

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074525.D
 Acq On : 16 Sep 2022 21:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 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 22:36:38 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	8.016	168	240051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	458809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	196038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210744	51.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.480%			
35) Dibromofluoromethane	7.951	113	161053	52.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.380	98	613269	52.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.674	95	216945	53.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	114489	43.823	ug/l	95
3) Chloromethane	2.263	50	240351	54.671	ug/l	99
4) Vinyl Chloride	2.404	62	296259	62.999	ug/l	97
5) Bromomethane	2.781	94	200293	80.764	ug/l	98
6) Chloroethane	2.951	64	206577	64.310	ug/l	100
7) Trichlorofluoromethane	3.310	101	253677	48.849	ug/l	97
8) Diethyl Ether	3.763	74	125242	47.292	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.128	101	157768	49.106	ug/l	90
10) Methyl Iodide	4.346	142	198479	52.368	ug/l	96
11) Tert butyl alcohol	5.293	59	327831	247.082	ug/l	100
12) 1,1-Dichloroethene	4.110	96	163996	51.798	ug/l	95
13) Acrolein	3.981	56	154774	319.428	ug/l	98
14) Allyl chloride	4.757	41	389054	51.535	ug/l #	93
15) Acrylonitrile	5.469	53	826065	277.126	ug/l	99
16) Acetone	4.216	43	701835	269.280	ug/l	98
17) Carbon Disulfide	4.451	76	401249	46.283	ug/l	96
18) Methyl Acetate	4.775	43	437434	54.036	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	698749	52.440	ug/l	99
20) Methylene Chloride	5.016	84	209109	52.550	ug/l #	82
21) trans-1,2-Dichloroethene	5.510	96	175123	50.426	ug/l	90
22) Diisopropyl ether	6.410	45	849779	56.057	ug/l #	95
23) Vinyl Acetate	6.345	43	3865941	289.141	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	396410	52.314	ug/l	98
25) 2-Butanone	7.257	43	1269453	293.358	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	276638	42.345	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	221266	49.780	ug/l	91
28) Bromochloromethane	7.581	49	124073	55.605	ug/l #	64
29) Tetrahydrofuran	7.604	42	839378	295.020	ug/l #	83
30) Chloroform	7.745	83	378370	54.100	ug/l	95
31) Cyclohexane	8.028	56	372007	51.456	ug/l #	80
32) 1,1,1-Trichloroethane	7.939	97	308061	50.222	ug/l	95
36) 1,1-Dichloropropene	8.151	75	268978	49.860	ug/l	97
37) Ethyl Acetate	7.334	43	471498	56.594	ug/l #	93
38) Carbon Tetrachloride	8.133	117	250063	50.205	ug/l	90
39) Methylcyclohexane	9.398	83	328105	51.148	ug/l	93
40) Benzene	8.386	78	900817	54.000	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	222300	55.191	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	307567	53.727	ug/l	99
43) Isopropyl Acetate	8.492	43	736057	56.403	ug/l #	90
44) Trichloroethene	9.151	130	178271	49.387	ug/l	82
45) 1,2-Dichloropropane	9.428	63	251446	54.846	ug/l	99
46) Dibromomethane	9.516	93	153818	53.570	ug/l #	81
47) Bromodichloromethane	9.698	83	304304	54.056	ug/l #	94
48) Methyl methacrylate	9.498	41	337357	58.301	ug/l	84
49) 1,4-Dioxane	9.504	88	122301	1099.349	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	2598757	304.951	ug/l	88
52) Toluene	10.445	92	543215	55.531	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	355525	54.188	ug/l	94
54) cis-1,3-Dichloropropene	10.127	75	363857	51.823	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	221371	53.425	ug/l	91
56) Ethyl methacrylate	10.704	69	419013	56.611	ug/l #	78
57) 1,3-Dichloropropane	10.986	76	402839	55.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	882221	270.837	ug/l #	88
59) 2-Hexanone	11.027	43	2006273	308.397	ug/l	87
60) Dibromochloromethane	11.180	129	219237	55.270	ug/l	100
61) 1,2-Dibromoethane	11.286	107	222791	55.347	ug/l	99
64) Tetrachloroethene	10.916	164	141208	48.836	ug/l	90
65) Chlorobenzene	11.710	112	544200	51.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	205565	53.490	ug/l	98
67) Ethyl Benzene	11.786	91	1053372	54.243	ug/l	95
68) m/p-Xylenes	11.892	106	782246	108.947	ug/l	96
69) o-Xylene	12.221	106	398779	54.473	ug/l	96
70) Styrene	12.239	104	653153	53.636	ug/l	99
71) Bromoform	12.404	173	156311	55.341	ug/l	99
73) Isopropylbenzene	12.521	105	1020239	50.827	ug/l	98
74) N-amyl acetate	12.333	43	677952	54.019	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.774	83	399157	49.622	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	309154m	51.234	ug/l	
77) Bromobenzene	12.804	156	206037	48.051	ug/l	70
78) n-propylbenzene	12.863	91	1226857	51.318	ug/l	95
79) 2-Chlorotoluene	12.951	91	707010	49.540	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	834227	50.983	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	132596	47.427	ug/l	94
82) 4-Chlorotoluene	13.045	91	688399	50.747	ug/l	96
83) tert-Butylbenzene	13.268	119	735220	49.371	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	852573	51.775	ug/l	97
85) sec-Butylbenzene	13.445	105	1089794	53.297	ug/l	96
86) p-Isopropyltoluene	13.563	119	842074	52.825	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	400026	50.768	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	396522	50.071	ug/l	98
89) n-Butylbenzene	13.886	91	754483	52.511	ug/l	95
90) Hexachloroethane	14.151	117	172113	49.623	ug/l	73
91) 1,2-Dichlorobenzene	13.927	146	396332	48.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	81368	45.809	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	195213	50.126	ug/l	98
94) Hexachlorobutadiene	15.304	225	79259	46.308	ug/l	99
95) Naphthalene	15.439	128	819317	48.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	194435	48.228	ug/l	99

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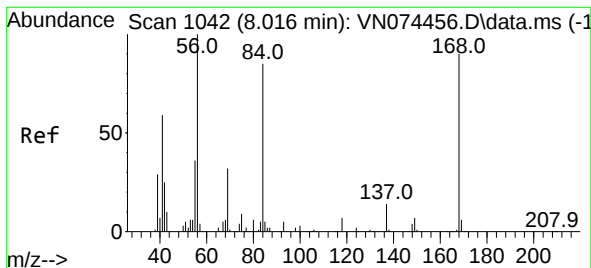
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Quant Title : SW846 8260
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Response via : Initial Calibration

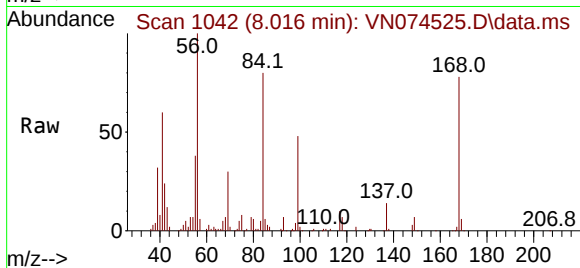
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074525.D
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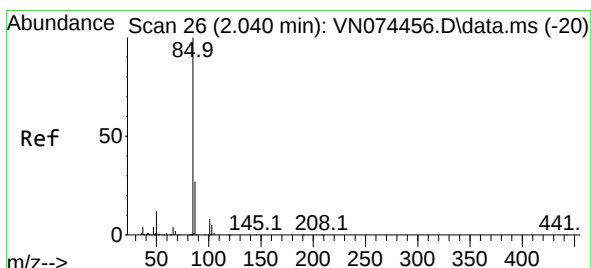
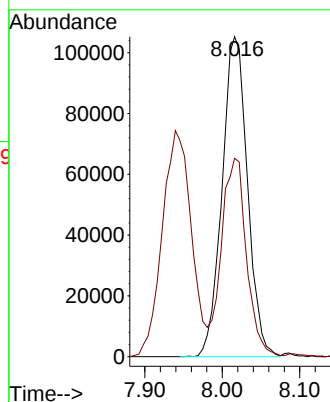
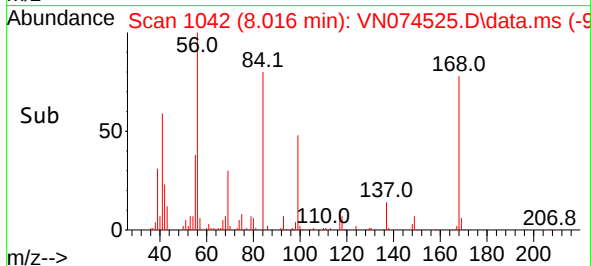
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



