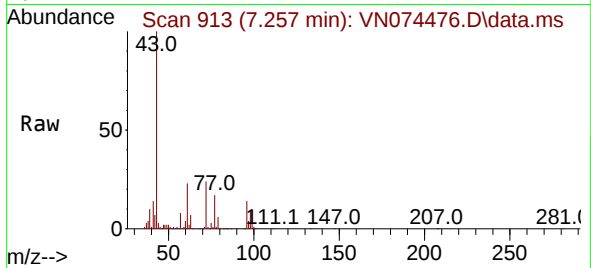
#25
2-Butanone
Concen: 236.770 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1471780
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5

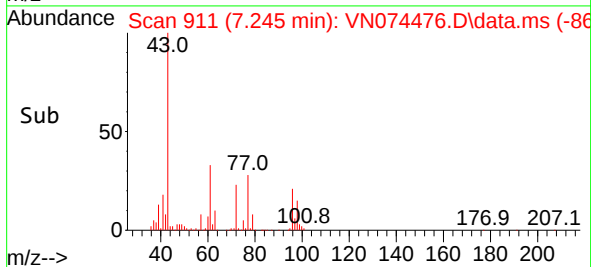
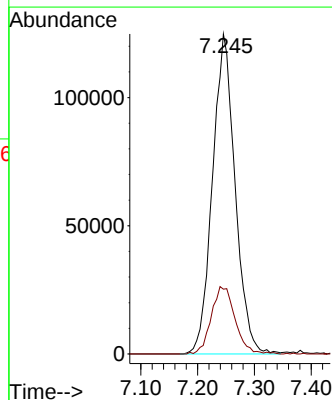
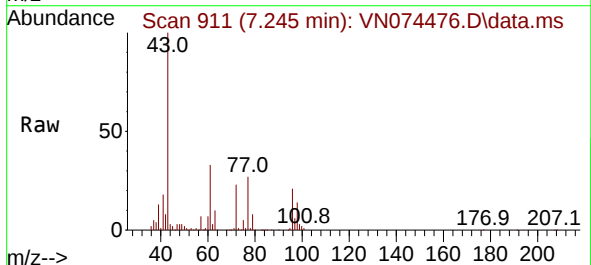
Manual Integrations
APPROVED

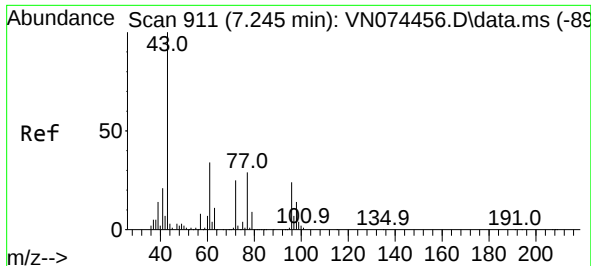
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 36.811 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Tgt Ion: 77 Resp: 345444
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 42.368 ug/l

RT: 7.239 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

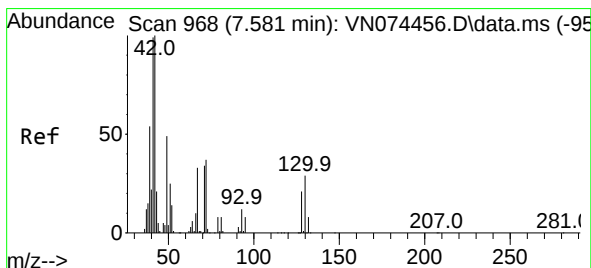
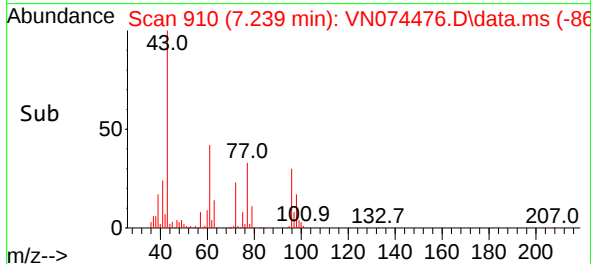
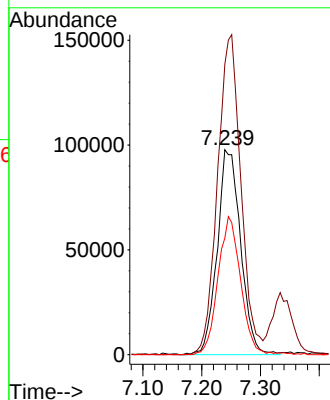
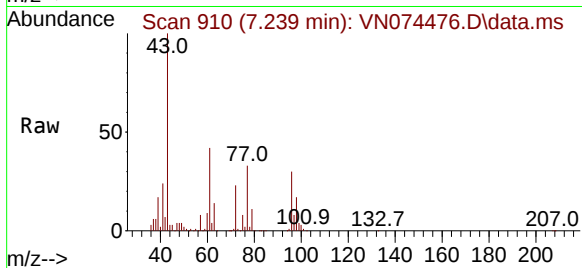
Tgt Ion:	96	Resp:	270520
Ion Ratio	Lower	Upper	
96	100		
61	155.8	0.0	280.6
98	65.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 44.065 ug/l

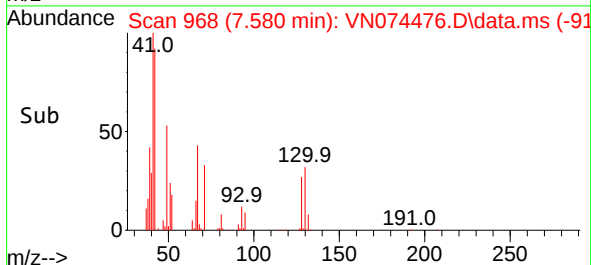
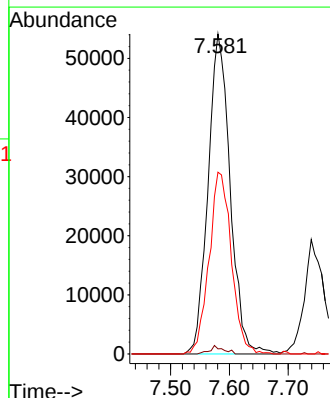
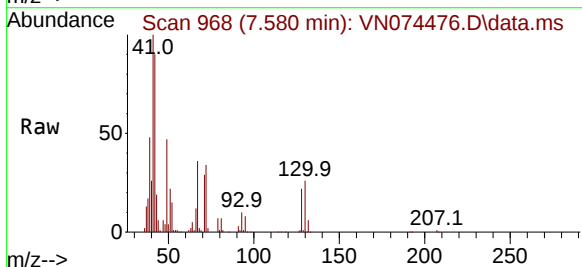
RT: 7.580 min Scan# 968

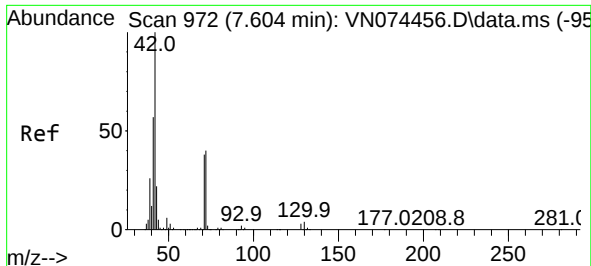
Delta R.T. -0.001 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Tgt Ion:	49	Resp:	141258
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	4.6
130	57.3	69.7	104.5





#29

Tetrahydrofuran

Concen: 242.302 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074476.D

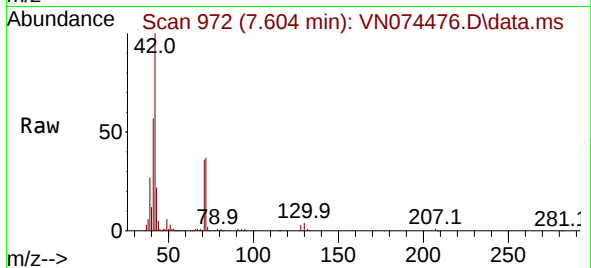
Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



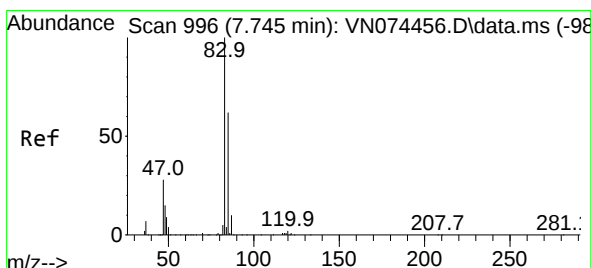
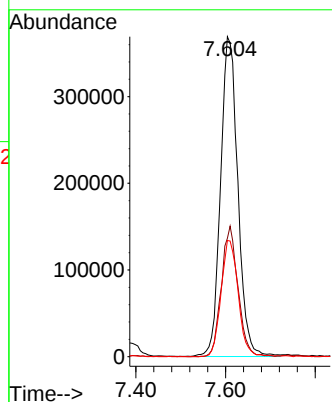
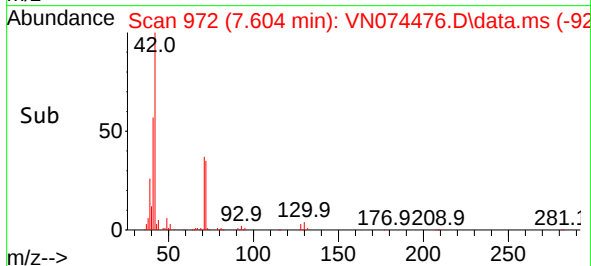
Tgt Ion:	42	Resp:	990288
Ion Ratio	100	Lower	Upper
42	100		
72	39.3	39.7	59.5
71	36.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 45.999 ug/l

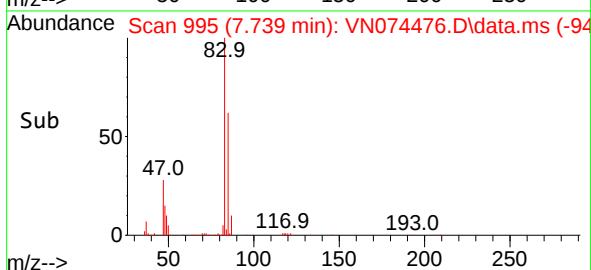
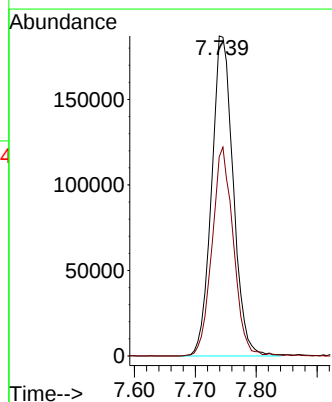
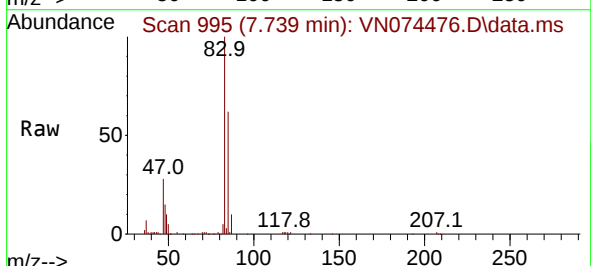
RT: 7.739 min Scan# 995

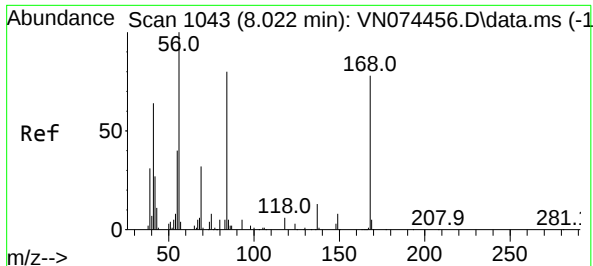
Delta R.T. -0.006 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Tgt Ion:	83	Resp:	462132
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	51.8	77.8





#31

Cyclohexane

Concen: 42.902 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 445539

Ion Ratio Lower Upper

56 100

69 28.5 27.8 41.8

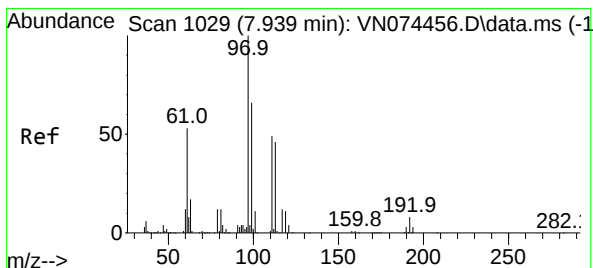
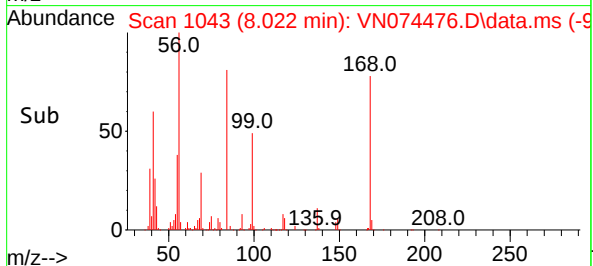
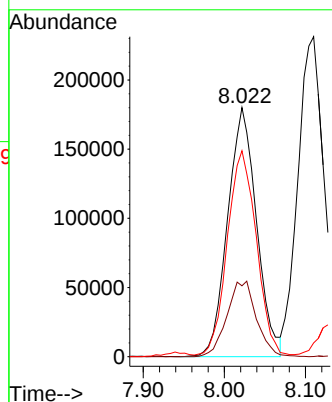
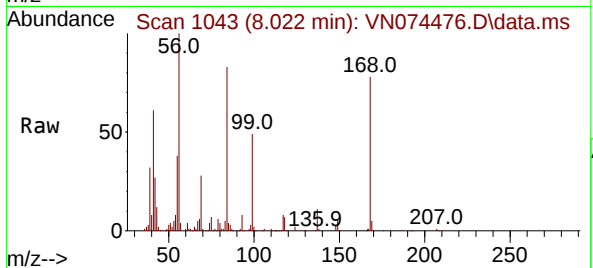
84 81.4 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#32

1,1,1-Trichloroethane

Concen: 42.520 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

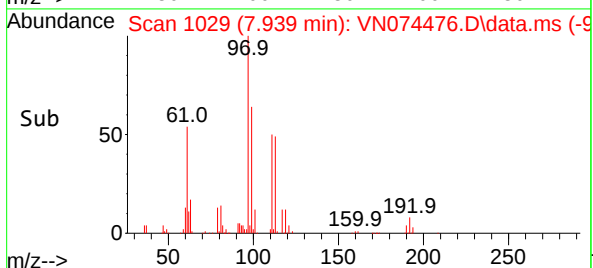
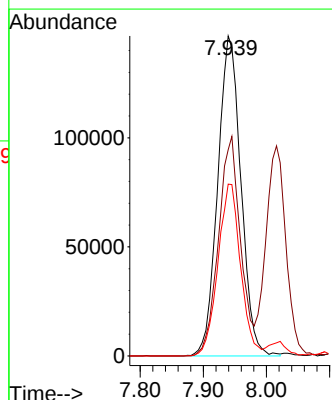
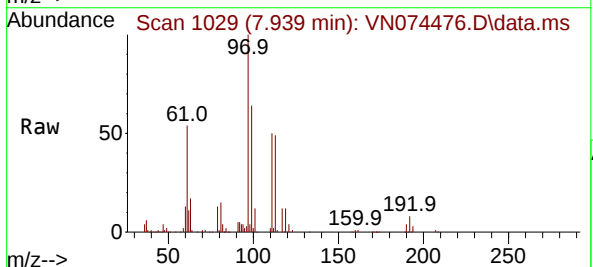
Tgt Ion: 97 Resp: 374659

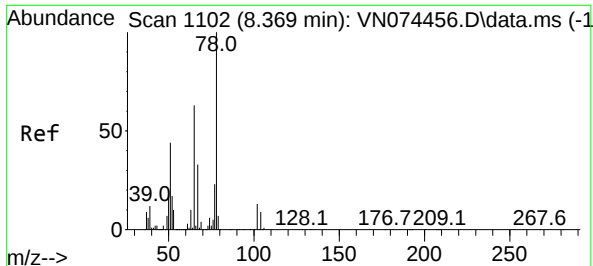
Ion Ratio Lower Upper

97 100

99 65.3 50.6 76.0

61 52.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.344 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 294552

Ion Ratio Lower Upper

65 100

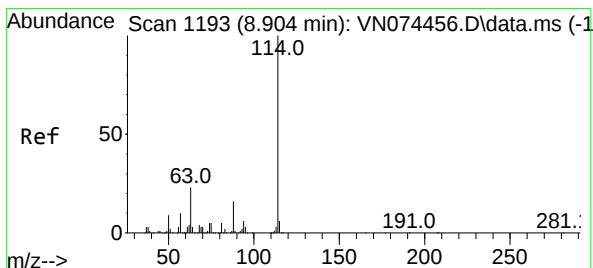
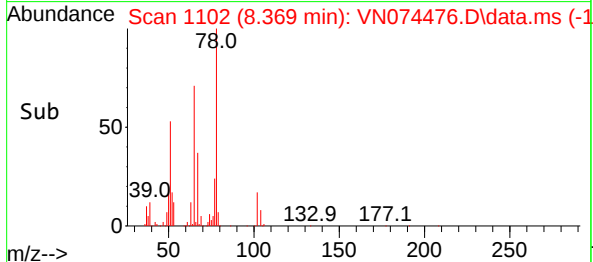
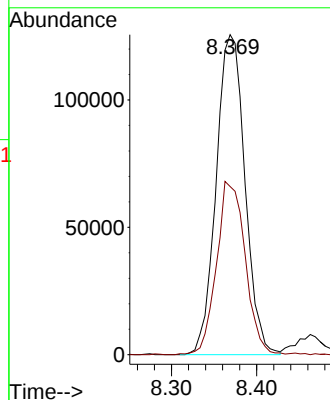
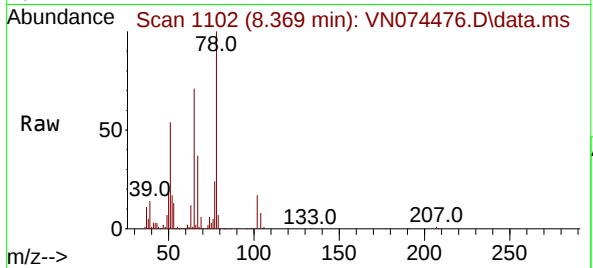
67 53.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

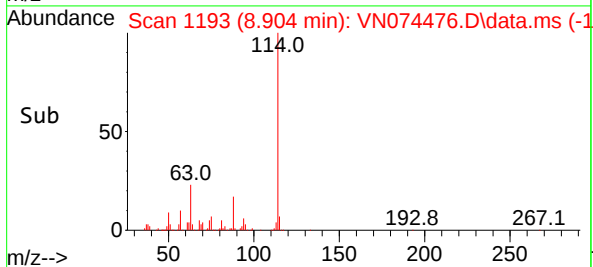
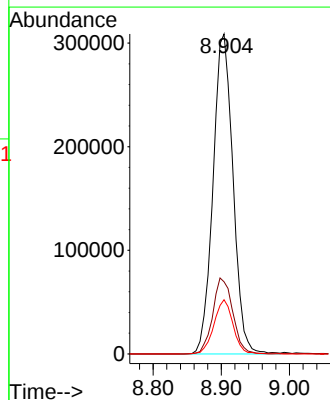
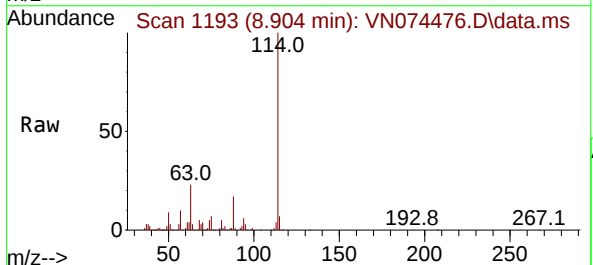
Tgt Ion:114 Resp: 630667

