

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074498.D
 Acq On : 16 Sep 2022 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 16 16:13:41 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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	290541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	540043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	496483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	226563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	249896	50.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.380%			
35) Dibromofluoromethane	7.945	113	191702	53.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	10.380	98	740744	53.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.674	95	262202	55.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	144712	45.765	ug/l	96
3) Chloromethane	2.263	50	282665	53.130	ug/l	96
4) Vinyl Chloride	2.405	62	315187	55.377	ug/l	98
5) Bromomethane	2.787	94	214863	71.583	ug/l	98
6) Chloroethane	2.957	64	231970	59.666	ug/l	93
7) Trichlorofluoromethane	3.310	101	299735	47.688	ug/l	99
8) Diethyl Ether	3.757	74	152414	47.551	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.140	101	201847	51.908	ug/l	88
10) Methyl Iodide	4.351	142	239893	52.295	ug/l	96
11) Tert butyl alcohol	5.275	59	320155	199.364	ug/l #	86
12) 1,1-Dichloroethene	4.110	96	193096	50.409	ug/l	89
13) Acrolein	3.975	56	174956	298.332	ug/l	99
14) Allyl chloride	4.757	41	462779	50.648	ug/l #	95
15) Acrylonitrile	5.463	53	915023	253.625	ug/l	100
16) Acetone	4.216	43	791642	250.954	ug/l	95
17) Carbon Disulfide	4.451	76	496627	47.330	ug/l	96
18) Methyl Acetate	4.769	43	478577	48.845	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	802820	49.780	ug/l	98
20) Methylene Chloride	5.004	84	242197	50.290	ug/l #	81
21) trans-1,2-Dichloroethene	5.504	96	209642	49.880	ug/l	90
22) Diisopropyl ether	6.404	45	989396	53.925	ug/l #	95
23) Vinyl Acetate	6.345	43	4468119	276.106	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	467061	50.927	ug/l	99
25) 2-Butanone	7.251	43	1337494	255.369	ug/l #	87
26) 2,2-Dichloropropane	7.240	77	402104	50.854	ug/l	97
27) cis-1,2-Dichloroethene	7.240	96	267737	49.767	ug/l	91
28) Bromochloromethane	7.581	49	139954	51.820	ug/l #	67
29) Tetrahydrofuran	7.598	42	874405	253.923	ug/l #	84
30) Chloroform	7.739	83	447410	52.855	ug/l	95
31) Cyclohexane	8.022	56	439618	50.241	ug/l	84
32) 1,1,1-Trichloroethane	7.939	97	362763	48.862	ug/l	94
36) 1,1-Dichloropropene	8.145	75	326049	51.348	ug/l	97
37) Ethyl Acetate	7.328	43	528458	53.890	ug/l #	94
38) Carbon Tetrachloride	8.134	117	302664	51.626	ug/l	99
39) Methylcyclohexane	9.392	83	419695	55.585	ug/l	95
40) Benzene	8.386	78	1038552	52.892	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	272256	57.426	ug/l #	83
42) 1,2-Dichloroethane	8.457	62	352670	52.339	ug/l	99
43) Isopropyl Acetate	8.492	43	828726	53.952	ug/l #	92
44) Trichloroethene	9.145	130	215132	50.633	ug/l	90
45) 1,2-Dichloropropane	9.428	63	287779	53.329	ug/l	100
46) Dibromomethane	9.510	93	175207	51.841	ug/l #	83
47) Bromodichloromethane	9.698	83	350476	52.893	ug/l	99
48) Methyl methacrylate	9.492	41	352268	51.721	ug/l	88
49) 1,4-Dioxane	9.504	88	123151	940.475	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	2785532	277.701	ug/l	88
52) Toluene	10.439	92	637272	55.347	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	418419	54.182	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	449263	54.362	ug/l #	84
55) 1,1,2-Trichloroethane	10.839	97	251406	51.547	ug/l	92
56) Ethyl methacrylate	10.698	69	472215	54.202	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	467612	54.684	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.981	63	1042898	272.004	ug/l	90
59) 2-Hexanone	11.022	43	2115977	276.334	ug/l	86
60) Dibromochloromethane	11.180	129	255026	54.621	ug/l	100
61) 1,2-Dibromoethane	11.286	107	257709	54.391	ug/l	99
64) Tetrachloroethene	10.910	164	172949	50.759	ug/l	93
65) Chlorobenzene	11.710	112	642983	51.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	231075	51.027	ug/l	98
67) Ethyl Benzene	11.786	91	1243026	54.320	ug/l	97
68) m/p-Xylenes	11.892	106	933727	110.360	ug/l	96
69) o-Xylene	12.222	106	456826	52.956	ug/l	93
70) Styrene	12.233	104	771371	53.755	ug/l	98
71) Bromoform	12.398	173	179384	53.896	ug/l #	97
73) Isopropylbenzene	12.522	105	1204067	51.903	ug/l	99
74) N-amyl acetate	12.333	43	748786	51.624	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.769	83	437578	47.069	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	331269m	47.502	ug/l	
77) Bromobenzene	12.804	156	250229	50.495	ug/l	75
78) n-propylbenzene	12.863	91	1476053	53.423	ug/l	96
79) 2-Chlorotoluene	12.945	91	835999	50.686	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	993553	52.539	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	160134	49.560	ug/l	97
82) 4-Chlorotoluene	13.045	91	823278	52.513	ug/l	96
83) tert-Butylbenzene	13.263	119	879154	51.082	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	985745	51.797	ug/l	98
85) sec-Butylbenzene	13.445	105	1271936	53.824	ug/l	97
86) p-Isopropyltoluene	13.557	119	1021138	55.427	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	469962	51.608	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	472894	51.670	ug/l	98
89) n-Butylbenzene	13.886	91	947662	57.069	ug/l	95
90) Hexachloroethane	14.151	117	202614	50.546	ug/l	74
91) 1,2-Dichlorobenzene	13.927	146	468861	49.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	95378	46.462	ug/l	76
93) 1,2,4-Trichlorobenzene	15.198	180	233122	51.795	ug/l	98
94) Hexachlorobutadiene	15.304	225	97617	49.349	ug/l	97
95) Naphthalene	15.439	128	948776	48.958	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	236881	50.768	ug/l	97

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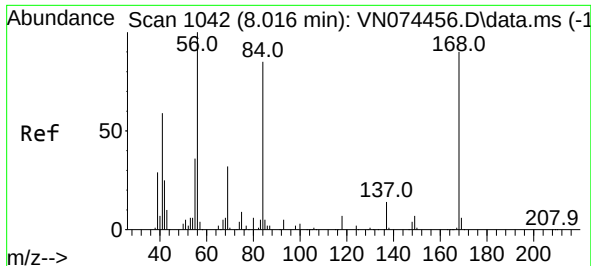
Manual Integrations
APPROVED

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 Response via : Initial Calibration

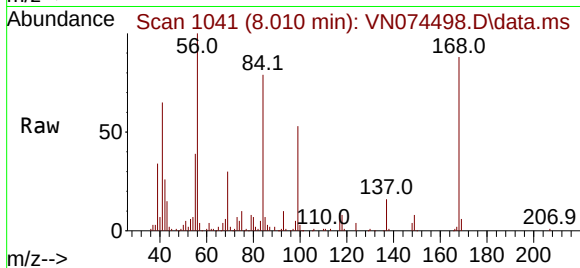
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
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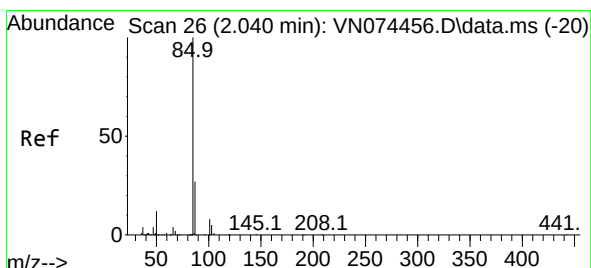
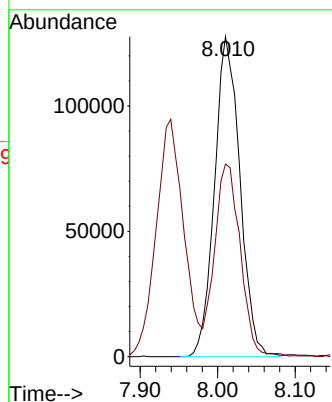
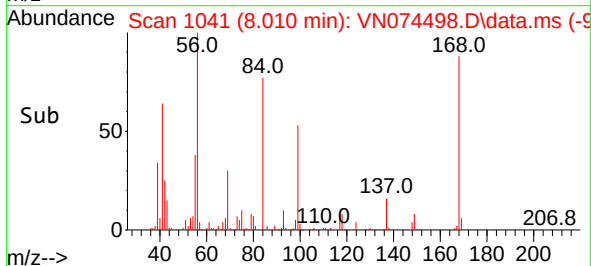
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 29054
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

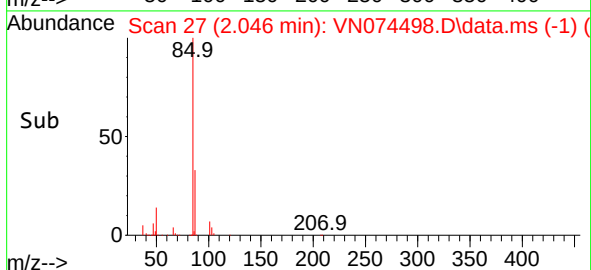
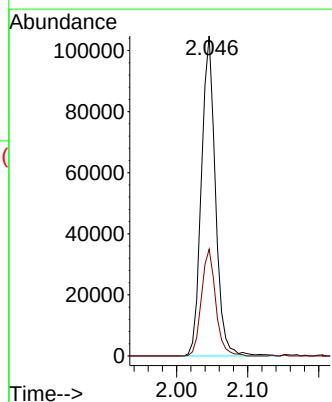
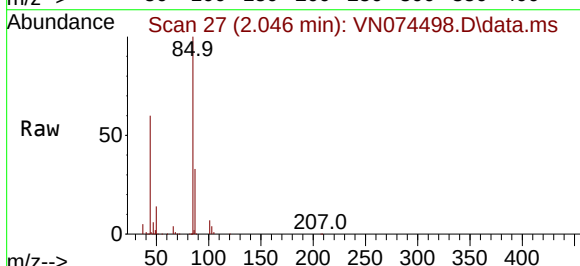
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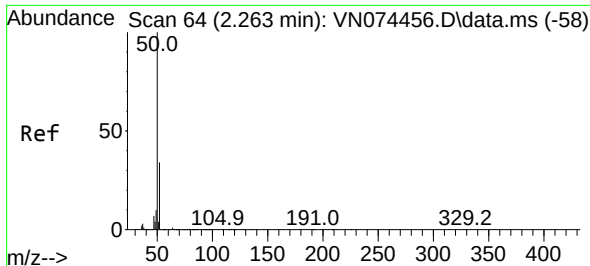
Reviewed By :John Carlone 09/17/2022
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#2
Dichlorodifluoromethane
Concen: 45.765 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

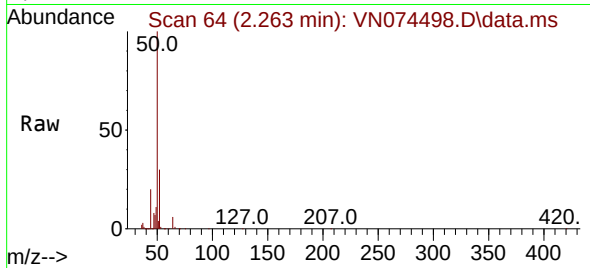
Tgt Ion: 85 Resp: 144712
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1





#3
Chloromethane
Concen: 53.130 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

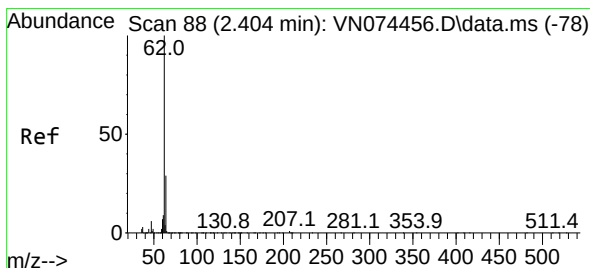
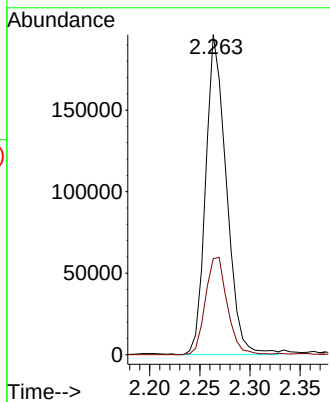
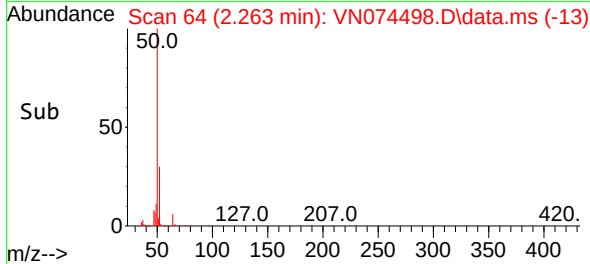
Instrument :
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Tgt Ion: 50 Resp: 28266
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5

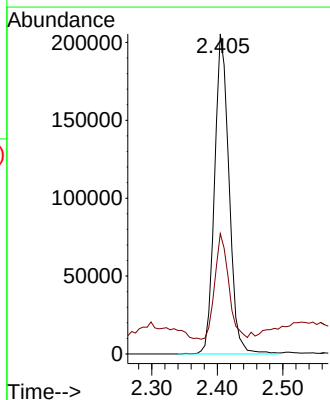
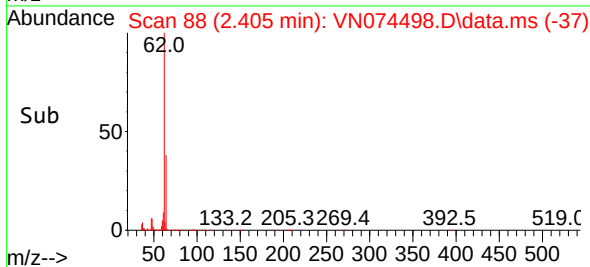
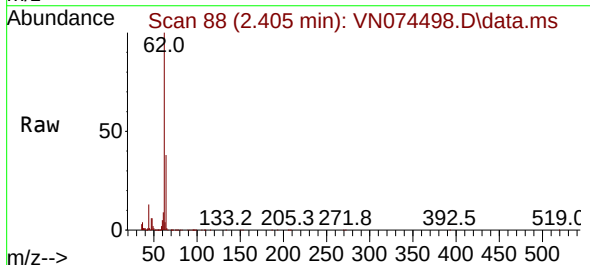
Manual Integrations
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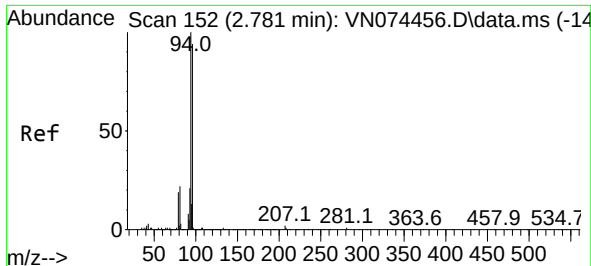
Reviewed By :John Carlone 09/17/2022
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#4
Vinyl Chloride
Concen: 55.377 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

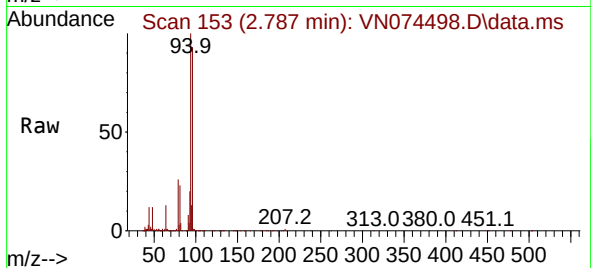
Tgt Ion: 62 Resp: 315187
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





#5
Bromomethane
Concen: 71.583 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

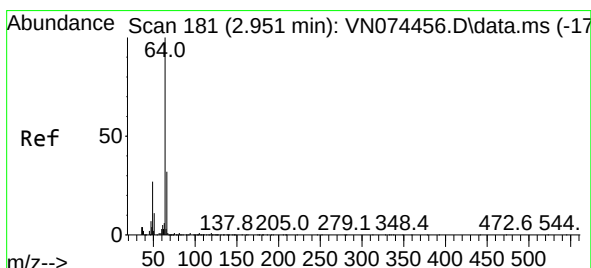
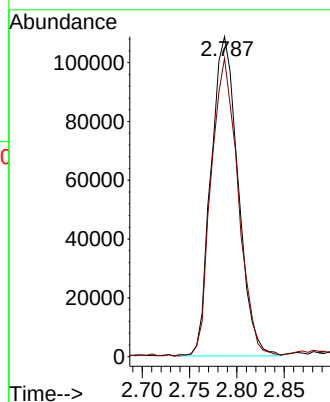
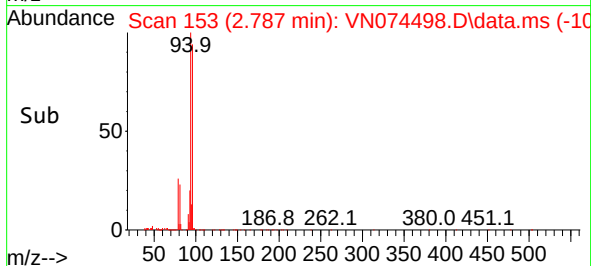
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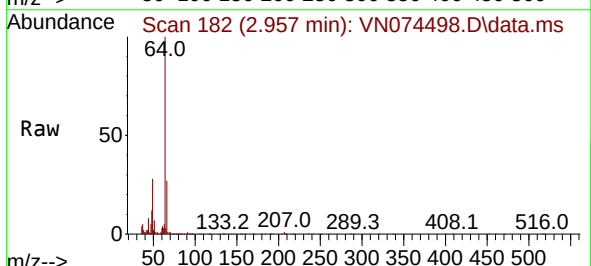
Tgt Ion: 94 Resp: 21486
Ion Ratio Lower Upper
94 100
96 92.9 76.0 114.0

Manual Integrations
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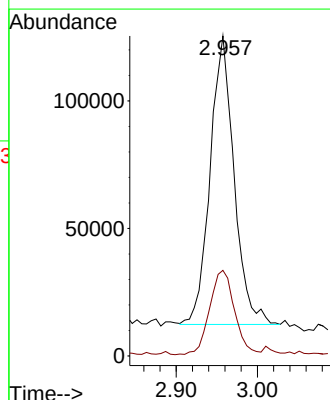
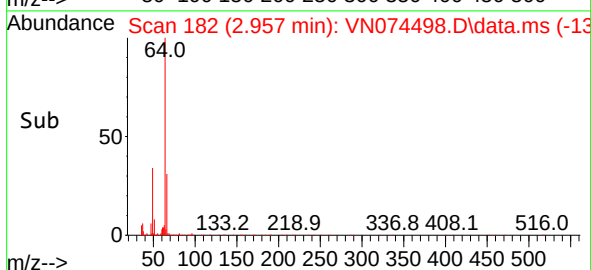
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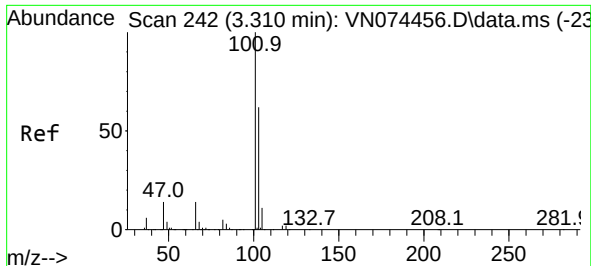


#6
Chloroethane
Concen: 59.666 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



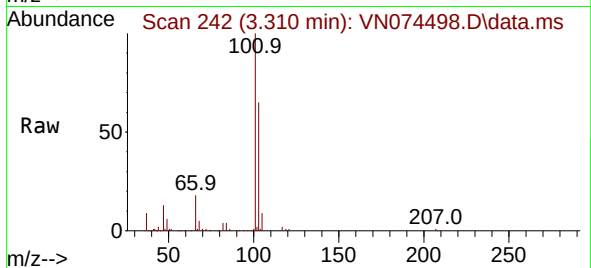
Tgt Ion: 64 Resp: 231970
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.688 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN074498.D
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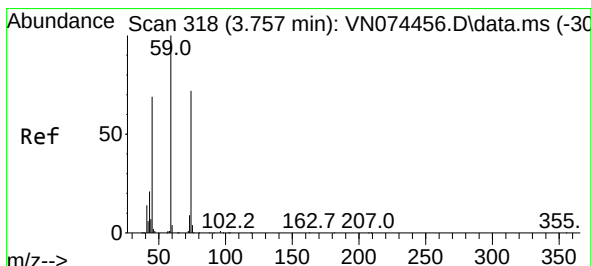
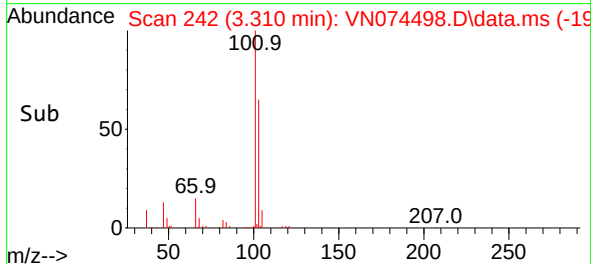
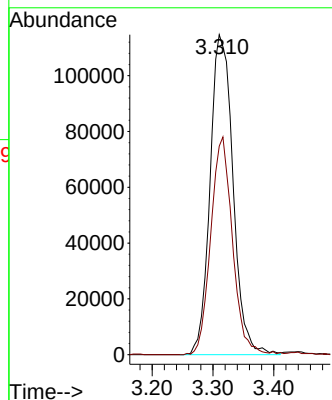
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 299735
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

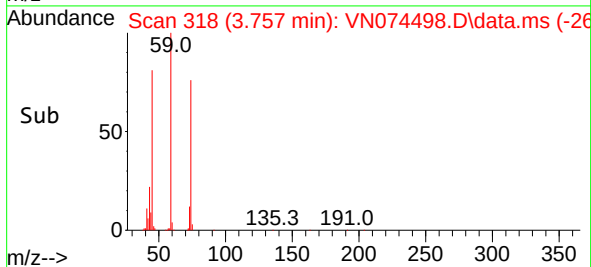
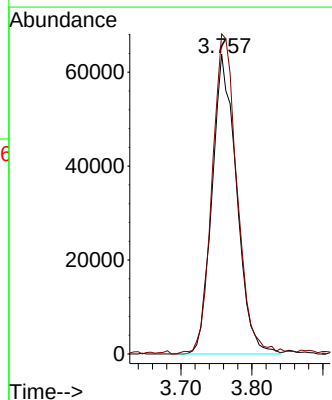
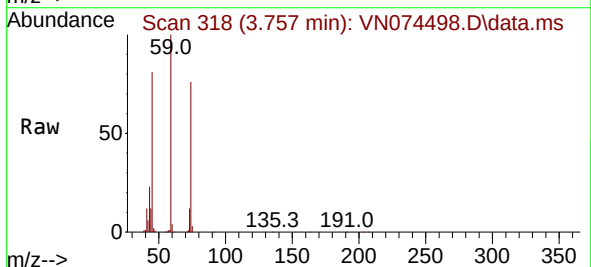
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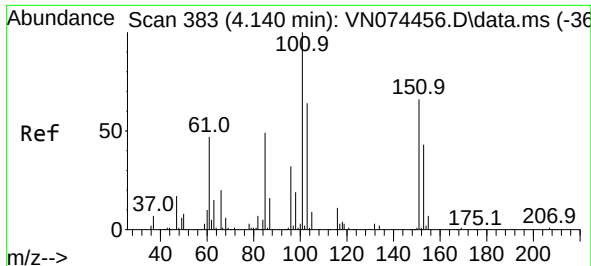
Reviewed By :John Carlone 09/17/2022
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#8
Diethyl Ether
Concen: 47.551 ug/l
RT: 3.757 min Scan# 318
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion: 74 Resp: 152414
Ion Ratio Lower Upper
74 100
45 109.2 42.9 128.5





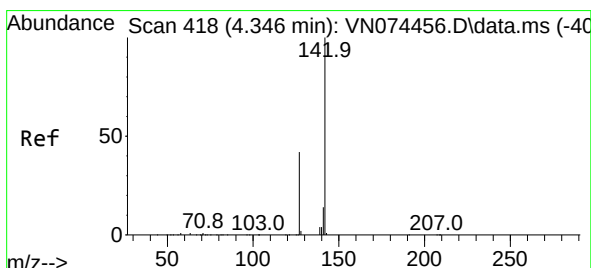
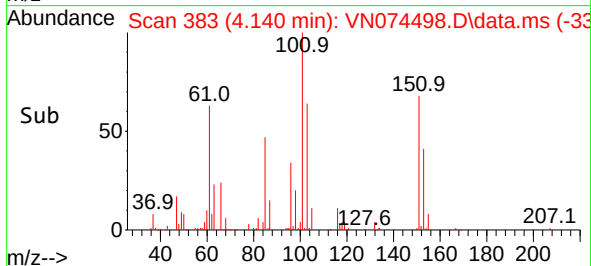
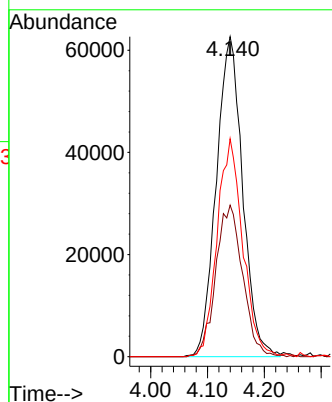
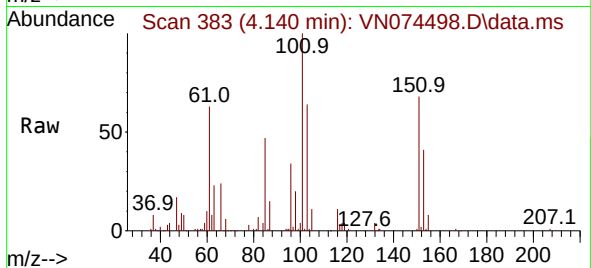
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.908 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20184
Ion Ratio Lower Upper
101 100
85 48.2 34.7 52.1
151 66.3 63.0 94.4