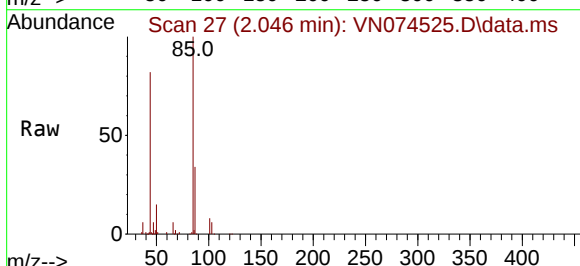
Tgt Ion: 168 Resp: 24005
Ion Ratio Lower Upper
168 100
99 61.6 42.3 63.5

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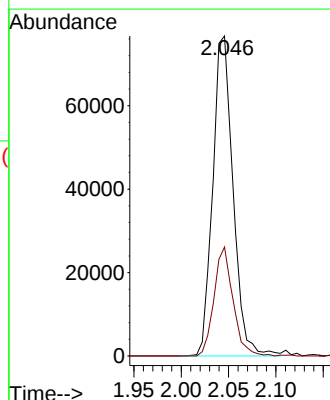
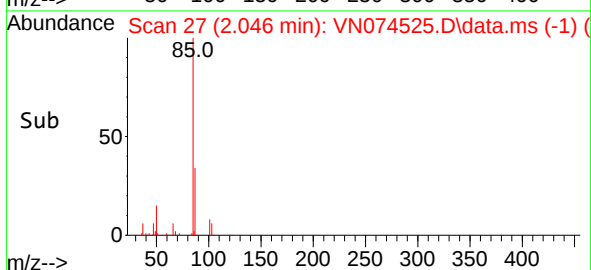
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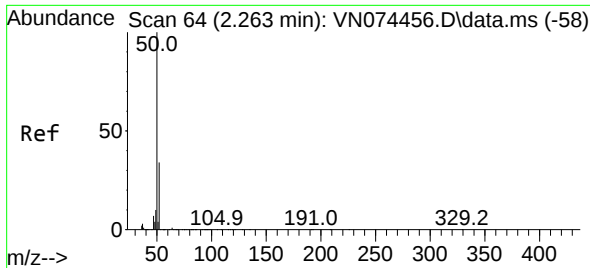


#2
Dichlorodifluoromethane
Concen: 43.823 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



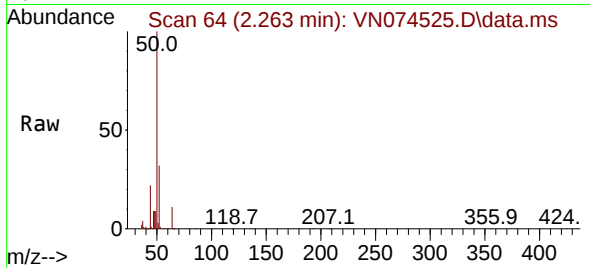
Tgt Ion: 85 Resp: 114489
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.1





#3
Chloromethane
Concen: 54.671 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

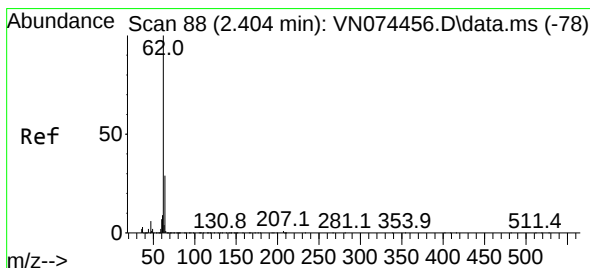
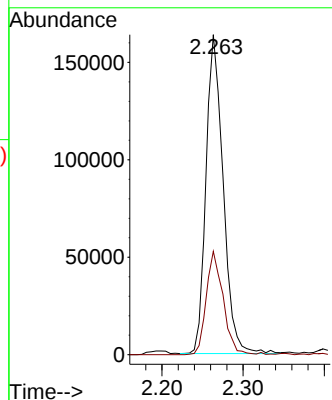
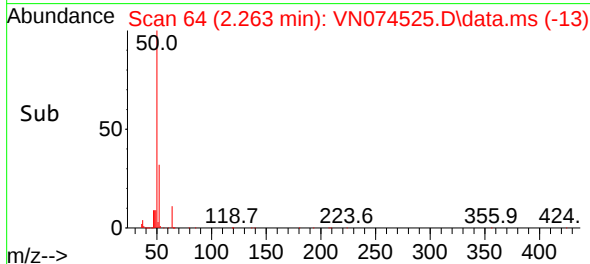
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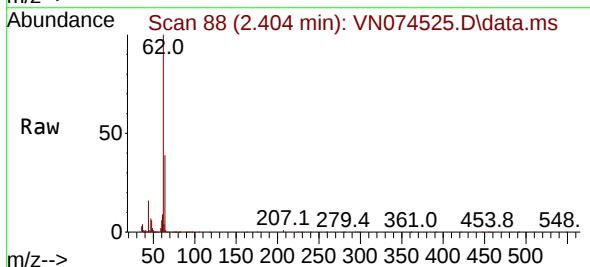
Tgt Ion: 50 Resp: 24035
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5

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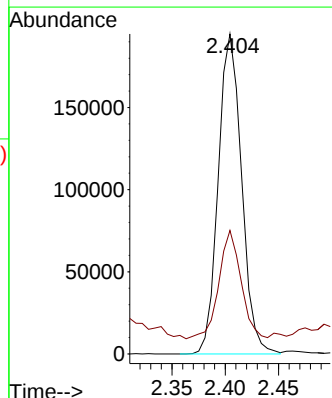
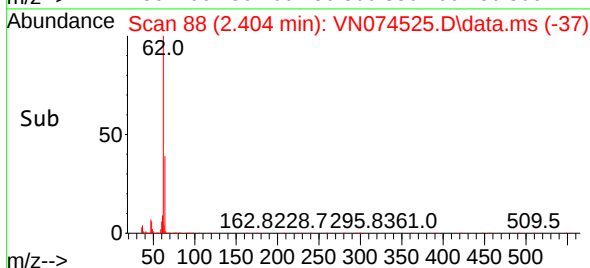
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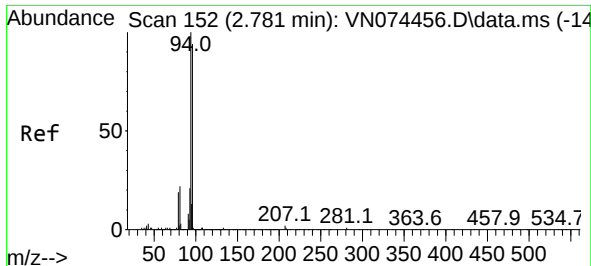


#4
Vinyl Chloride
Concen: 62.999 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



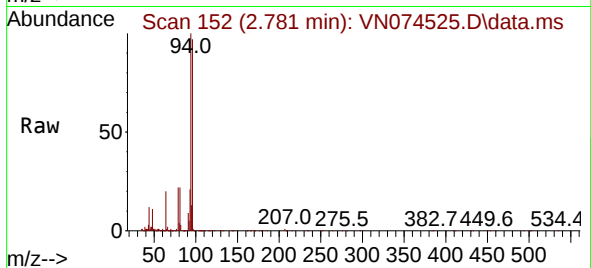
Tgt Ion: 62 Resp: 296259
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.4