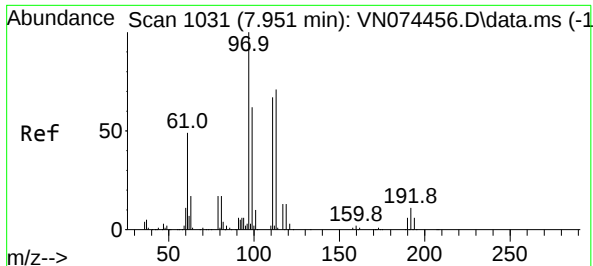
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.658 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074476.D

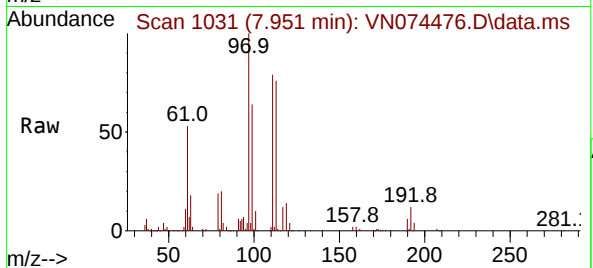
Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 22479

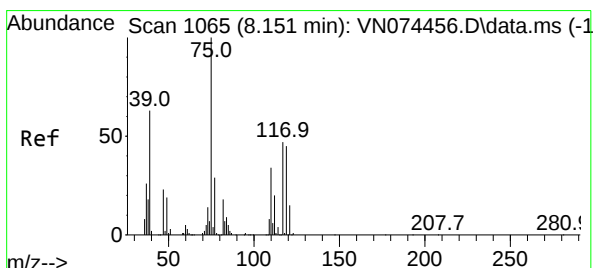
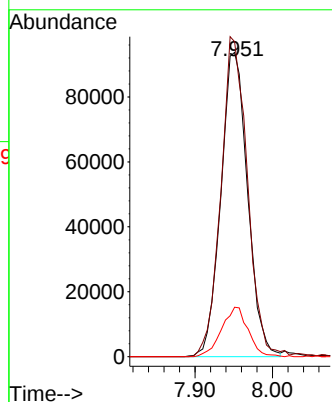
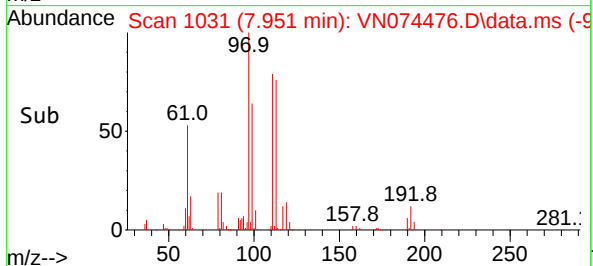
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.0
192	16.1	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 43.780 ug/l

RT: 8.157 min Scan# 1066

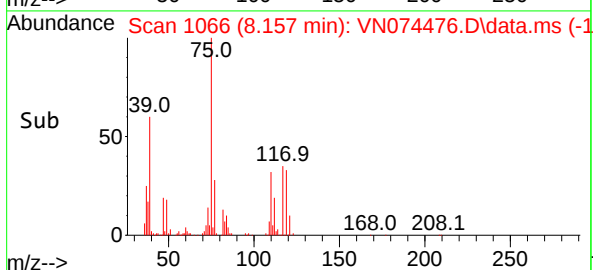
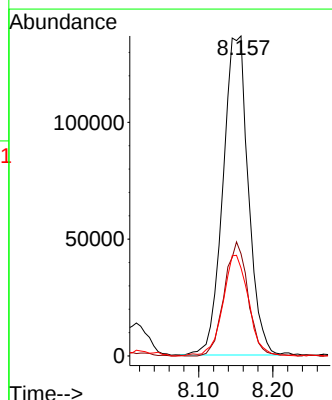
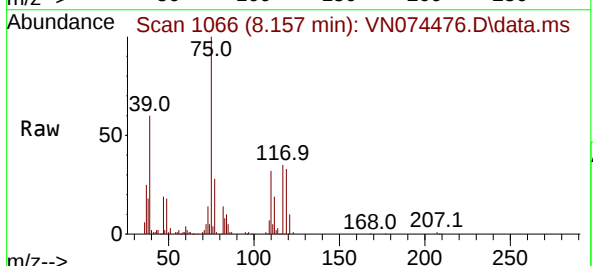
Delta R.T. 0.006 min

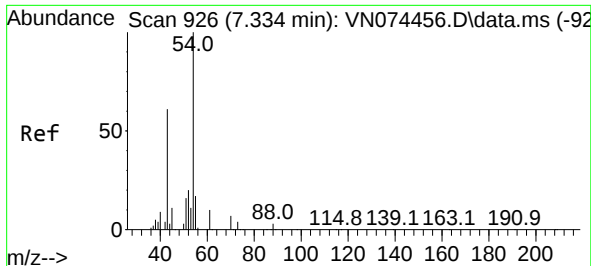
Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Tgt Ion: 75 Resp: 324648

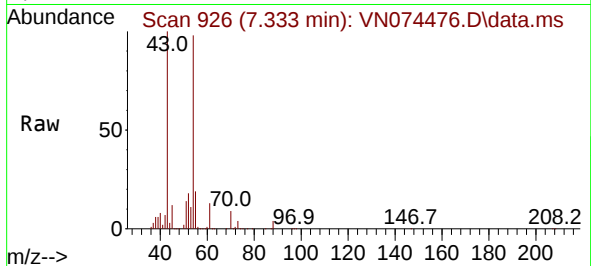
Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.3	54.8
77	31.9	25.1	37.7





#37
Ethyl Acetate
Concen: 49.245 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

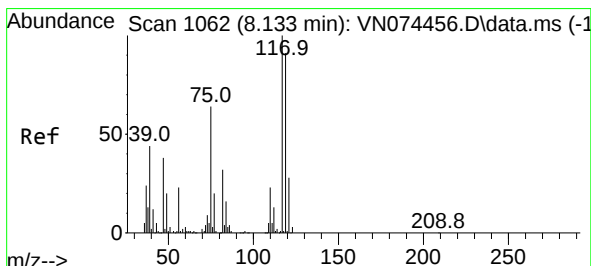
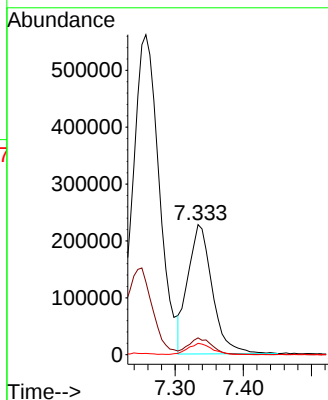
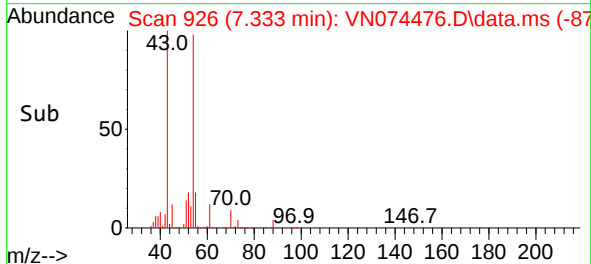
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 563950
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 8.7 9.3 13.9

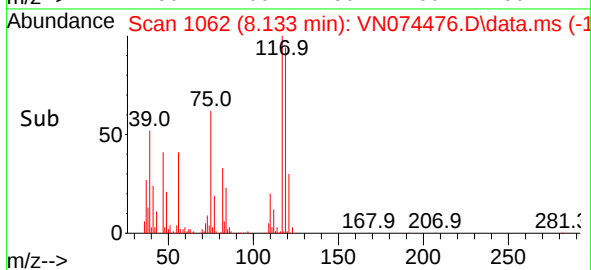
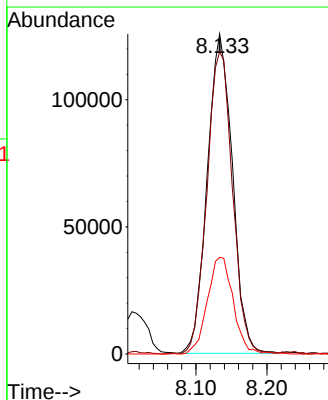
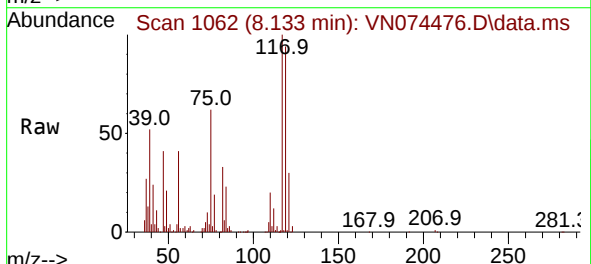
Manual Integrations
APPROVED

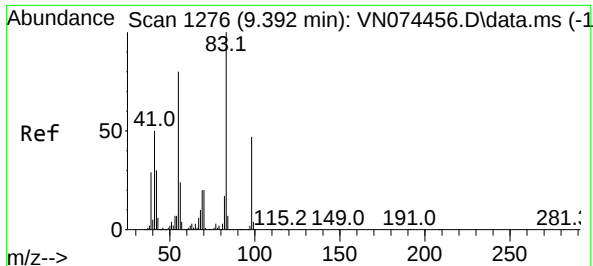
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#38
Carbon Tetrachloride
Concen: 45.209 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Tgt Ion:117 Resp: 309522
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 46.202 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074476.D

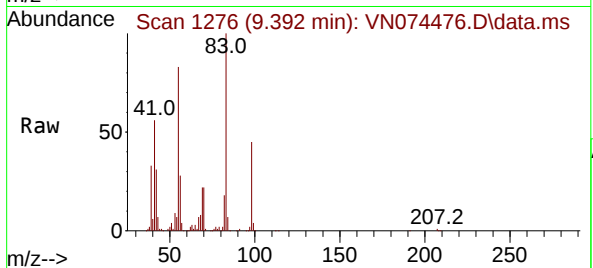
Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



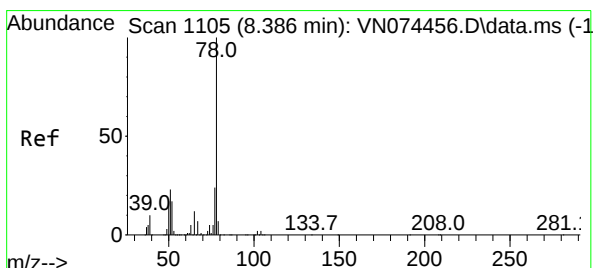
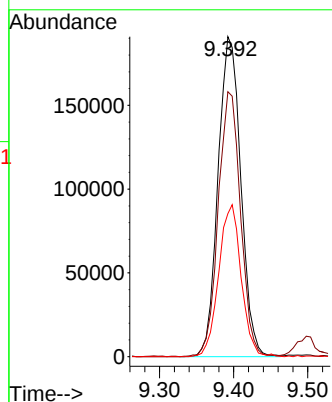
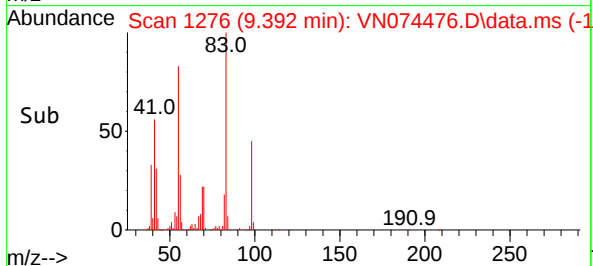
Tgt Ion:	83	Resp:	407390
Ion	Ratio	Lower	Upper
83	100		
55	82.8	57.8	86.8
98	44.7	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 47.654 ug/l

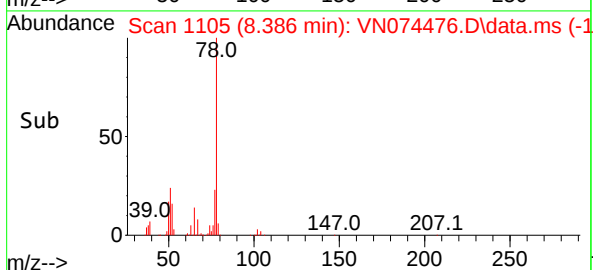
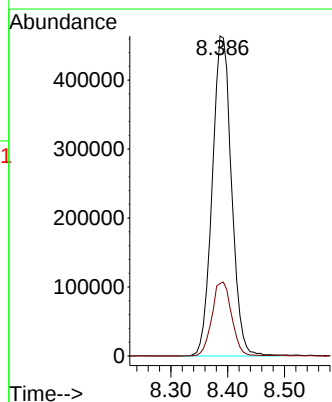
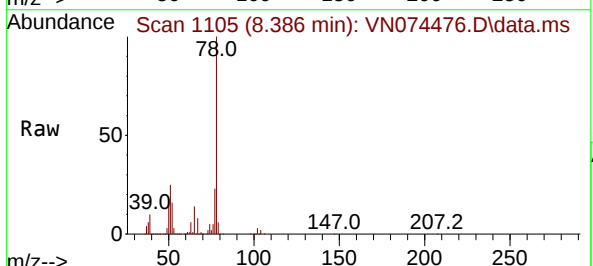
RT: 8.386 min Scan# 1105

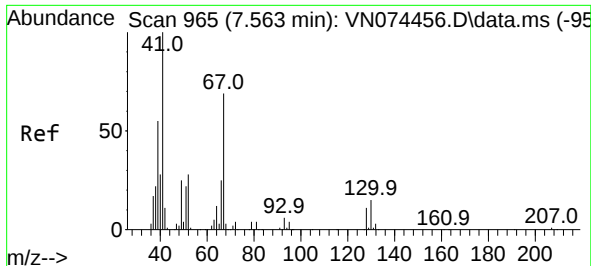
Delta R.T. 0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

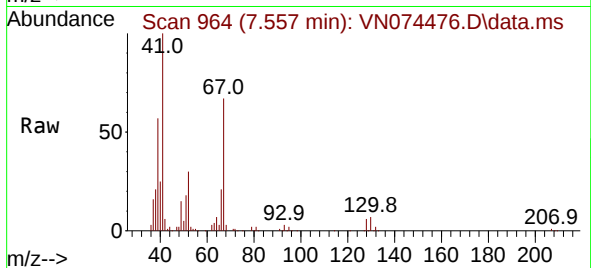
Tgt Ion:	78	Resp:	1092715
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





#41
Methacrylonitrile
Concen: 47.101 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

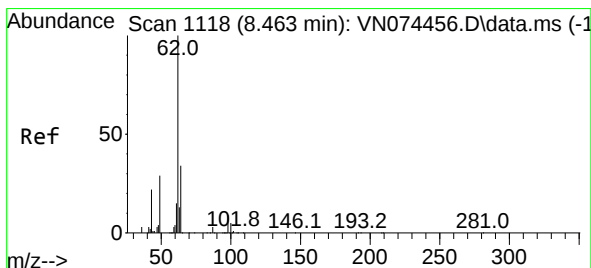
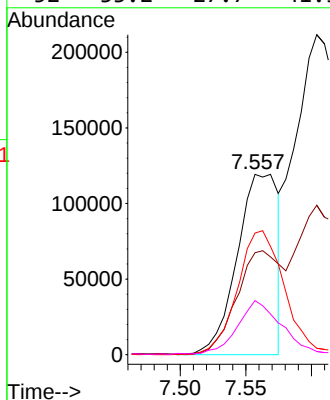
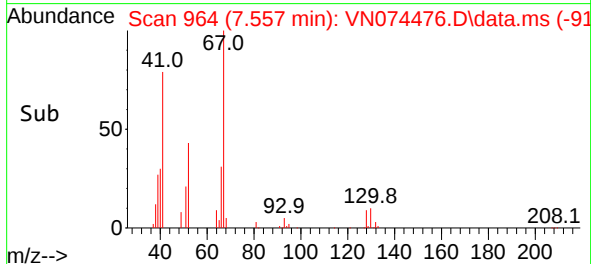
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 260778
Ion Ratio Lower Upper
41 100
39 64.8 48.6 73.0
67 78.9 73.4 110.2
52 33.2 27.7 41.5

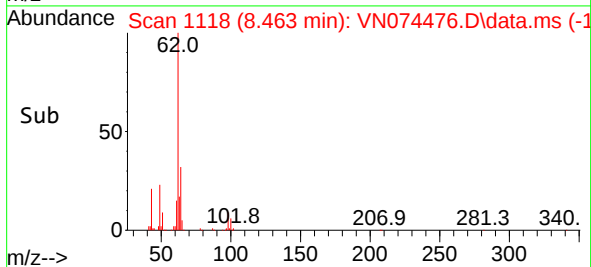
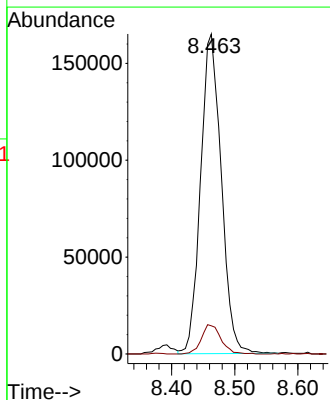
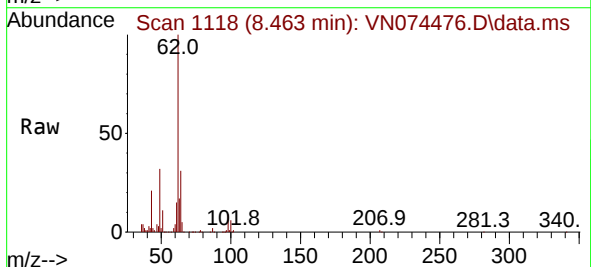
Manual Integrations
APPROVED

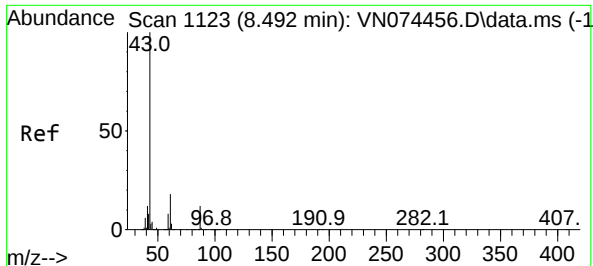
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 47.678 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

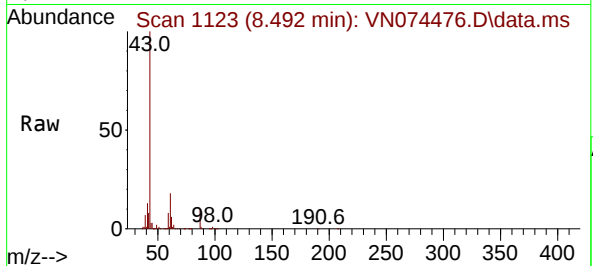
Tgt Ion: 62 Resp: 375175
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 49.537 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