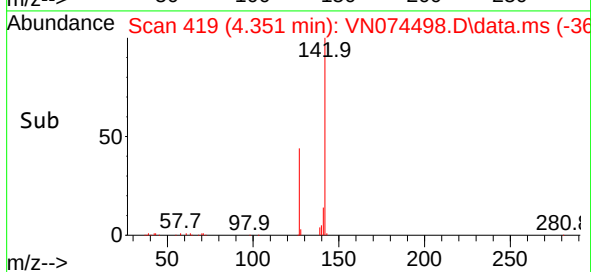
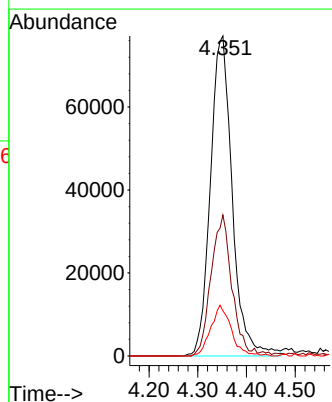
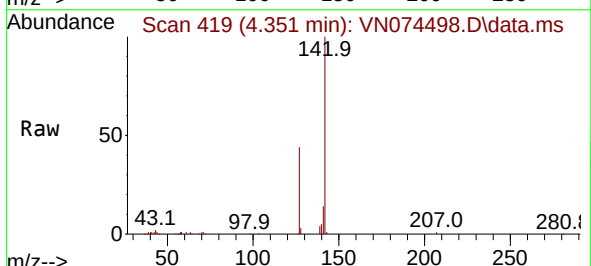
Manual Integrations
APPROVED

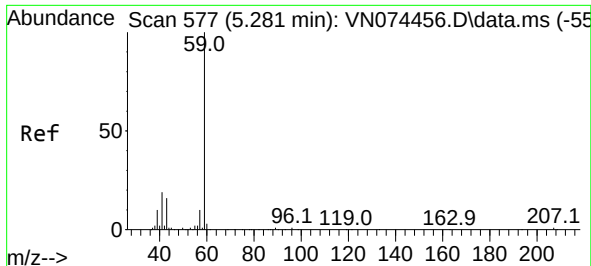
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 52.295 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.005 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

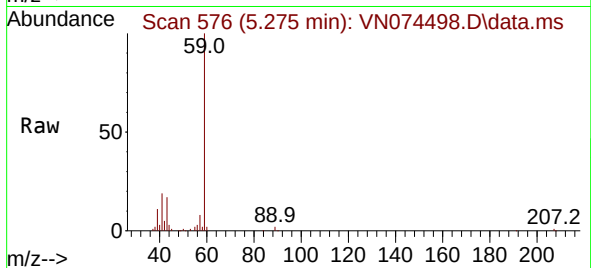
Tgt Ion:142 Resp: 239893
Ion Ratio Lower Upper
142 100
127 41.9 31.3 46.9
141 15.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 199.364 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

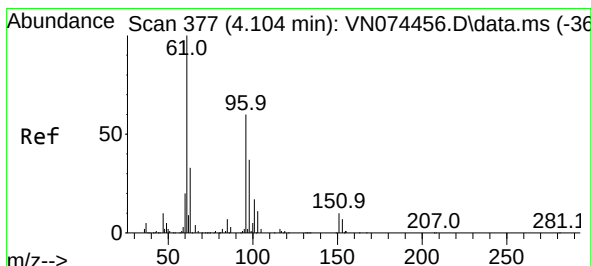
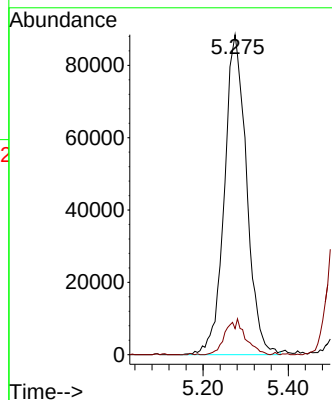
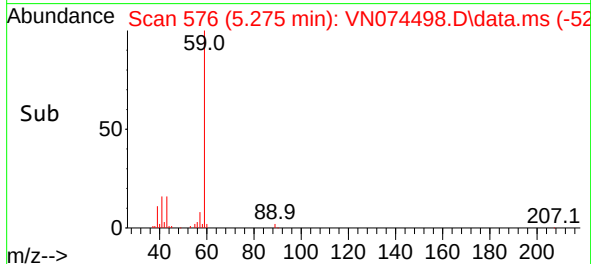
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



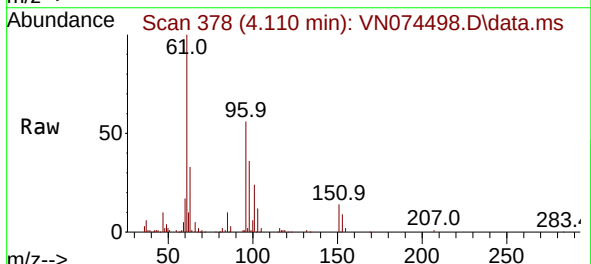
Tgt Ion: 59 Resp: 32015
Ion Ratio Lower Upper
59 100
57 5.3 8.3 12.5

Manual Integrations
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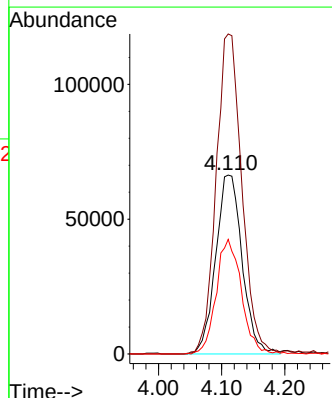
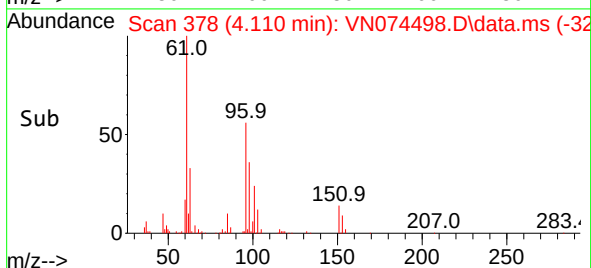
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

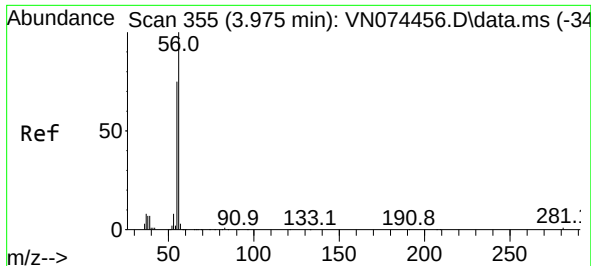


#12
1,1-Dichloroethene
Concen: 50.409 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



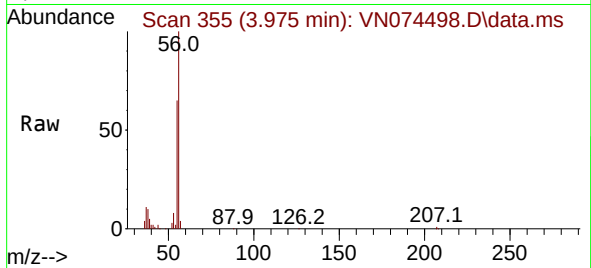
Tgt Ion: 96 Resp: 193096
Ion Ratio Lower Upper
96 100
61 178.9 127.6 191.4
98 64.1 51.2 76.8





#13
Acrolein
Concen: 298.332 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

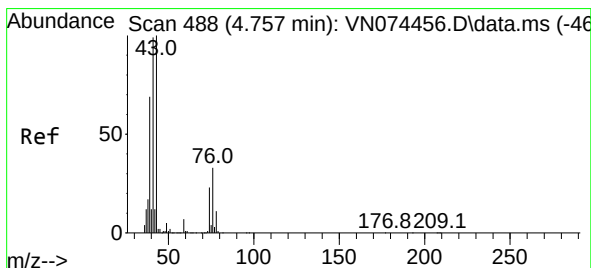
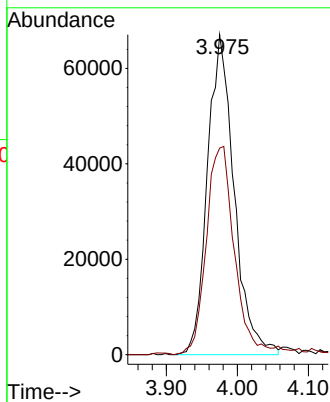
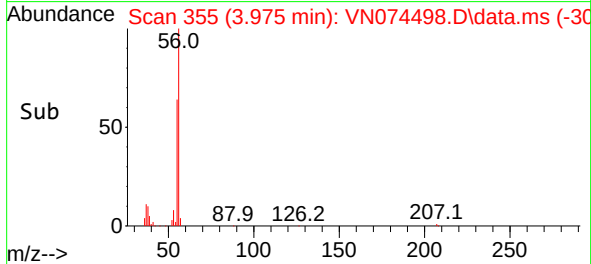
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 174950
Ion Ratio Lower Upper
56 100
55 69.2 54.8 82.2

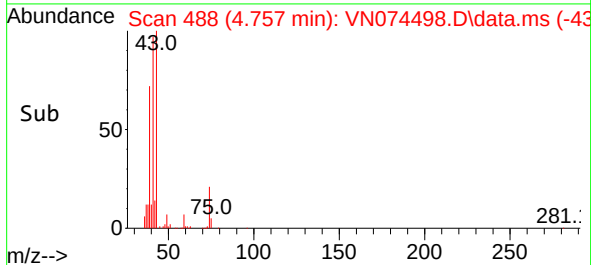
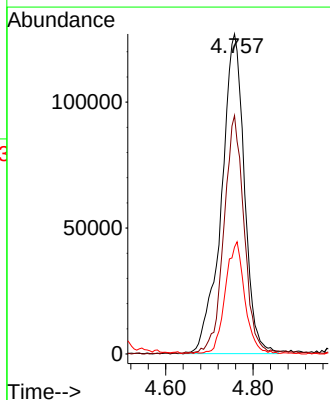
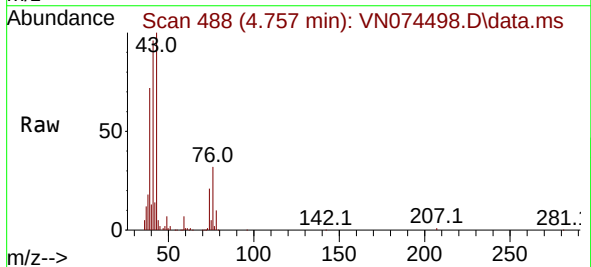
Manual Integrations
APPROVED

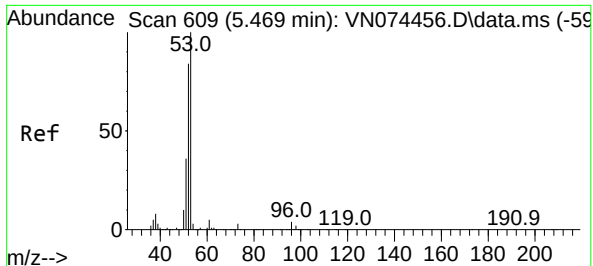
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#14
Allyl chloride
Concen: 50.648 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

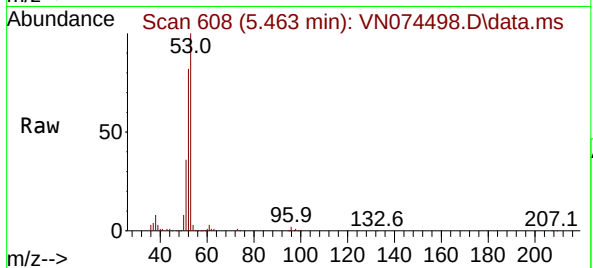
Tgt Ion: 41 Resp: 462779
Ion Ratio Lower Upper
41 100
39 66.0 53.2 79.8
76 29.3 29.9 44.9





#15
Acrylonitrile
Concen: 253.625 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

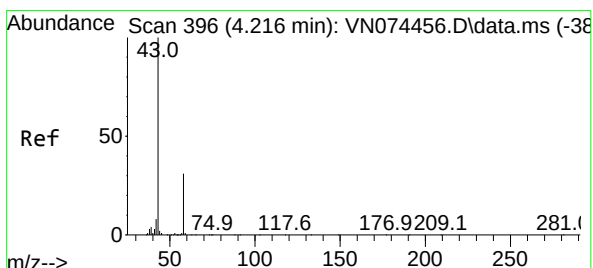
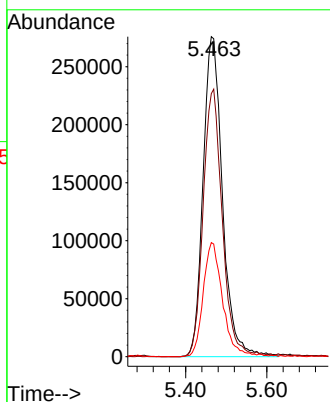
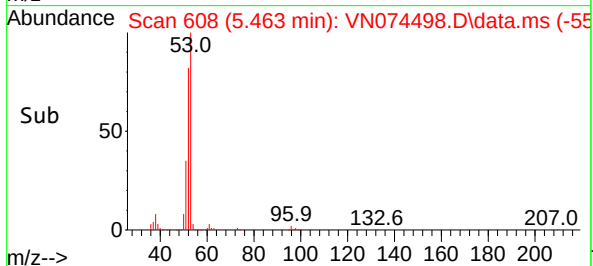
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



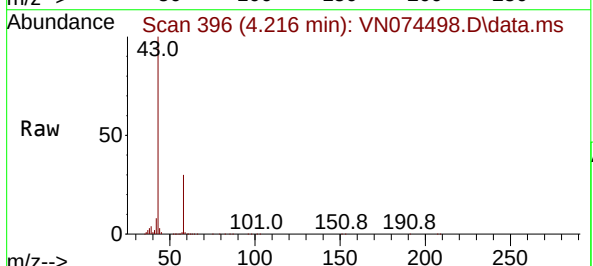
Tgt Ion: 53 Resp: 915023
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
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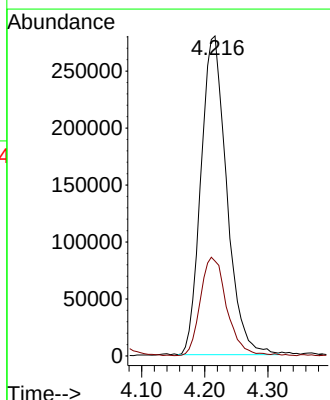
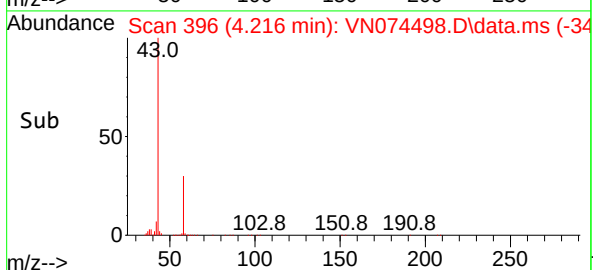
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

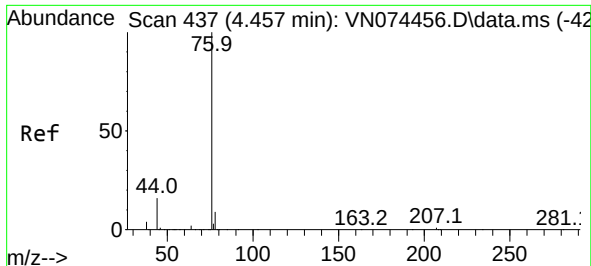


#16
Acetone
Concen: 250.954 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



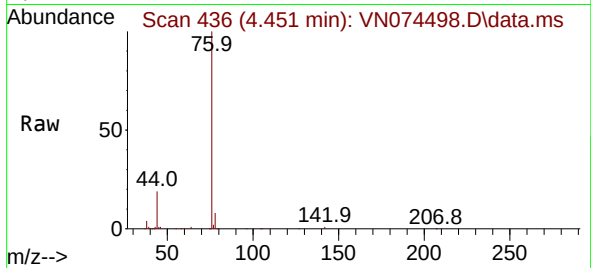
Tgt Ion: 43 Resp: 791642
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0





#17
Carbon Disulfide
Concen: 47.330 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

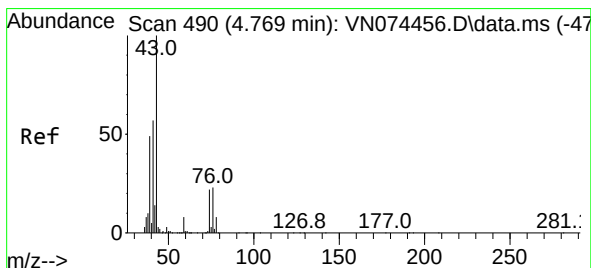
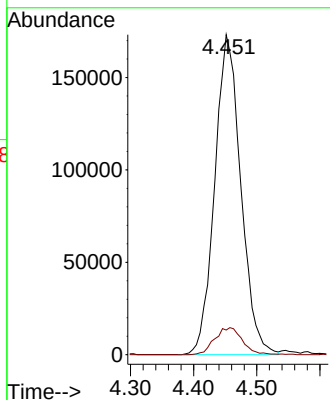
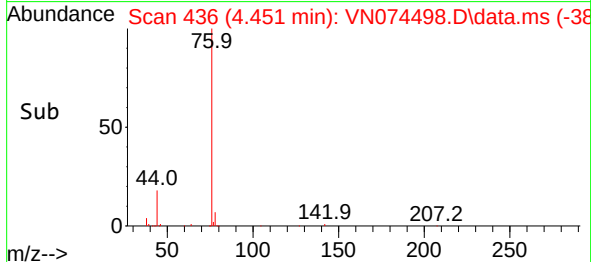
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



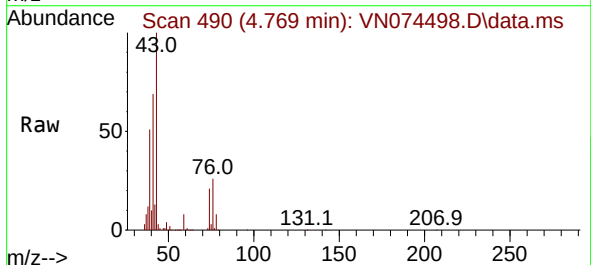
Tgt Ion: 76 Resp: 49662
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

Manual Integrations
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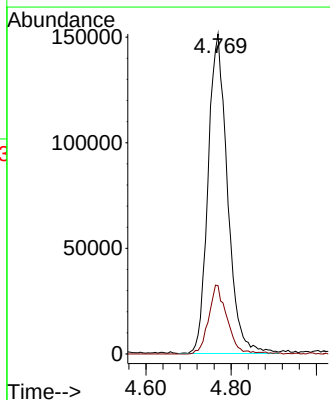
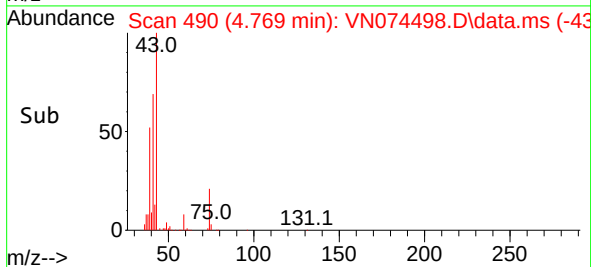
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

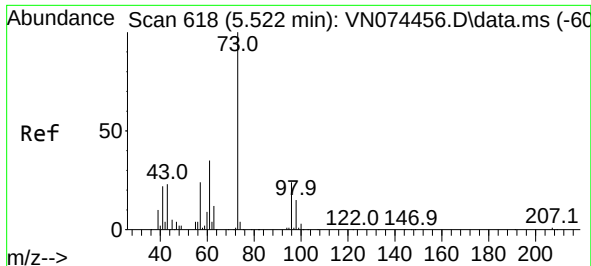


#18
Methyl Acetate
Concen: 48.845 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



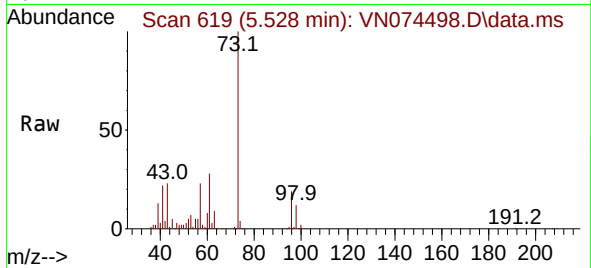
Tgt Ion: 43 Resp: 478577
Ion Ratio Lower Upper
43 100
74 20.4 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 49.780 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

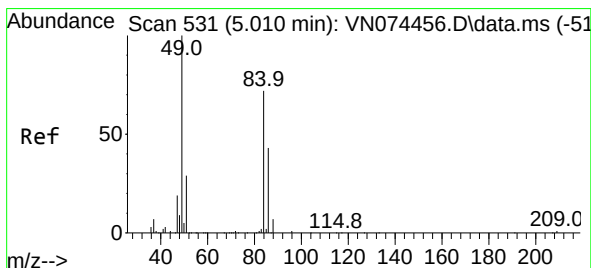
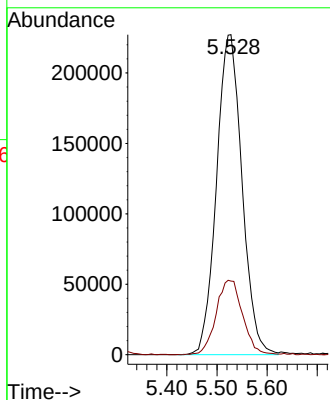
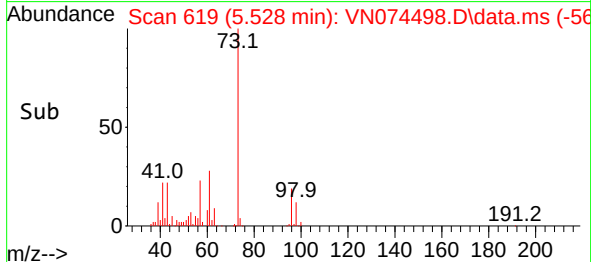
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 802820
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

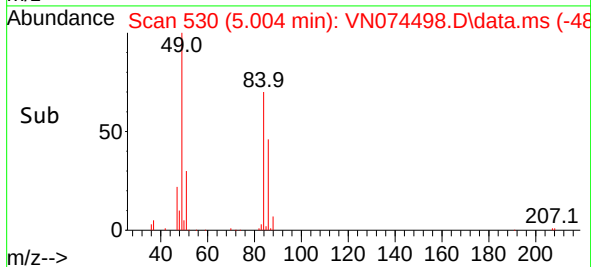
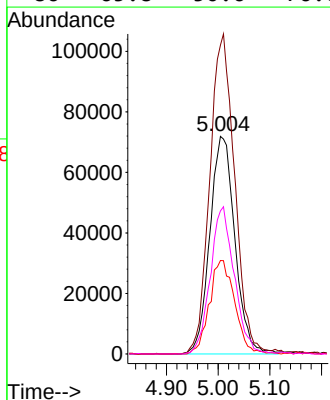
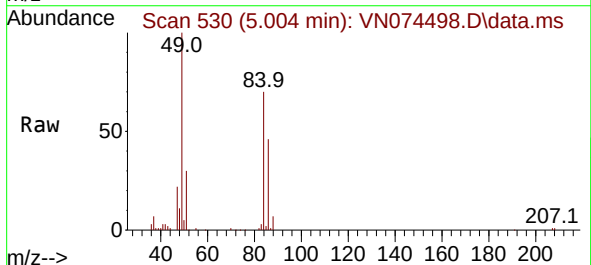
Manual Integrations
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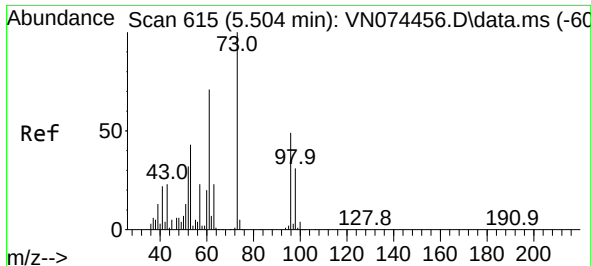
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 50.290 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

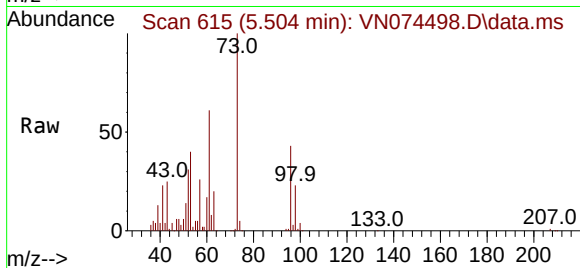
Tgt Ion: 84 Resp: 242197
Ion Ratio Lower Upper
84 100
49 141.9 88.3 132.5#
51 42.9 28.2 42.2#
86 65.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.880 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

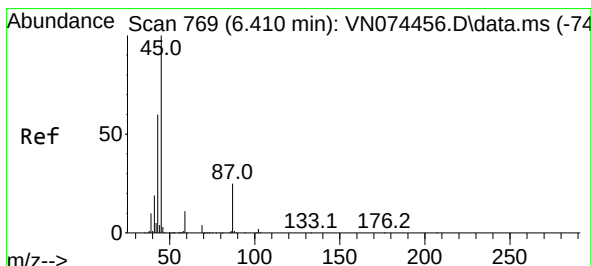
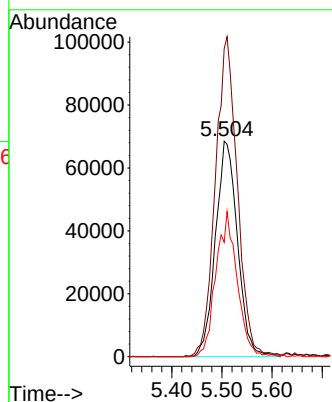
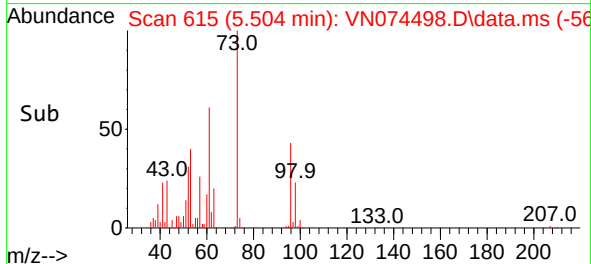
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 20964
Ion Ratio Lower Upper
96 100
61 143.0 105.8 158.8
98 53.1 50.3 75.5

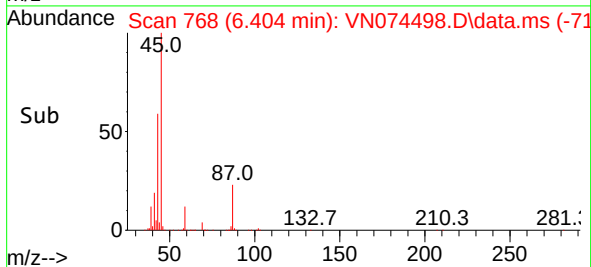
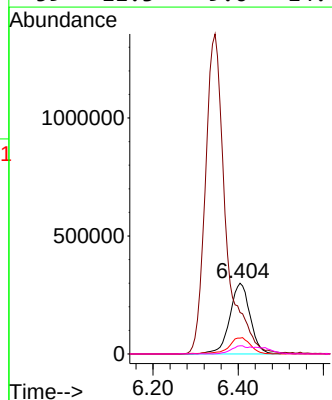
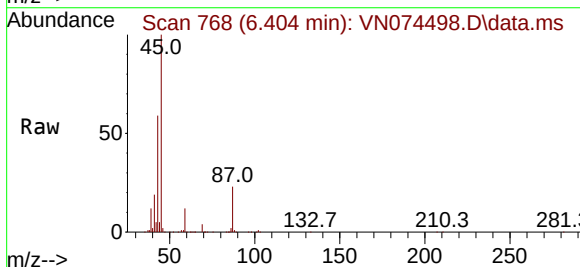
Manual Integrations
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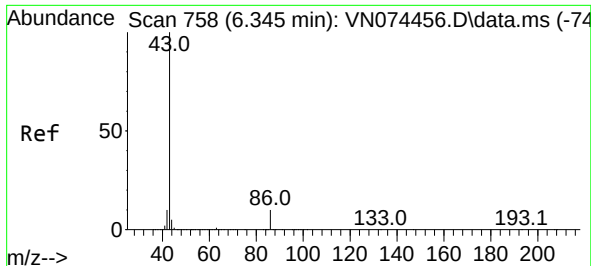
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 53.925 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion: 45 Resp: 989396
Ion Ratio Lower Upper
45 100
43 58.4 46.6 70.0
87 22.4 24.3 36.5#
59 11.3 9.6 14.4