#5
Bromomethane
Concen: 80.764 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

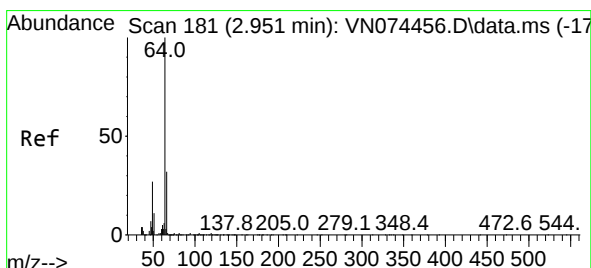
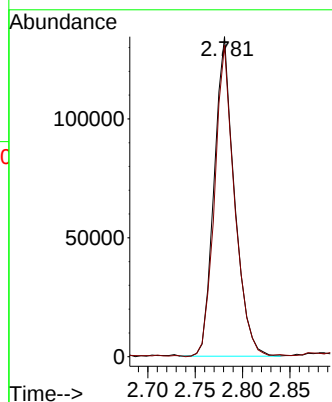
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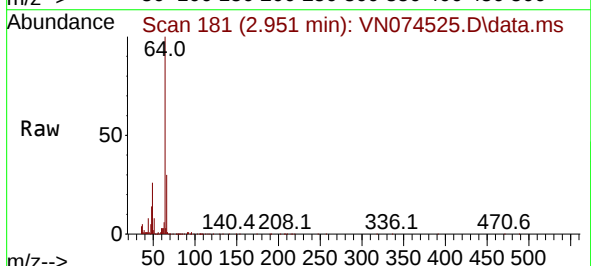
Tgt Ion: 94 Resp: 200293
Ion Ratio Lower Upper
94 100
96 97.1 76.0 114.0

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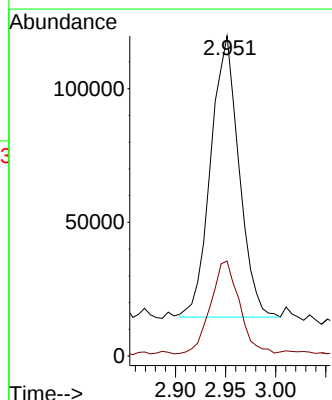
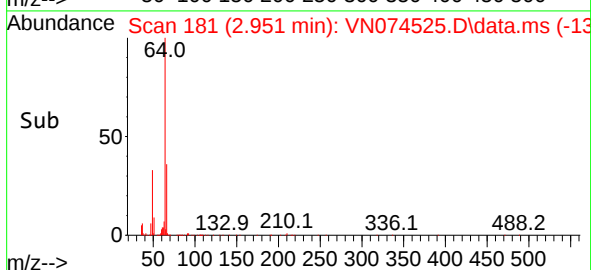
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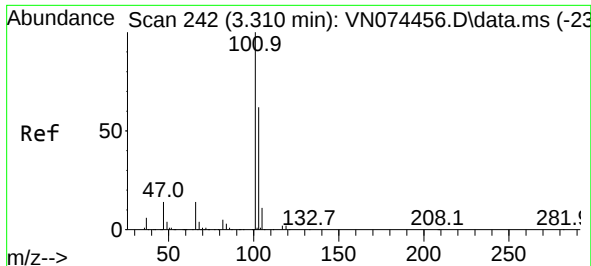


#6
Chloroethane
Concen: 64.310 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



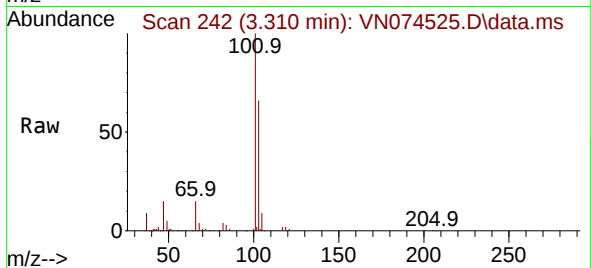
Tgt Ion: 64 Resp: 206577
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.849 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41

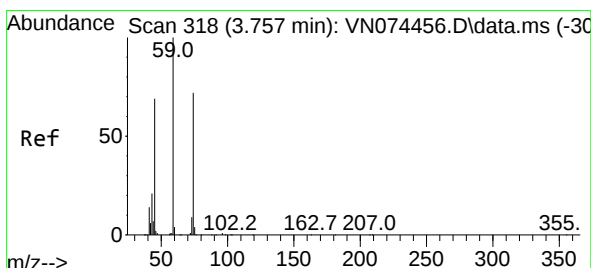
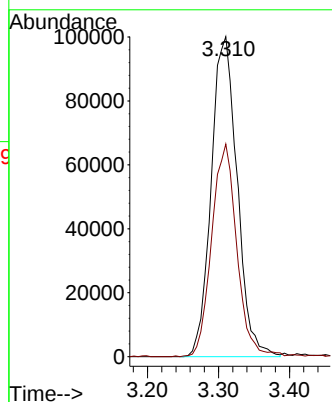
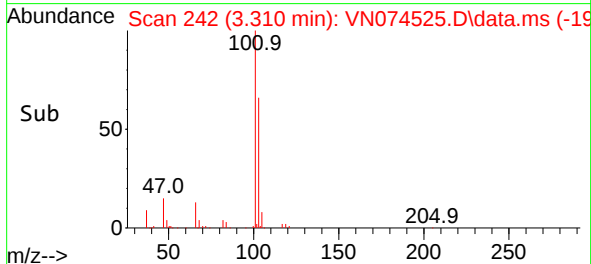
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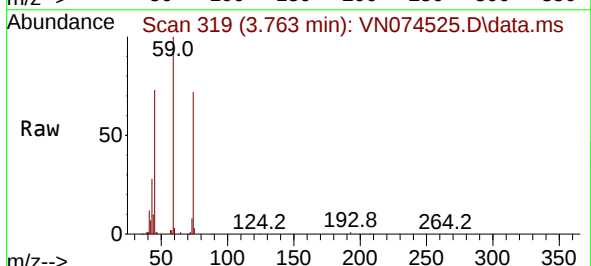
Tgt Ion:101 Resp: 25367
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.5 77.3

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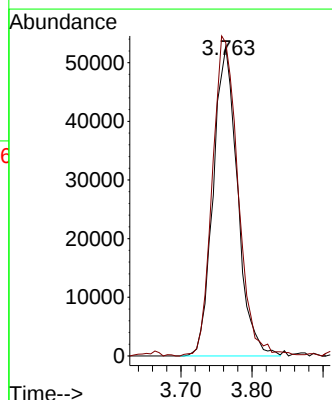
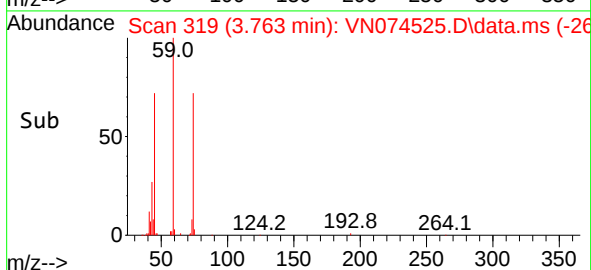
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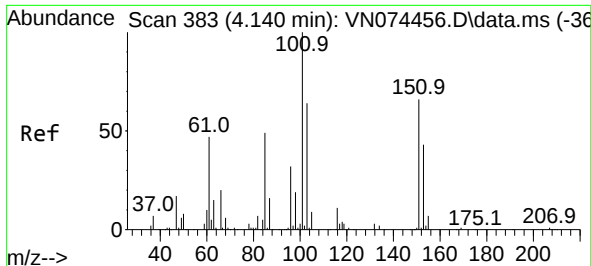


#8
 Diethyl Ether
 Concen: 47.292 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 125242
 Ion Ratio Lower Upper
 74 100
 45 109.2 42.9 128.5