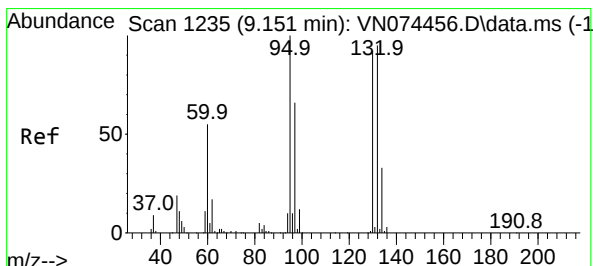
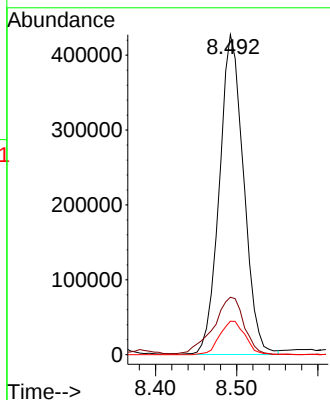
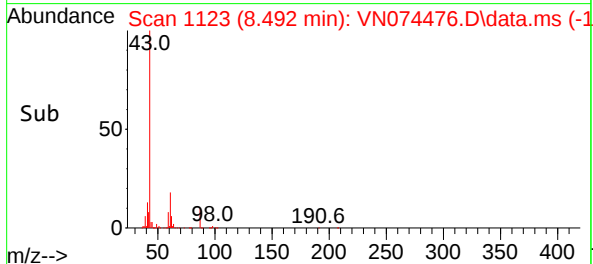
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 888590
Ion Ratio Lower Upper
43 100
61 22.9 21.9 32.9
87 11.0 12.0 18.0

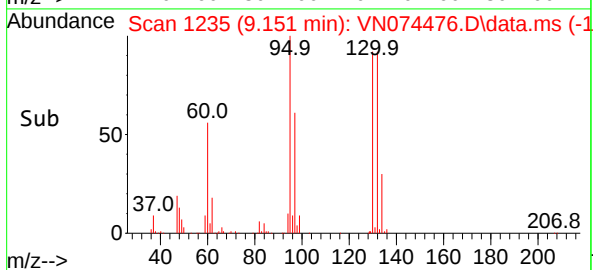
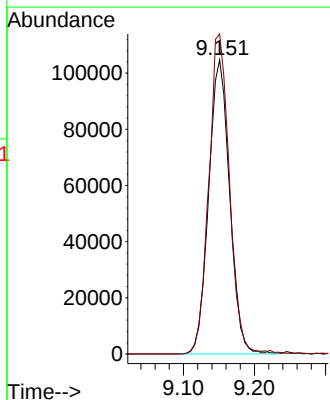
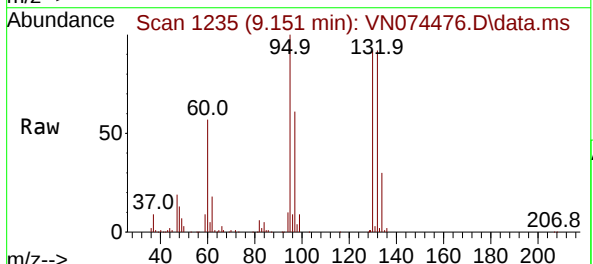
Manual Integrations
APPROVED

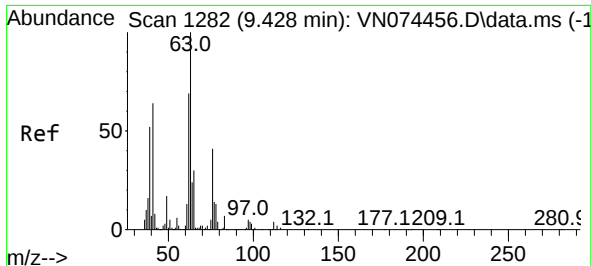
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 43.406 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Tgt Ion:130 Resp: 215371
Ion Ratio Lower Upper
130 100
95 108.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.447 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 29900

Ion Ratio Lower Upper

63 100

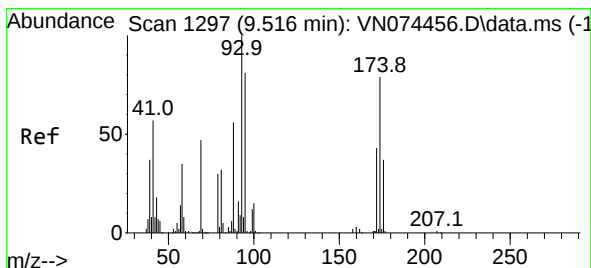
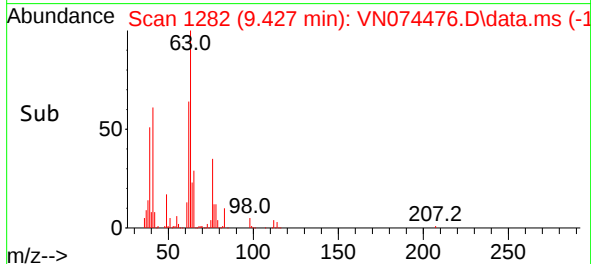
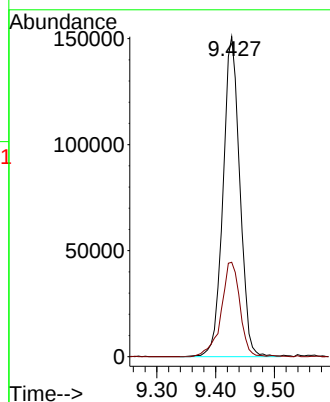
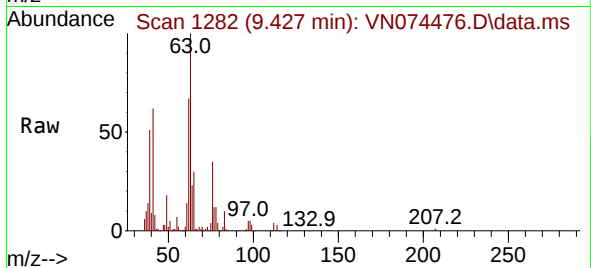
65 29.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 46.237 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

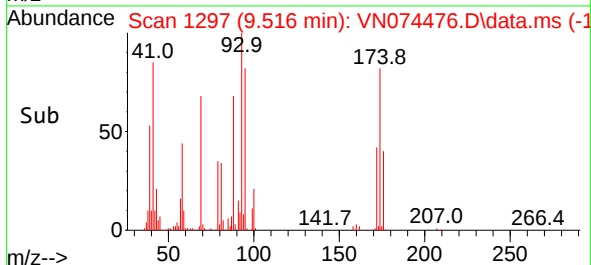
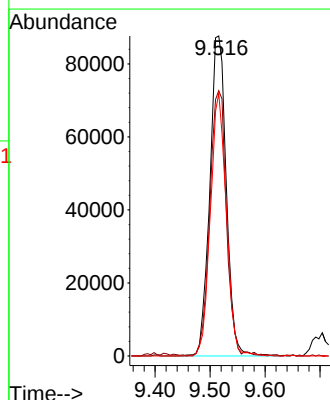
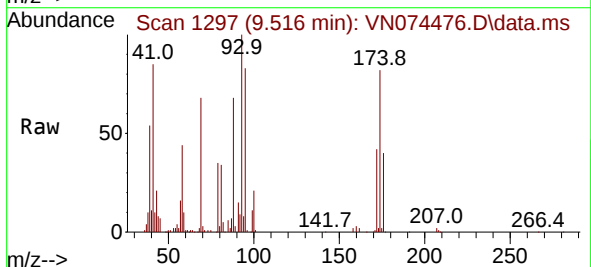
Tgt Ion: 93 Resp: 182492

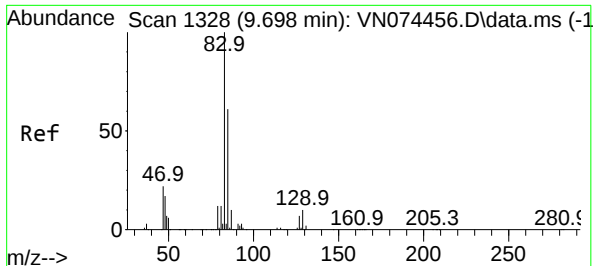
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

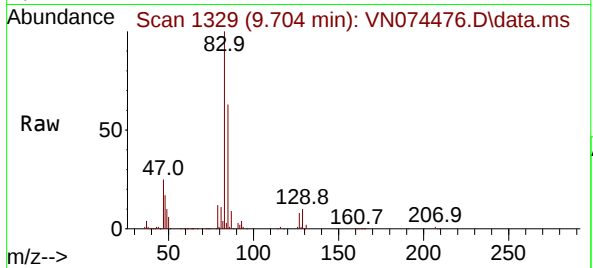
174 79.1 86.6 130.0#





#47
Bromodichloromethane
Concen: 46.739 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

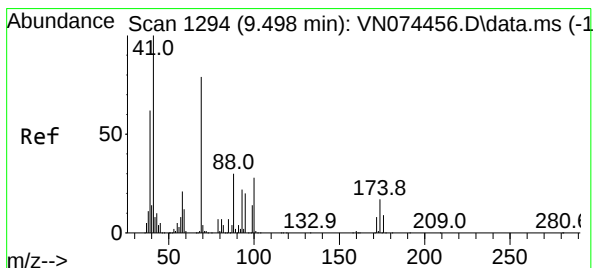
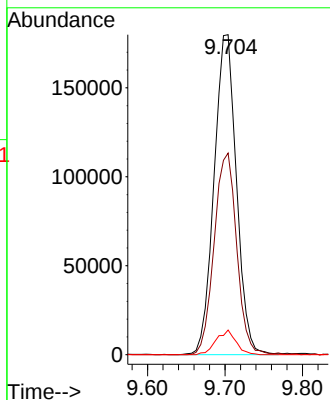
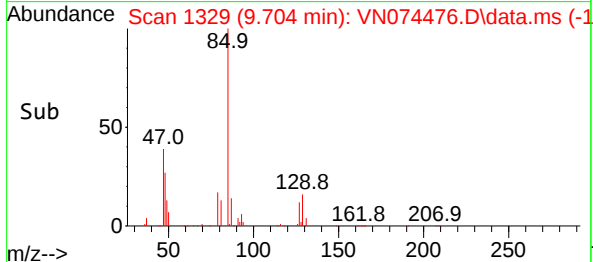
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



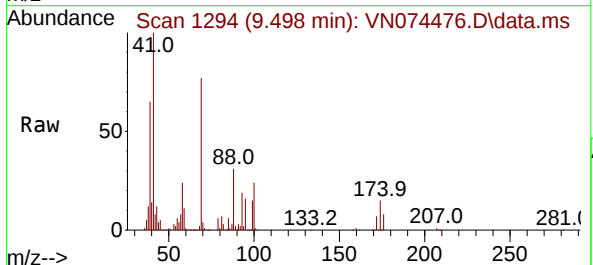
Tgt Ion: 83 Resp: 36166
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 7.7 6.8 10.2

Manual Integrations
APPROVED

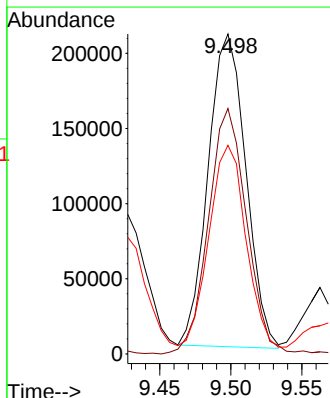
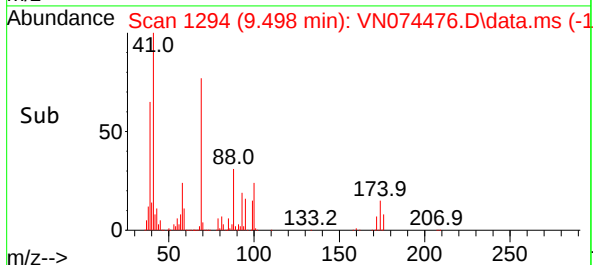
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

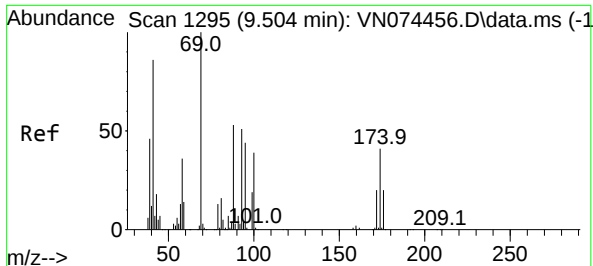


#48
Methyl methacrylate
Concen: 48.226 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



Tgt Ion: 41 Resp: 383584
Ion Ratio Lower Upper
41 100
69 80.0 74.7 112.1
39 68.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1001.371 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 153129

Ion Ratio Lower Upper

88 100

43 35.6 20.2 30.4

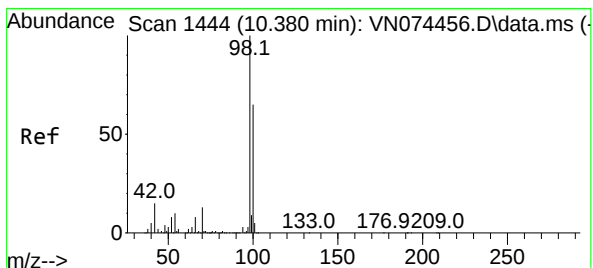
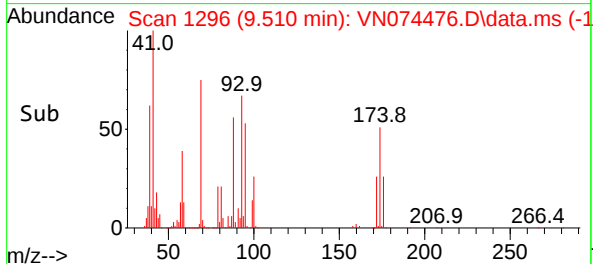
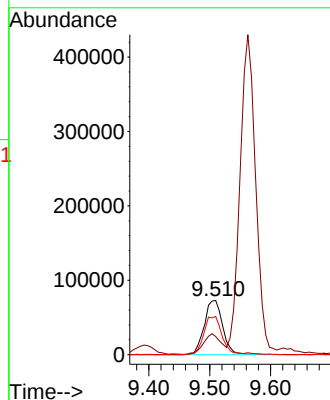
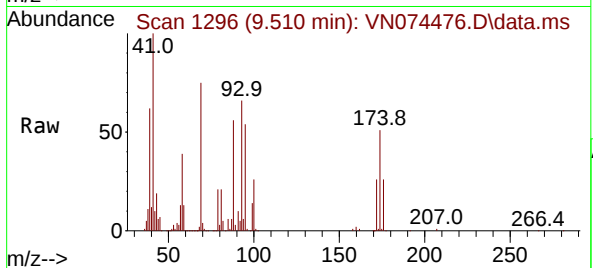
58 68.9 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 53.524 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074476.D

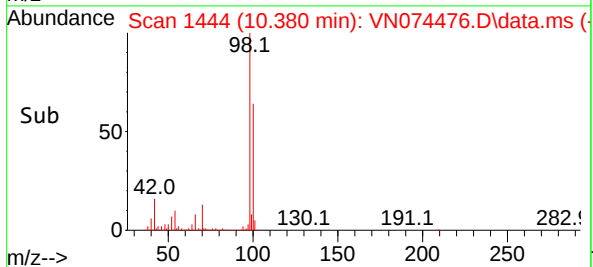
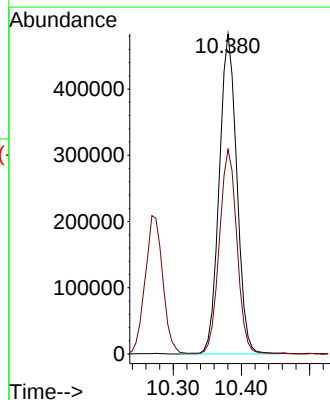
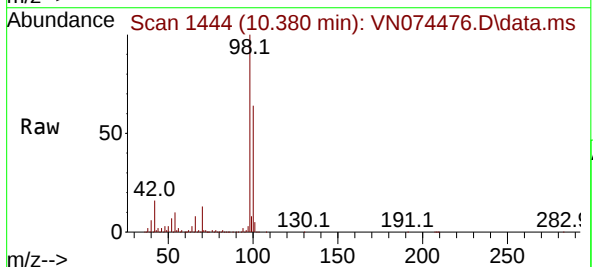
Acq: 15 Sep 2022 21:13

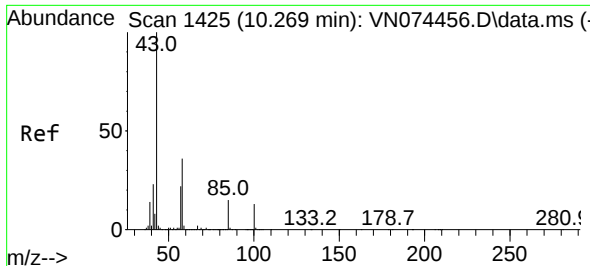
Tgt Ion: 98 Resp: 867199

Ion Ratio Lower Upper

98 100

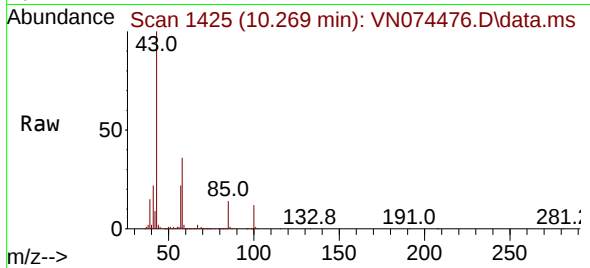
100 64.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 258.964 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

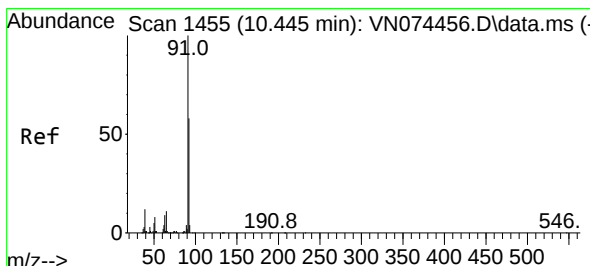
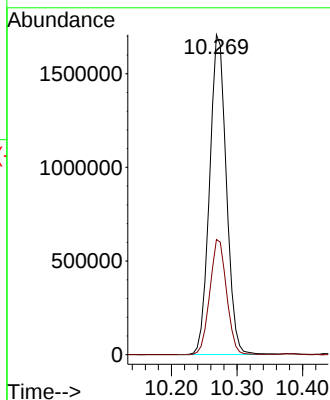
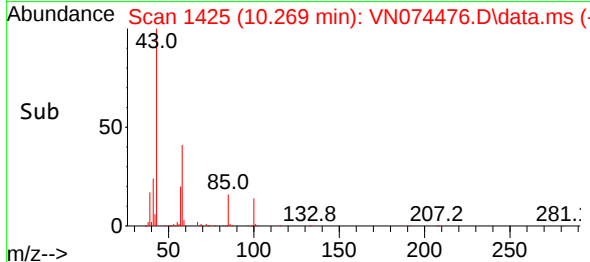
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



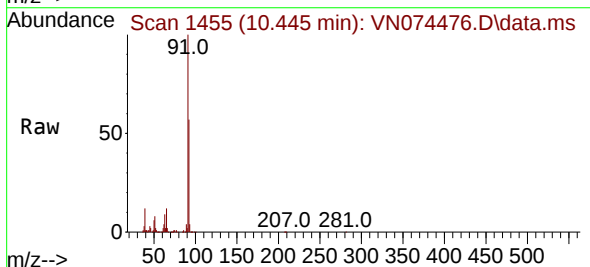
Tgt Ion: 43 Resp: 303348
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1