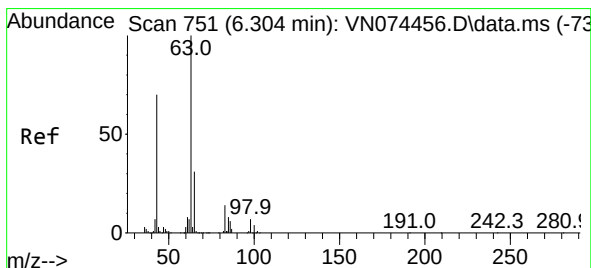
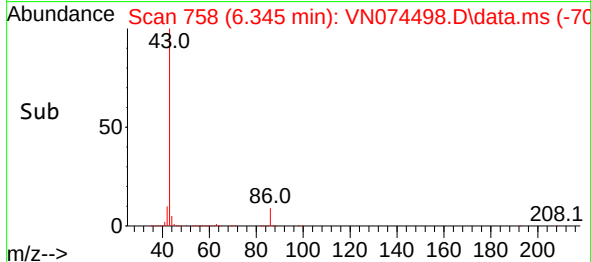
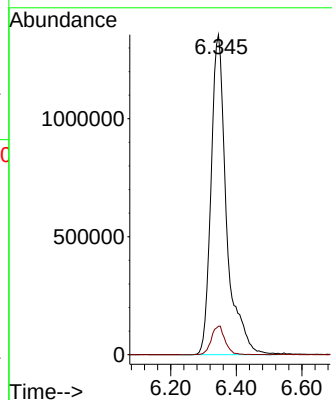
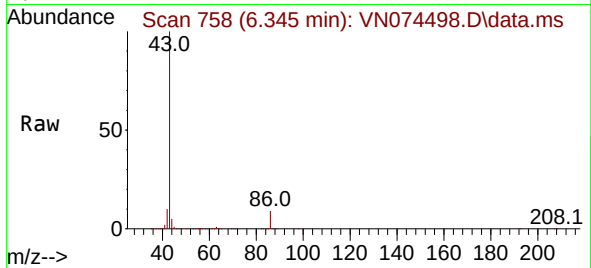
#23
 Vinyl Acetate
 Concen: 276.106 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074498.D
 Acq: 16 Sep 2022 09:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 4468119
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.0 15.0

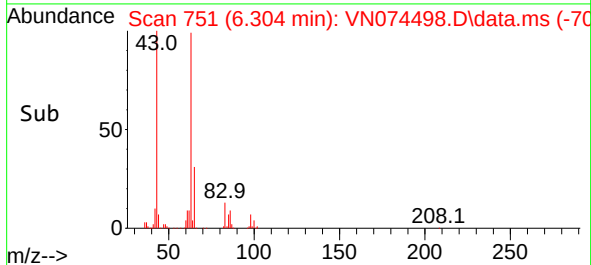
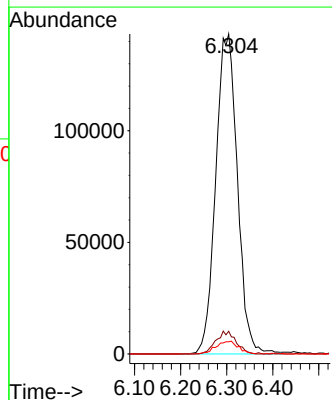
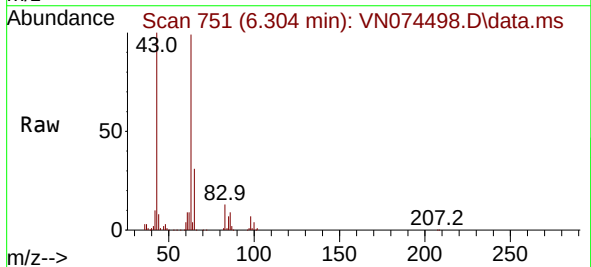
Manual Integrations
 APPROVED

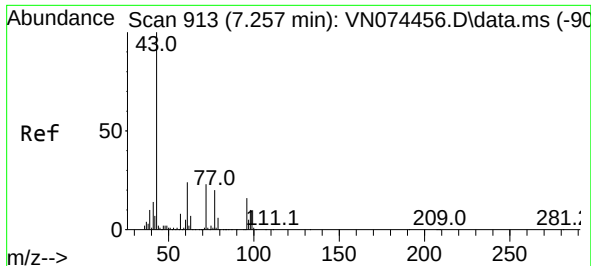
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#24
 1,1-Dichloroethane
 Concen: 50.927 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074498.D
 Acq: 16 Sep 2022 09:47

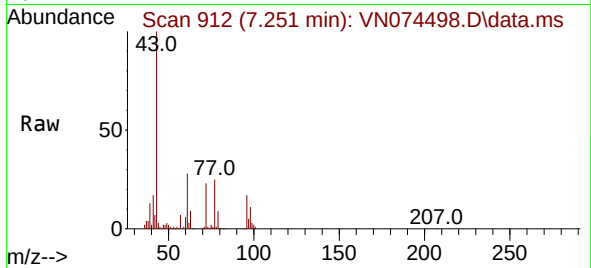
Tgt Ion: 63 Resp: 467061
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 3.8 2.3 6.8





#25
2-Butanone
Concen: 255.369 ug/l
RT: 7.251 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

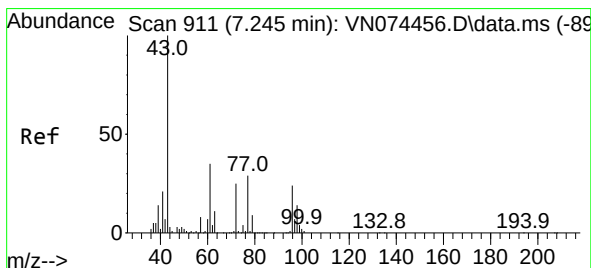
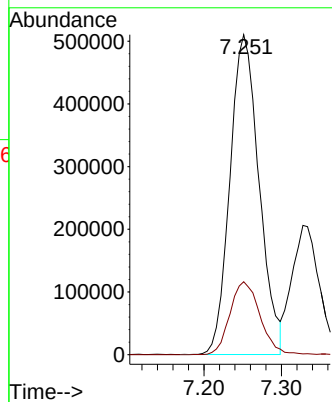
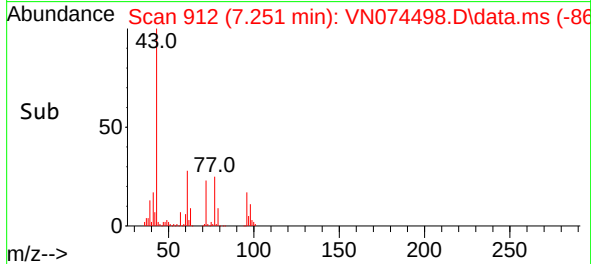
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1337494
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5

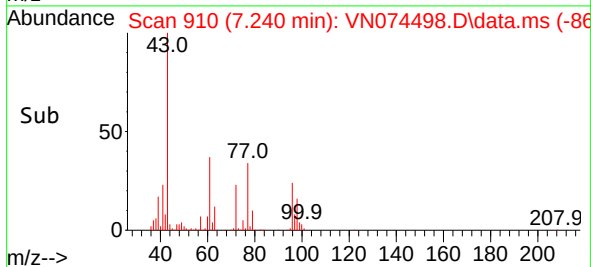
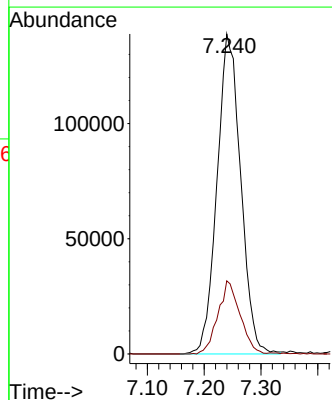
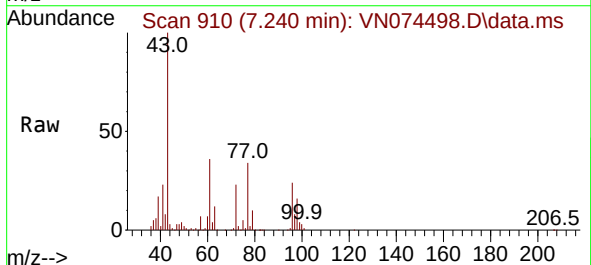
Manual Integrations
APPROVED

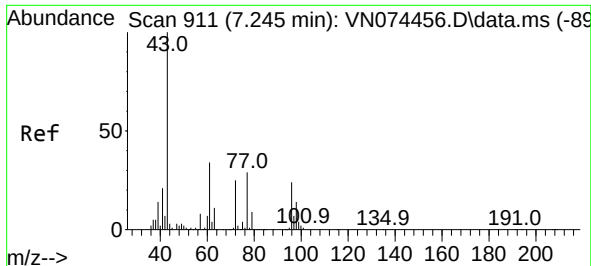
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
2,2-Dichloropropane
Concen: 50.854 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.005 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

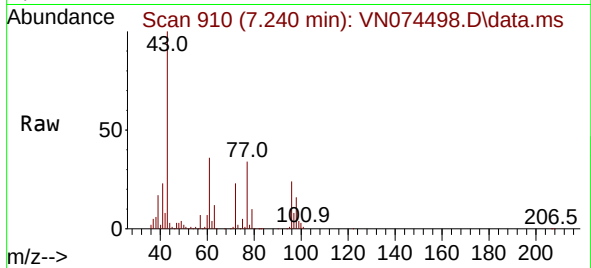
Tgt Ion: 77 Resp: 402104
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 49.767 ug/l
RT: 7.240 min Scan# 911
Delta R.T. -0.005 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

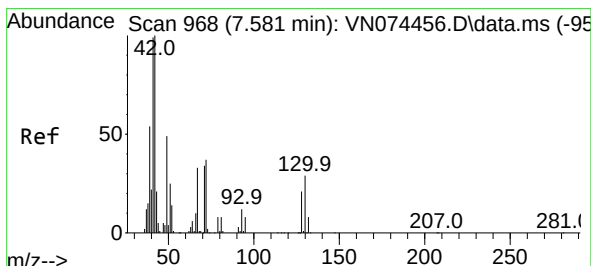
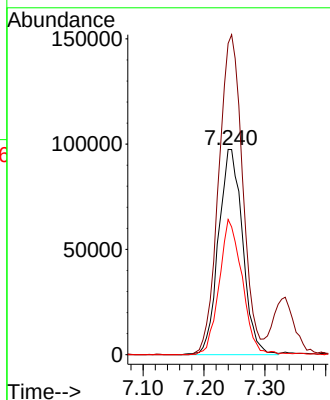
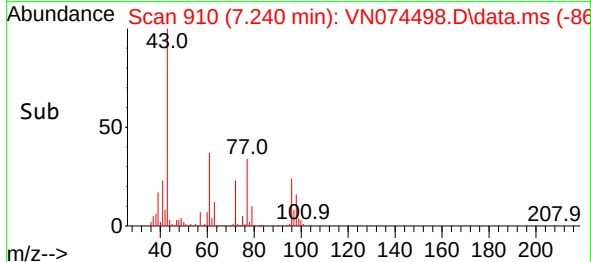
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



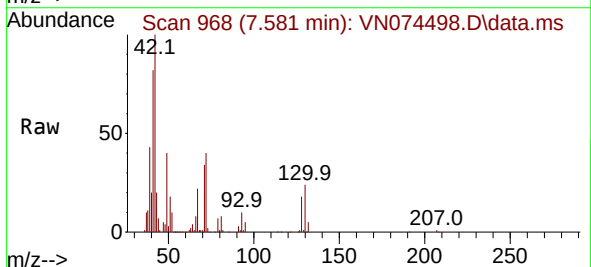
Tgt Ion: 96 Resp: 26773
Ion Ratio Lower Upper
96 100
61 154.6 0.0 280.6
98 63.0 0.0 128.4

Manual Integrations
APPROVED

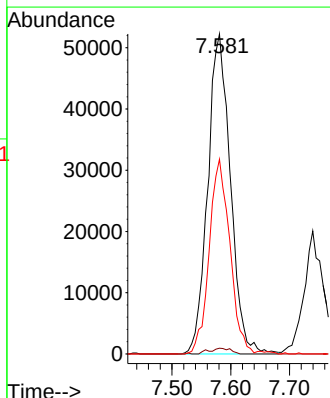
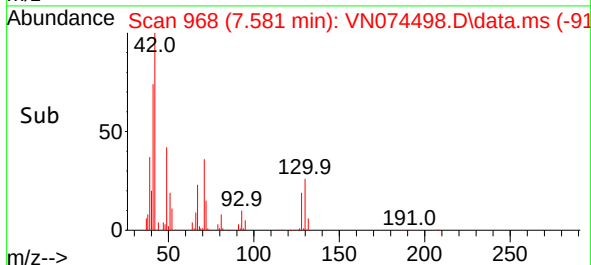
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

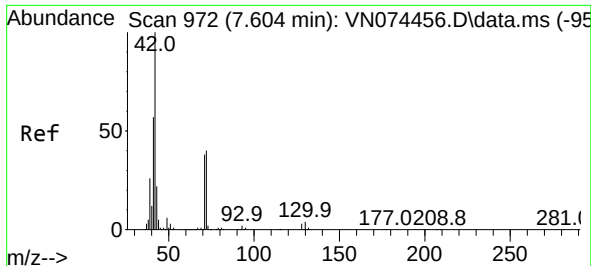


#28
Bromochloromethane
Concen: 51.820 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



Tgt Ion: 49 Resp: 139954
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.6
130 55.5 69.7 104.5#





#29

Tetrahydrofuran

Concen: 253.923 ug/l

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074498.D

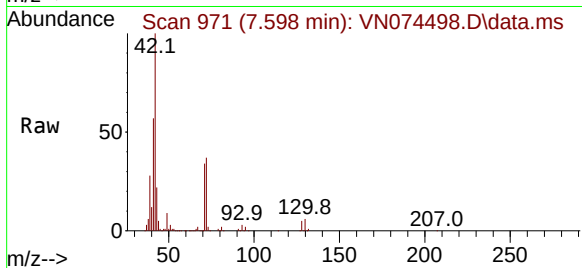
Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



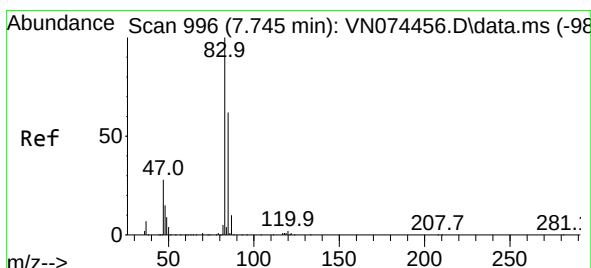
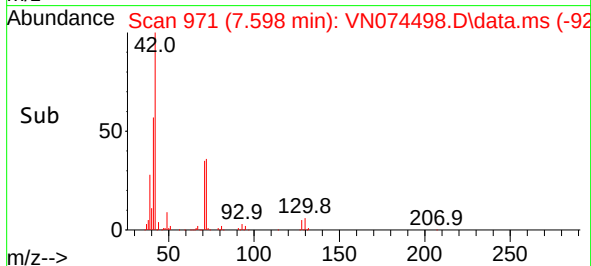
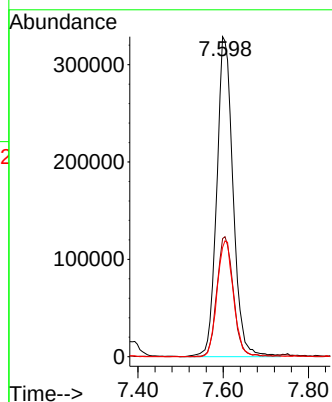
Tgt Ion:	42	Resp:	87440
Ion Ratio	100	Lower	Upper
72	37.7	39.7	59.5
71	36.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 52.855 ug/l

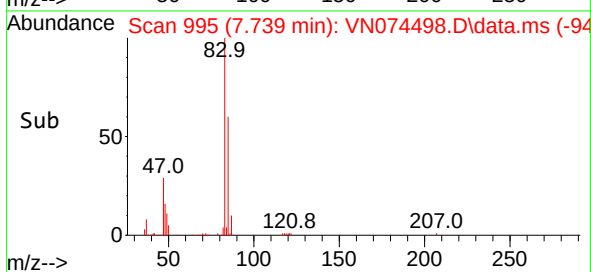
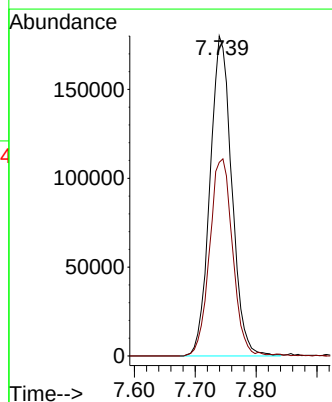
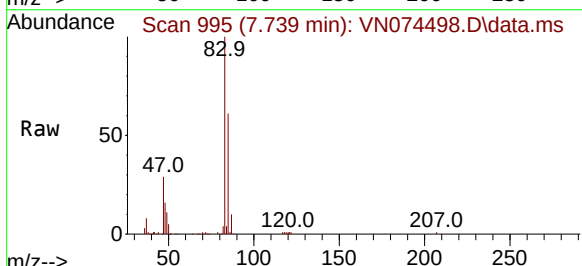
RT: 7.739 min Scan# 995

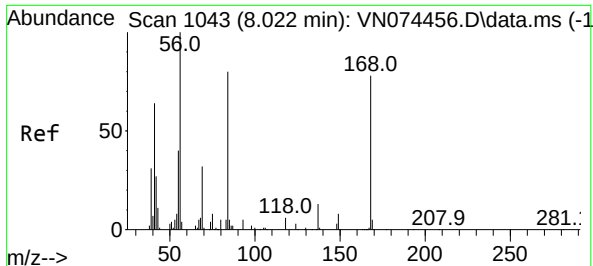
Delta R.T. -0.006 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

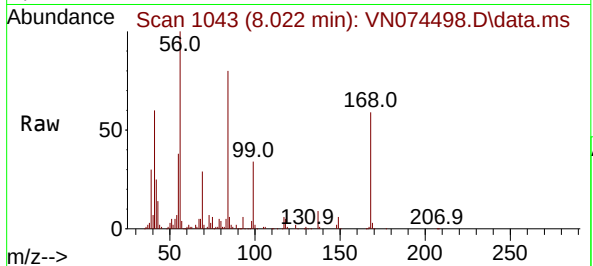
Tgt Ion:	83	Resp:	447410
Ion Ratio	100	Lower	Upper
85	60.5	51.8	77.8





#31
Cyclohexane
Concen: 50.241 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

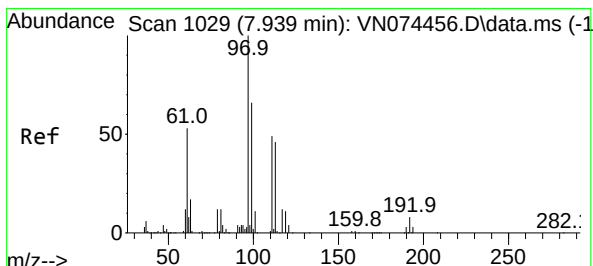
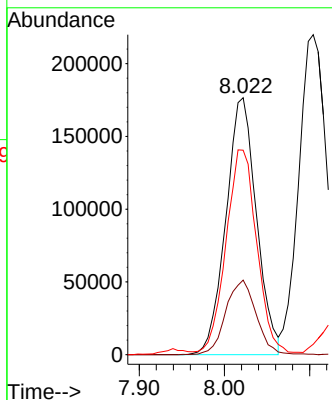
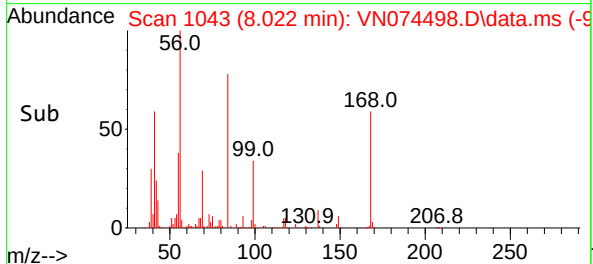
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



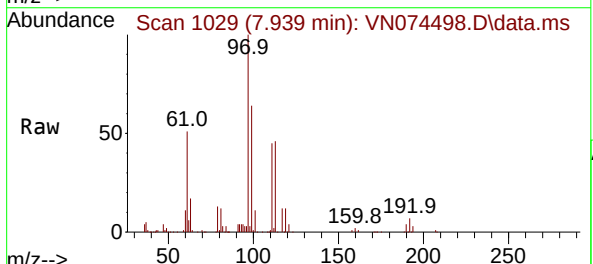
Tgt Ion: 56 Resp: 439618
Ion Ratio Lower Upper
56 100
69 29.0 27.8 41.8
84 77.9 76.9 115.3

Manual Integrations
APPROVED

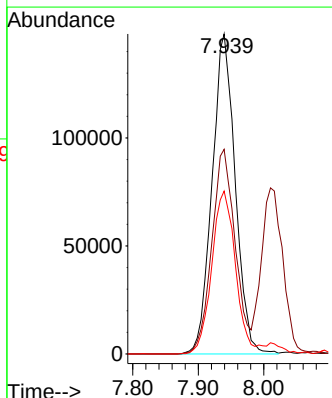
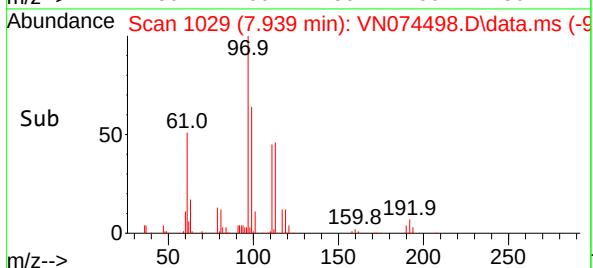
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

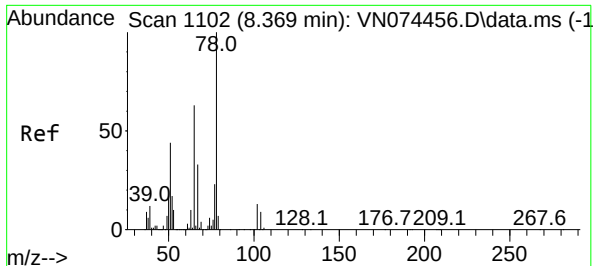


#32
1,1,1-Trichloroethane
Concen: 48.862 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



Tgt Ion: 97 Resp: 362763
Ion Ratio Lower Upper
97 100
99 65.0 50.6 76.0
61 51.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.692 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 249890

Ion Ratio Lower Upper

65 100

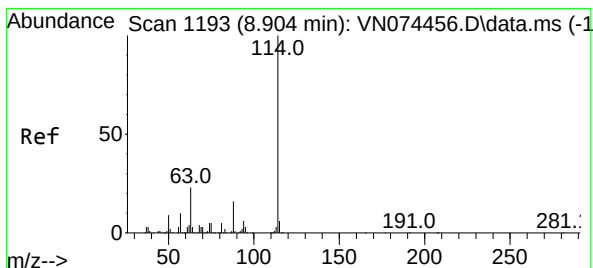
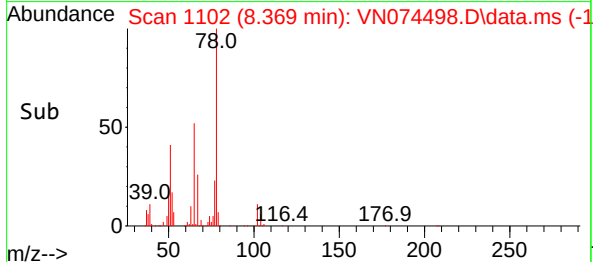
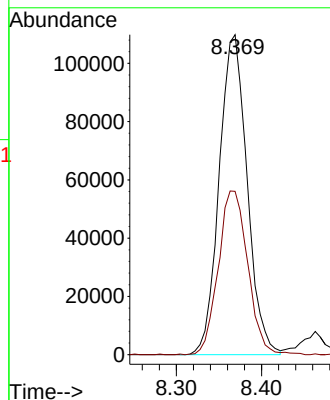
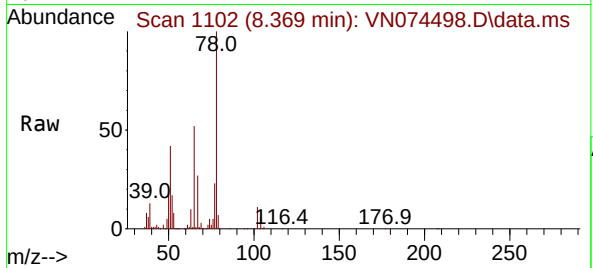
67 54.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

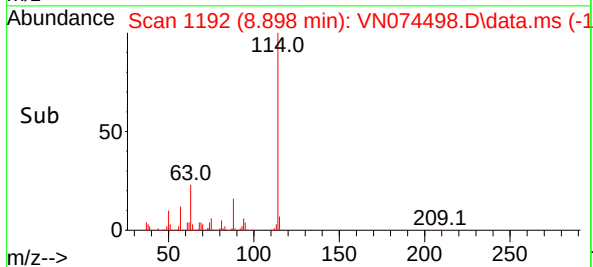
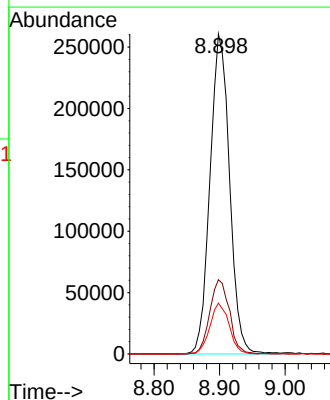
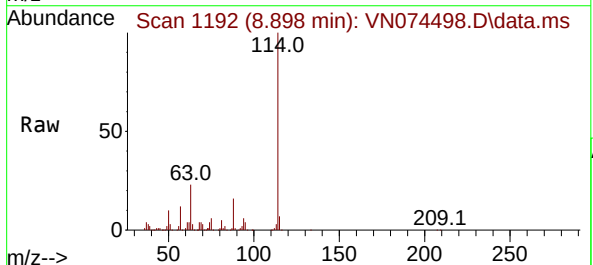
Tgt Ion:114 Resp: 540043