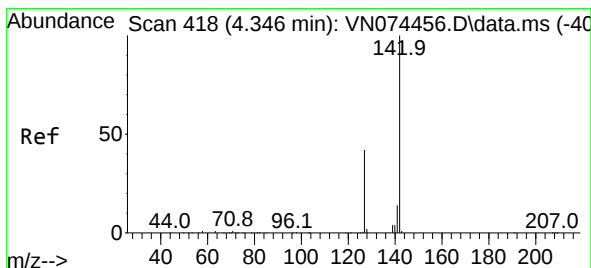
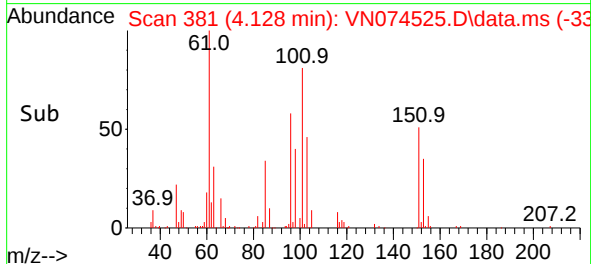
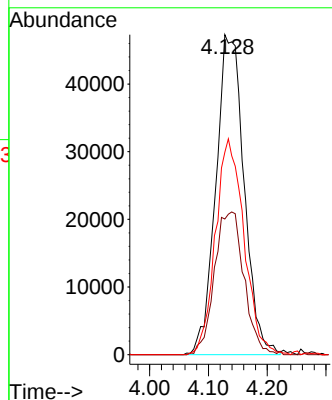
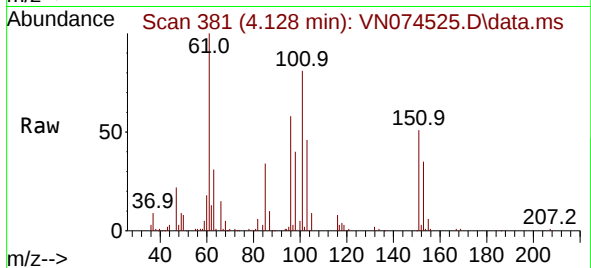
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.106 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 157768
Ion Ratio Lower Upper
101 100
85 46.8 34.7 52.1
151 68.3 63.0 94.4

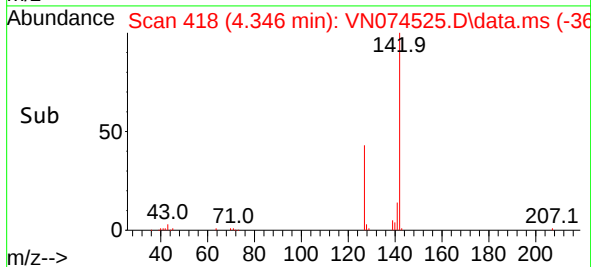
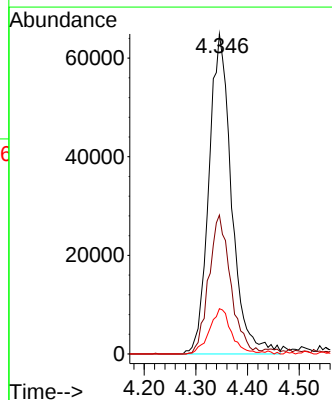
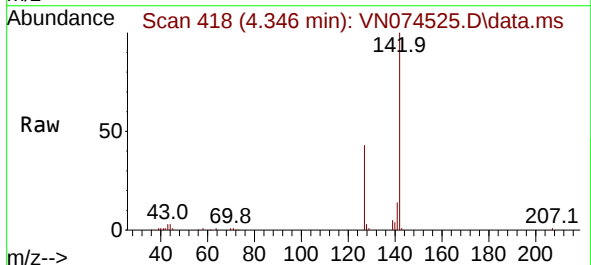
Manual Integrations
APPROVED

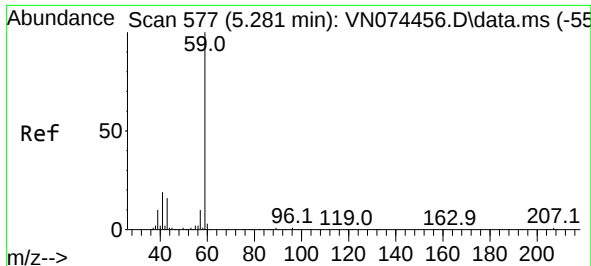
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 52.368 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

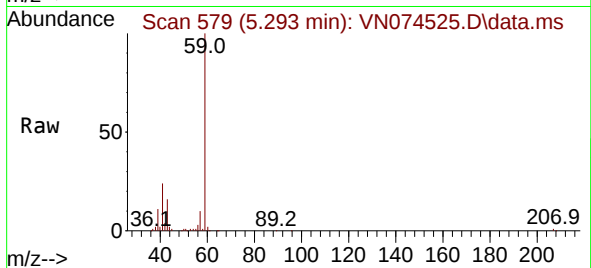
Tgt Ion:142 Resp: 198479
Ion Ratio Lower Upper
142 100
127 41.9 31.3 46.9
141 13.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 247.082 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

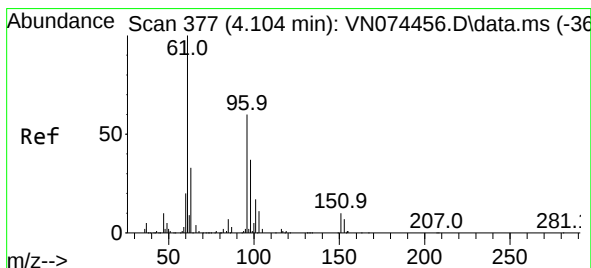
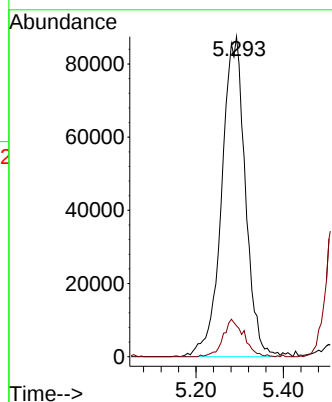
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 32783
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

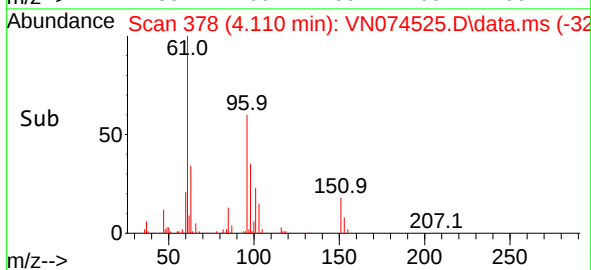
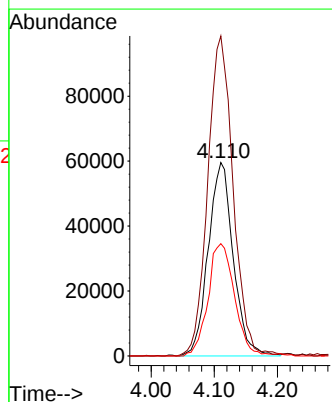
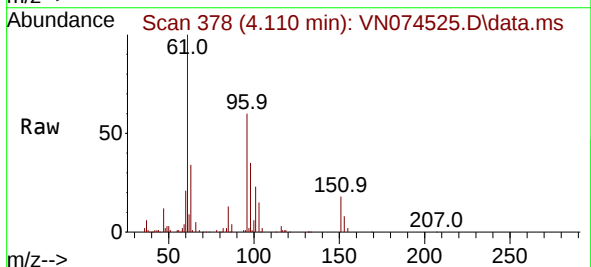
Manual Integrations
APPROVED

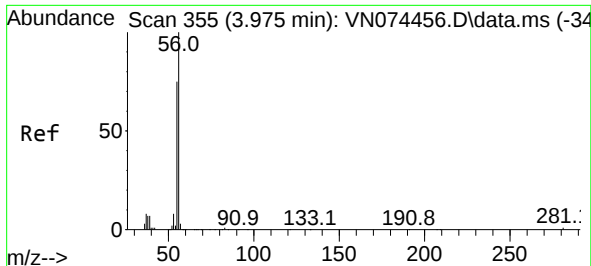
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
1,1-Dichloroethene
Concen: 51.798 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