Manual Integrations
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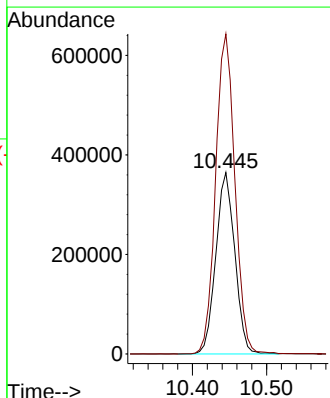
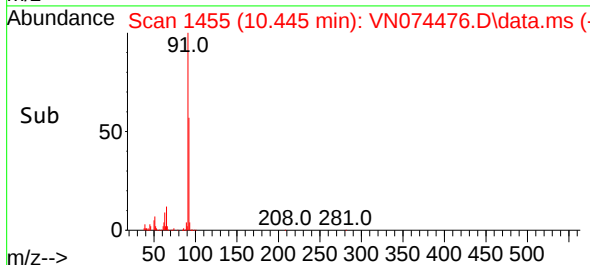
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

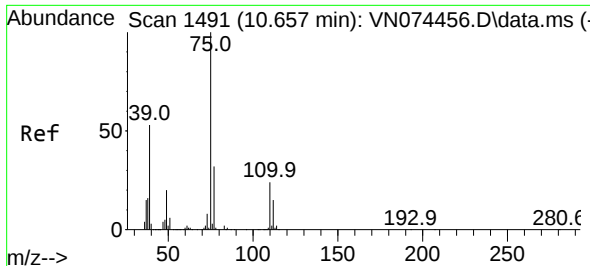


#52
Toluene
Concen: 48.253 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



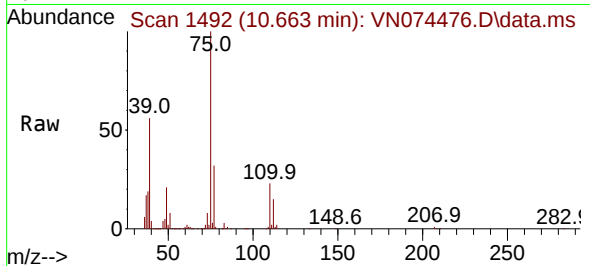
Tgt Ion: 92 Resp: 648827
Ion Ratio Lower Upper
92 100
91 179.0 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 47.492 ug/l
 RT: 10.663 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: VN074476.D
 Acq: 15 Sep 2022 21:13

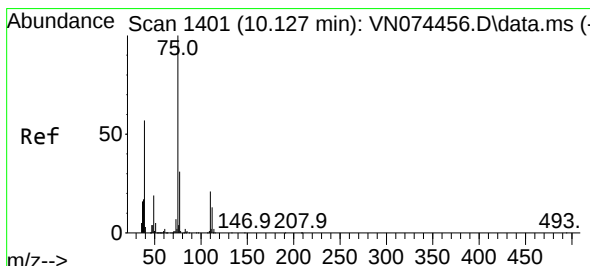
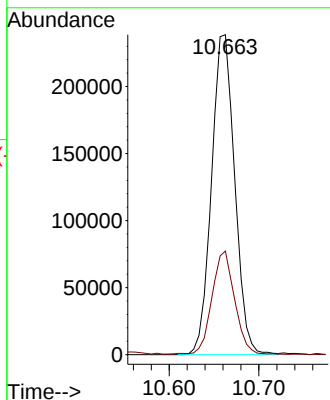
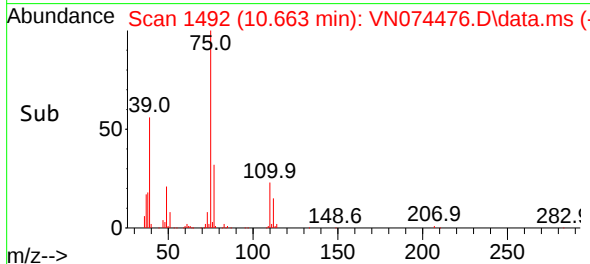
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 428307
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4

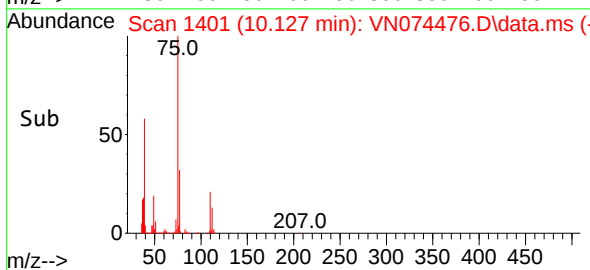
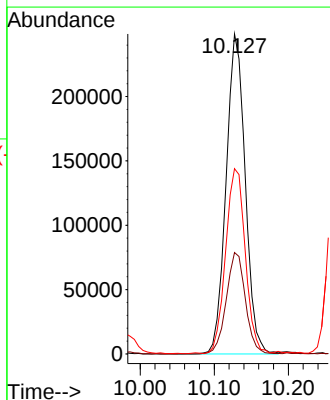
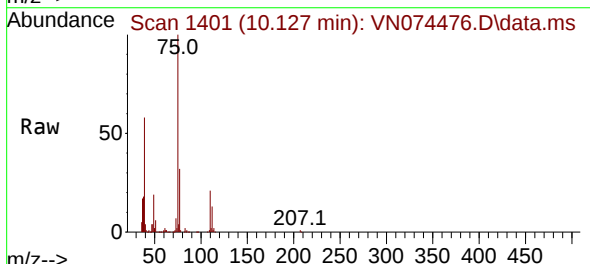
Manual Integrations
 APPROVED

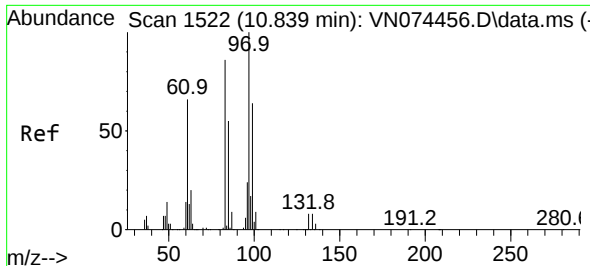
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 46.164 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074476.D
 Acq: 15 Sep 2022 21:13

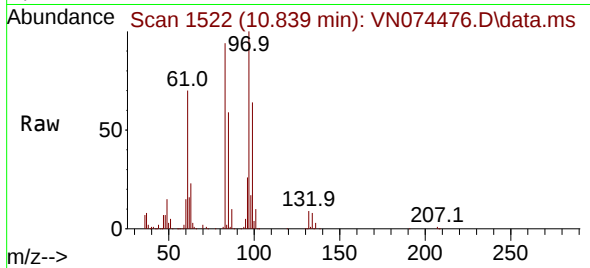
Tgt Ion: 75 Resp: 445534
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 57.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 46.654 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

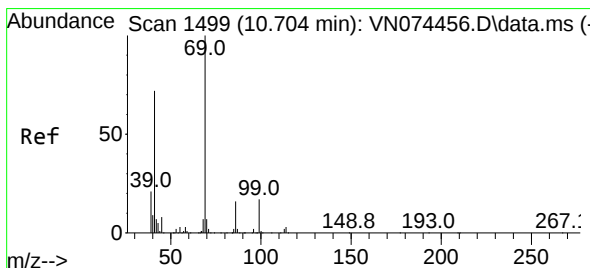
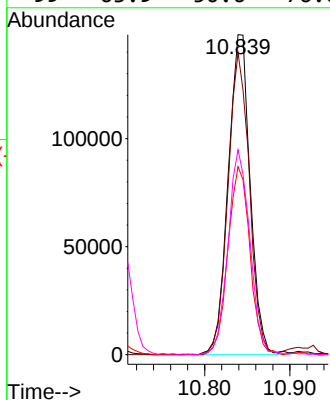
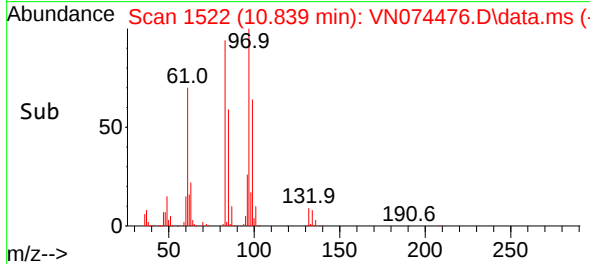


Tgt Ion: 97 Resp: 265723

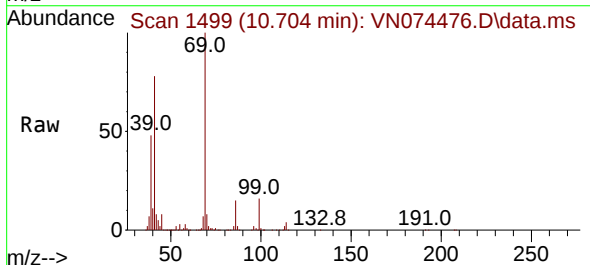
Ion	Ratio	Lower	Upper
97	100		
83	94.3	66.2	99.4
85	58.8	43.9	65.9
99	63.9	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

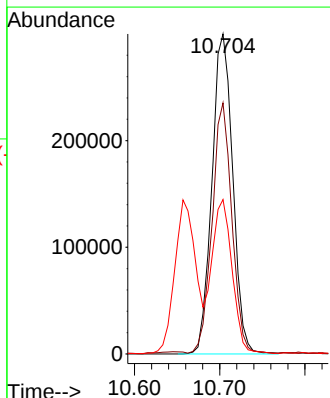
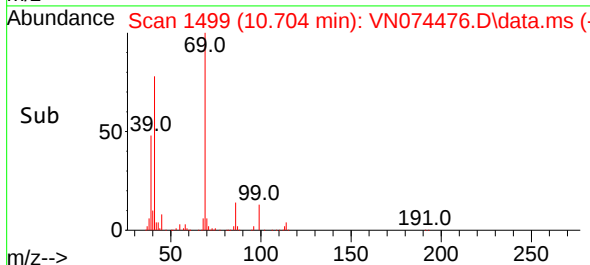


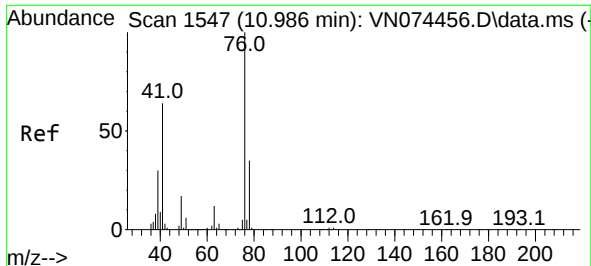
#56
Ethyl methacrylate
Concen: 50.075 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



Tgt Ion: 69 Resp: 509464

Ion	Ratio	Lower	Upper
69	100		
41	74.3	47.8	71.6#
39	47.0	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 48.096 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074476.D

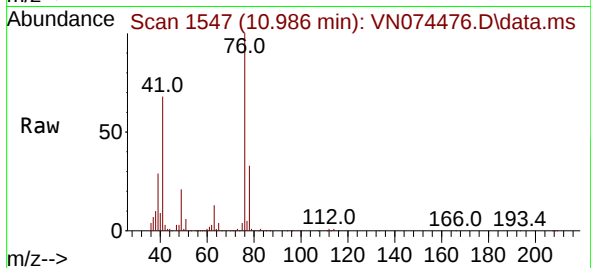
Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 480292

Ion Ratio Lower Upper

76 100

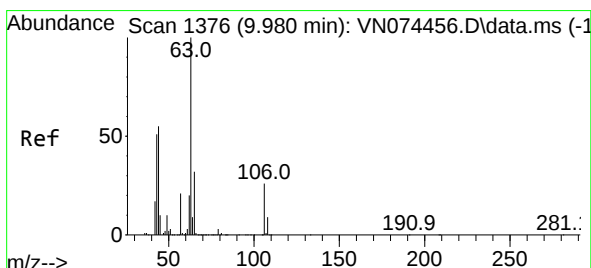
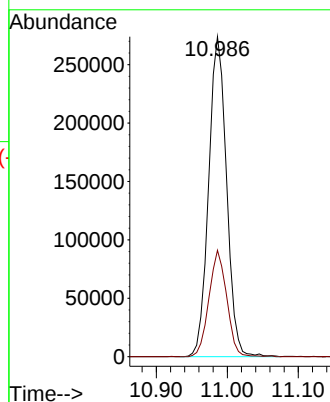
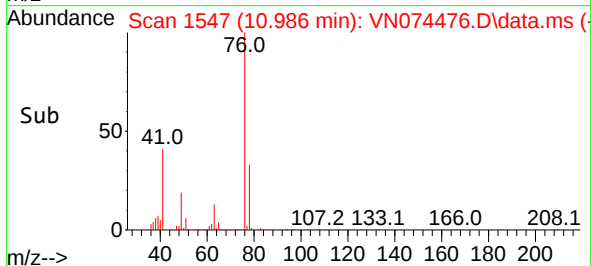
78 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 249.423 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074476.D

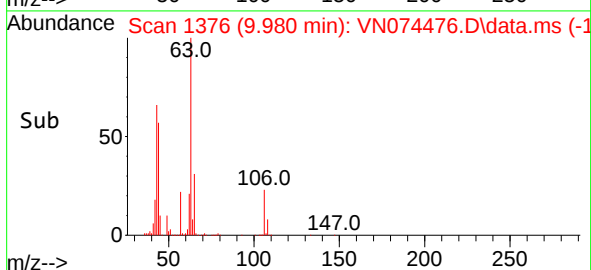
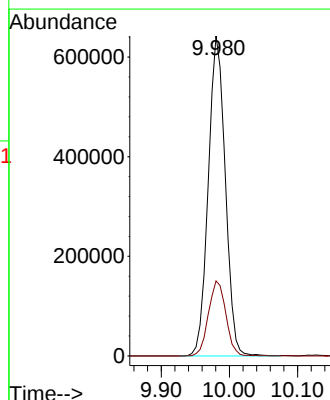
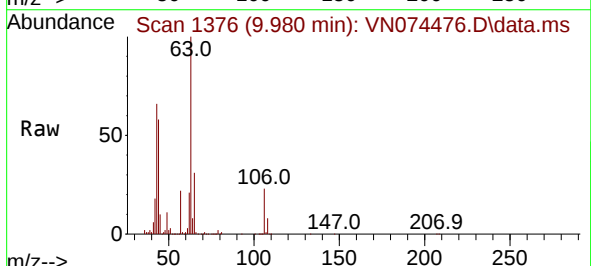
Acq: 15 Sep 2022 21:13

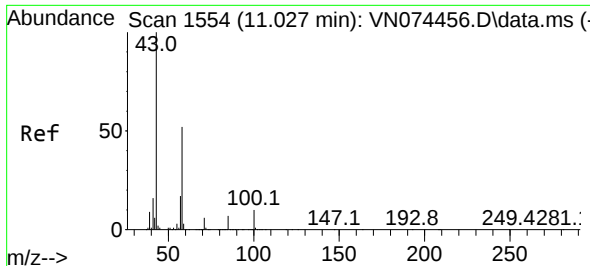
Tgt Ion: 63 Resp: 1116797

Ion Ratio Lower Upper

63 100

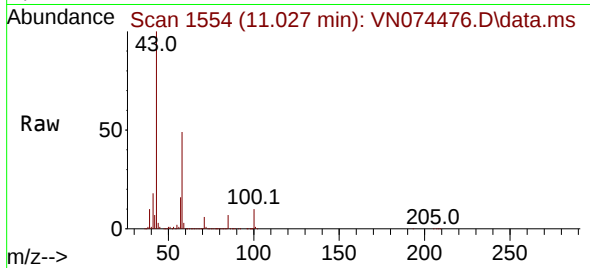
106 24.0 24.6 36.8





#59
2-Hexanone
Concen: 264.490 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

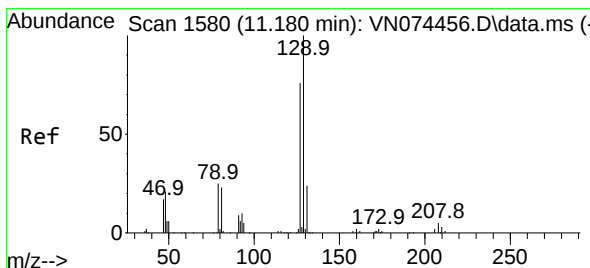
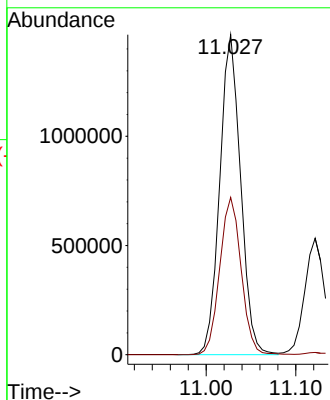
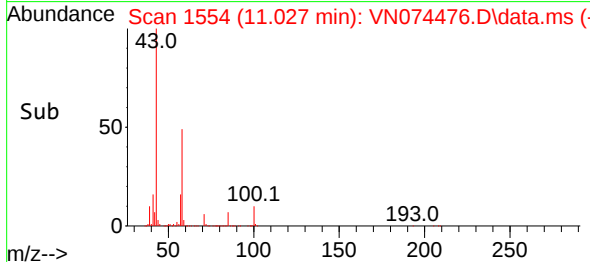
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2365139
Ion Ratio Lower Upper
43 100
58 50.4 29.7 89.1

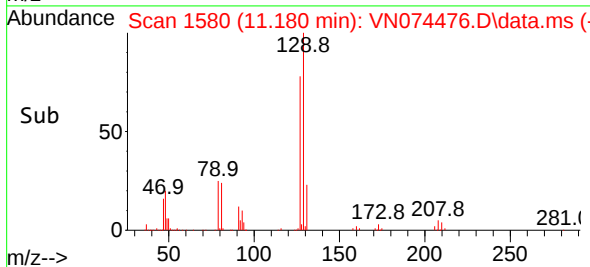
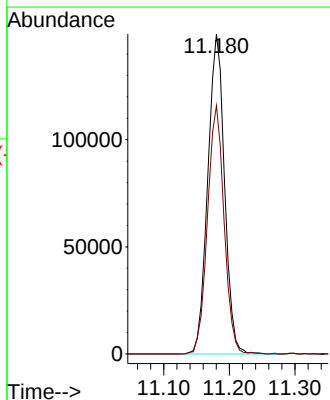
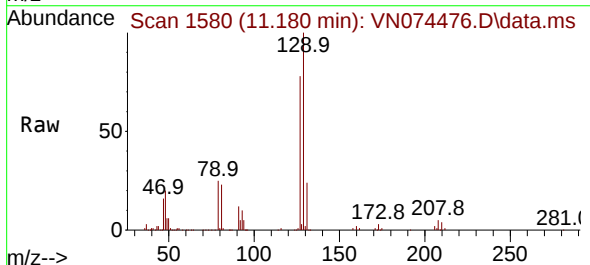
Manual Integrations
APPROVED

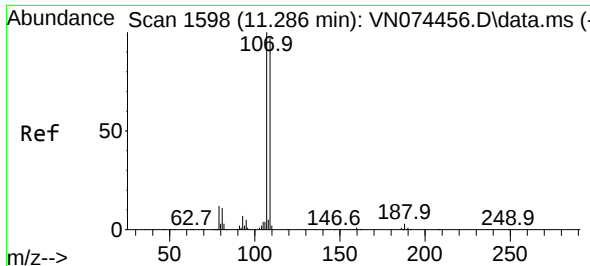
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 48.483 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