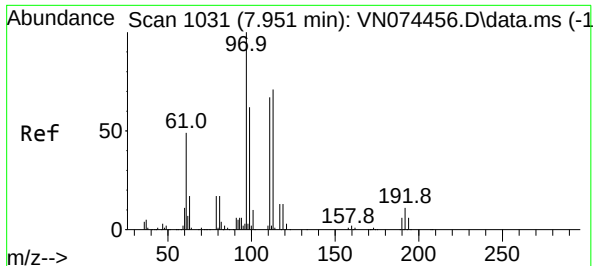
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

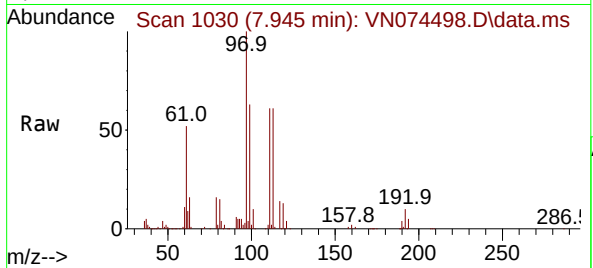
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.437 ug/l
RT: 7.945 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

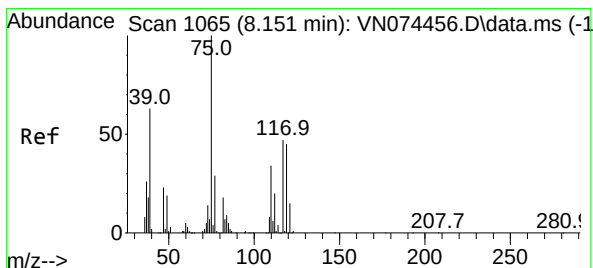
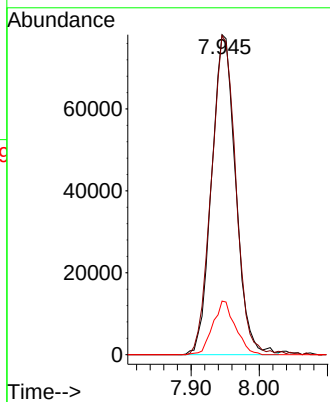
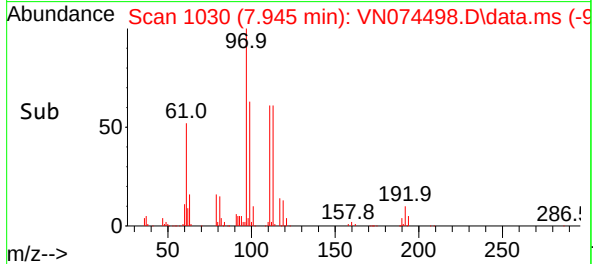
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



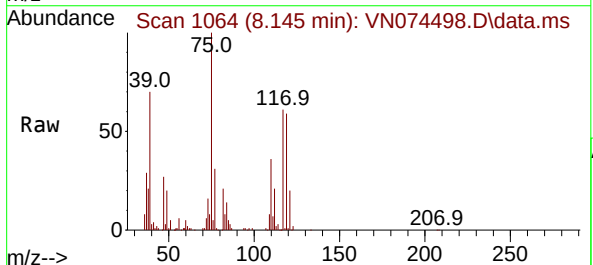
Tgt Ion: 113 Resp: 19170
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 15.7 17.0 25.6

Manual Integrations
APPROVED

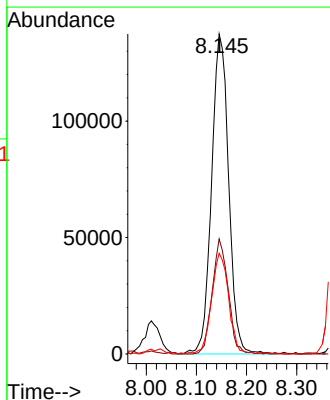
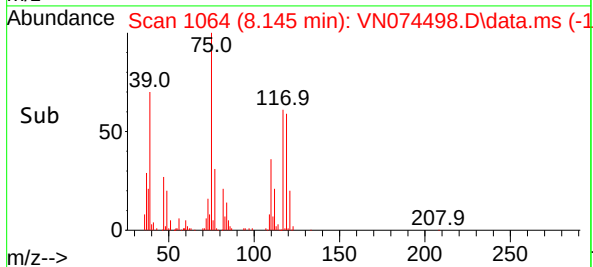
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

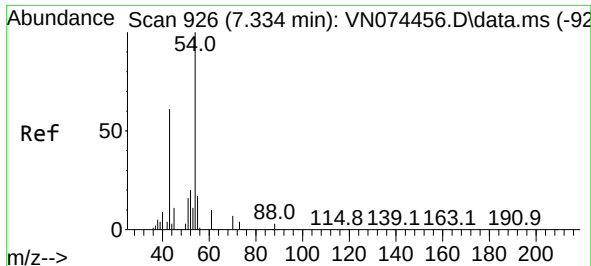


#36
1,1-Dichloropropene
Concen: 51.348 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



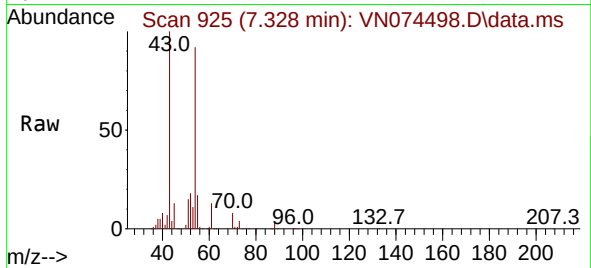
Tgt Ion: 75 Resp: 326049
Ion Ratio Lower Upper
75 100
110 33.5 18.3 54.8
77 31.5 25.1 37.7





#37
Ethyl Acetate
Concen: 53.890 ug/l
RT: 7.328 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

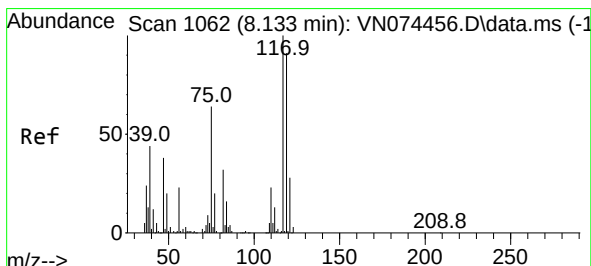
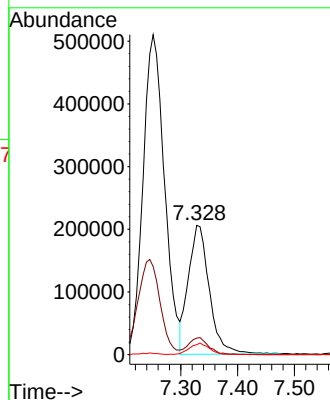
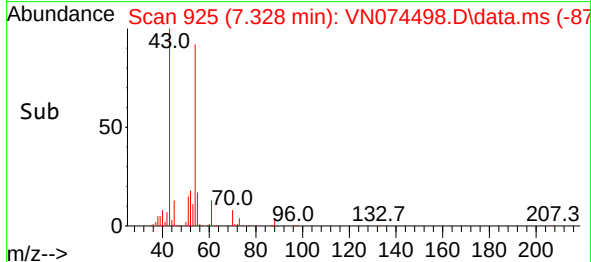
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 528458
Ion Ratio Lower Upper
43 100
61 12.7 11.8 17.6
70 8.7 9.3 13.9

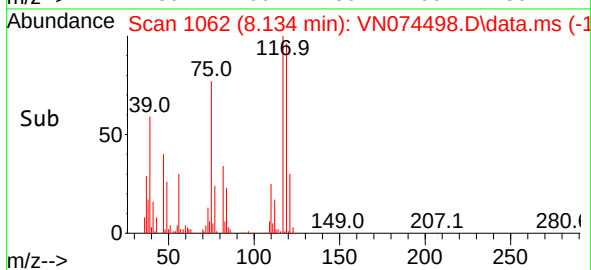
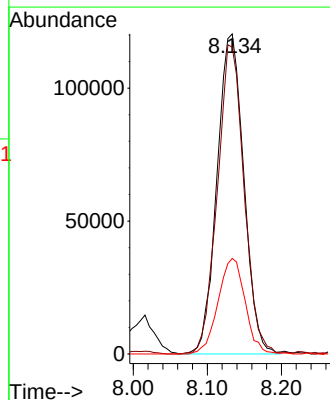
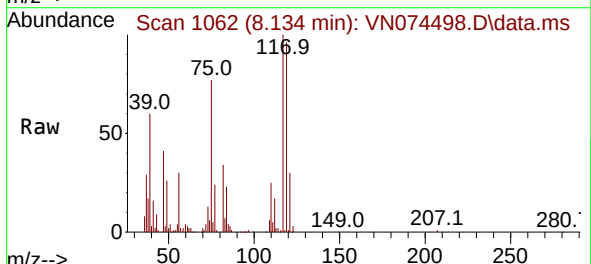
Manual Integrations
APPROVED

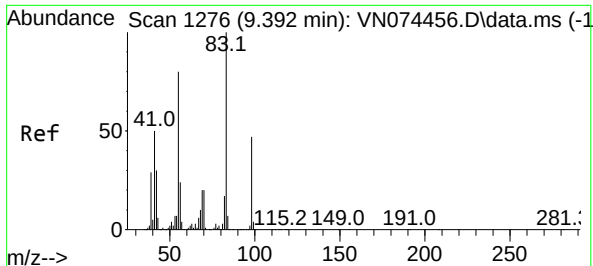
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#38
Carbon Tetrachloride
Concen: 51.626 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion:117 Resp: 302664
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 55.585 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074498.D

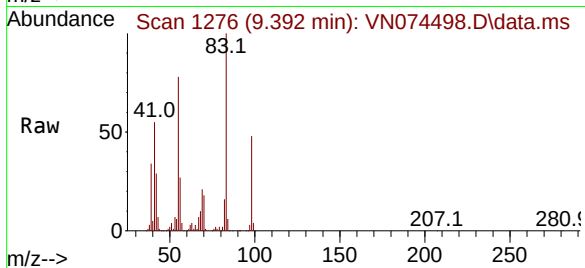
Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



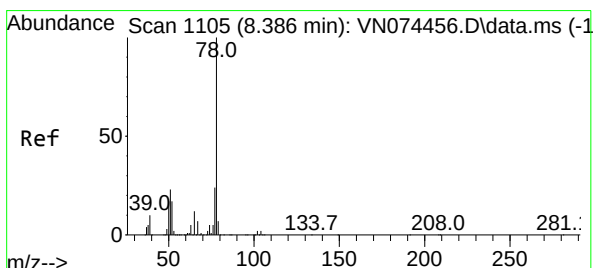
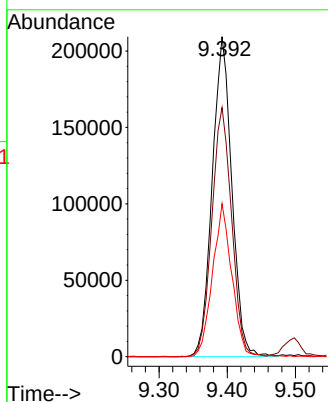
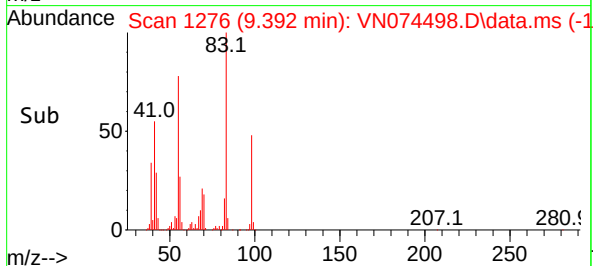
Tgt Ion:	83	Resp:	41969
Ion	Ratio	Lower	Upper
83	100		
55	77.8	57.8	86.8
98	47.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 52.892 ug/l

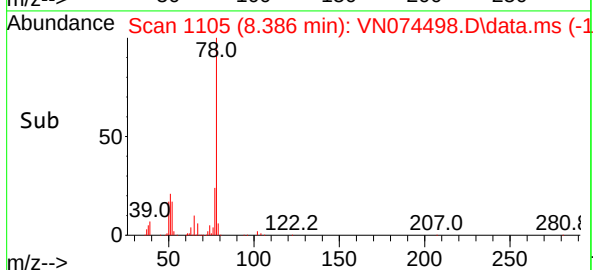
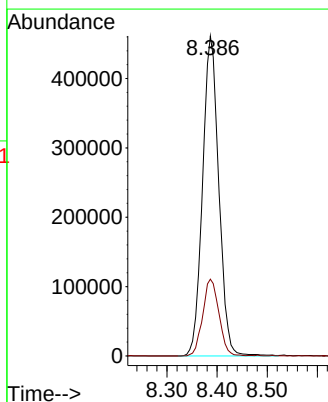
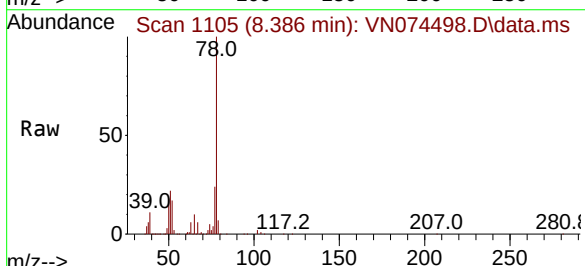
RT: 8.386 min Scan# 1105

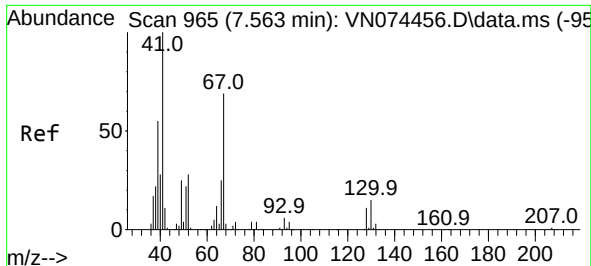
Delta R.T. 0.001 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

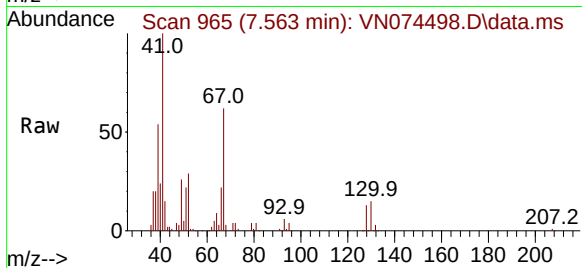
Tgt Ion:	78	Resp:	1038552
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





#41
Methacrylonitrile
Concen: 57.426 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

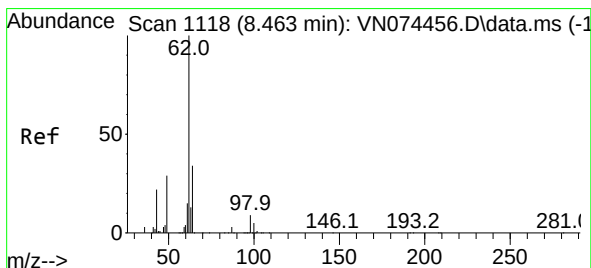
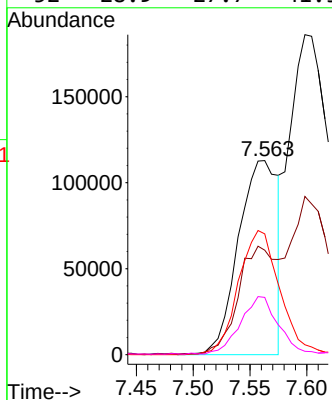
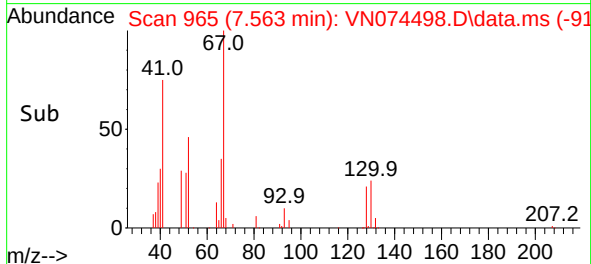
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



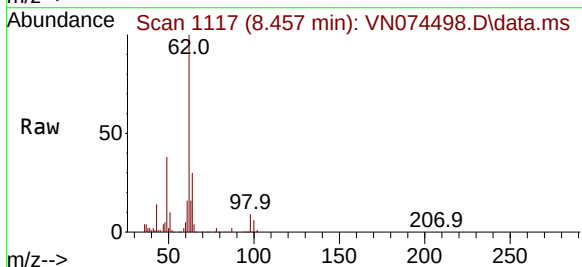
Tgt Ion: 41 Resp: 272250
Ion Ratio Lower Upper
41 100
39 53.8 48.6 73.0
67 67.4 73.4 110.2
52 28.9 27.7 41.5

Manual Integrations
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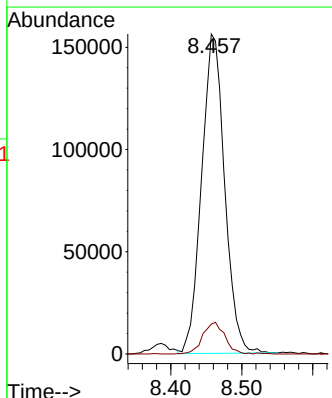
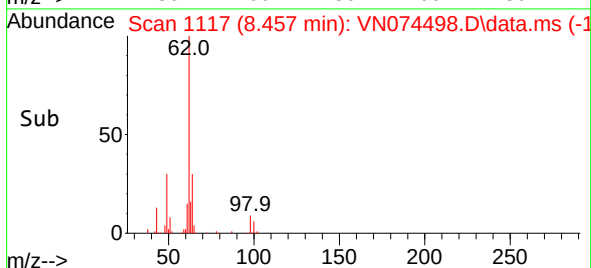
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

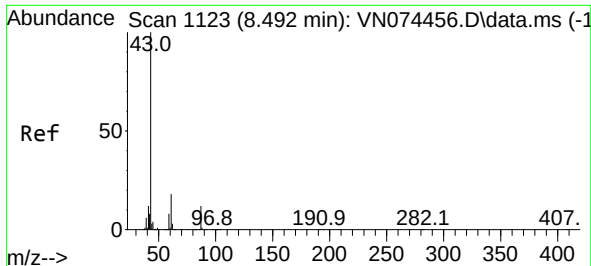


#42
1,2-Dichloroethane
Concen: 52.339 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



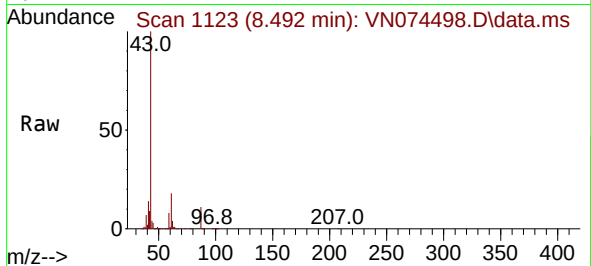
Tgt Ion: 62 Resp: 352670
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 53.952 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

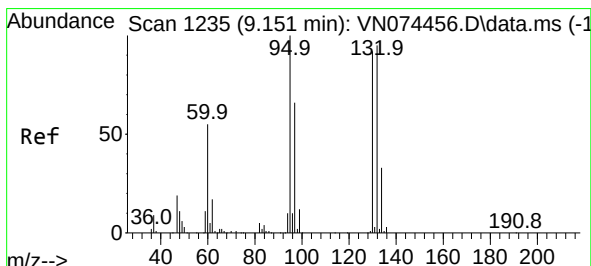
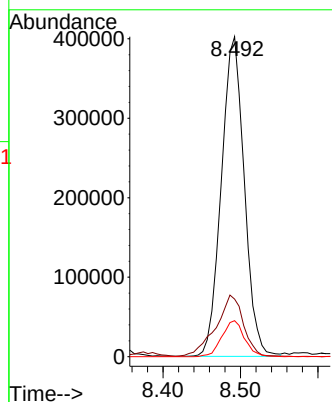
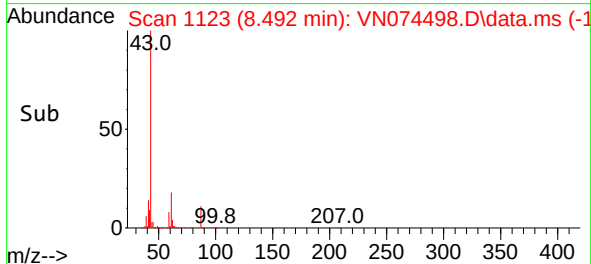
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



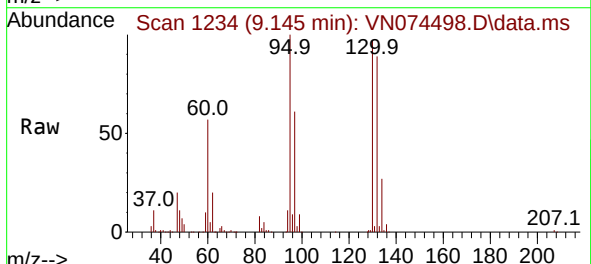
Tgt Ion: 43 Resp: 828720
Ion Ratio Lower Upper
43 100
61 23.2 21.9 32.9
87 11.1 12.0 18.0

Manual Integrations
APPROVED

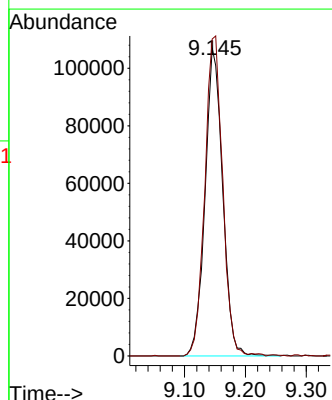
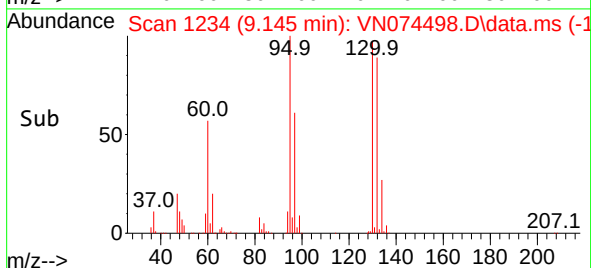
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

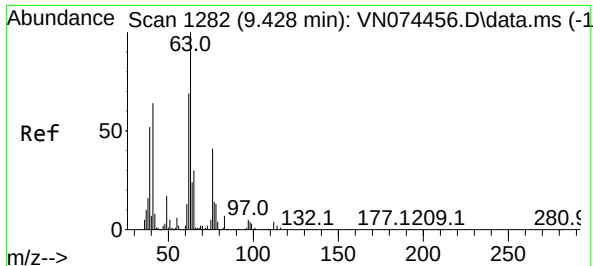


#44
Trichloroethene
Concen: 50.633 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



Tgt Ion:130 Resp: 215132
Ion Ratio Lower Upper
130 100
95 102.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.329 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 287779

Ion Ratio Lower Upper

63 100

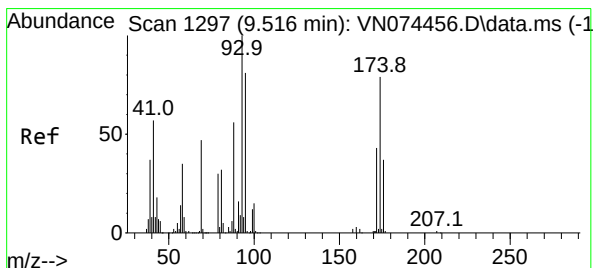
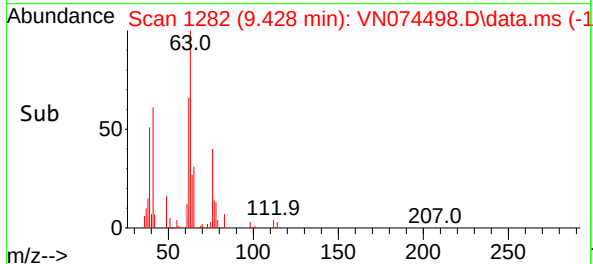
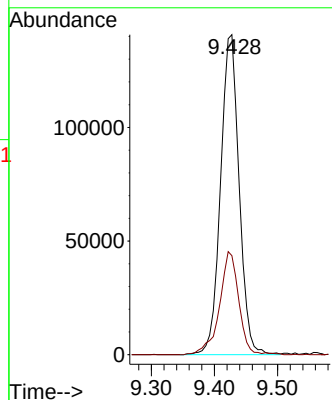
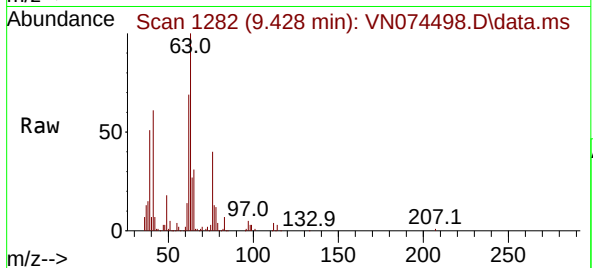
65 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 51.841 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

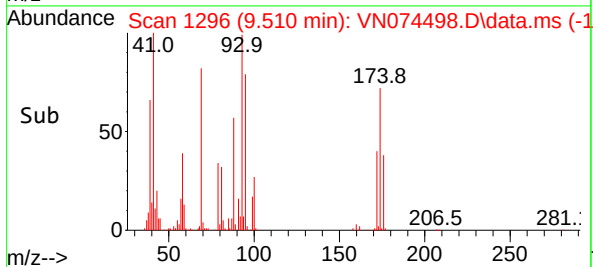
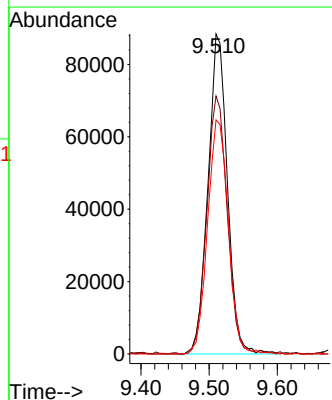
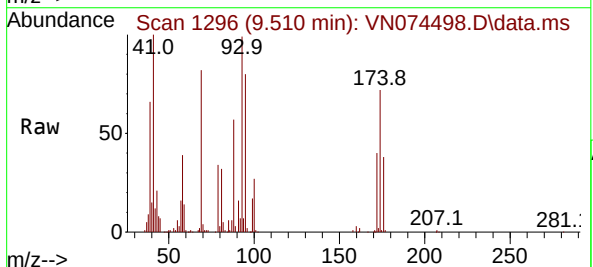
Tgt Ion: 93 Resp: 175207

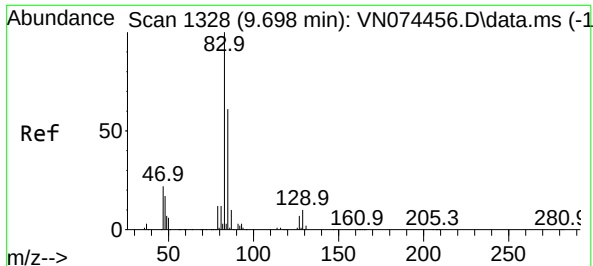
Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