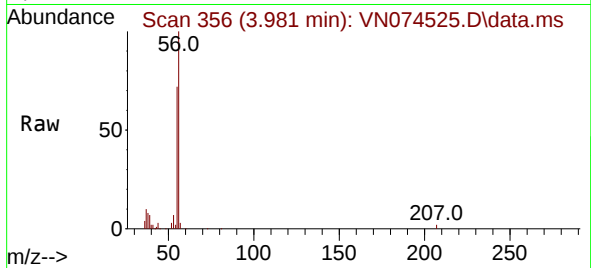
Tgt Ion: 96 Resp: 163996
Ion Ratio Lower Upper
96 100
61 164.9 127.6 191.4
98 58.1 51.2 76.8





#13
Acrolein
Concen: 319.428 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

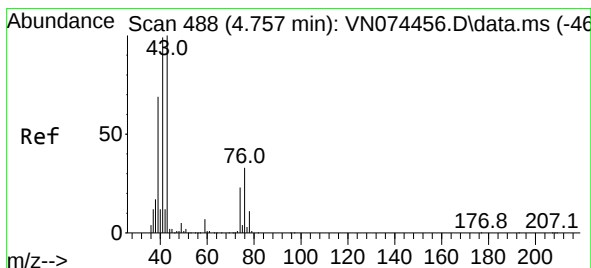
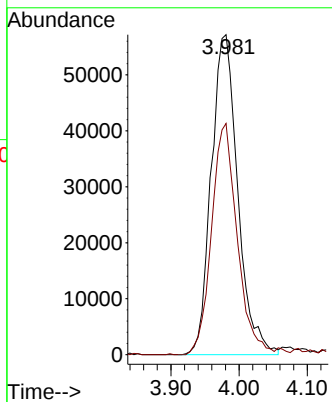
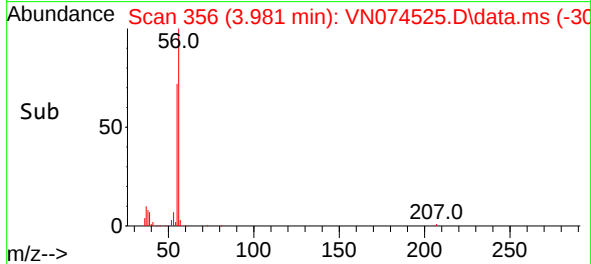
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 154774
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2

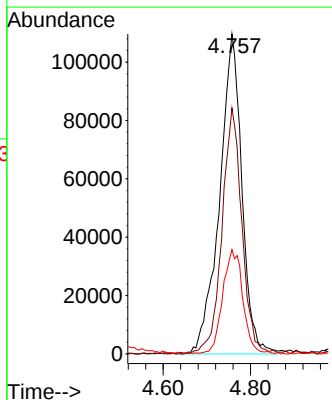
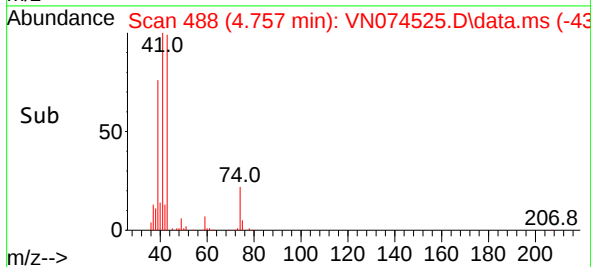
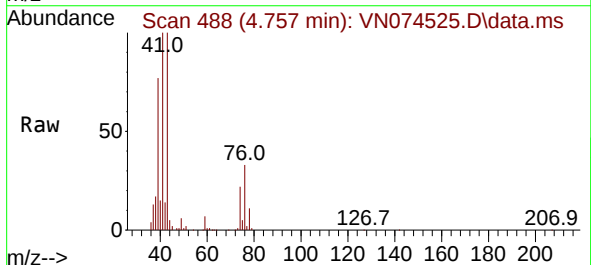
Manual Integrations
APPROVED

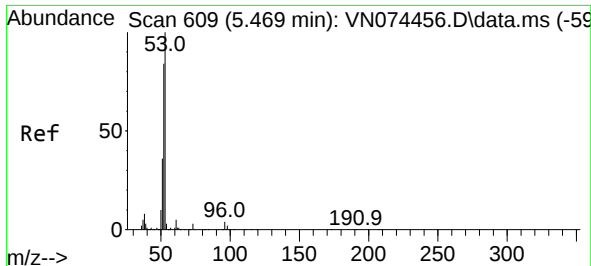
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#14
Allyl chloride
Concen: 51.535 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

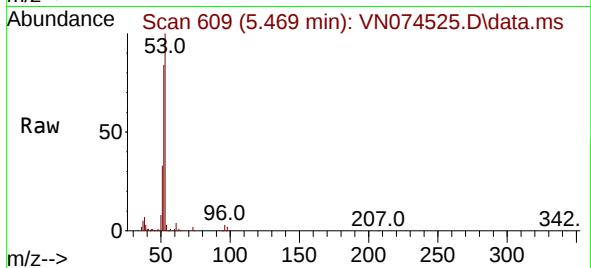
Tgt Ion: 41 Resp: 389054
Ion Ratio Lower Upper
41 100
39 68.3 53.2 79.8
76 28.9 29.9 44.9





#15
Acrylonitrile
Concen: 277.126 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

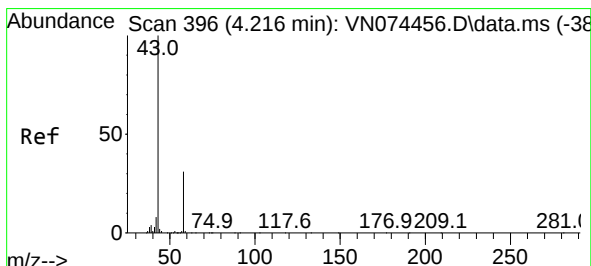
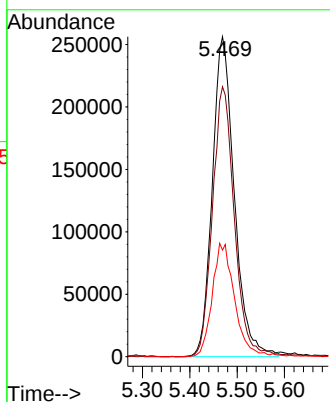
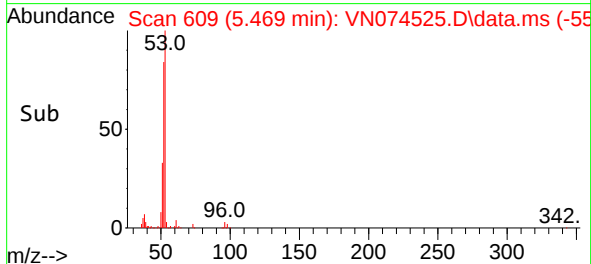
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



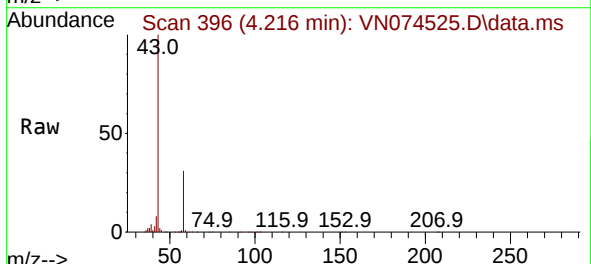
Tgt Ion: 53 Resp: 826065
Ion Ratio Lower Upper
53 100
52 84.0 66.4 99.6
51 35.8 28.5 42.7