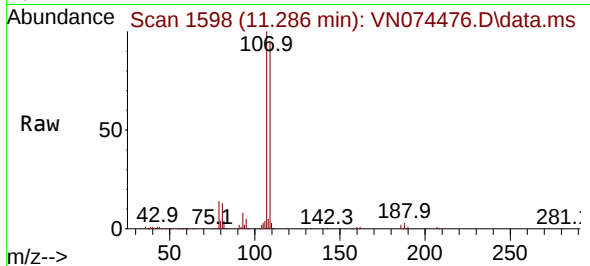
Tgt Ion:129 Resp: 264353
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.988 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

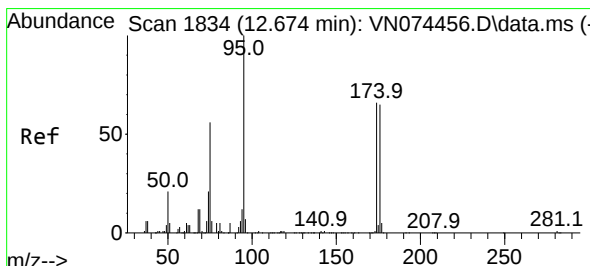
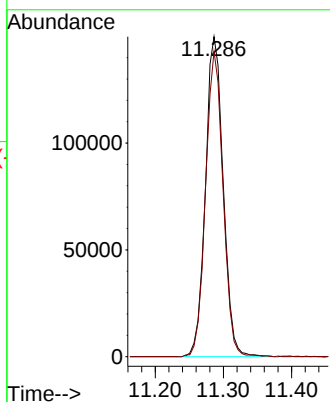
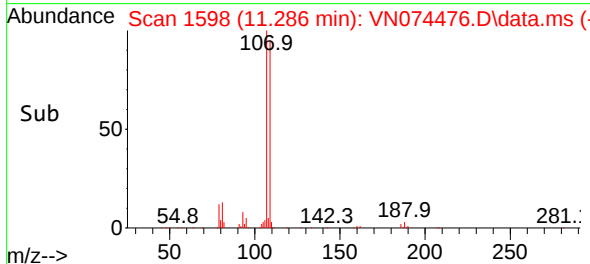
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



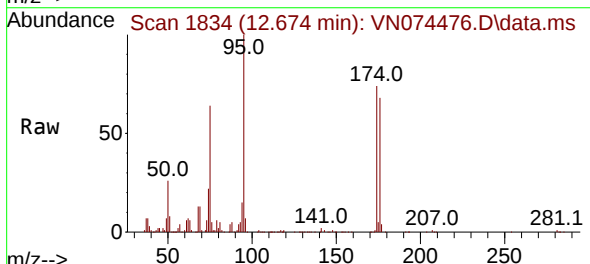
Tgt Ion:107 Resp: 271060
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

Manual Integrations
APPROVED

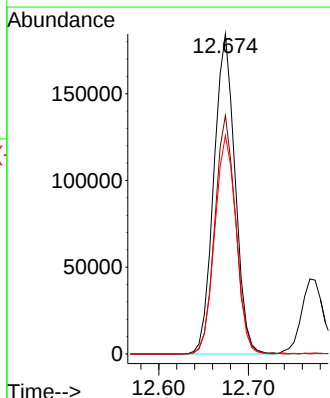
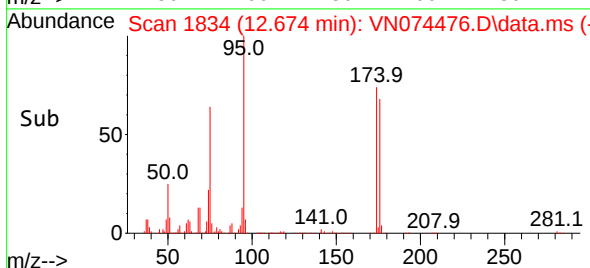
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

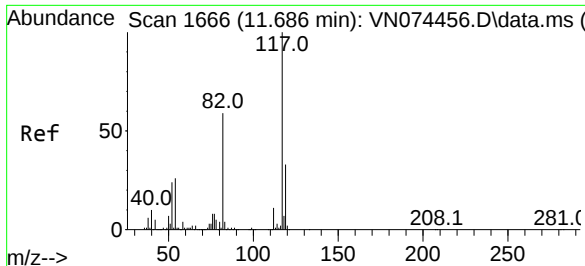


#62
4-Bromofluorobenzene
Concen: 54.564 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



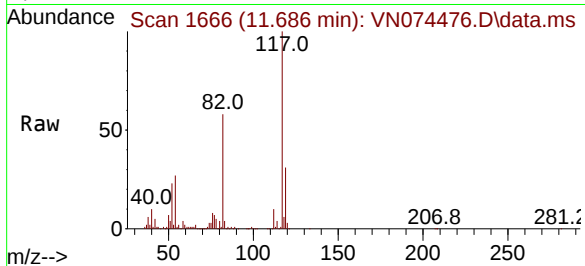
Tgt Ion: 95 Resp: 302783
Ion Ratio Lower Upper
95 100
174 73.0 0.0 167.6
176 69.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

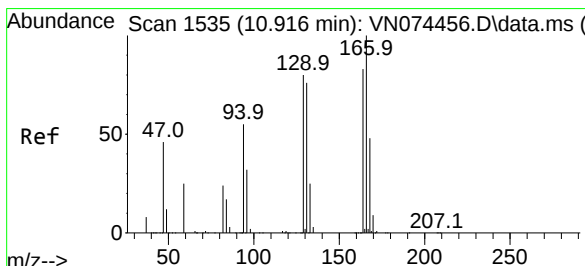
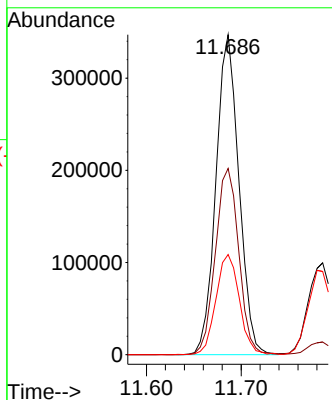
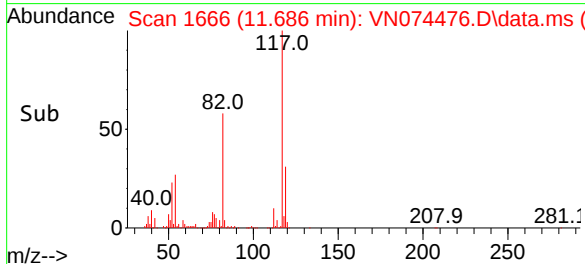
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



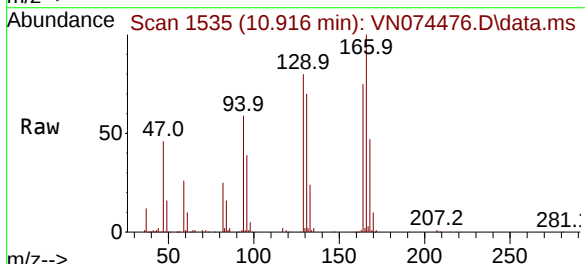
Tgt Ion:117 Resp: 585629
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 31.2 25.4 38.0

Manual Integrations
APPROVED

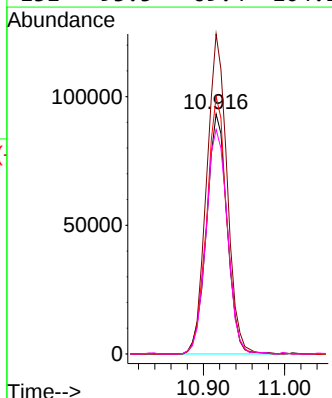
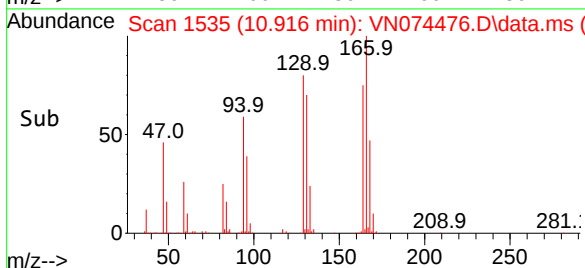
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

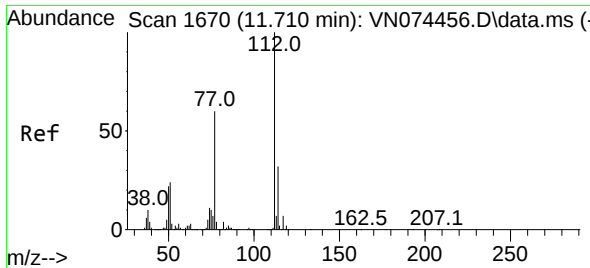


#64
Tetrachloroethene
Concen: 40.683 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



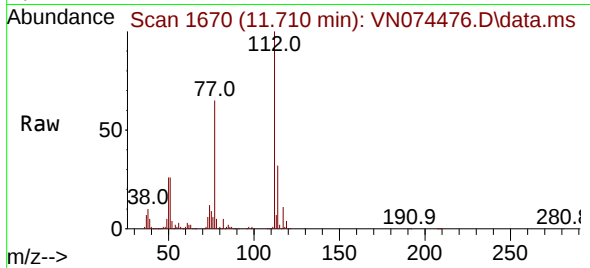
Tgt Ion:164 Resp: 163506
Ion Ratio Lower Upper
164 100
166 133.3 104.2 156.2
129 107.2 73.9 110.9
131 93.5 69.4 104.2





#65
Chlorobenzene
Concen: 45.089 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

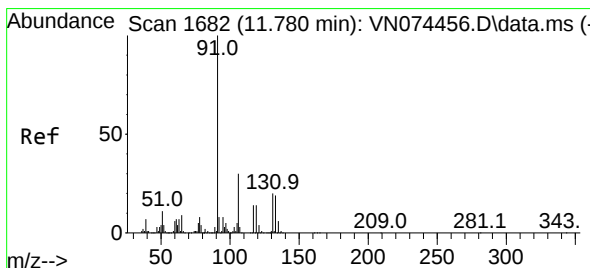
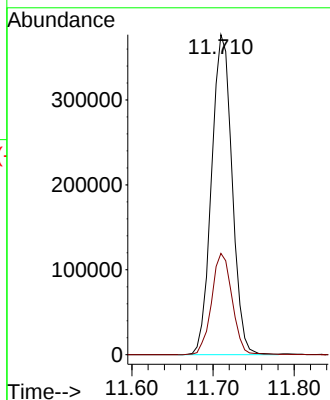
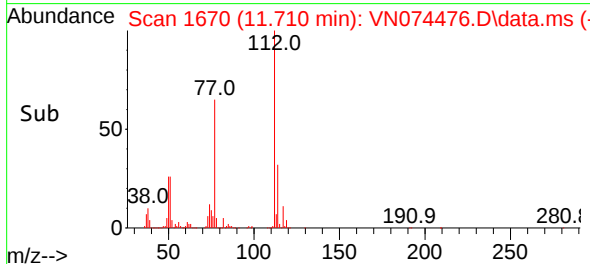
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



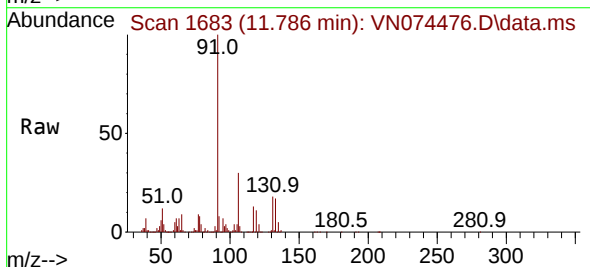
Tgt Ion:112 Resp: 662899
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

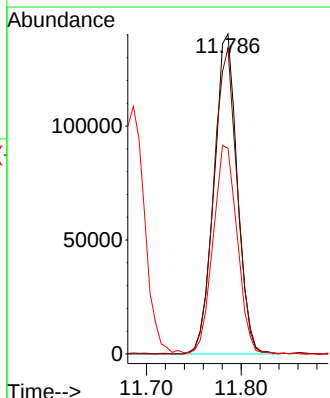
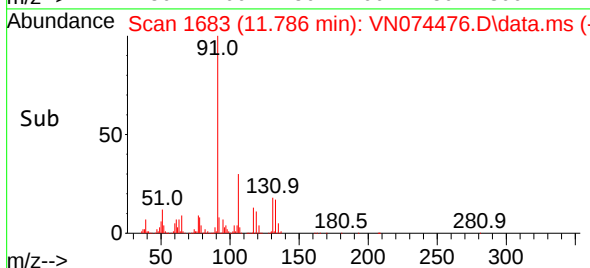
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

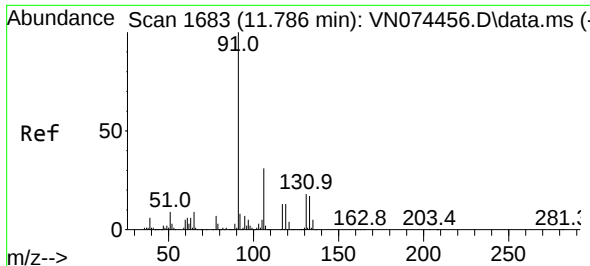


#66
1,1,1,2-Tetrachloroethane
Concen: 44.766 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



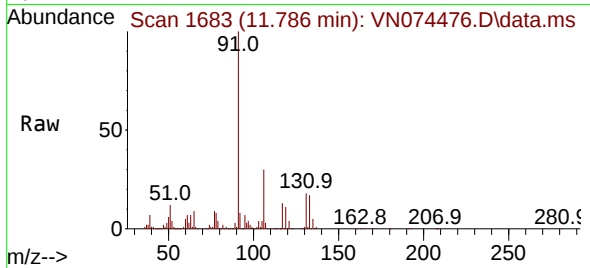
Tgt Ion:131 Resp: 239121
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 67.9 33.4 100.2





#67
Ethyl Benzene
Concen: 47.072 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

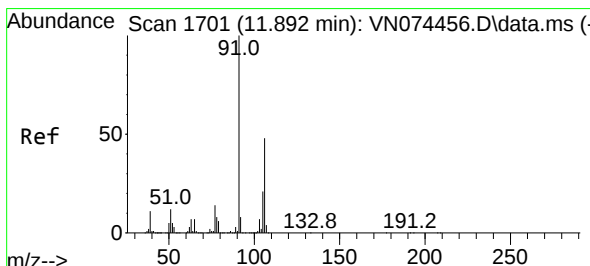
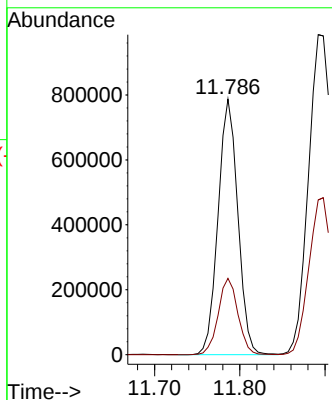
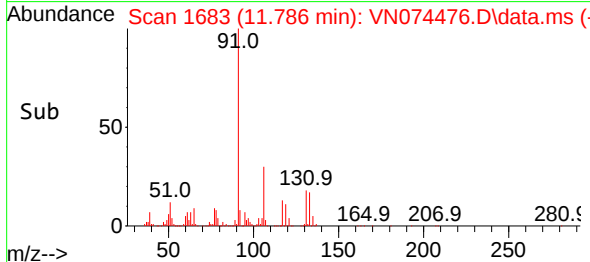
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



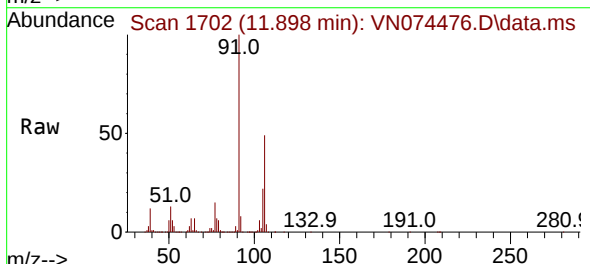
Tgt Ion: 91 Resp: 127058
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

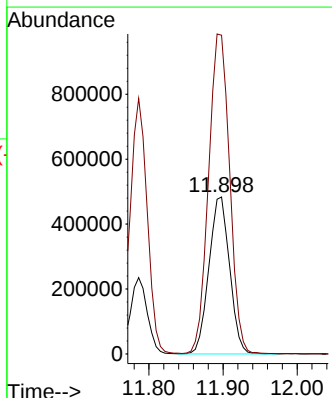
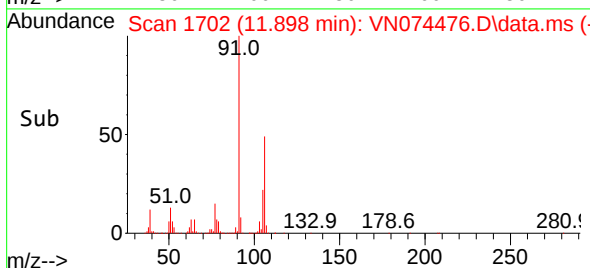
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

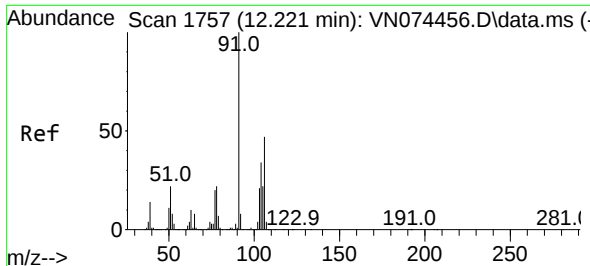


#68
m/p-Xylenes
Concen: 93.811 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



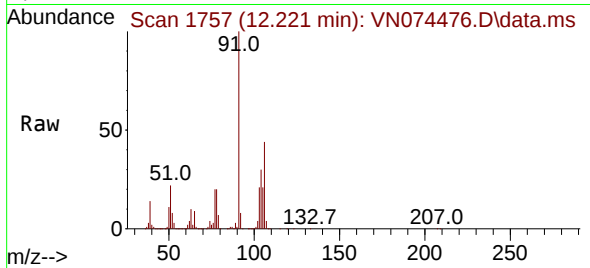
Tgt Ion:106 Resp: 936223
Ion Ratio Lower Upper
106 100
91 208.1 158.9 238.3





#69
o-Xylene
Concen: 47.231 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

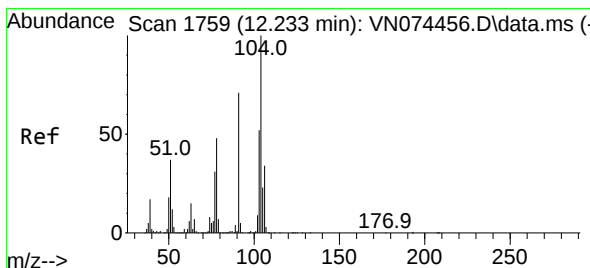
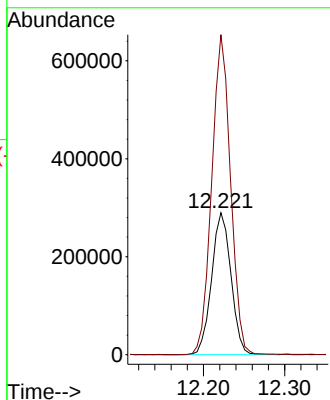
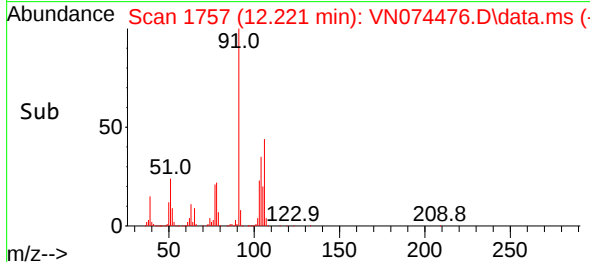
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