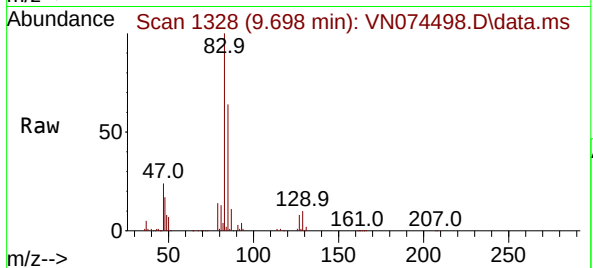
174 78.2 86.6 130.0#





#47
Bromodichloromethane
Concen: 52.893 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

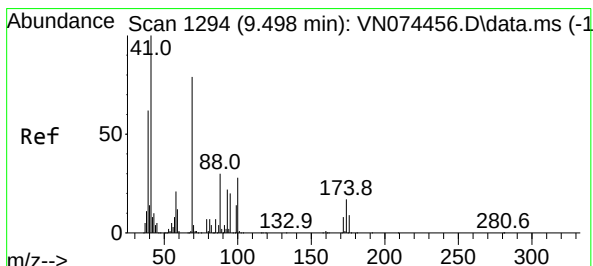
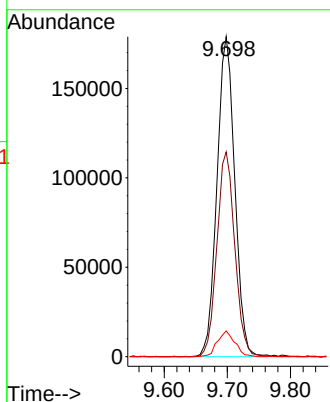
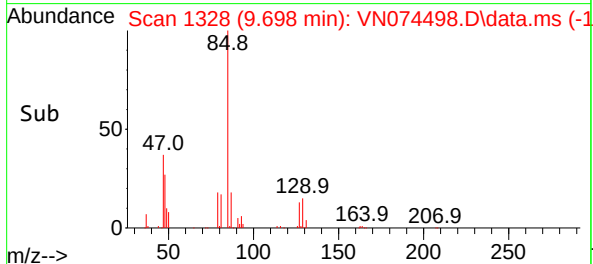
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



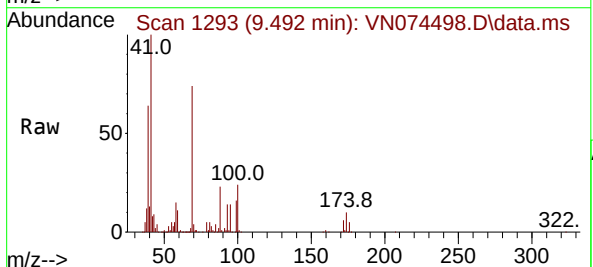
Tgt Ion: 83 Resp: 350470
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations
APPROVED

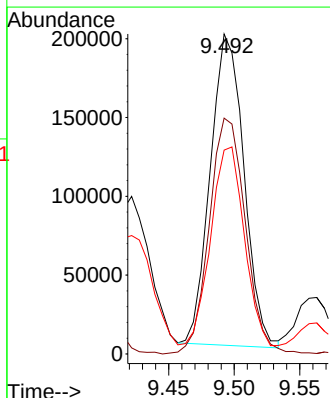
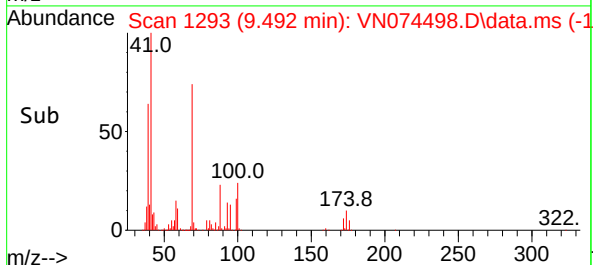
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

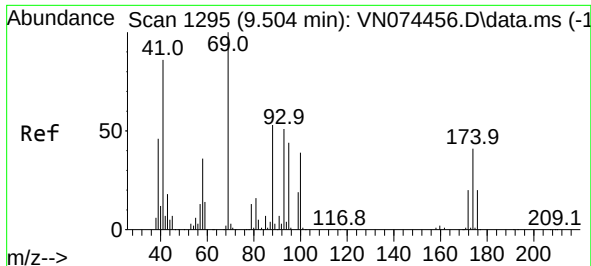


#48
Methyl methacrylate
Concen: 51.721 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



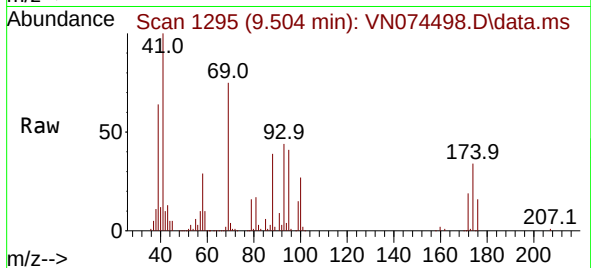
Tgt Ion: 41 Resp: 352268
Ion Ratio Lower Upper
41 100
69 81.6 74.7 112.1
39 64.6 45.6 68.4





#49
1,4-Dioxane
Concen: 940.475 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

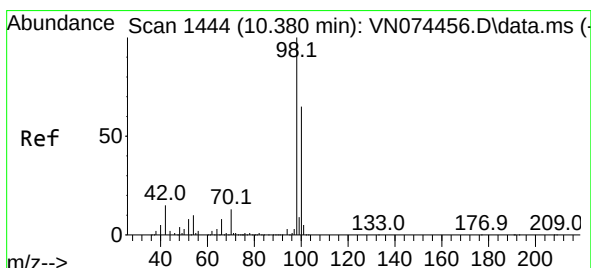
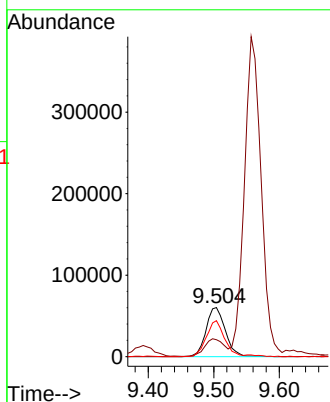
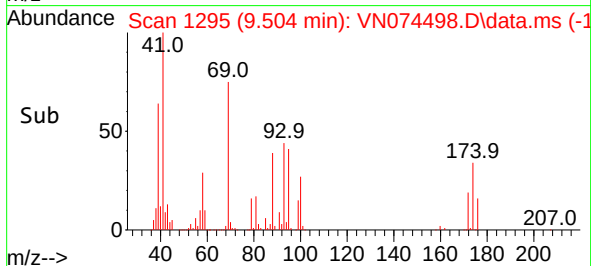
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 12315
Ion Ratio Lower Upper
88 100
43 35.5 20.2 30.4
58 69.0 54.2 81.4

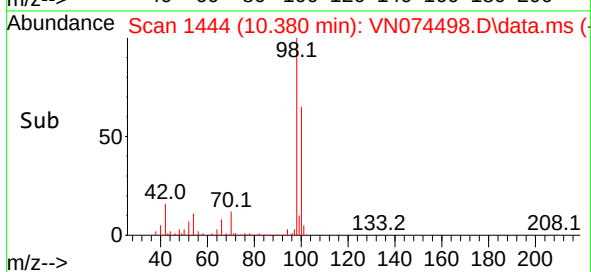
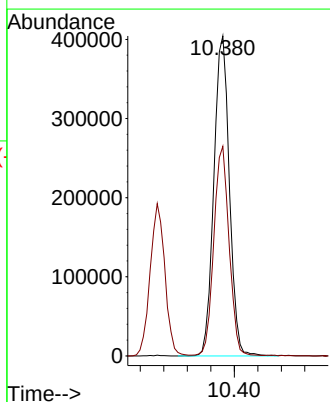
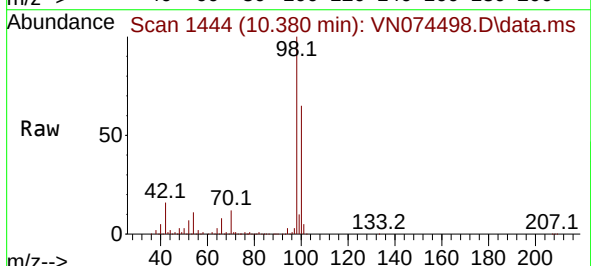
Manual Integrations
APPROVED

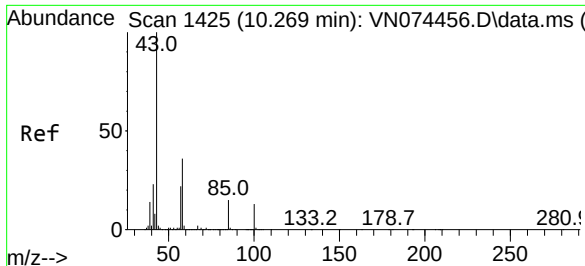
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#50
Toluene-d8
Concen: 53.391 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

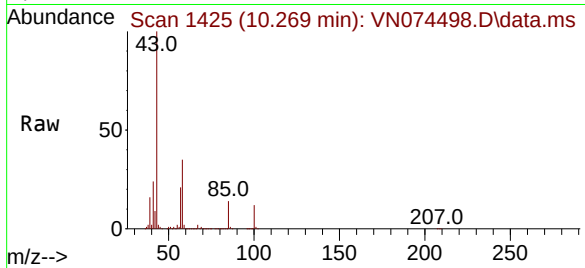
Tgt Ion: 98 Resp: 740744
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 277.701 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

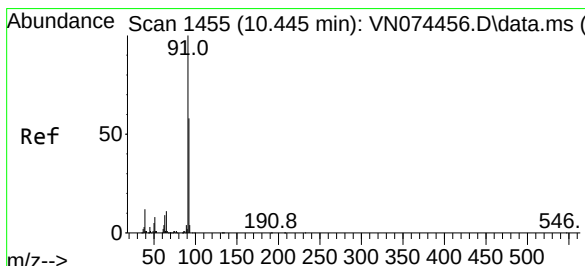
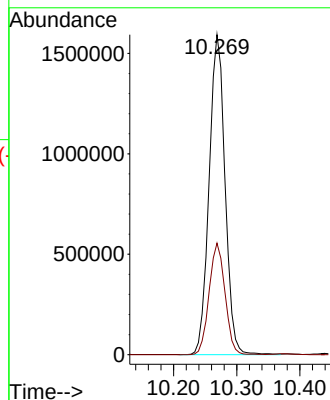
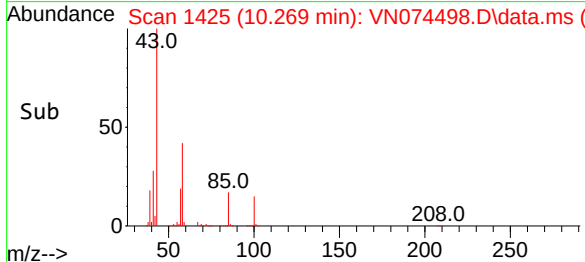
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



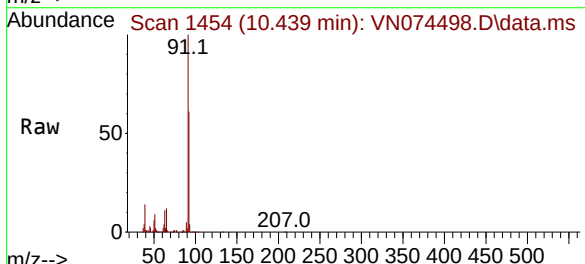
Tgt Ion: 43 Resp: 278553
Ion Ratio Lower Upper
43 100
58 34.8 34.1 51.1

Manual Integrations
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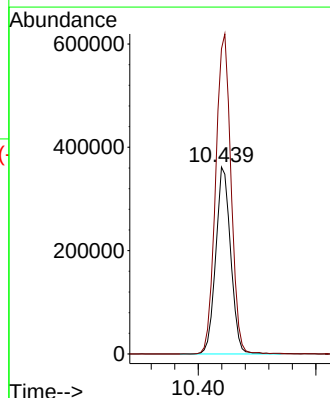
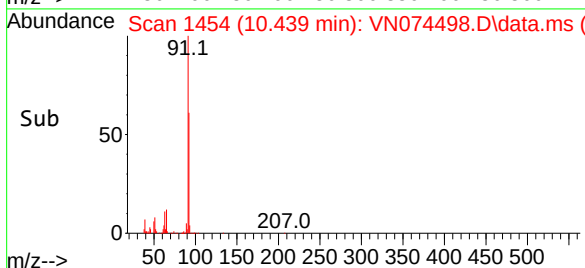
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

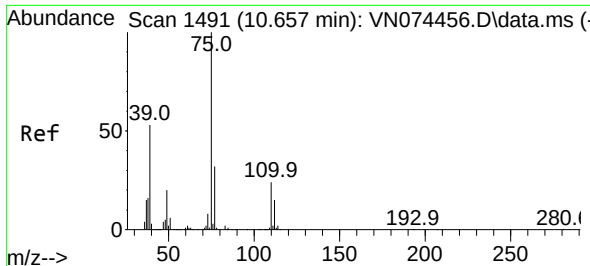


#52
Toluene
Concen: 55.347 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



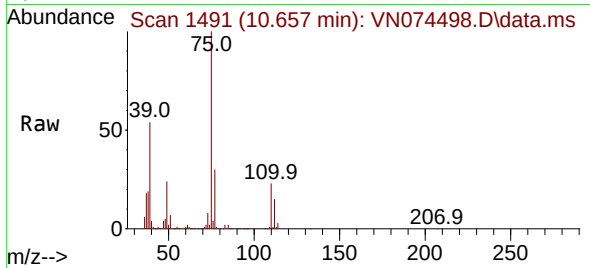
Tgt Ion: 92 Resp: 637272
Ion Ratio Lower Upper
92 100
91 175.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.182 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

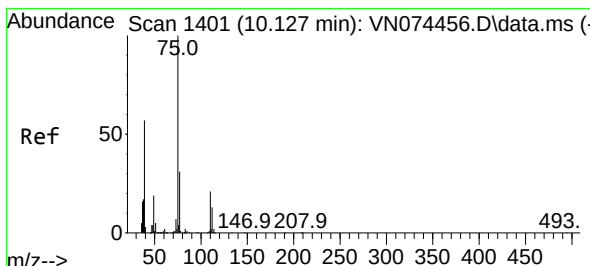
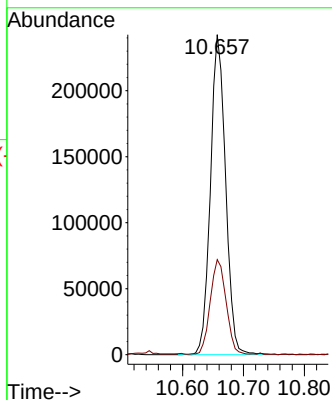
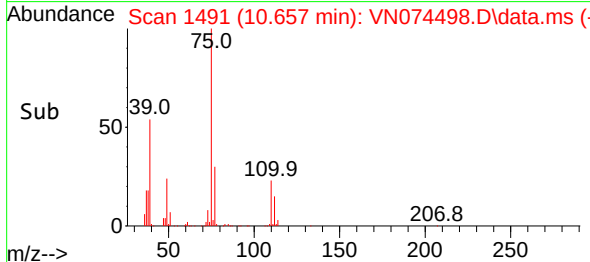
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



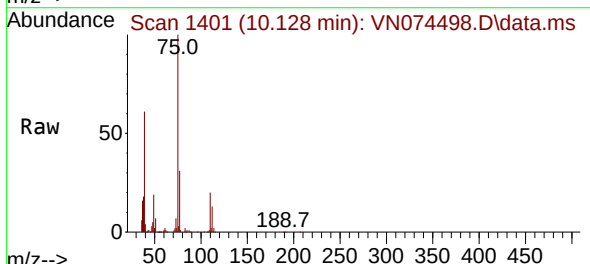
Tgt Ion: 75 Resp: 418419
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

Manual Integrations
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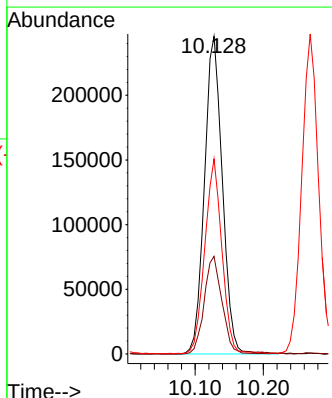
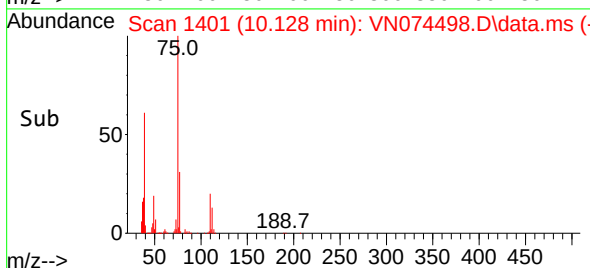
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

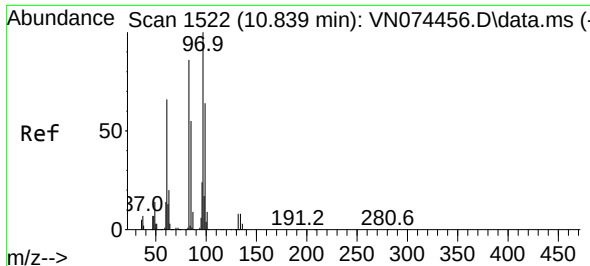


#54
cis-1,3-Dichloropropene
Concen: 54.362 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



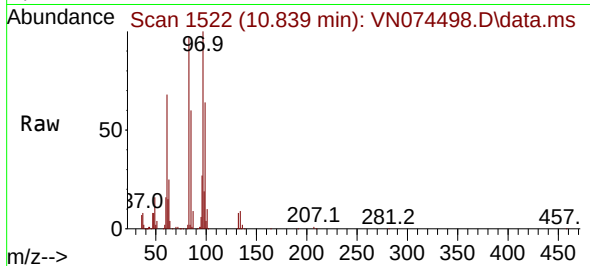
Tgt Ion: 75 Resp: 449263
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 61.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 51.547 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

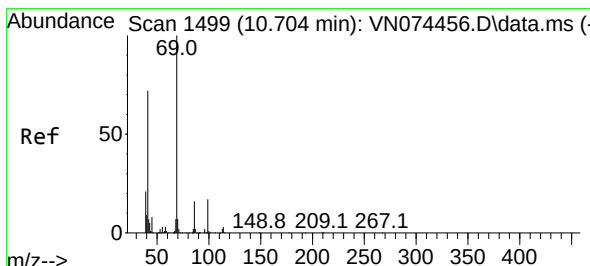
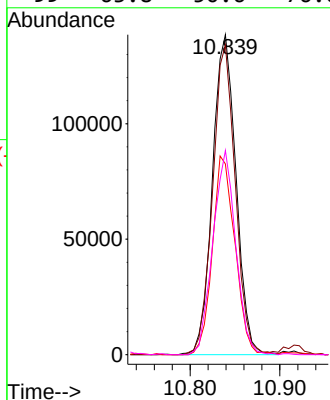
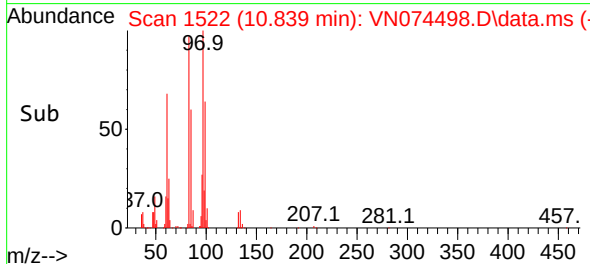


Tgt Ion: 97 Resp: 251400

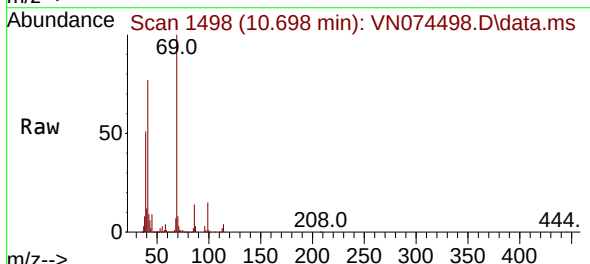
Ion	Ratio	Lower	Upper
97	100		
83	96.8	66.2	99.4
85	59.6	43.9	65.9
99	63.8	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

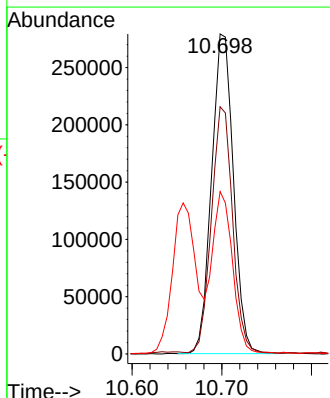
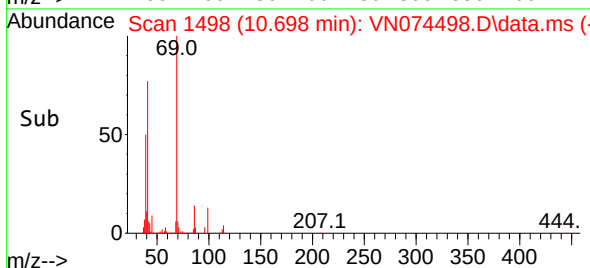


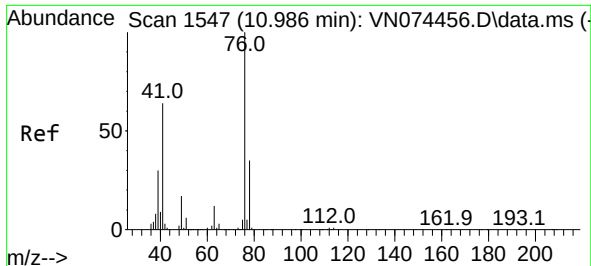
#56
Ethyl methacrylate
Concen: 54.202 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



Tgt Ion: 69 Resp: 472215

Ion	Ratio	Lower	Upper
69	100		
41	74.8	47.8	71.6#
39	46.8	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 54.684 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 46761

Ion Ratio Lower Upper

76 100

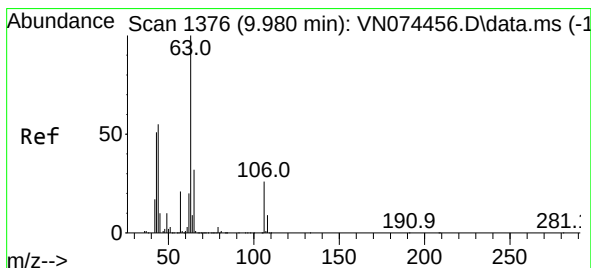
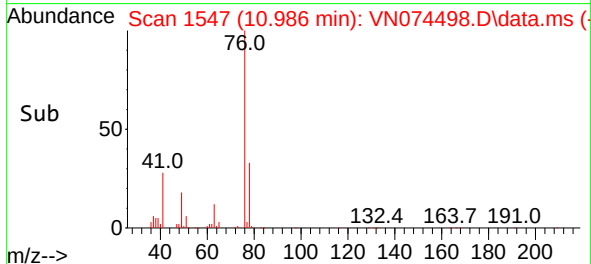
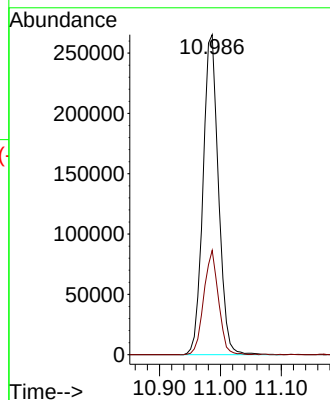
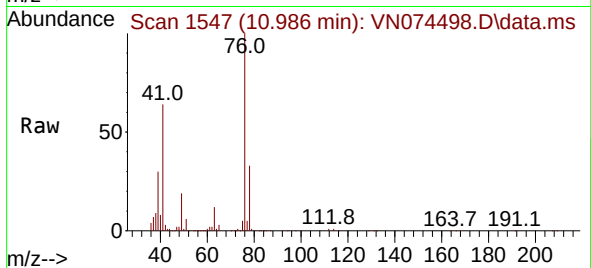
78 31.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 272.004 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VN074498.D

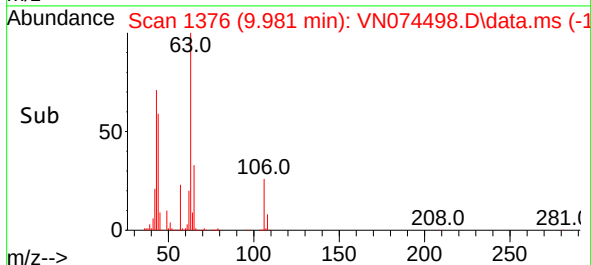
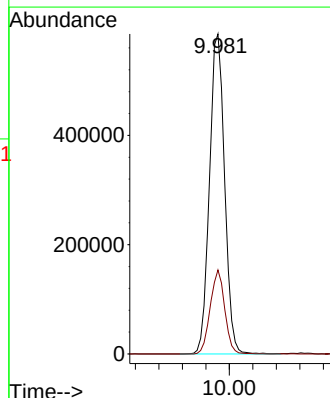
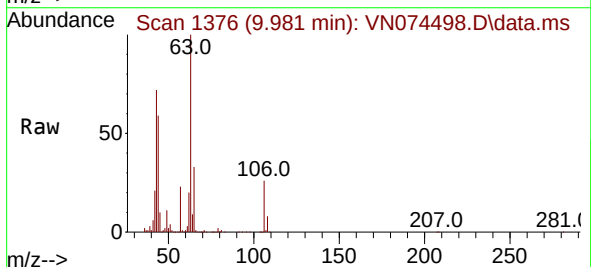
Acq: 16 Sep 2022 09:47

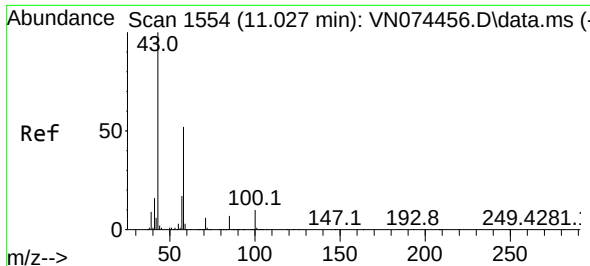
Tgt Ion: 63 Resp: 1042898

Ion Ratio Lower Upper

63 100

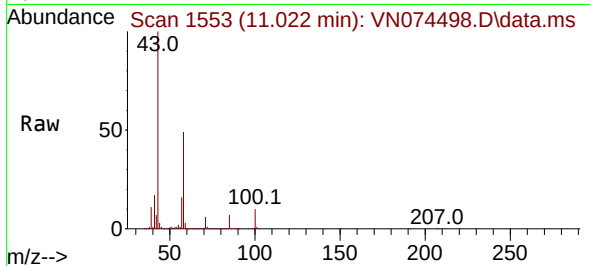
106 25.1 24.6 36.8





#59
2-Hexanone
Concen: 276.334 ug/l
RT: 11.022 min Scan# 11597
Delta R.T. -0.005 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