Manual Integrations
APPROVED

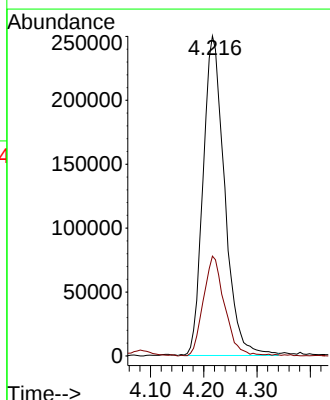
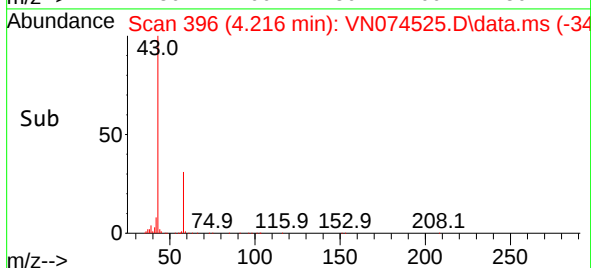
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

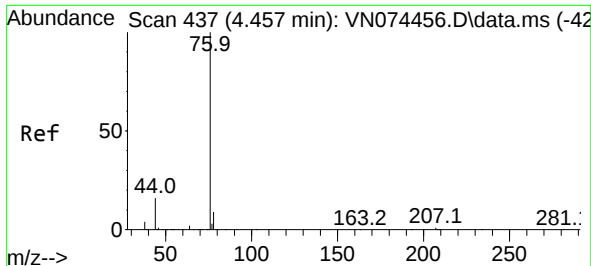


#16
Acetone
Concen: 269.280 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



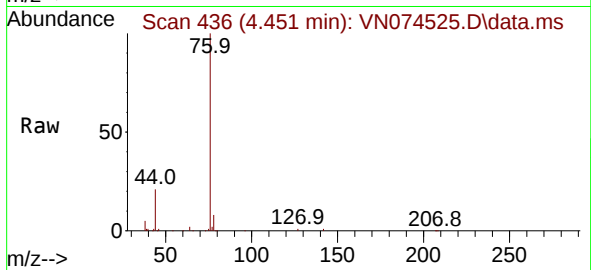
Tgt Ion: 43 Resp: 701835
Ion Ratio Lower Upper
43 100
58 31.3 26.0 39.0





#17
Carbon Disulfide
Concen: 46.283 ug/l
RT: 4.451 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

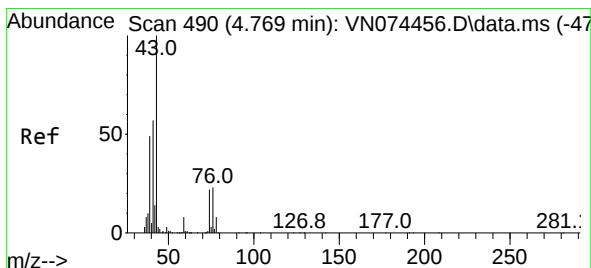
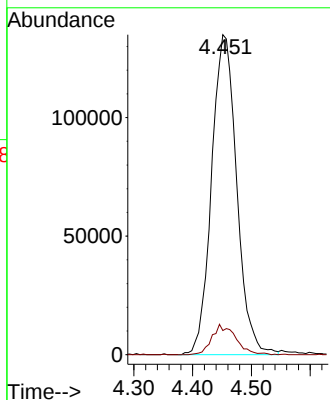
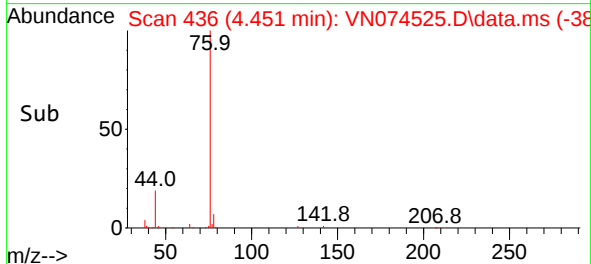
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



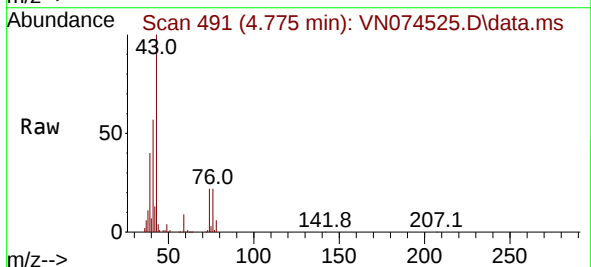
Tgt Ion: 76 Resp: 401249
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8

Manual Integrations
APPROVED

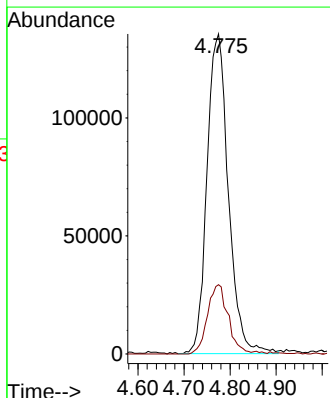
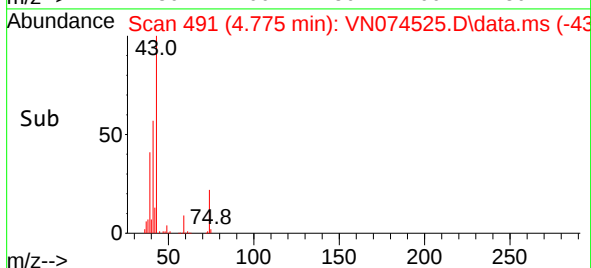
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

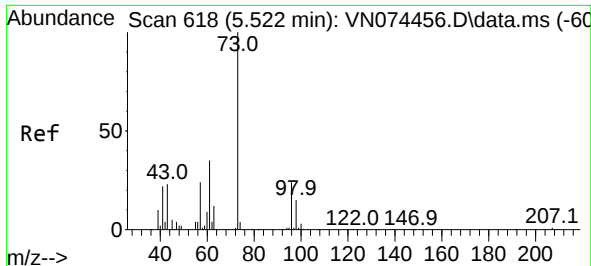


#18
Methyl Acetate
Concen: 54.036 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



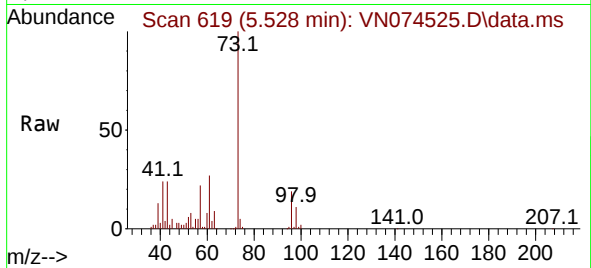
Tgt Ion: 43 Resp: 437434
Ion Ratio Lower Upper
43 100
74 20.9 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 52.440 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

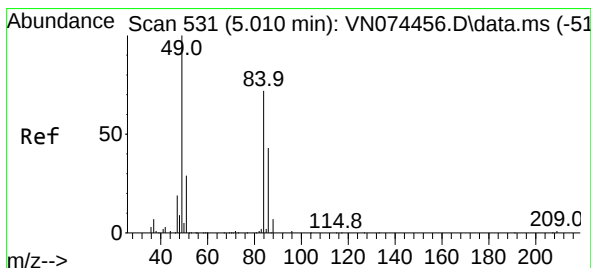
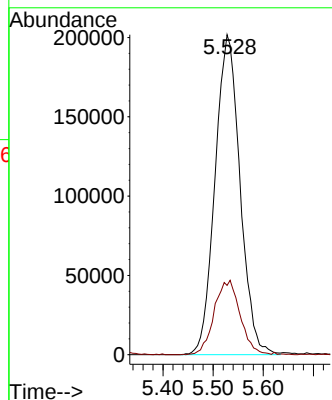
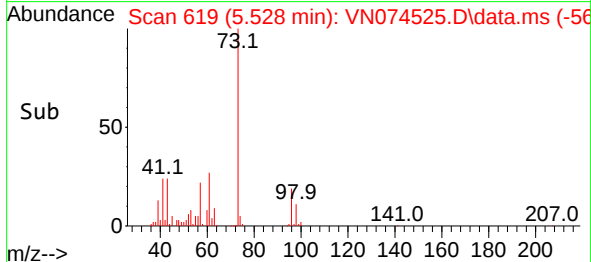
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 698749
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