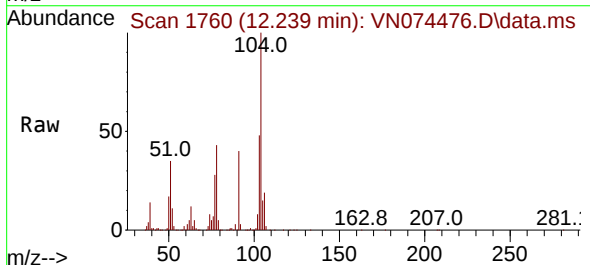
Tgt Ion:106 Resp: 480599
Ion Ratio Lower Upper
106 100
91 219.4 106.0 318.0

Manual Integrations
APPROVED

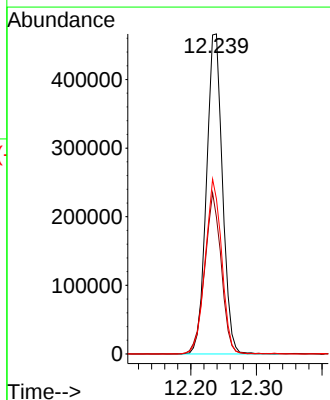
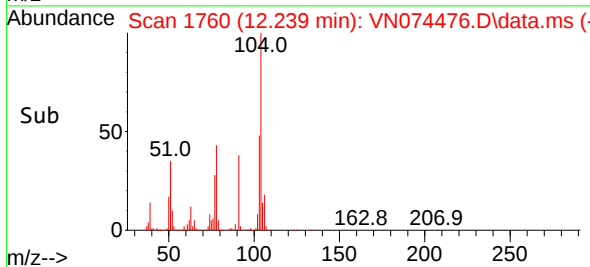
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

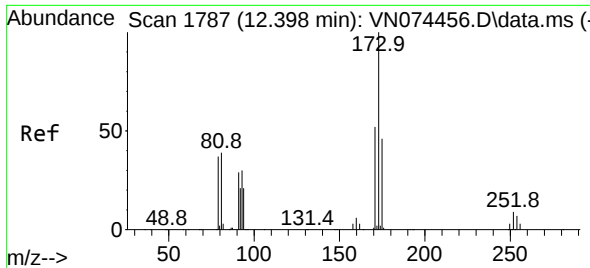


#70
Styrene
Concen: 46.833 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



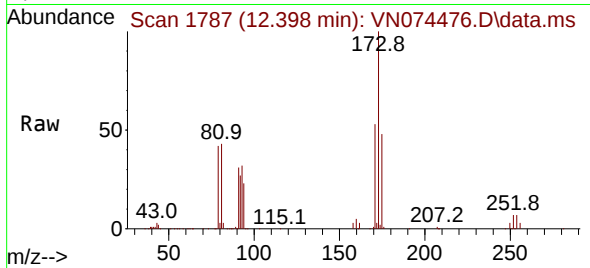
Tgt Ion:104 Resp: 792704
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 56.1 44.0 66.0





#71
Bromoform
Concen: 47.701 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

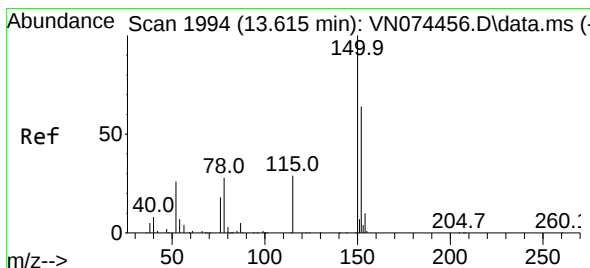
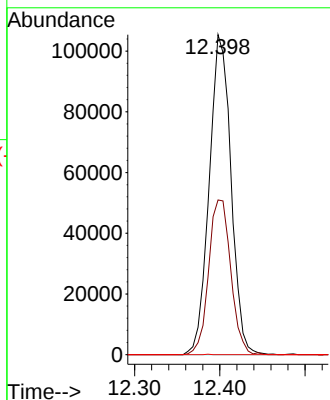
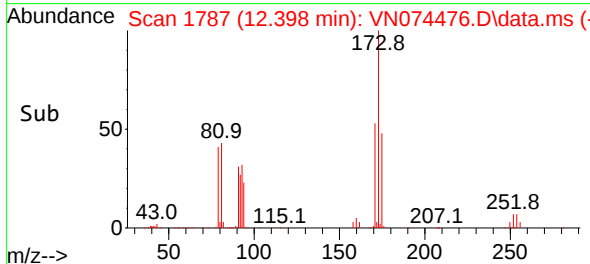
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



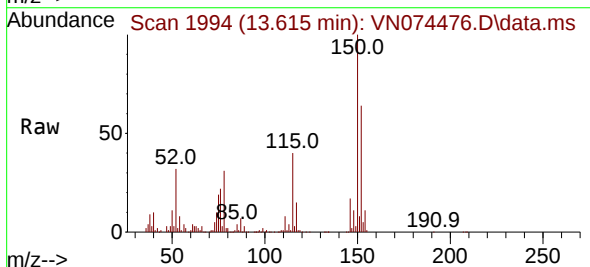
Tgt Ion:173 Resp: 18727
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

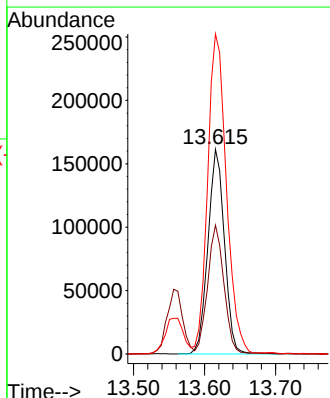
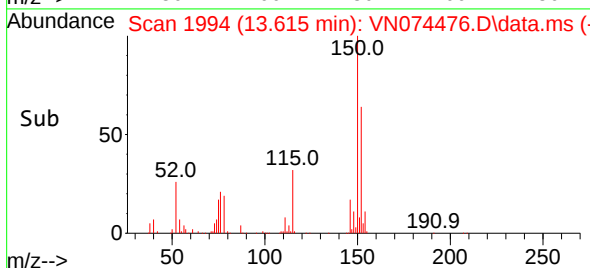
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

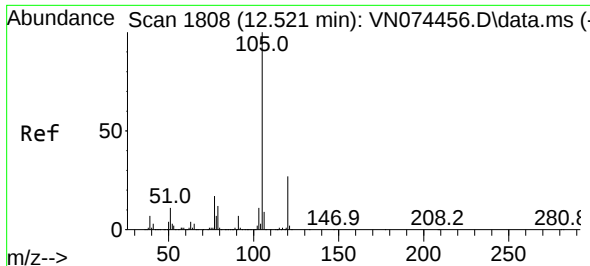


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



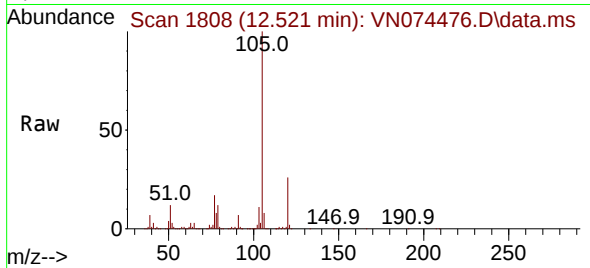
Tgt Ion:152 Resp: 260709
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 176.5 0.0 356.2





#73
Isopropylbenzene
Concen: 46.034 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

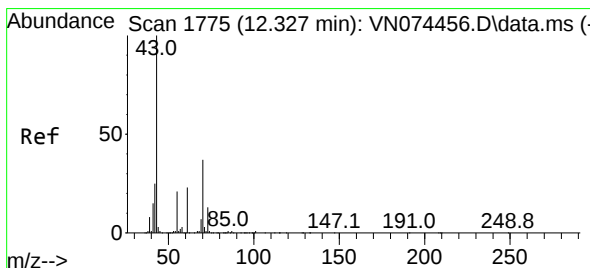
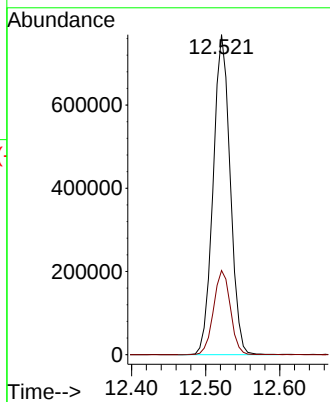
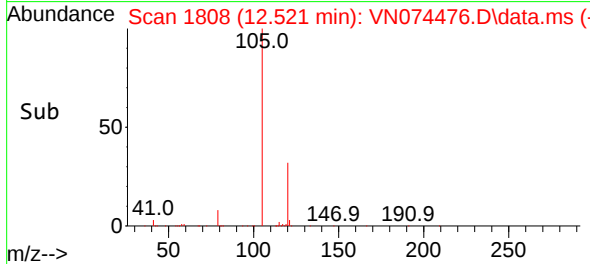
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1228858
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

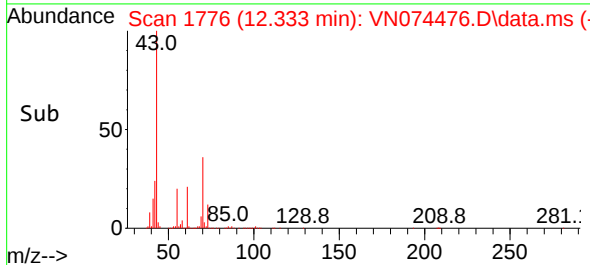
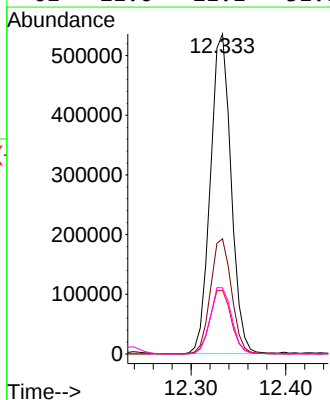
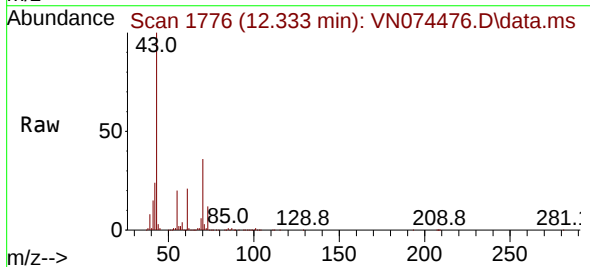
Manual Integrations
APPROVED

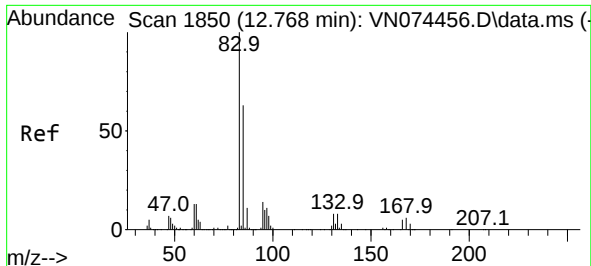
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#74
N-ethyl acetate
Concen: 48.827 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

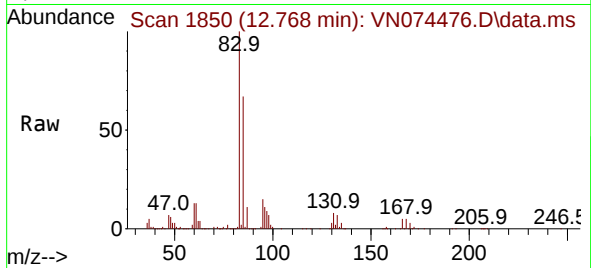
Tgt Ion: 43 Resp: 814959
Ion Ratio Lower Upper
43 100
70 36.6 39.0 58.4#
55 20.5 21.1 31.7#
61 21.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.889 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

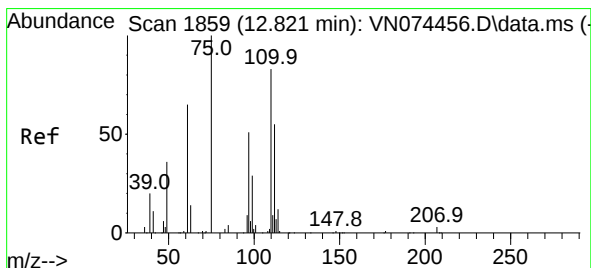
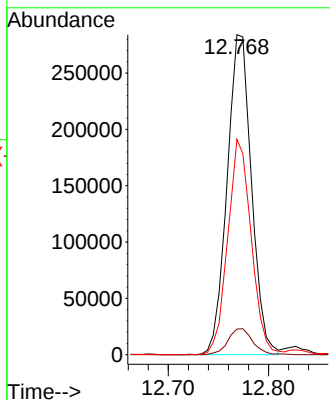
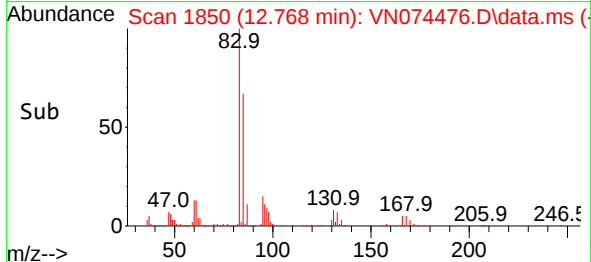
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



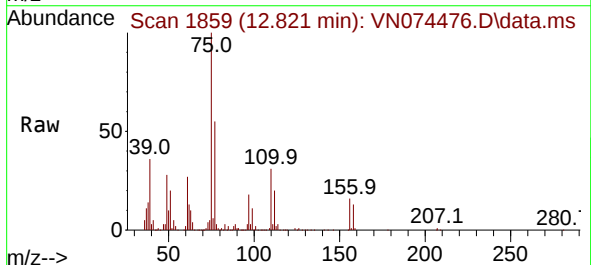
Tgt Ion: 83 Resp: 48020
Ion Ratio Lower Upper
83 100
131 8.2 5.3 15.9
85 64.9 32.3 96.9

Manual Integrations
APPROVED

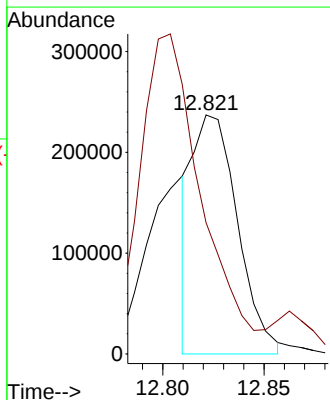
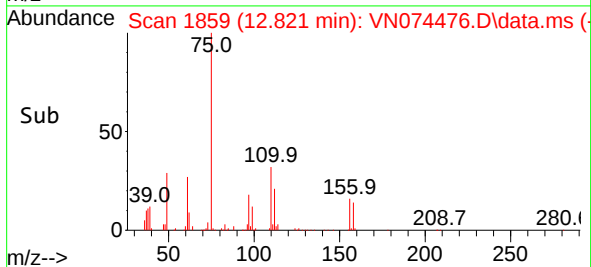
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

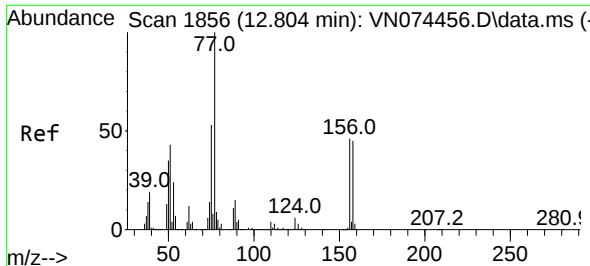


#76
1,2,3-Trichloropropane
Concen: 45.695 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



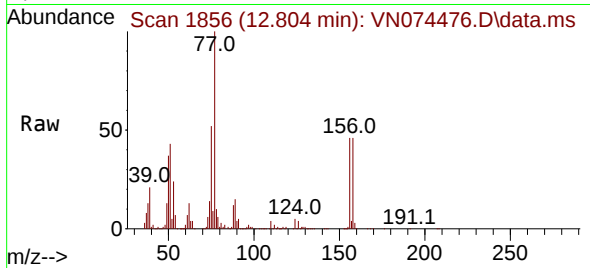
Tgt Ion: 75 Resp: 366693
Ion Ratio Lower Upper
75 100
77 181.7 98.5 295.5





#77
Bromobenzene
Concen: 43.931 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

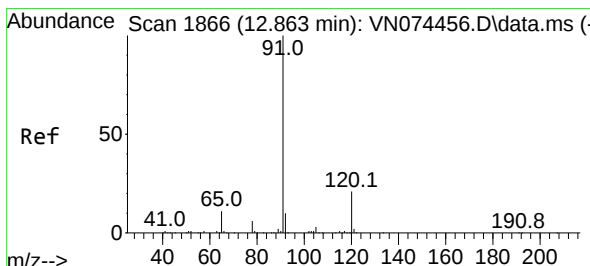
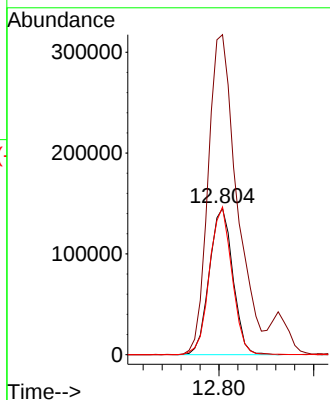
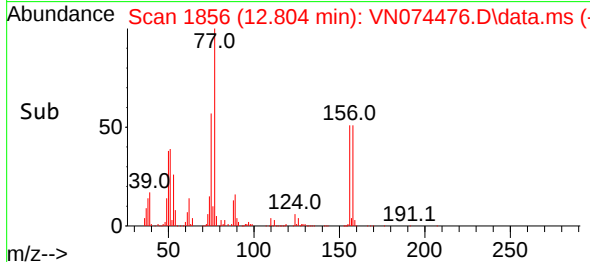
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



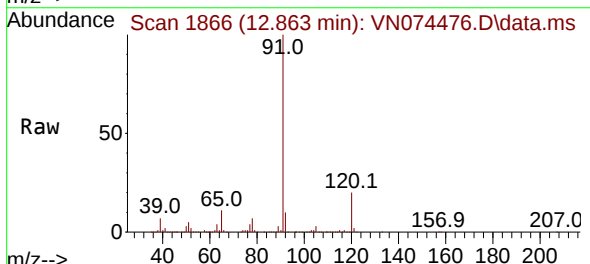
Tgt Ion:156 Resp: 250519
Ion Ratio Lower Upper
156 100
77 266.0 100.5 301.5
158 96.9 48.9 146.6