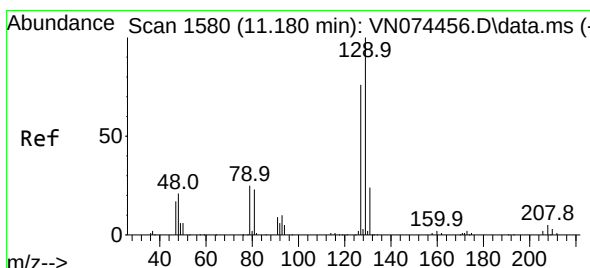
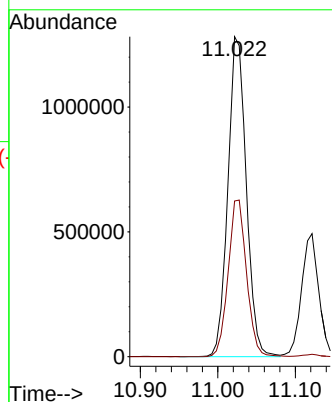
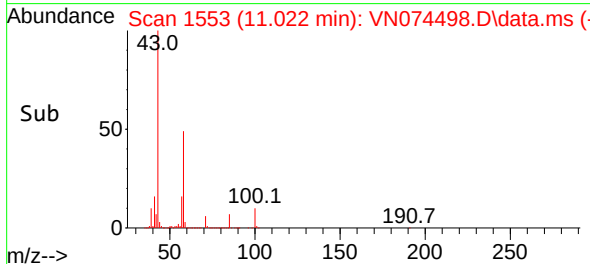
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



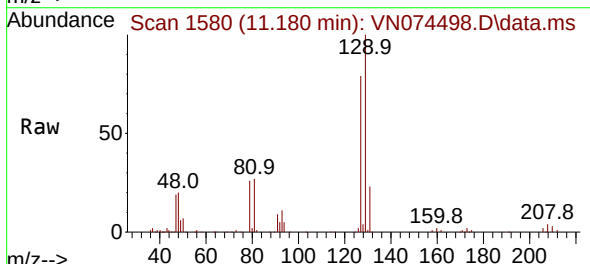
Tgt Ion: 43 Resp: 211597
Ion Ratio Lower Upper
43 100
58 49.2 29.7 89.1

Manual Integrations
APPROVED

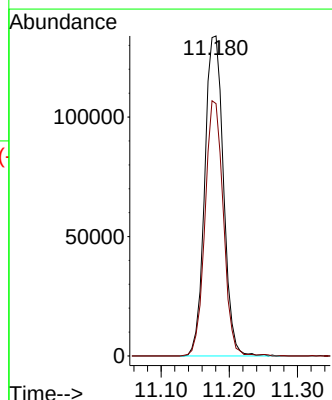
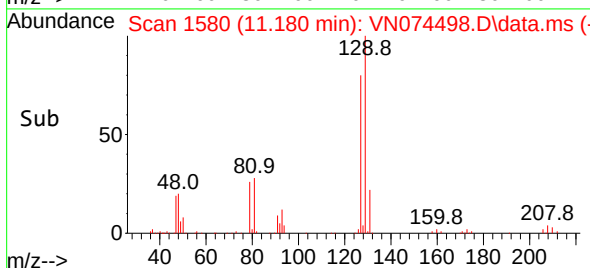
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

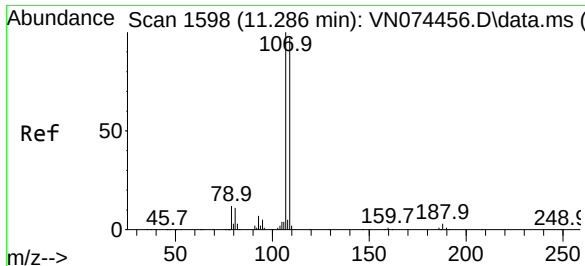


#60
Dibromochloromethane
Concen: 54.621 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



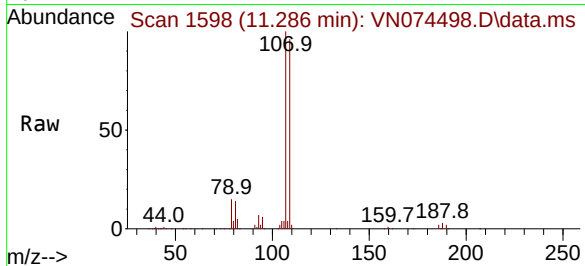
Tgt Ion:129 Resp: 255026
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.391 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

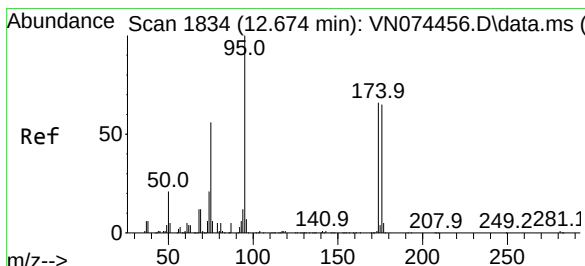
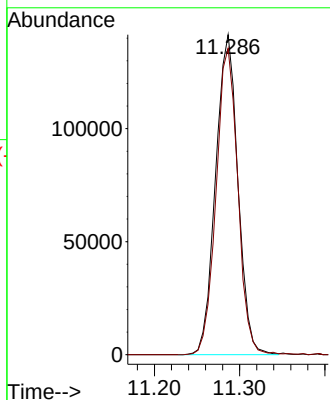
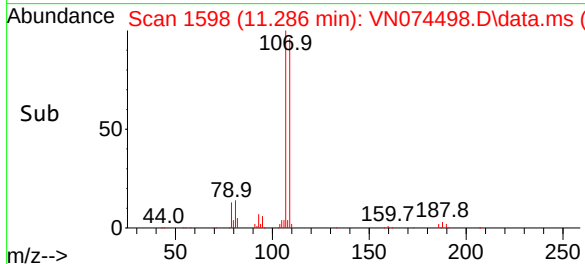
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



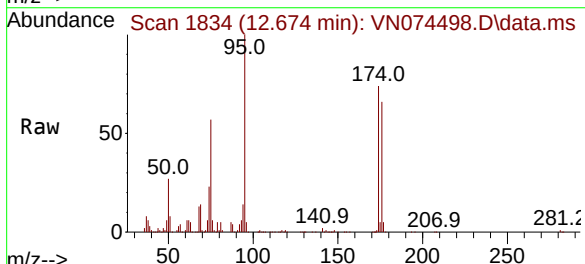
Tgt Ion:107 Resp: 257709
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6

Manual Integrations
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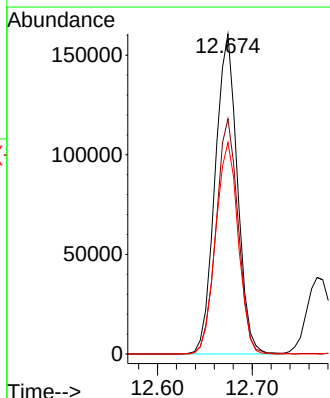
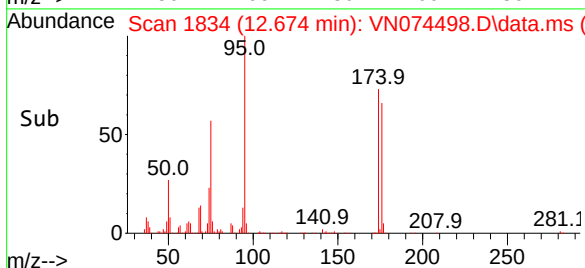
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

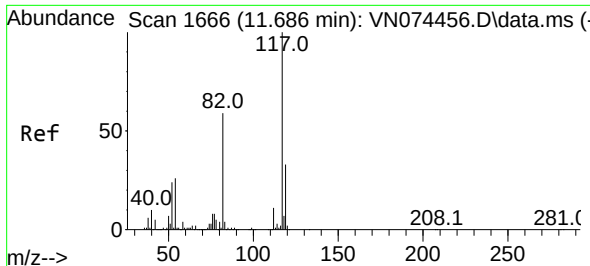


#62
4-Bromofluorobenzene
Concen: 55.180 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



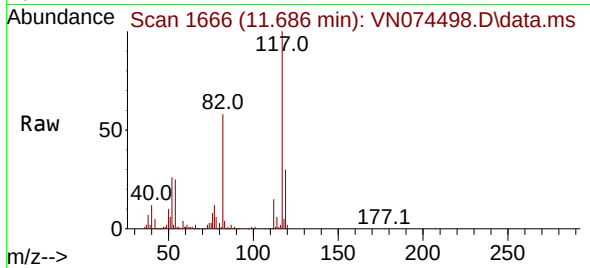
Tgt Ion: 95 Resp: 262202
Ion Ratio Lower Upper
95 100
174 72.8 0.0 167.6
176 67.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

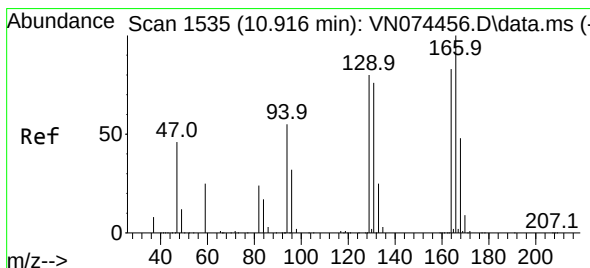
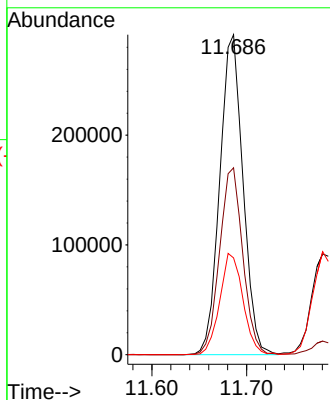
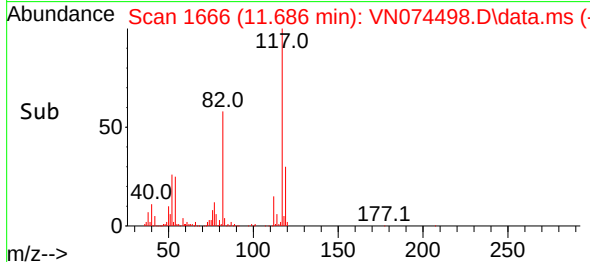
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



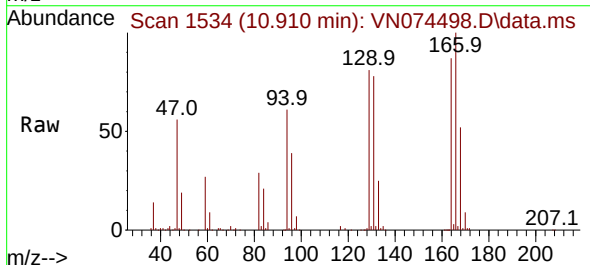
Tgt Ion:117 Resp: 496483
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 30.3 25.4 38.0

Manual Integrations
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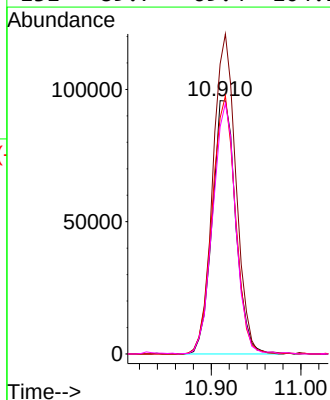
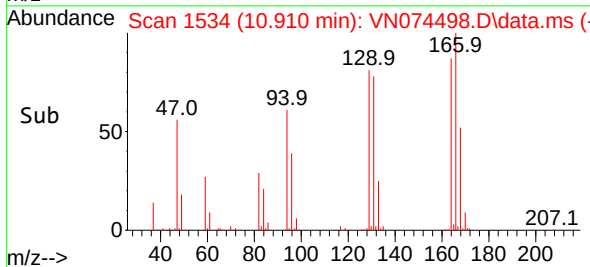
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

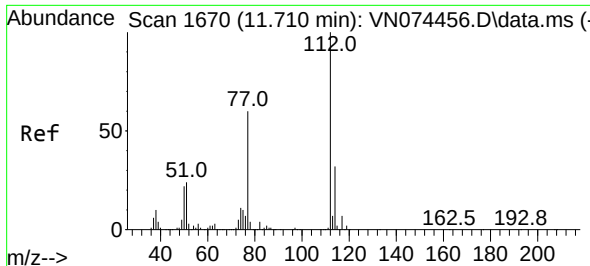


#64
Tetrachloroethene
Concen: 50.759 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



Tgt Ion:164 Resp: 172949
Ion Ratio Lower Upper
164 100
166 114.5 104.2 156.2
129 93.2 73.9 110.9
131 89.7 69.4 104.2





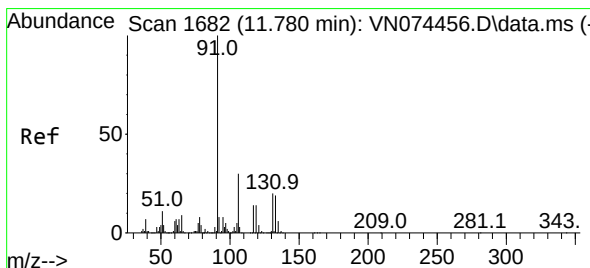
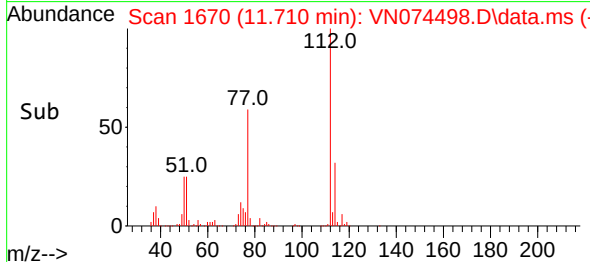
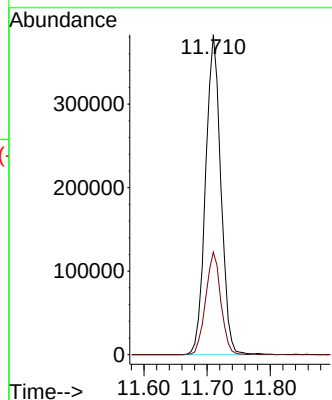
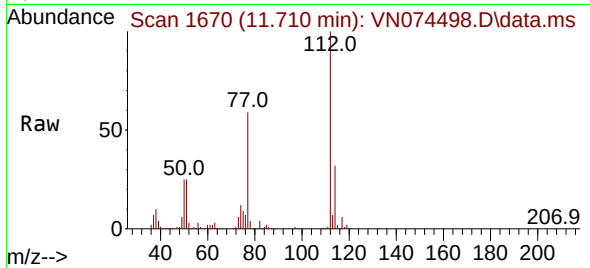
#65
Chlorobenzene
Concen: 51.587 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 642983
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

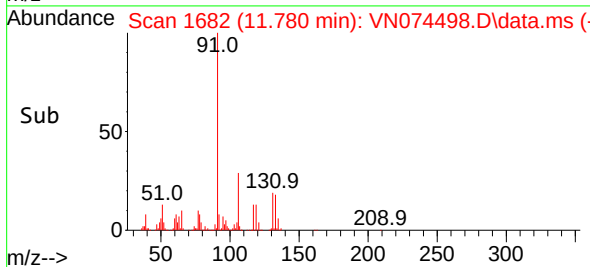
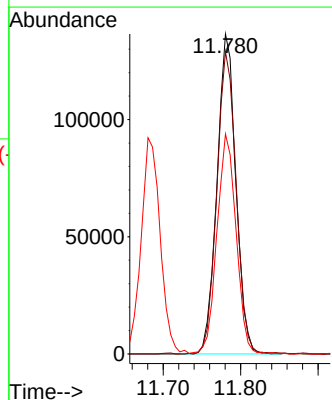
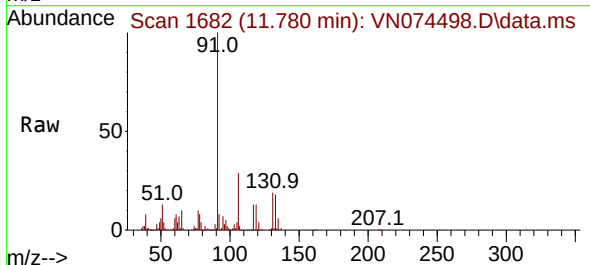
Manual Integrations
APPROVED

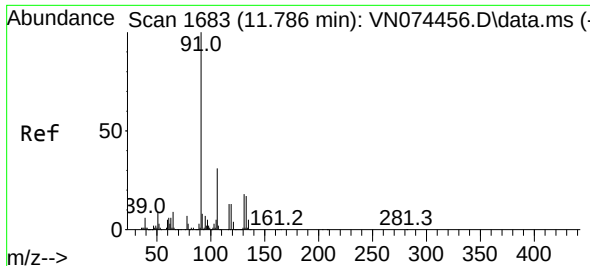
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.027 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion:131 Resp: 231075
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.4
119 69.9 33.4 100.2





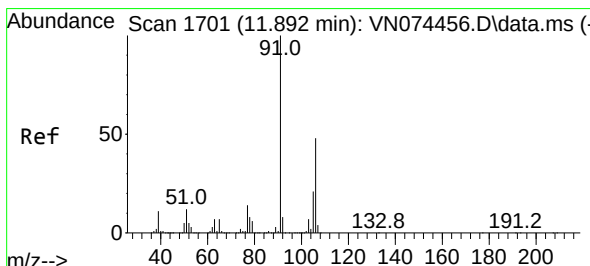
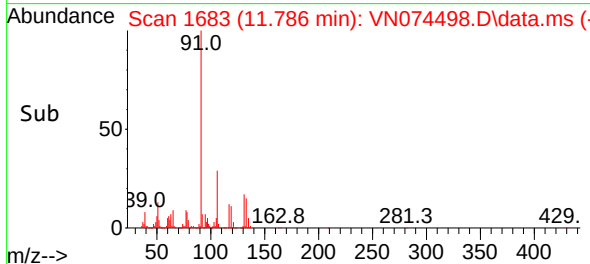
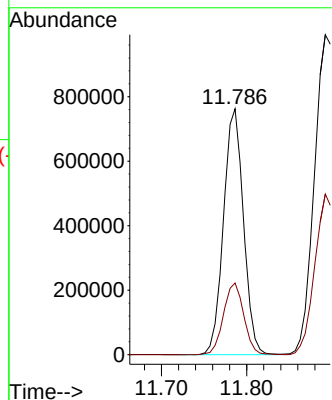
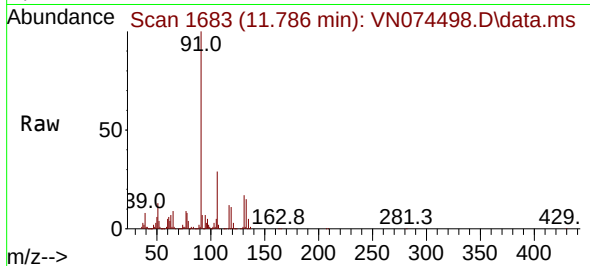
#67
Ethyl Benzene
Concen: 54.320 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1243020
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

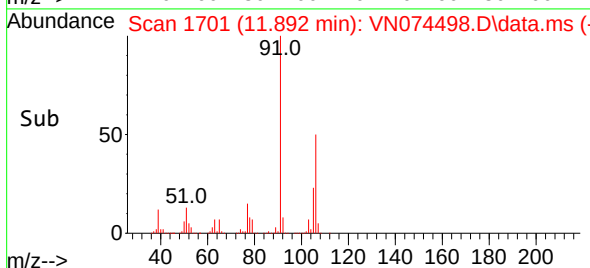
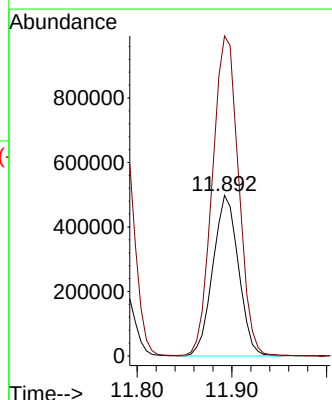
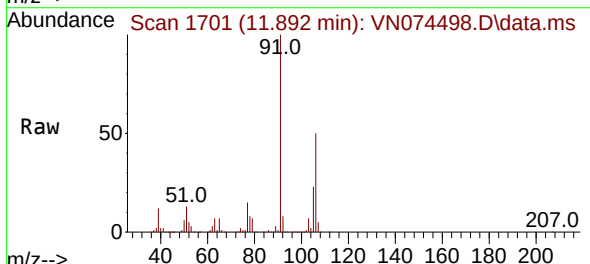
Manual Integrations
APPROVED

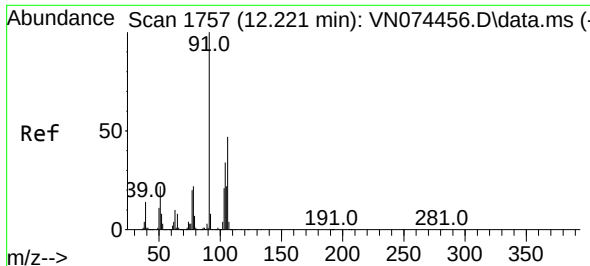
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
m/p-Xylenes
Concen: 110.360 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion:106 Resp: 933727
Ion Ratio Lower Upper
106 100
91 204.7 158.9 238.3





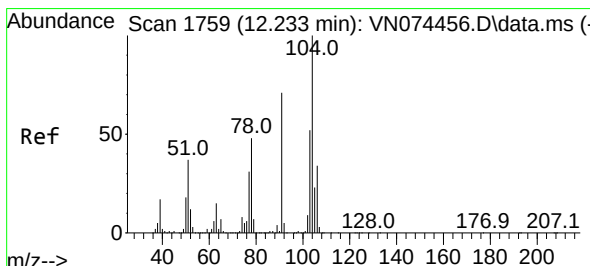
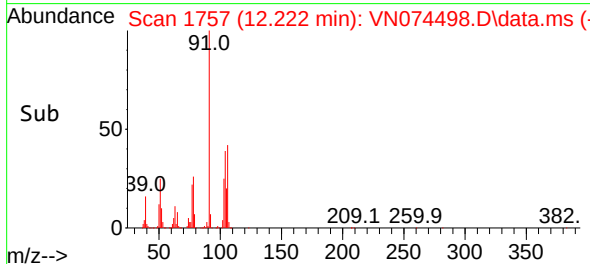
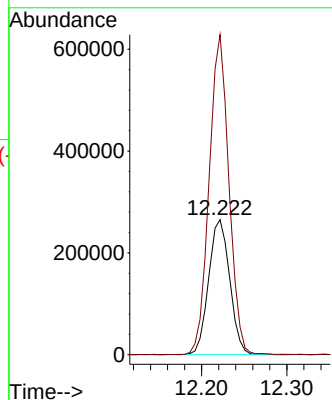
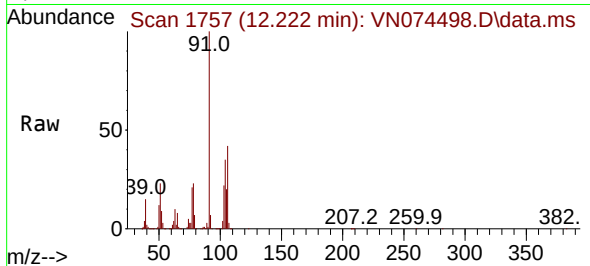
#69
o-Xylene
Concen: 52.956 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 456820
Ion Ratio Lower Upper
106 100
91 222.3 106.0 318.0

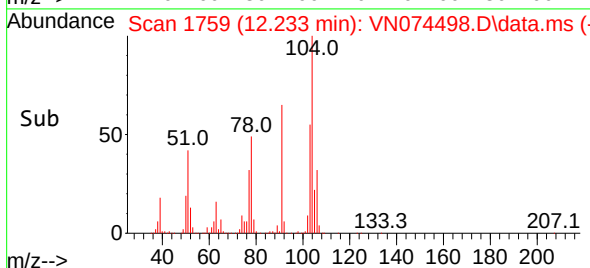
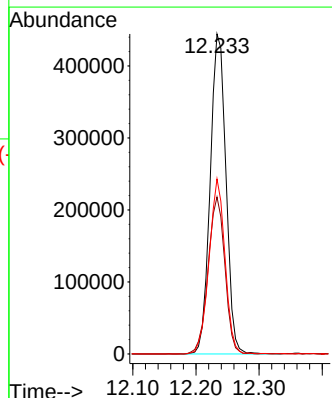
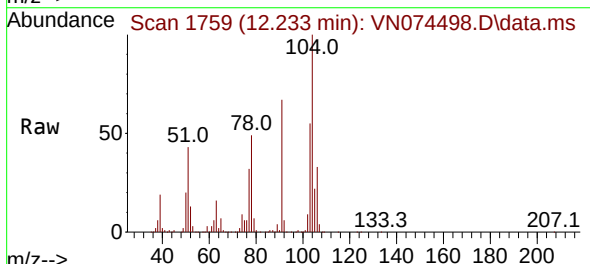
Manual Integrations
APPROVED

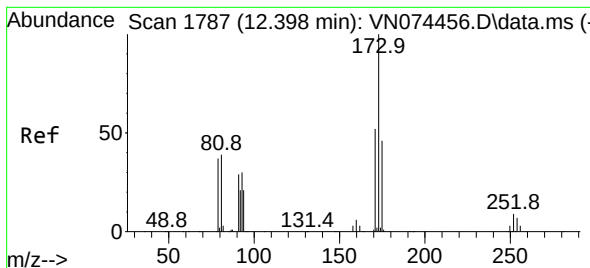
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 53.755 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion:104 Resp: 771371
Ion Ratio Lower Upper
104 100
78 52.1 39.5 59.3
103 55.2 44.0 66.0





#71

Bromoform

Concen: 53.896 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074498.D

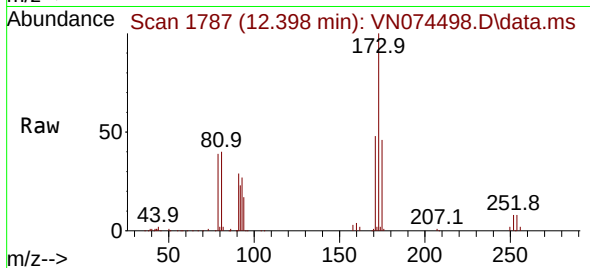
Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 179384