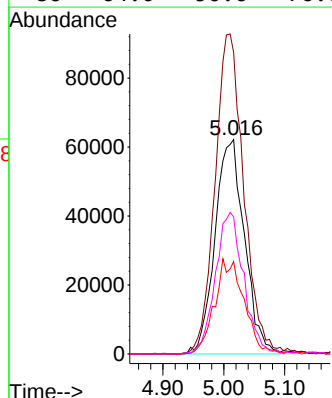
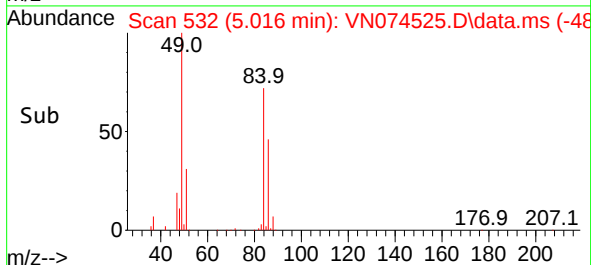
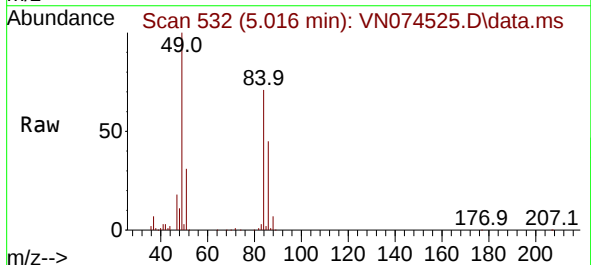
Manual Integrations
APPROVED

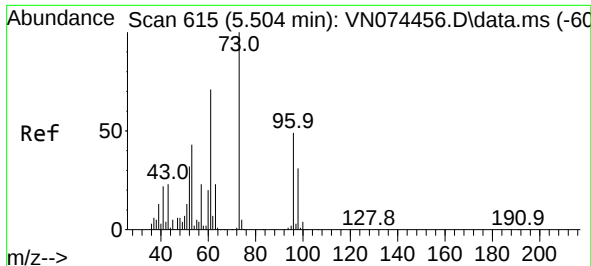
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 52.550 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

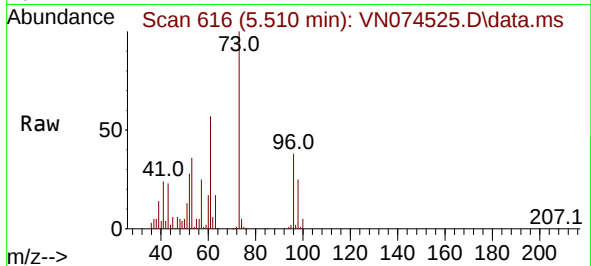
Tgt Ion: 84 Resp: 209109
Ion Ratio Lower Upper
84 100
49 140.6 88.3 132.5#
51 43.1 28.2 42.2#
86 64.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.426 ug/l
RT: 5.510 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

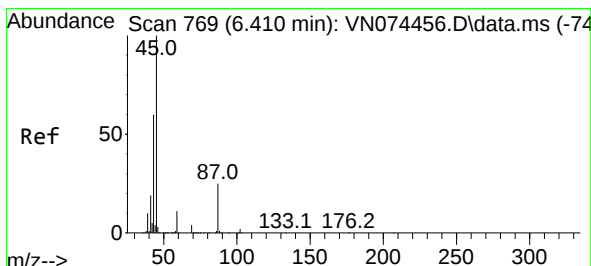
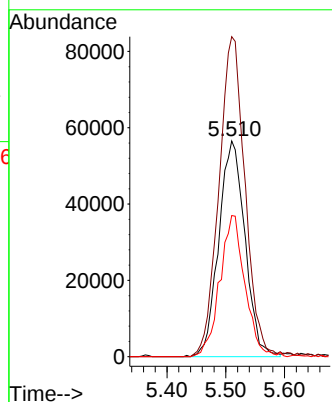
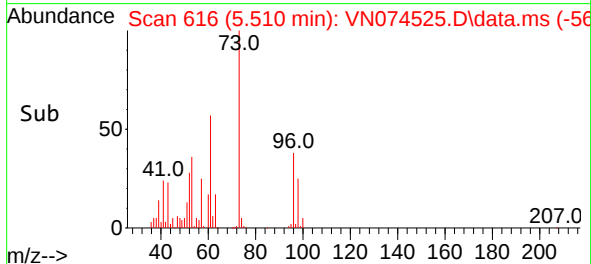
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 17512
Ion Ratio Lower Upper
96 100
61 148.4 105.8 158.8
98 65.5 50.3 75.5

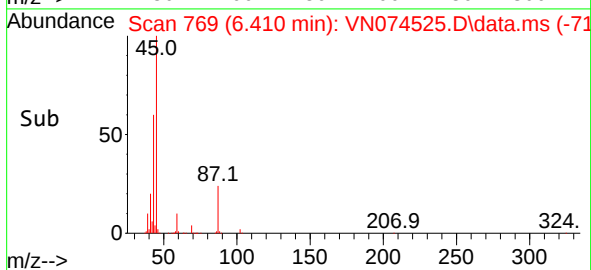
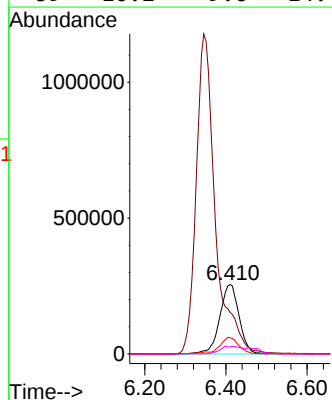
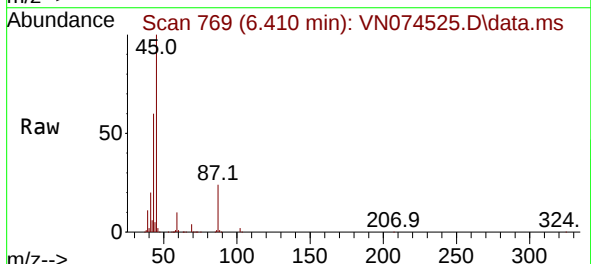
Manual Integrations
APPROVED

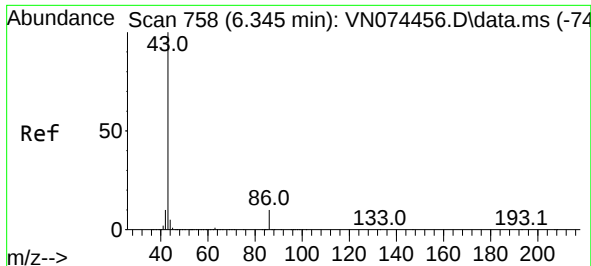
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 56.057 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

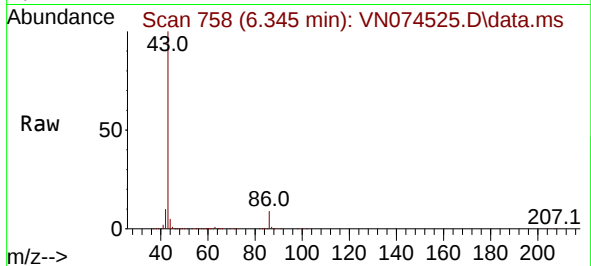
Tgt Ion: 45 Resp: 849779
Ion Ratio Lower Upper
45 100
43 58.8 46.6 70.0
87 23.4 24.3 36.5#
59 10.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 289.141 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41