Manual Integrations
APPROVED

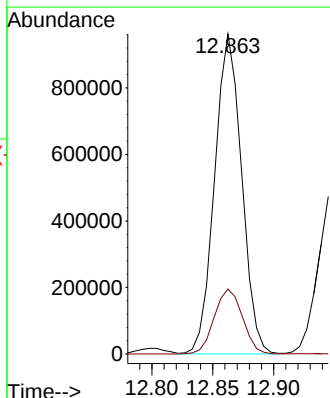
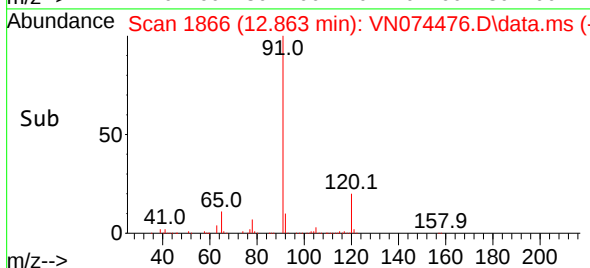
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

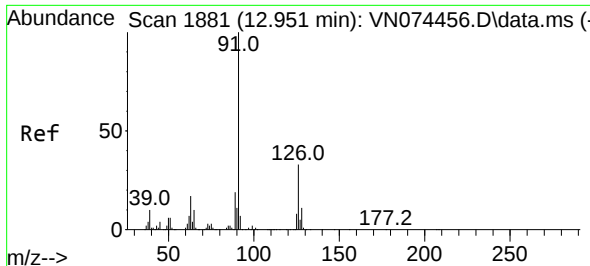


#78
n-propylbenzene
Concen: 46.729 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



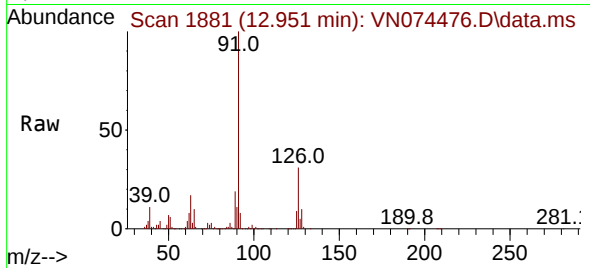
Tgt Ion: 91 Resp: 1485674
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 45.467 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

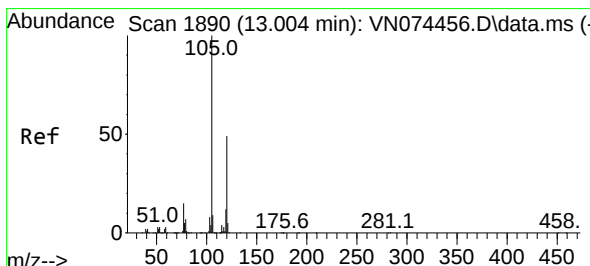
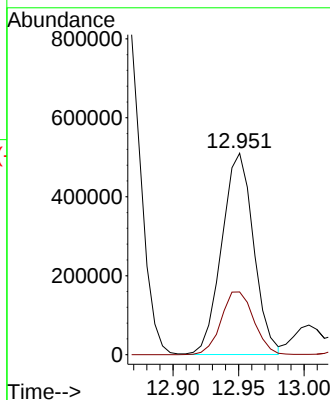
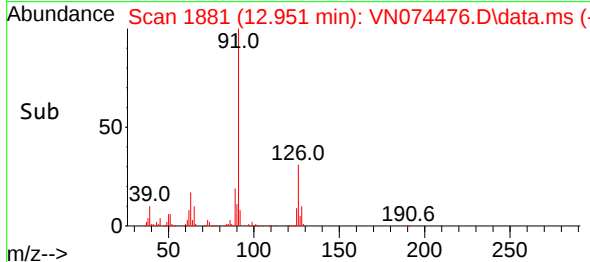
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



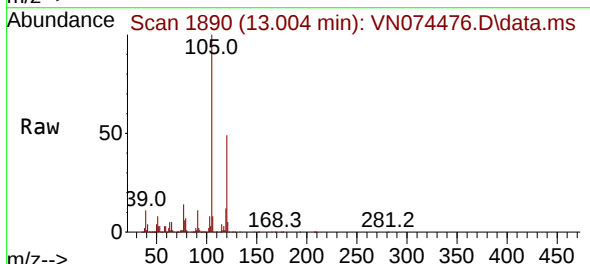
Tgt Ion: 91 Resp: 862940
Ion Ratio Lower Upper
91 100
126 32.1 17.3 51.9

Manual Integrations
APPROVED

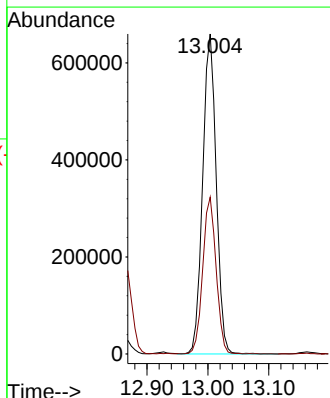
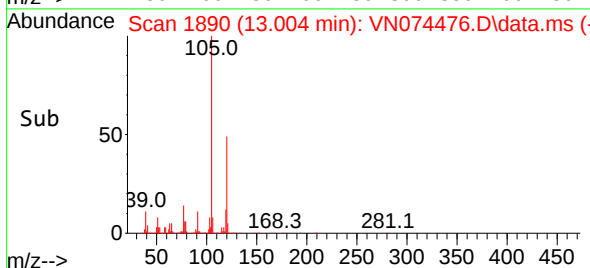
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

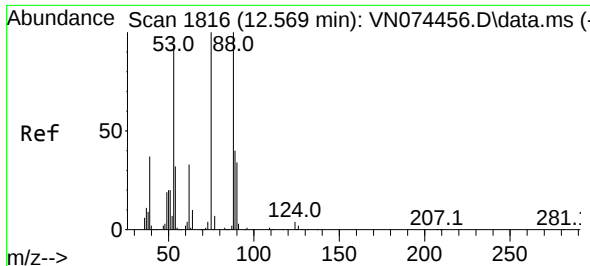


#80
1,3,5-Trimethylbenzene
Concen: 46.992 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



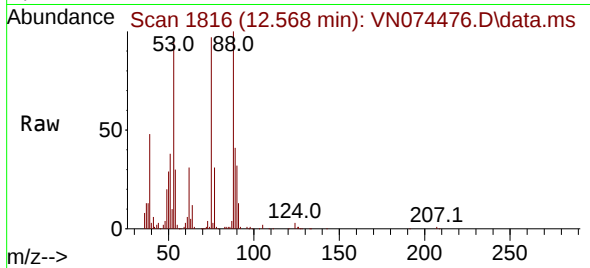
Tgt Ion:105 Resp: 1022578
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.599 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.001 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

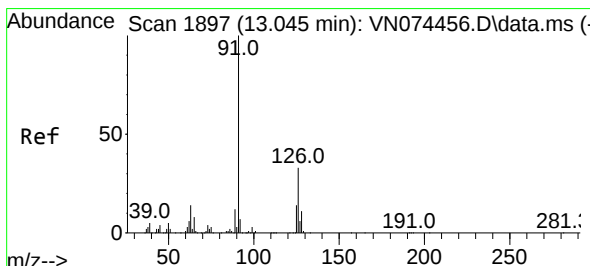
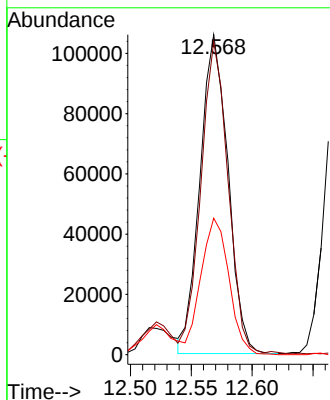
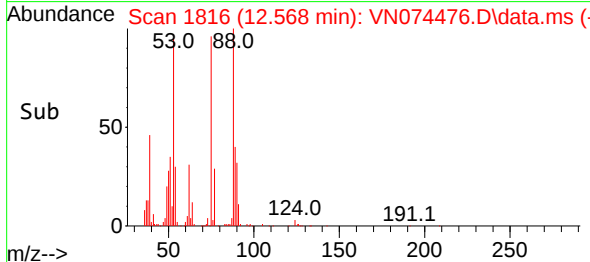
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 16954
Ion Ratio Lower Upper
75 100
53 95.4 78.0 117.0
89 42.8 37.2 55.8

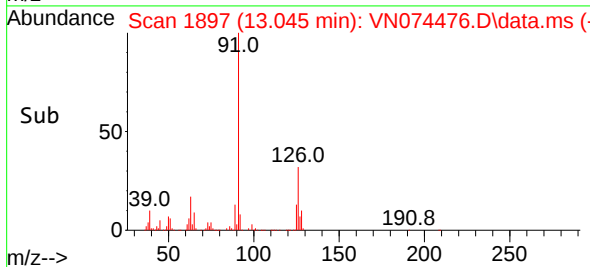
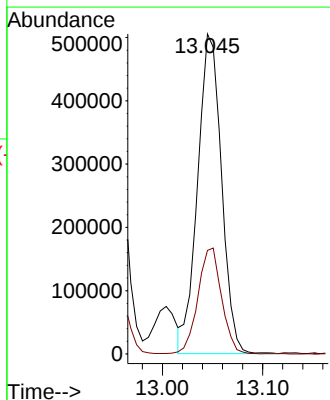
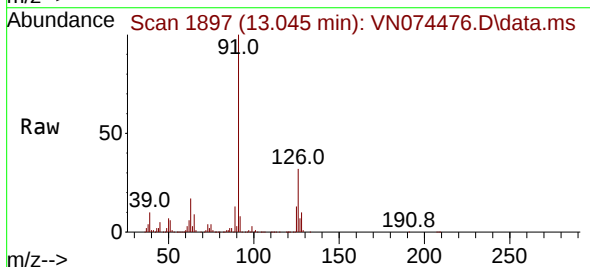
Manual Integrations
APPROVED

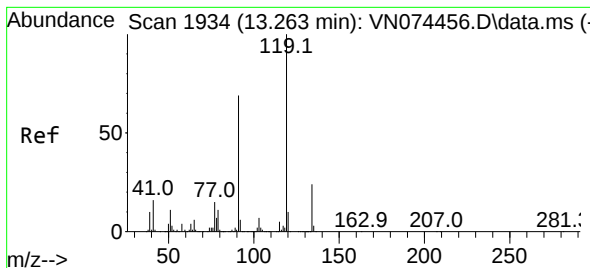
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 46.393 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

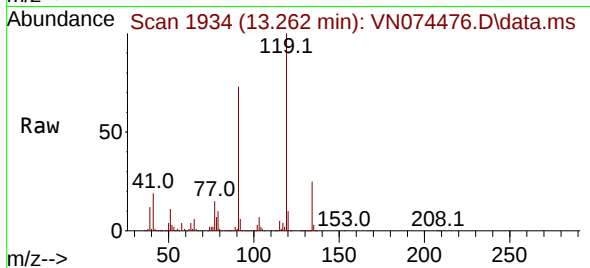
Tgt Ion: 91 Resp: 836936
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 45.047 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

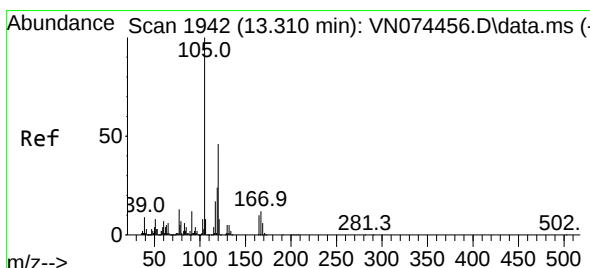
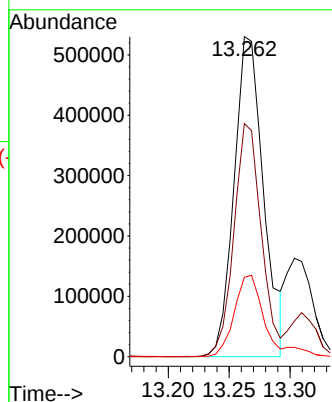
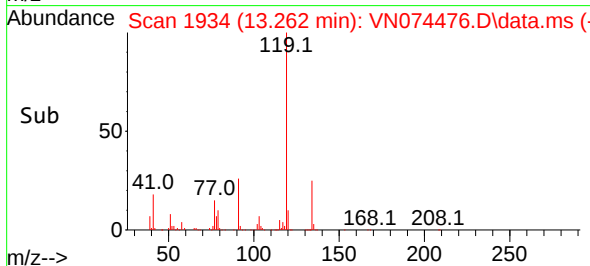
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



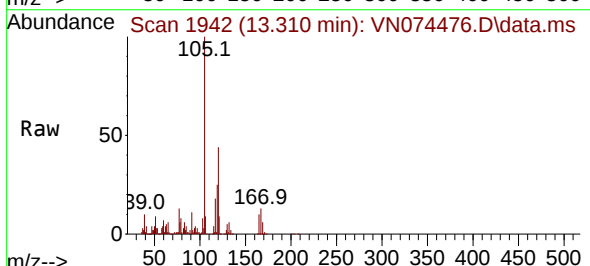
Tgt Ion:119 Resp: 89214
Ion Ratio Lower Upper
119 100
91 67.6 31.6 94.8
134 26.6 13.7 41.1

Manual Integrations
APPROVED

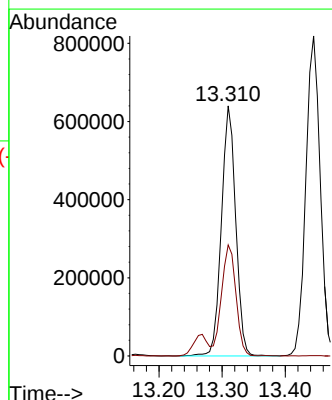
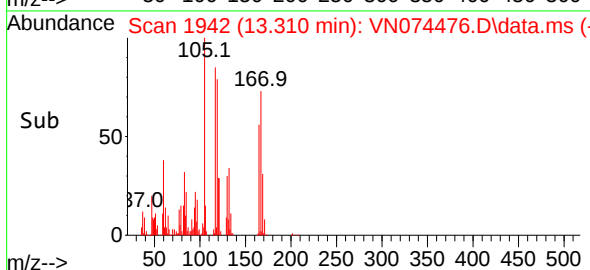
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

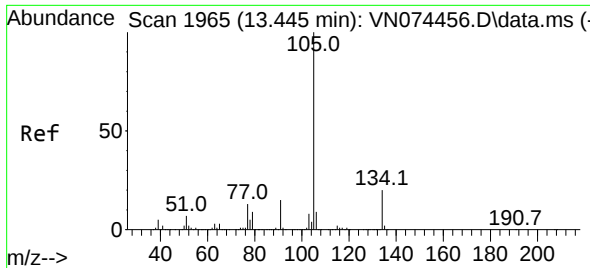


#84
1,2,4-Trimethylbenzene
Concen: 46.006 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



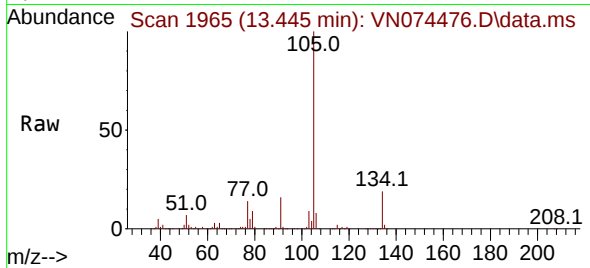
Tgt Ion:105 Resp: 1007495
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 47.394 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074476.D
 Acq: 15 Sep 2022 21:13

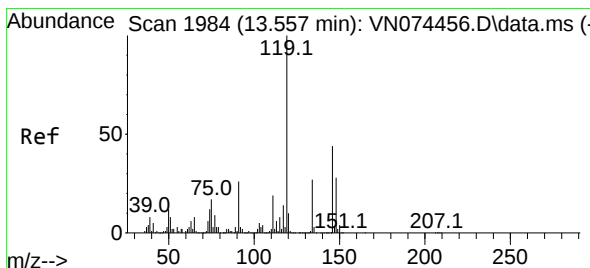
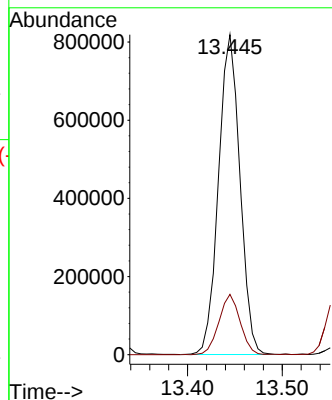
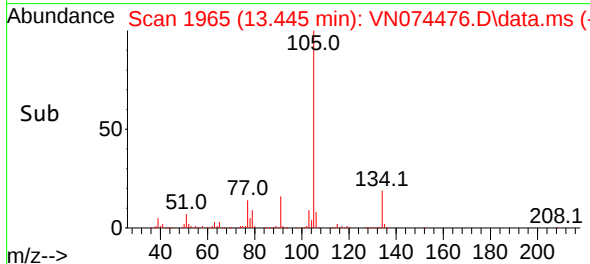
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1288789
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.1

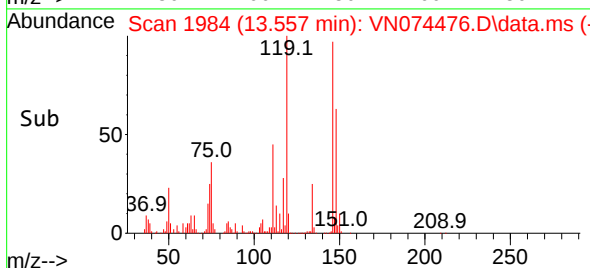
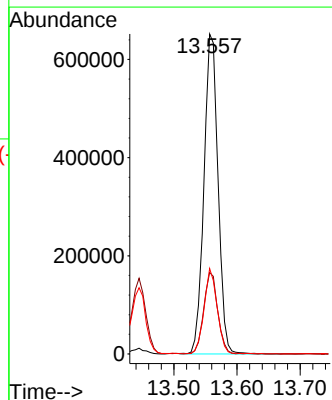
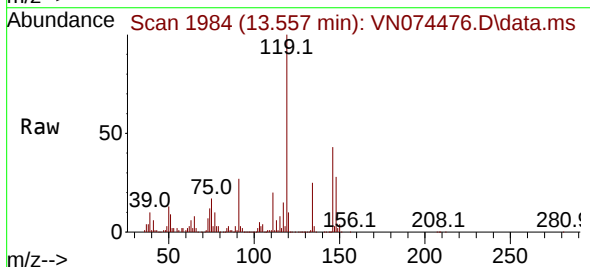
Manual Integrations
 APPROVED

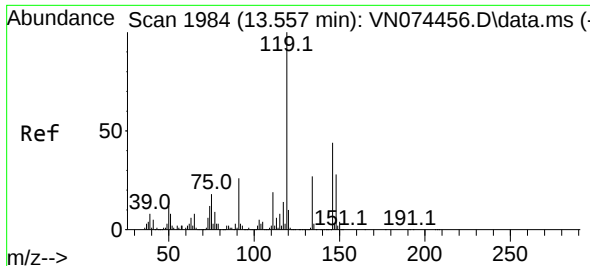
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 47.656 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074476.D
 Acq: 15 Sep 2022 21:13

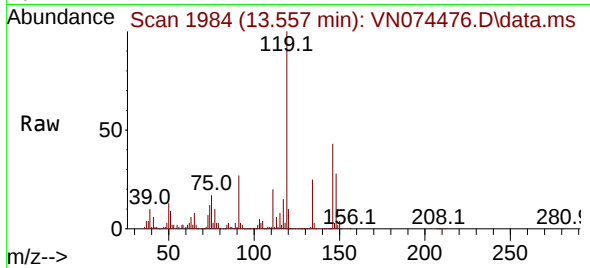
Tgt Ion:119 Resp: 1010300
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 25.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 45.659 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