Ion Ratio Lower Upper

173 100

175 47.3 24.6 73.6

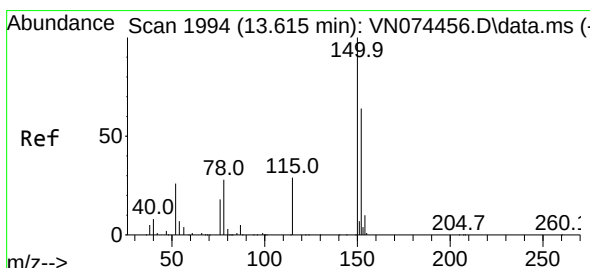
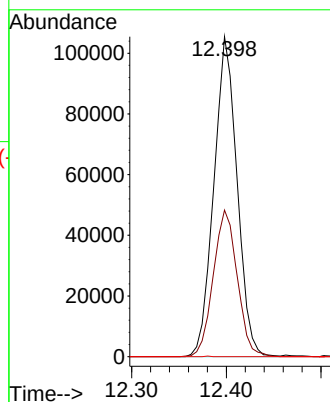
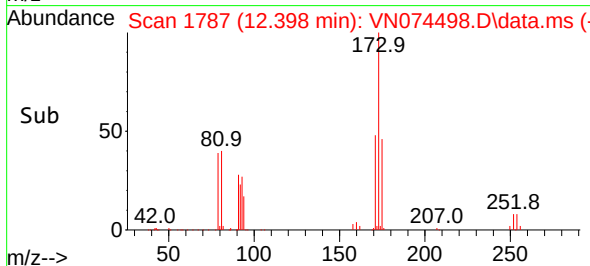
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

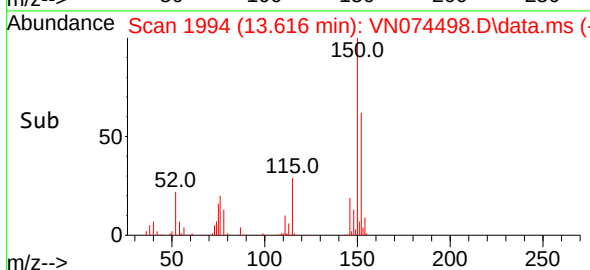
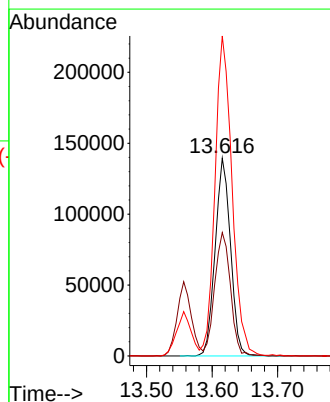
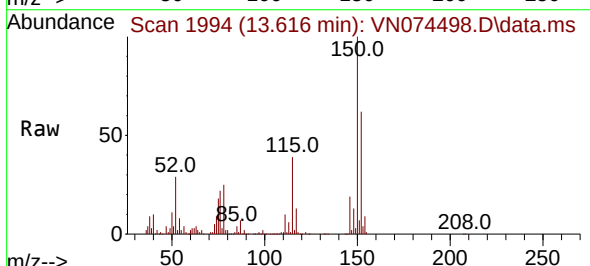
Tgt Ion:152 Resp: 226563

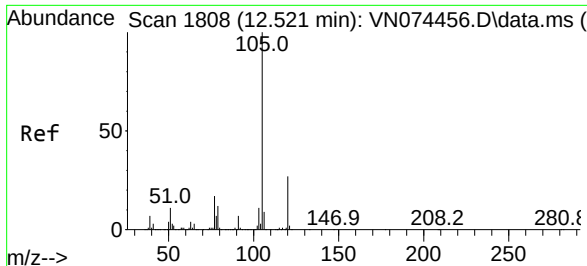
Ion Ratio Lower Upper

152 100

115 64.0 28.9 86.7

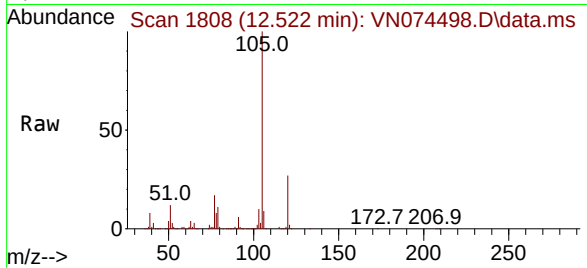
150 178.5 0.0 356.2





#73
Isopropylbenzene
Concen: 51.903 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

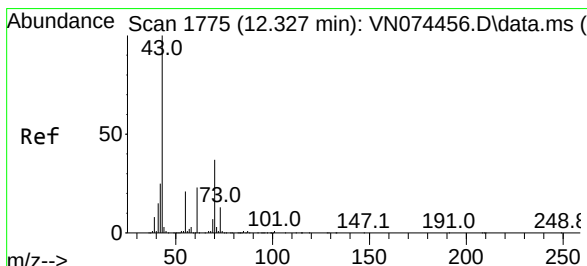
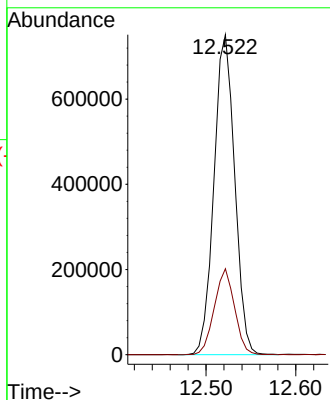
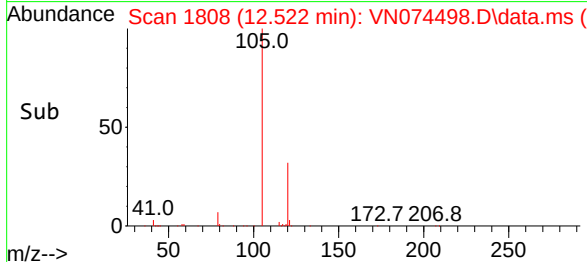
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 120406
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4

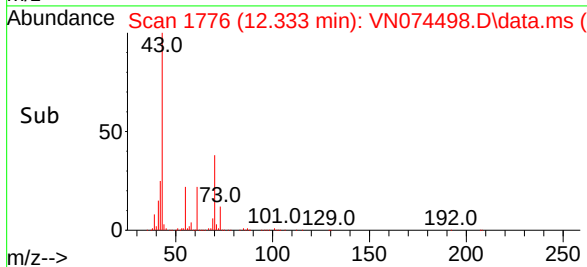
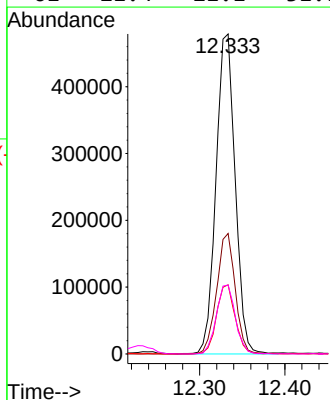
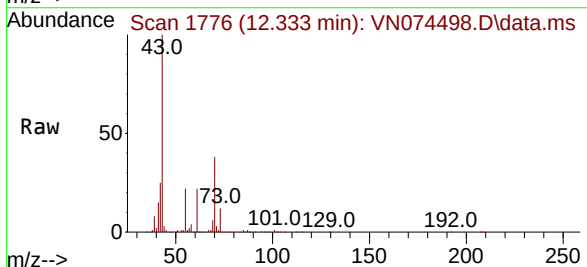
Manual Integrations
APPROVED

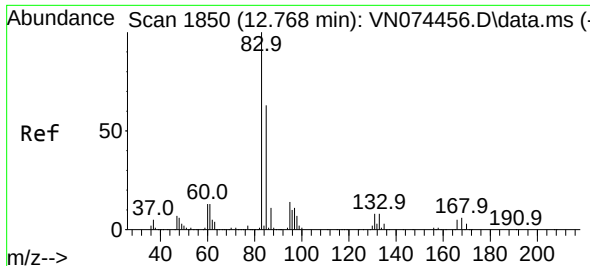
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#74
N-ethyl acetate
Concen: 51.624 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

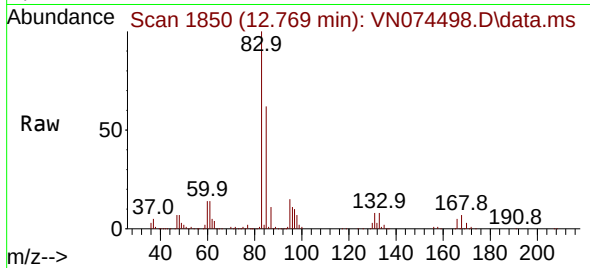
Tgt Ion: 43 Resp: 748786
Ion Ratio Lower Upper
43 100
70 36.4 39.0 58.4#
55 20.9 21.1 31.7#
61 21.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.069 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

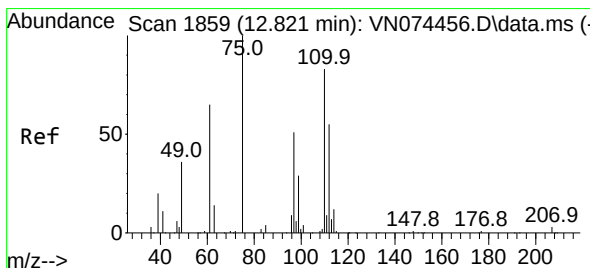
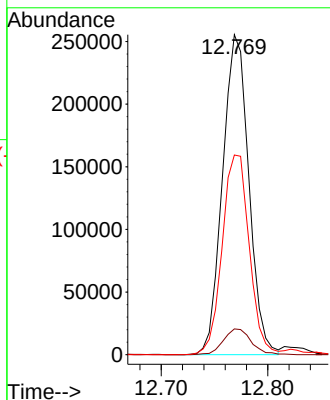
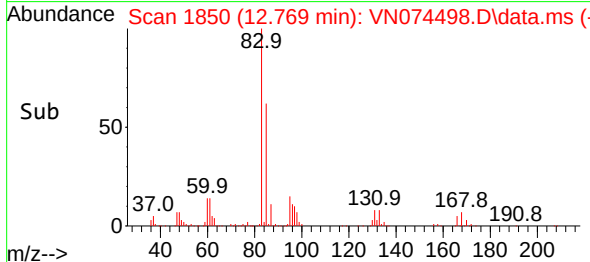
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 437578
Ion Ratio Lower Upper
83 100
131 8.5 5.3 15.9
85 64.2 32.3 96.9

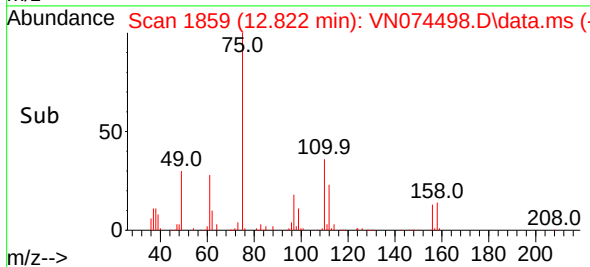
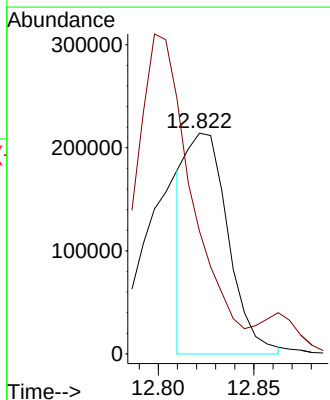
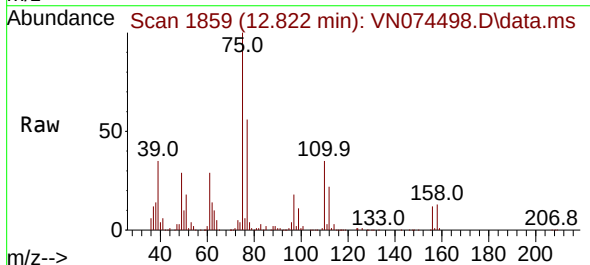
Manual Integrations
APPROVED

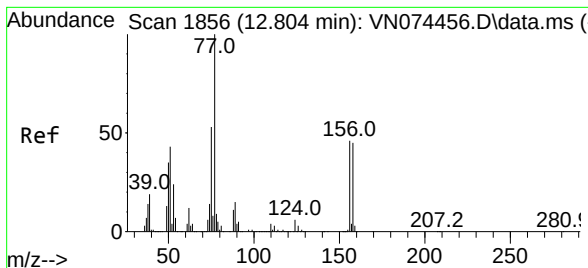
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,2,3-Trichloropropane
Concen: 47.502 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

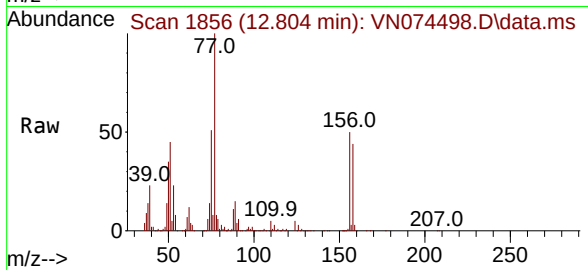
Tgt Ion: 75 Resp: 331269
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 50.495 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

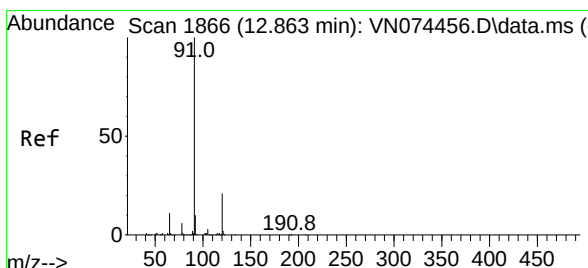
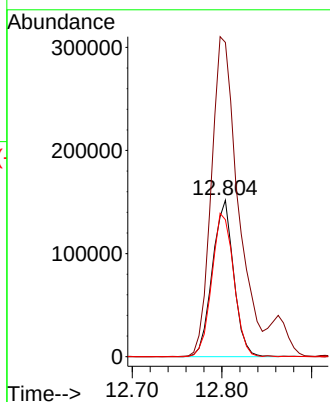
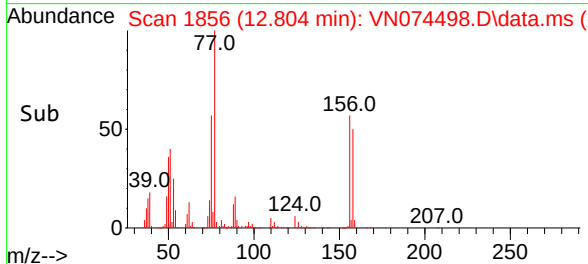
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



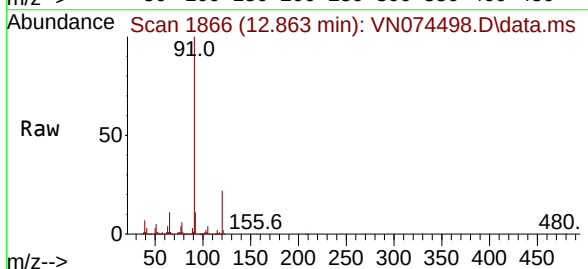
Tgt Ion:156 Resp: 250229
Ion Ratio Lower Upper
156 100
77 255.3 100.5 301.5
158 94.8 48.9 146.6

Manual Integrations
APPROVED

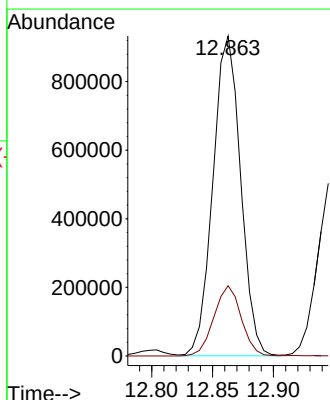
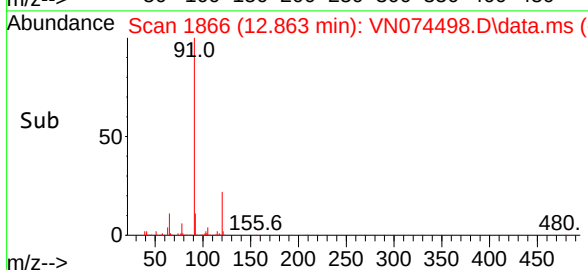
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

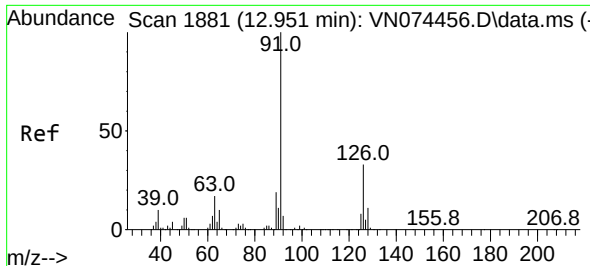


#78
n-propylbenzene
Concen: 53.423 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



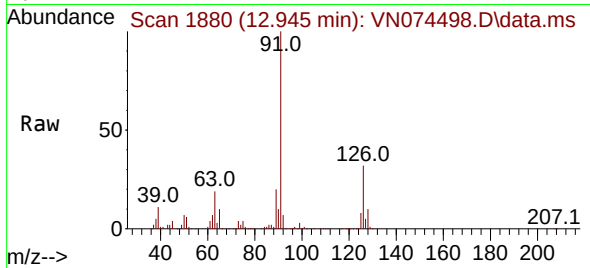
Tgt Ion: 91 Resp: 1476053
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 50.686 ug/l
RT: 12.945 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

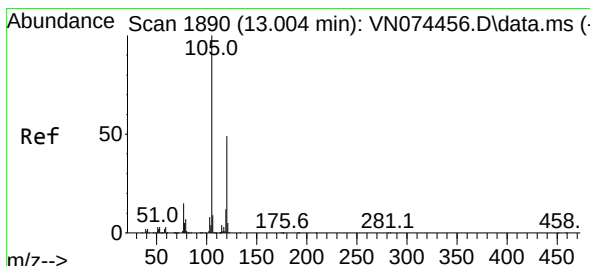
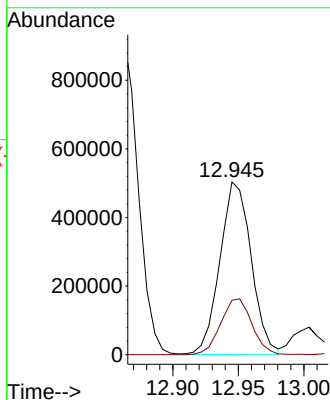
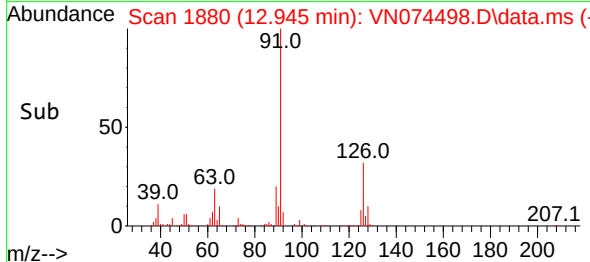
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



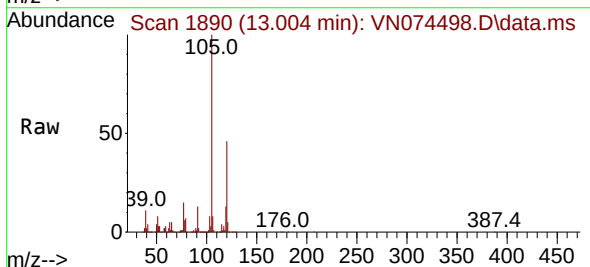
Tgt Ion: 91 Resp: 835998
Ion Ratio Lower Upper
91 100
126 32.4 17.3 51.9

Manual Integrations
APPROVED

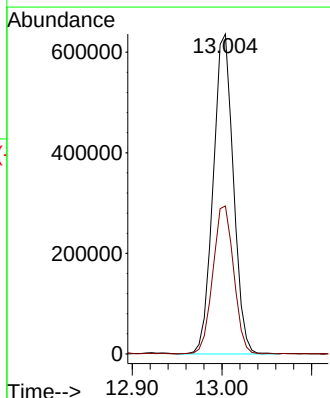
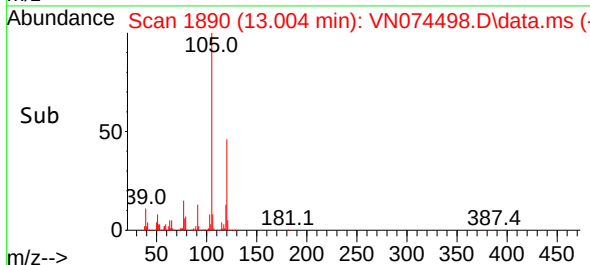
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

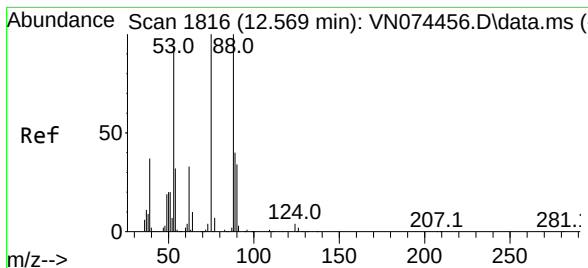


#80
1,3,5-Trimethylbenzene
Concen: 52.539 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



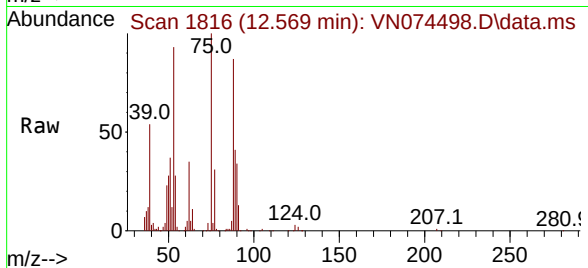
Tgt Ion:105 Resp: 993553
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.560 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

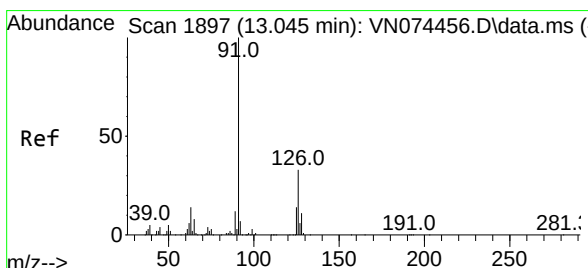
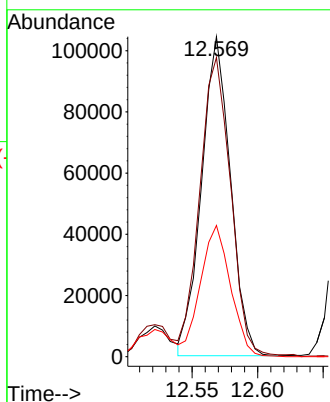
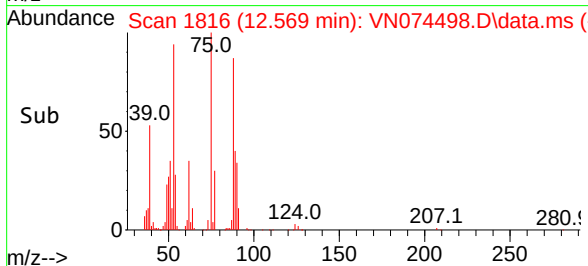
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 160134
Ion Ratio Lower Upper
75 100
53 99.7 78.0 117.0
89 43.0 37.2 55.8

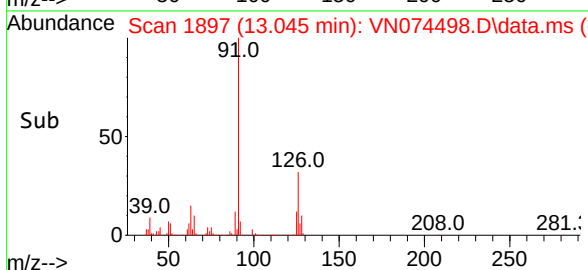
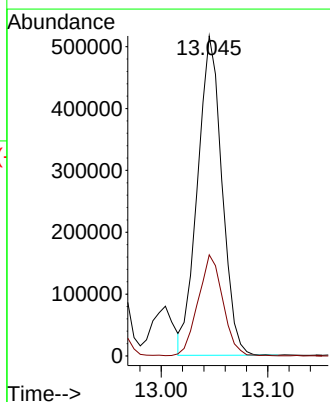
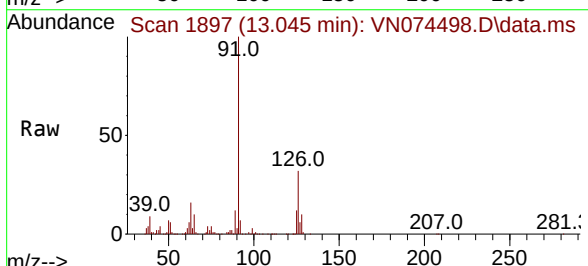
Manual Integrations
APPROVED

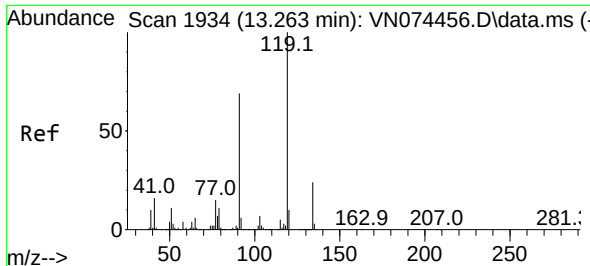
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 52.513 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

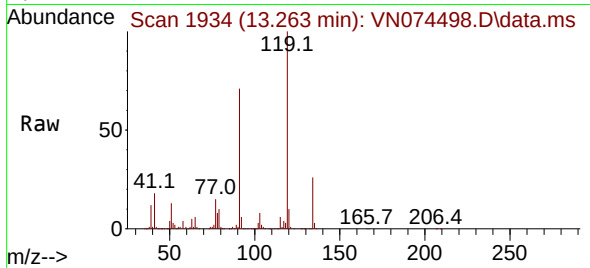
Tgt Ion: 91 Resp: 823278
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.082 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

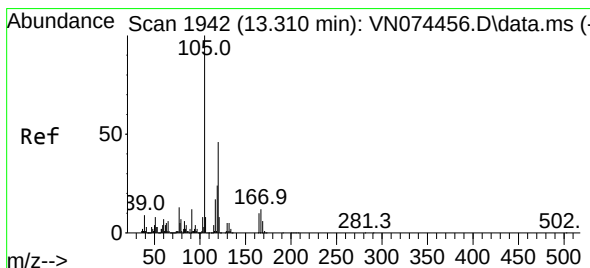
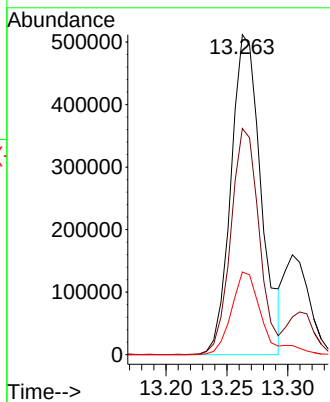
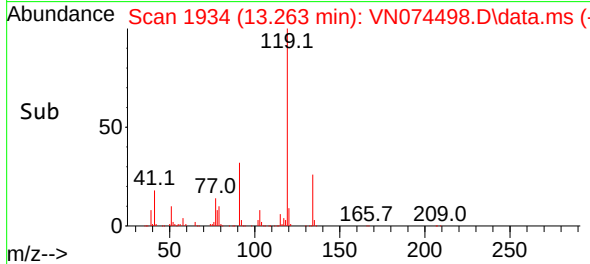
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