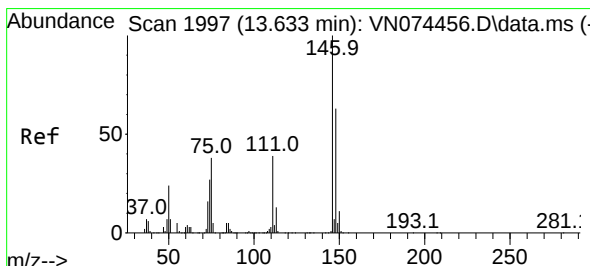
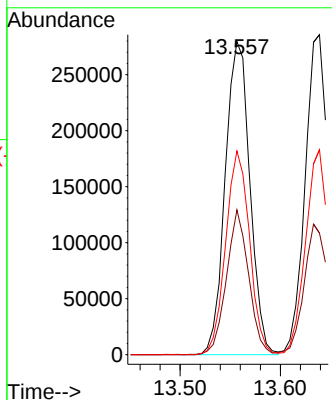
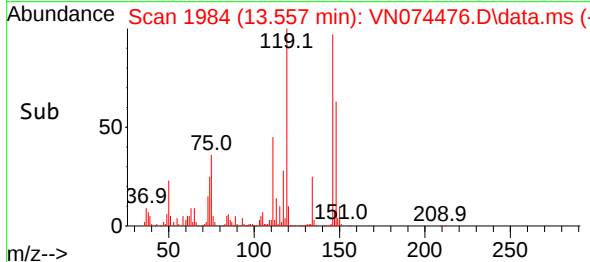
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



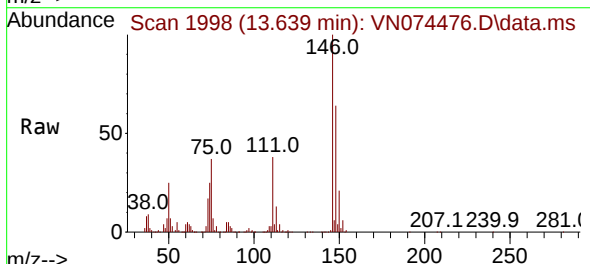
Tgt Ion:146 Resp: 478452
Ion Ratio Lower Upper
146 100
111 41.5 20.0 60.0
148 62.9 32.0 96.0

Manual Integrations
APPROVED

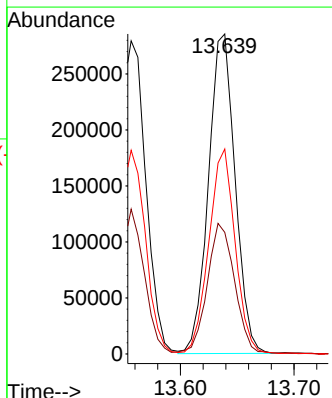
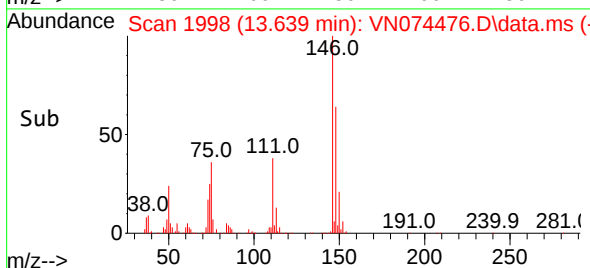
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

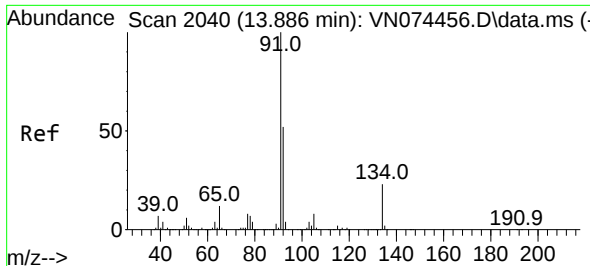


#88
1,4-Dichlorobenzene
Concen: 44.215 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



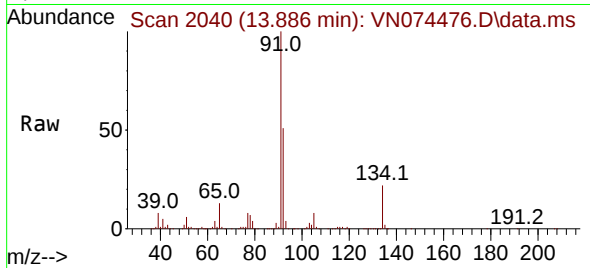
Tgt Ion:146 Resp: 465657
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.1
148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 48.048 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

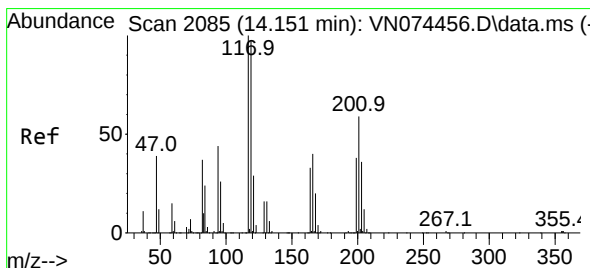
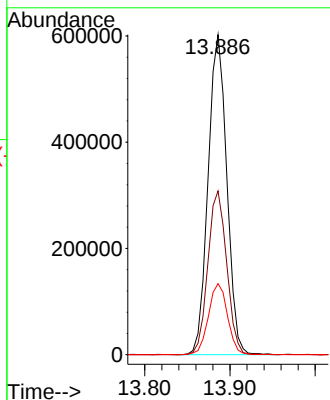
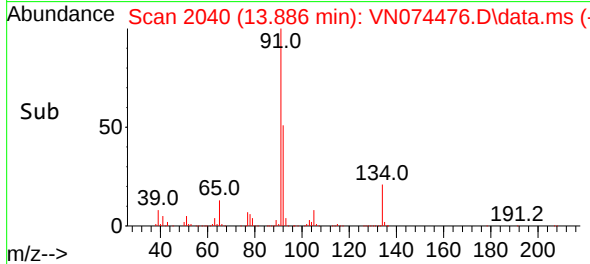
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



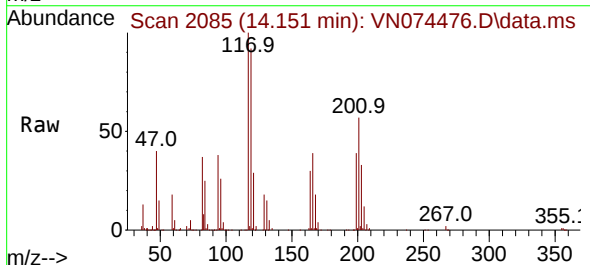
Tgt Ion: 91 Resp: 91811
Ion Ratio Lower Upper
91 100
92 51.6 26.9 80.7
134 22.7 13.6 40.8

Manual Integrations
APPROVED

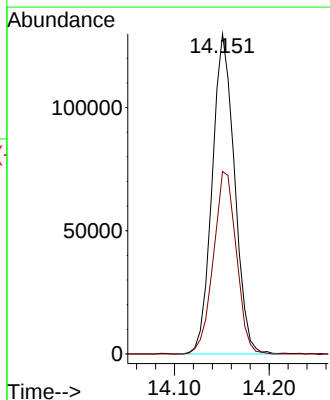
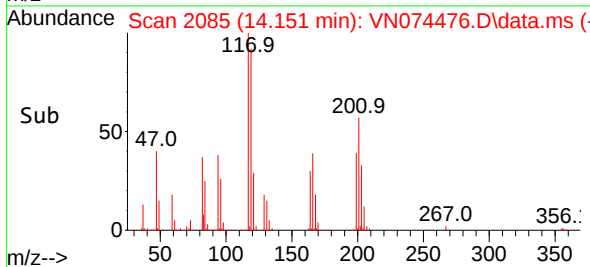
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

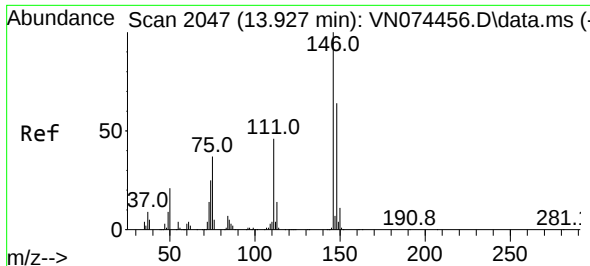


#90
Hexachloroethane
Concen: 46.190 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



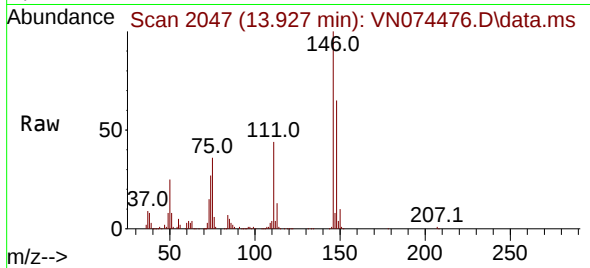
Tgt Ion:117 Resp: 213056
Ion Ratio Lower Upper
117 100
201 58.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 44.945 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

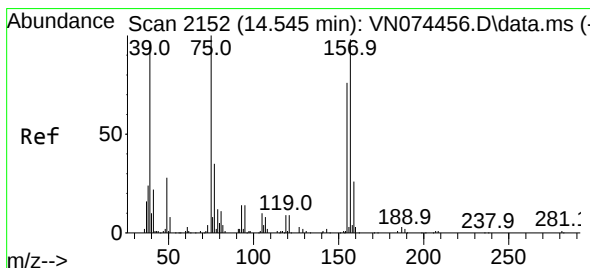
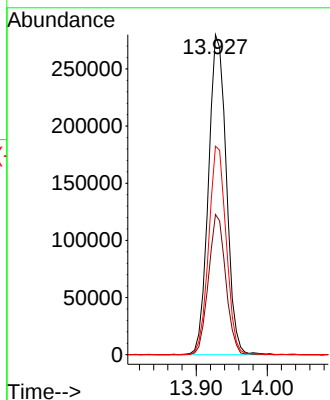
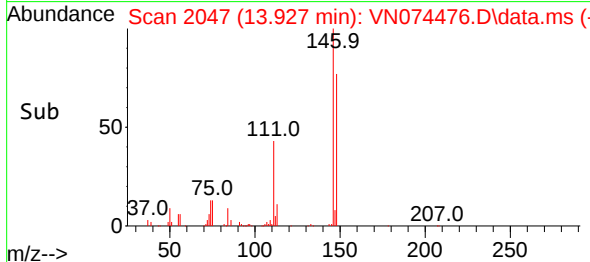
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



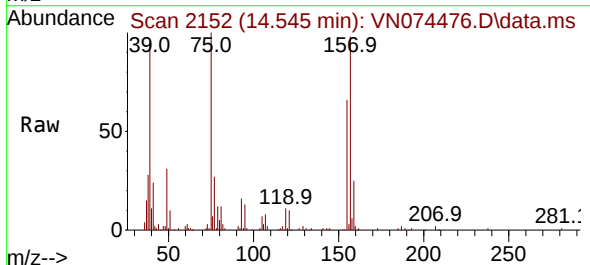
Tgt Ion:146 Resp: 488607
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations
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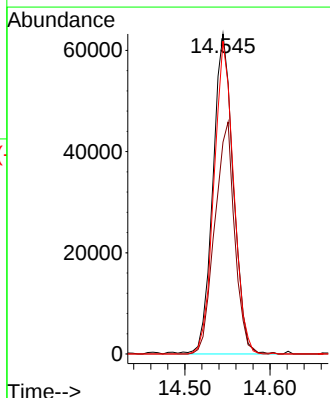
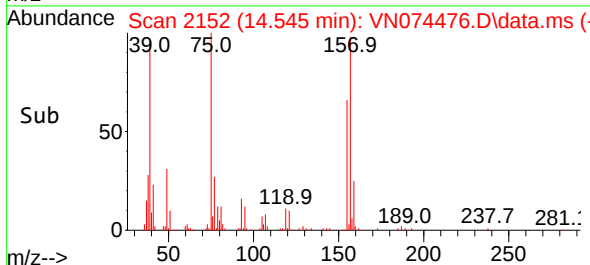
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

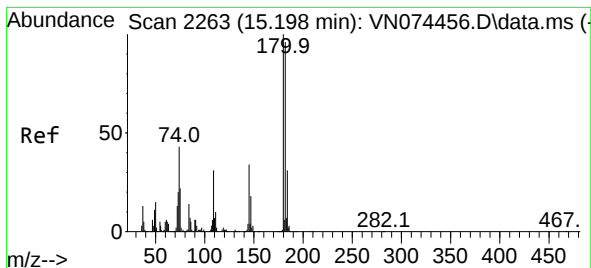


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.410 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13



Tgt Ion: 75 Resp: 104904
Ion Ratio Lower Upper
75 100
155 71.0 44.9 134.5
157 94.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 44.591 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074476.D

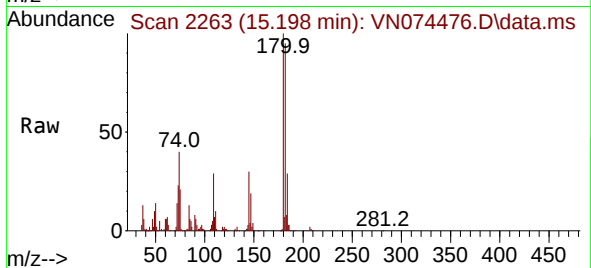
Acq: 15 Sep 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 230944

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

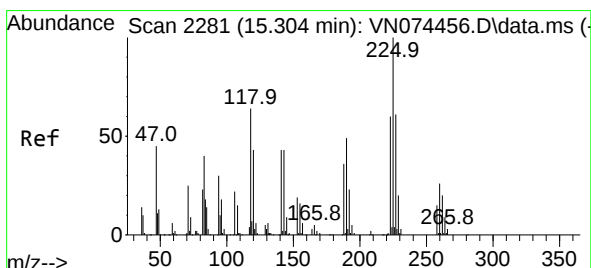
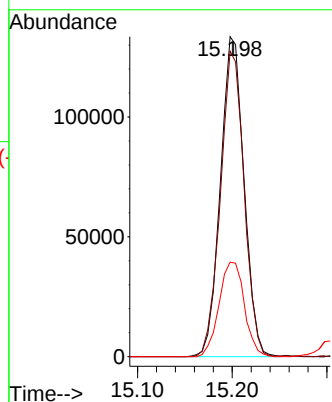
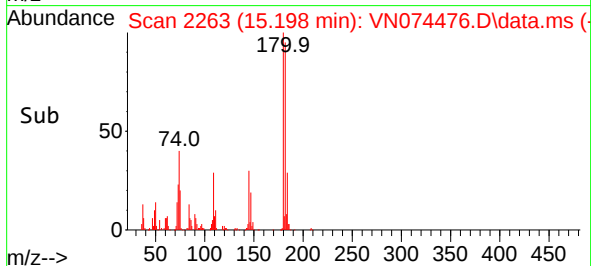
145 31.7 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 42.307 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN074476.D

Acq: 15 Sep 2022 21:13

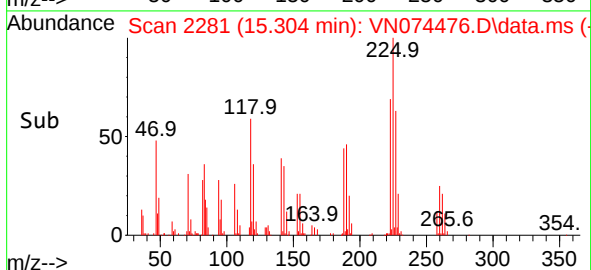
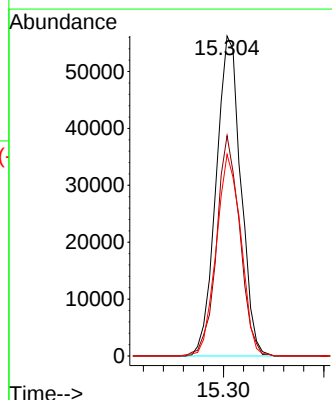
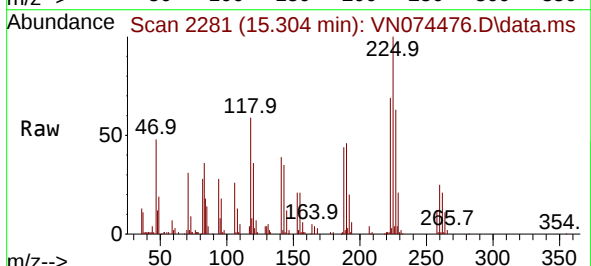
Tgt Ion:225 Resp: 96300

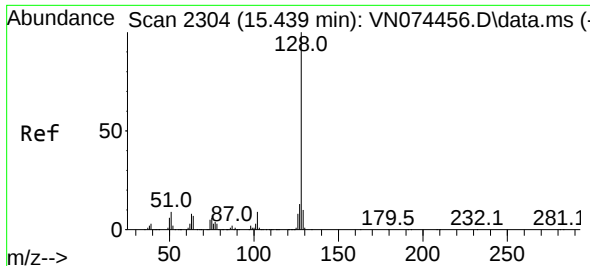
Ion Ratio Lower Upper

225 100

223 64.5 32.4 97.2

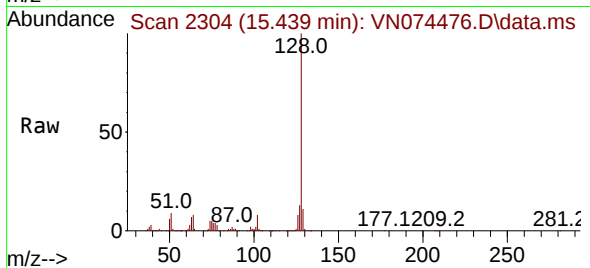
227 63.0 31.8 95.4





#95
Naphthalene
Concen: 44.328 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

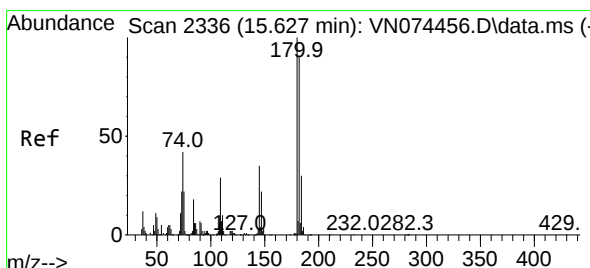
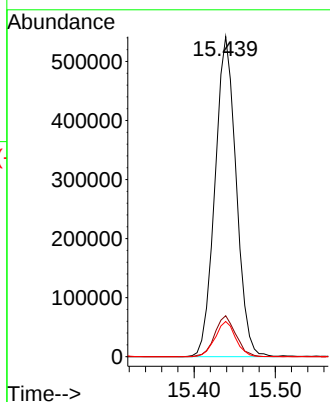
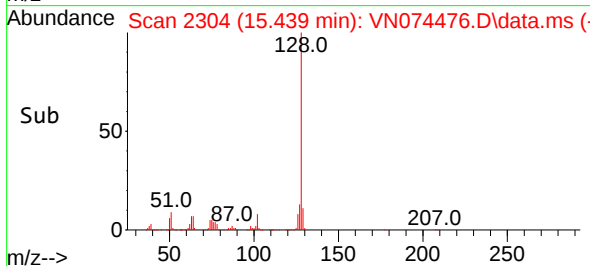
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 985050
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 43.525 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074476.D
Acq: 15 Sep 2022 21:13

Tgt Ion:180 Resp: 232641
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 34.3 15.5 46.5