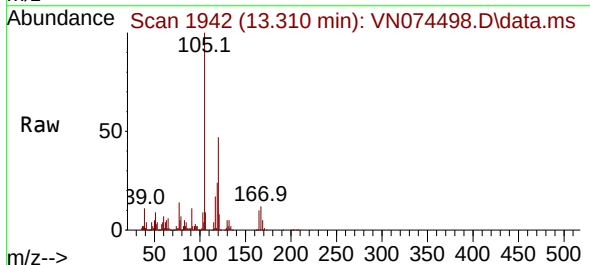
Tgt Ion:119 Resp: 879154
Ion Ratio Lower Upper
119 100
91 66.4 31.6 94.8
134 26.2 13.7 41.1

Manual Integrations
APPROVED

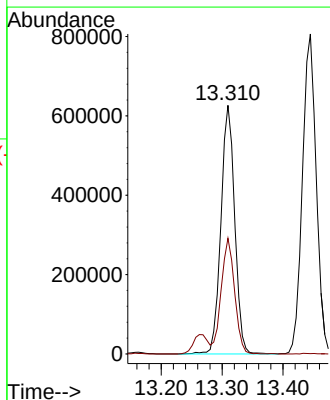
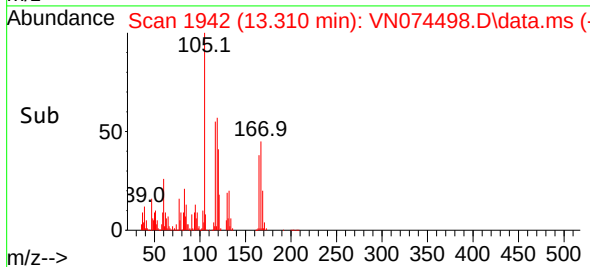
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

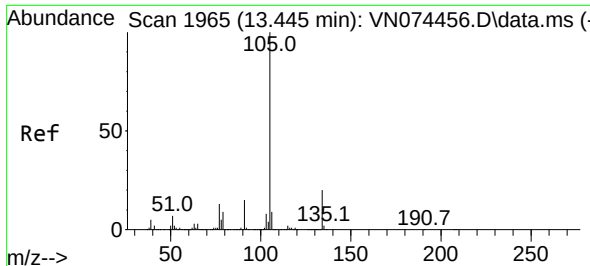


#84
1,2,4-Trimethylbenzene
Concen: 51.797 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



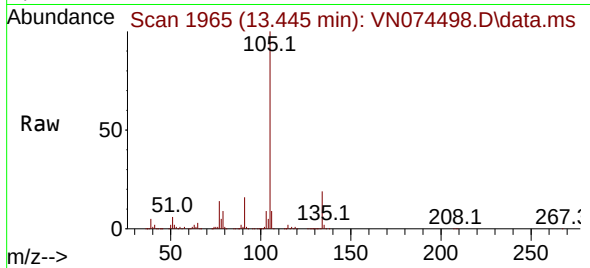
Tgt Ion:105 Resp: 985745
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.824 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074498.D
 Acq: 16 Sep 2022 09:47

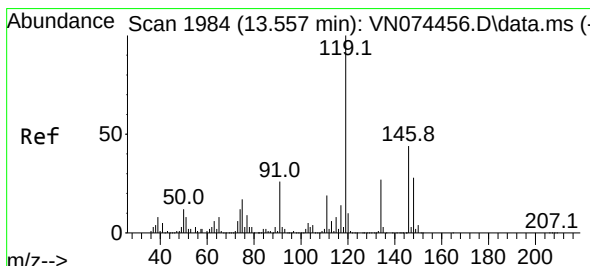
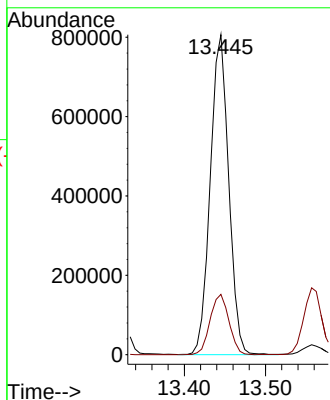
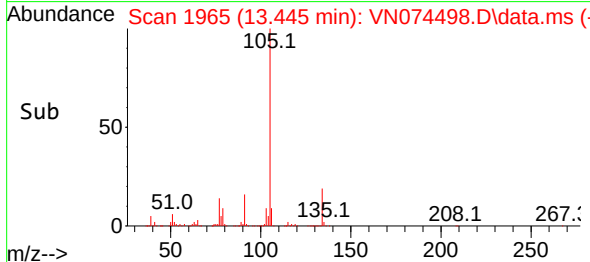
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



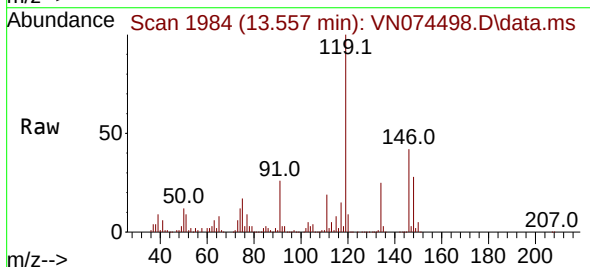
Tgt Ion:105 Resp: 1271930
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

Manual Integrations
 APPROVED

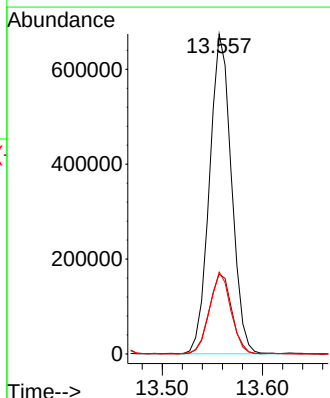
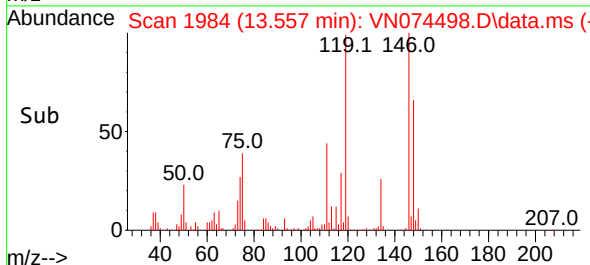
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

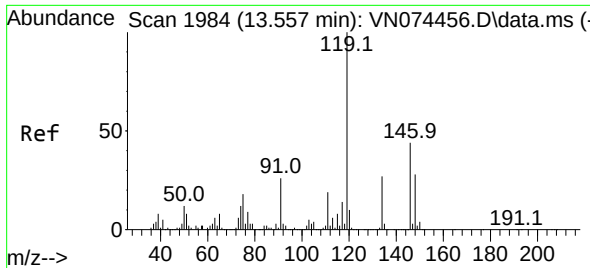


#86
 p-Isopropyltoluene
 Concen: 55.427 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074498.D
 Acq: 16 Sep 2022 09:47



Tgt Ion:119 Resp: 1021138
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 25.1 11.3 33.9





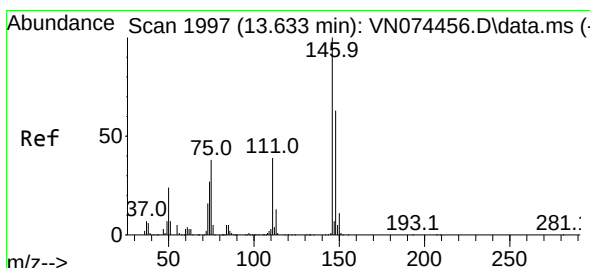
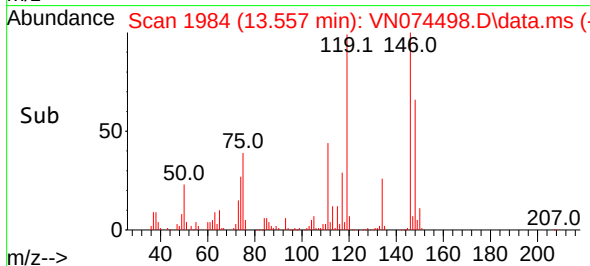
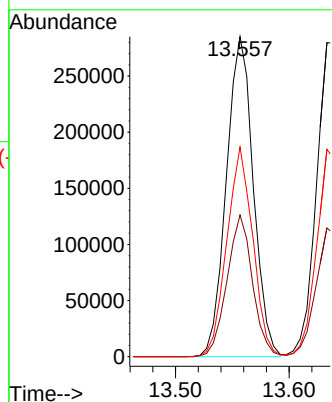
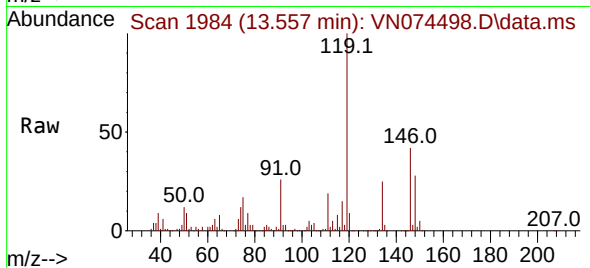
#87
1,3-Dichlorobenzene
Concen: 51.608 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 469962
Ion Ratio Lower Upper
146 100
111 41.9 20.0 60.0
148 63.1 32.0 96.0

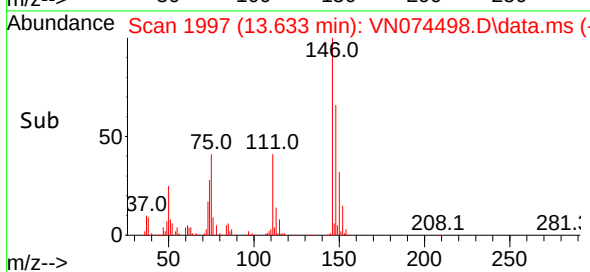
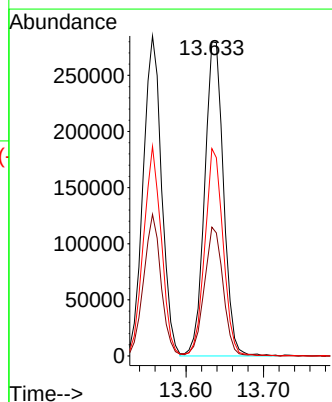
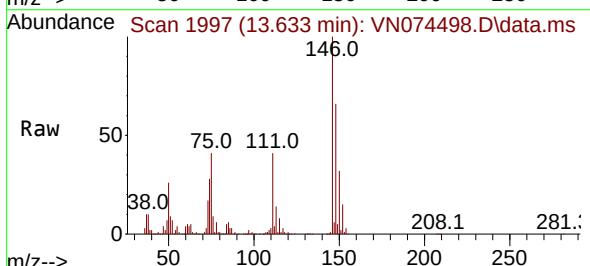
Manual Integrations
APPROVED

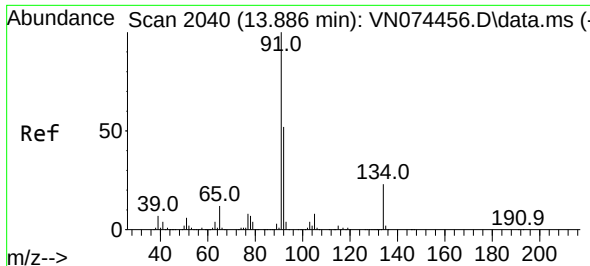
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,4-Dichlorobenzene
Concen: 51.670 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

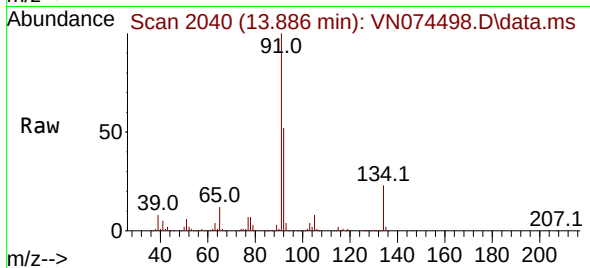
Tgt Ion:146 Resp: 472894
Ion Ratio Lower Upper
146 100
111 41.1 19.1 57.1
148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 57.069 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

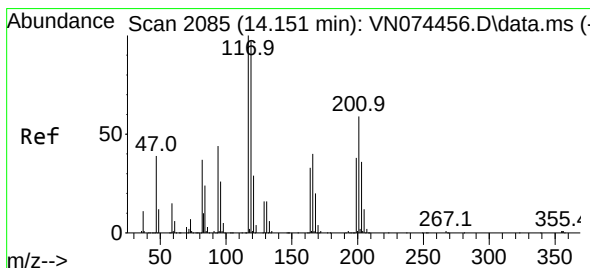
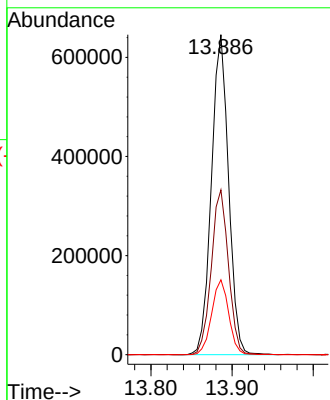
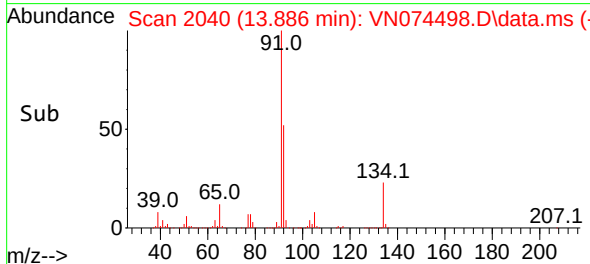
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 947662
Ion Ratio Lower Upper
91 100
92 51.5 26.9 80.7
134 23.3 13.6 40.8

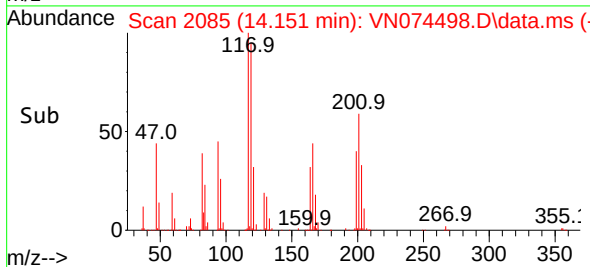
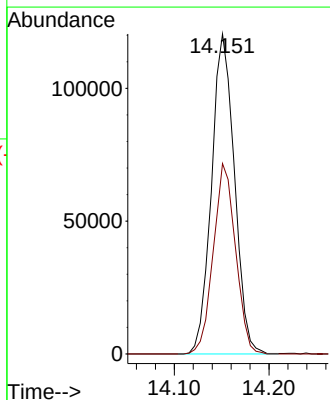
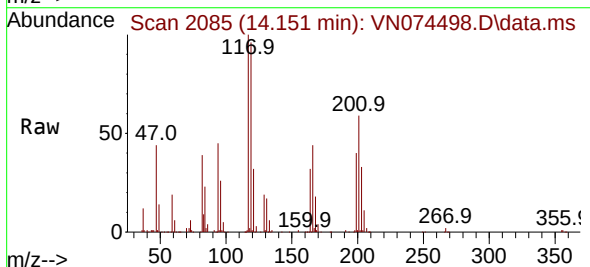
Manual Integrations
APPROVED

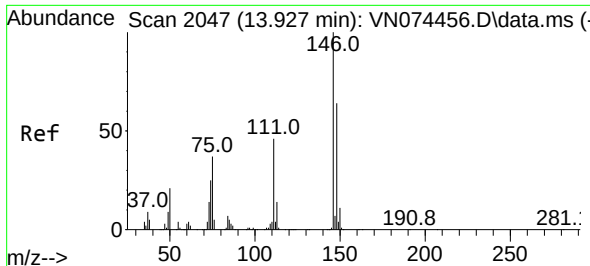
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachloroethane
Concen: 50.546 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

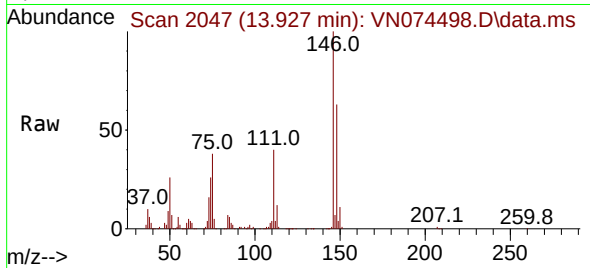
Tgt Ion:117 Resp: 202614
Ion Ratio Lower Upper
117 100
201 57.8 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.629 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

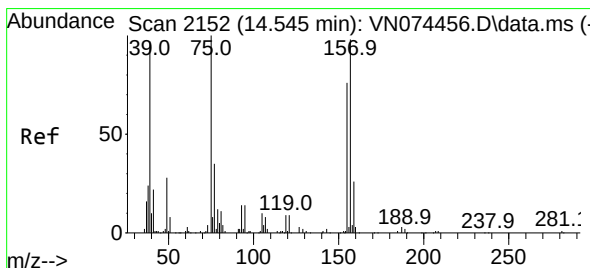
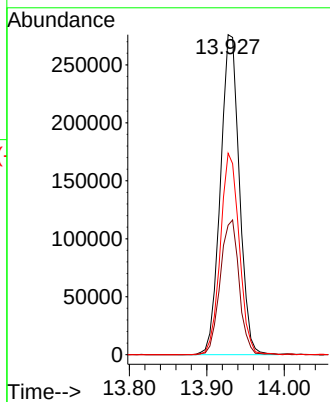
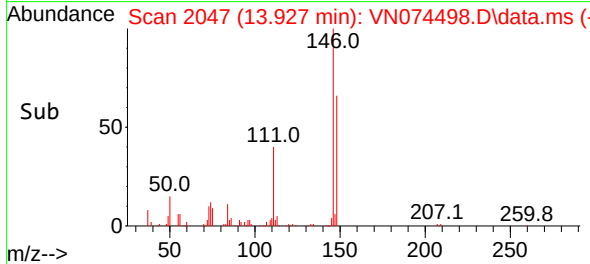
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



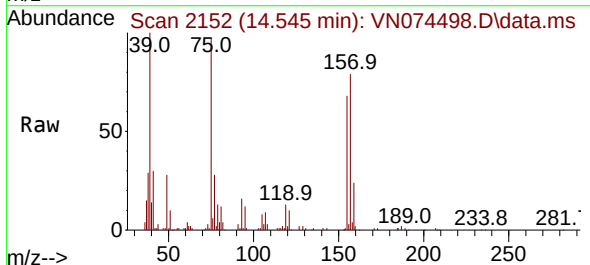
Tgt Ion:146 Resp: 46886
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 62.8 32.1 96.3

Manual Integrations
APPROVED

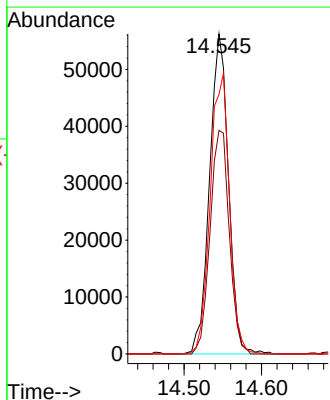
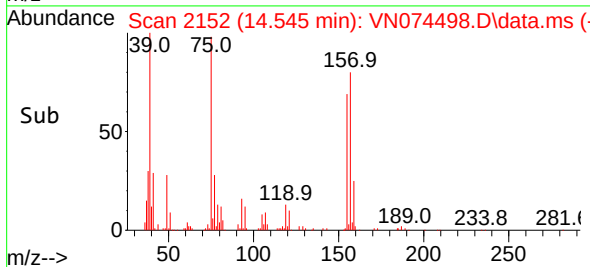
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

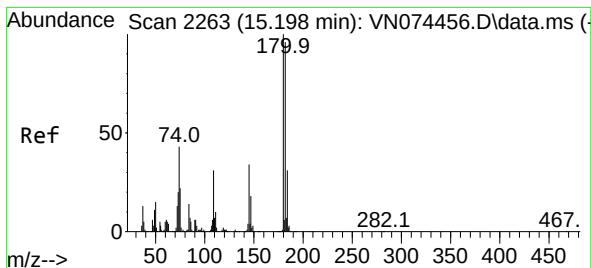


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.462 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47



Tgt Ion: 75 Resp: 95378
Ion Ratio Lower Upper
75 100
155 70.9 44.9 134.5
157 89.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 51.795 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN074498.D

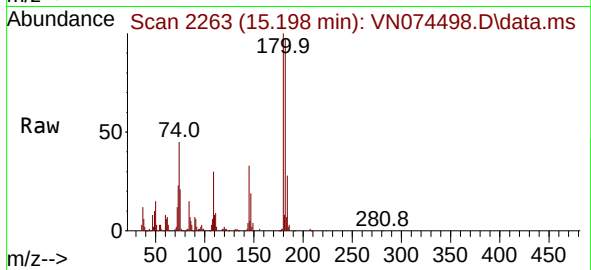
Acq: 16 Sep 2022 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



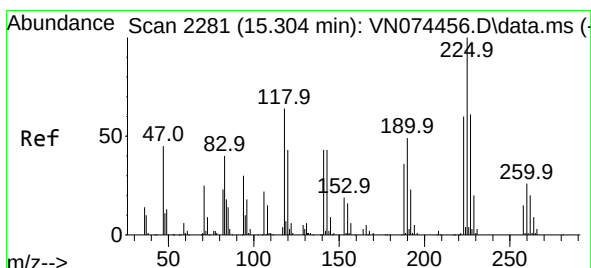
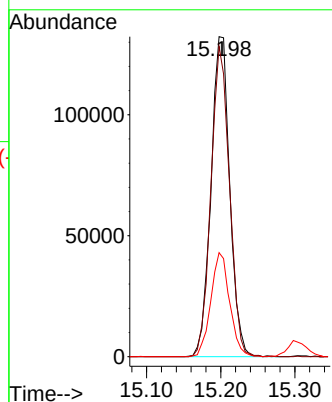
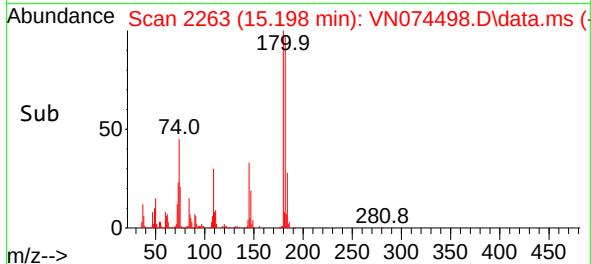
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.5
145	32.6	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 49.349 ug/l

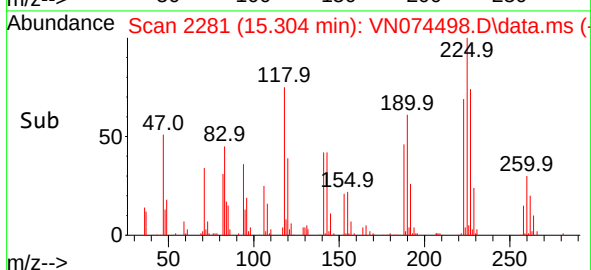
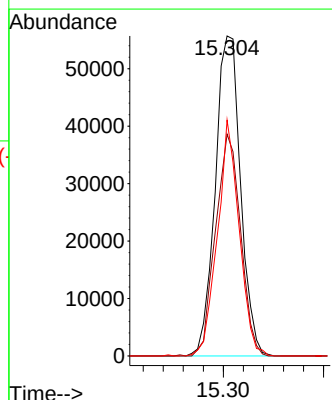
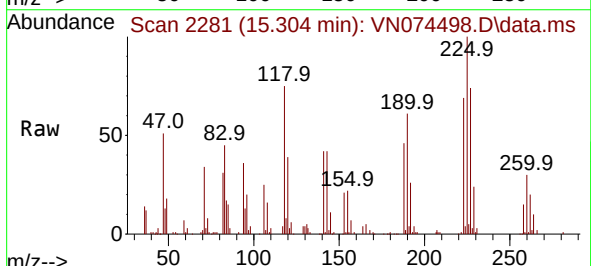
RT: 15.304 min Scan# 2281

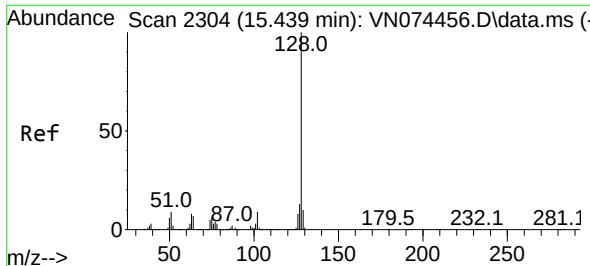
Delta R.T. -0.000 min

Lab File: VN074498.D

Acq: 16 Sep 2022 09:47

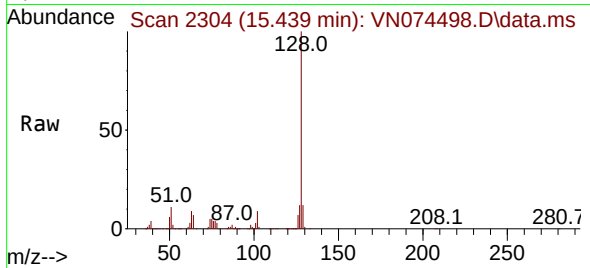
Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.5	32.4	97.2
227	63.2	31.8	95.4





#95
Naphthalene
Concen: 48.958 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

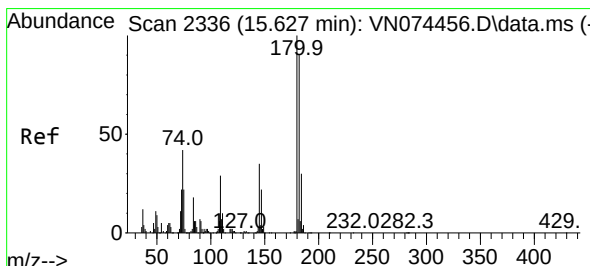
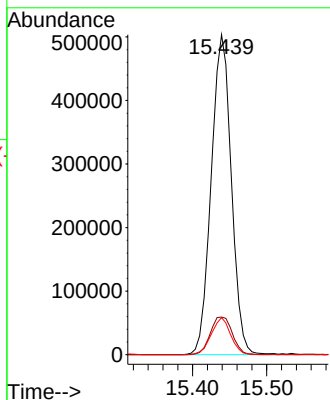
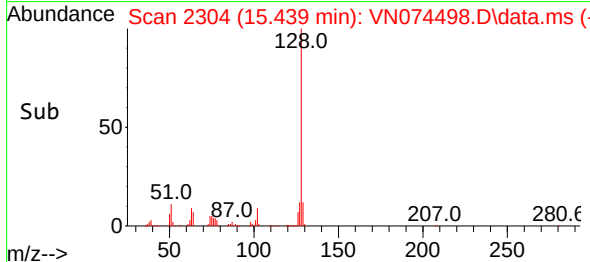
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 948776
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.768 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074498.D
Acq: 16 Sep 2022 09:47

Tgt Ion:180 Resp: 236881
Ion Ratio Lower Upper
180 100
182 92.0 47.8 143.3
145 32.6 15.5 46.5