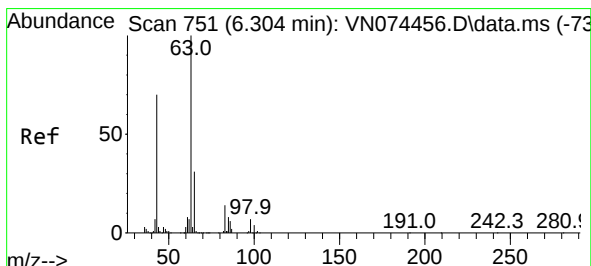
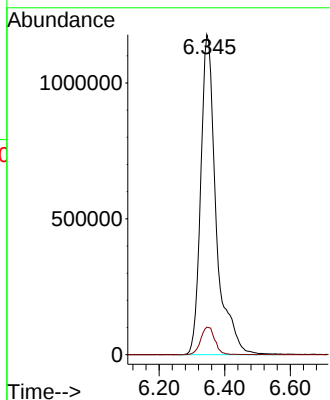
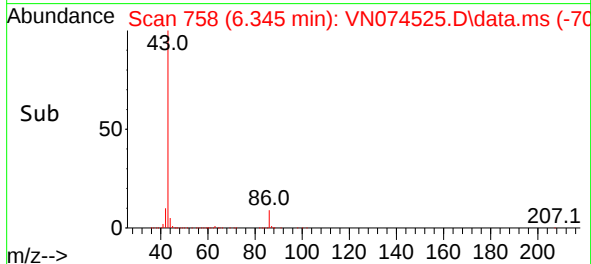
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



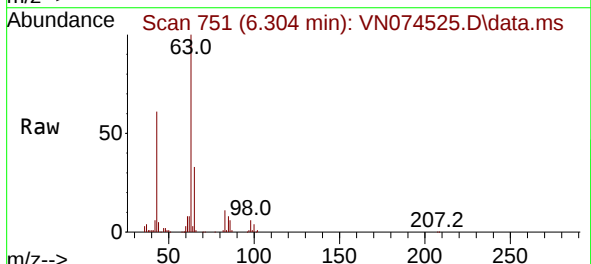
Tgt Ion: 43 Resp: 386594
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.0 15.0

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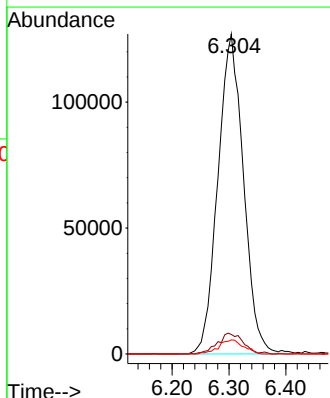
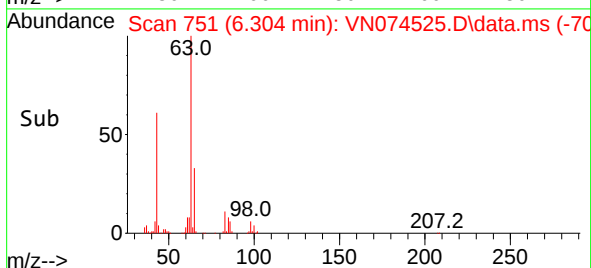
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

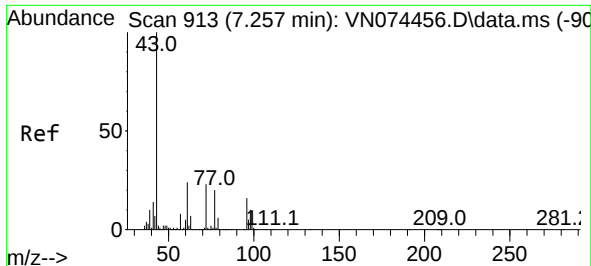


#24
 1,1-Dichloroethane
 Concen: 52.314 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41



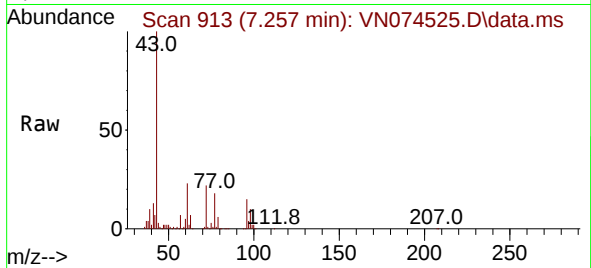
Tgt Ion: 63 Resp: 396410
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 293.358 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

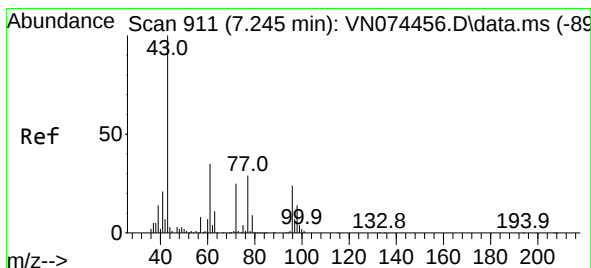
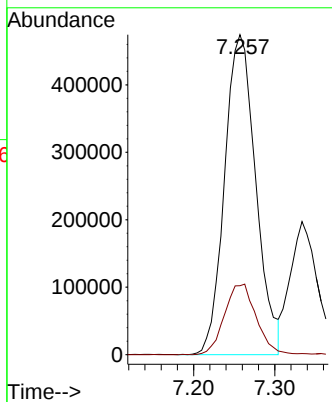
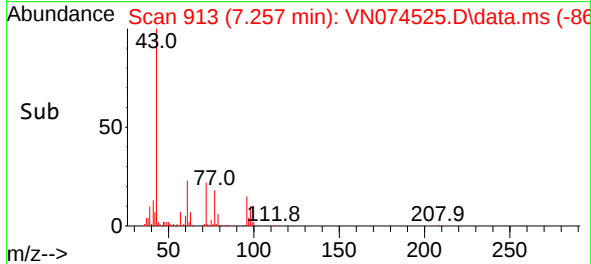
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



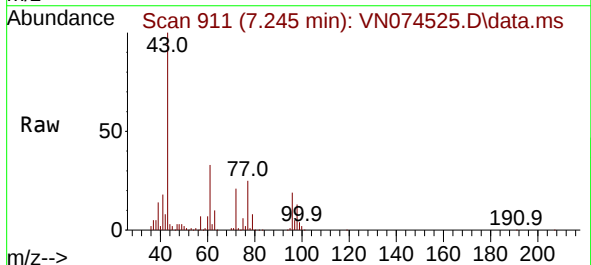
Tgt Ion: 43 Resp: 126945
Ion Ratio Lower Upper
43 100
72 21.6 23.7 35.5

Manual Integrations
APPROVED

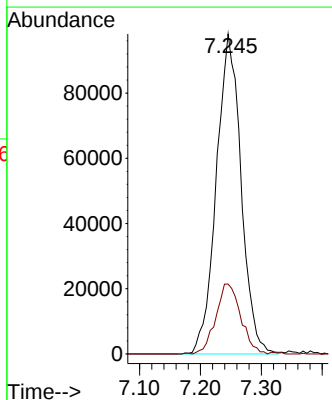
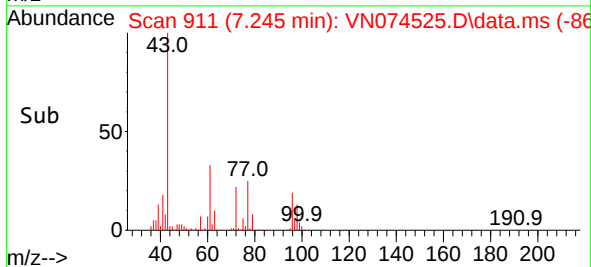
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

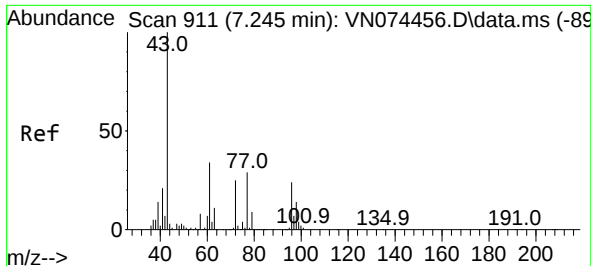


#26
2,2-Dichloropropane
Concen: 42.345 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



Tgt Ion: 77 Resp: 276638
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.780 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

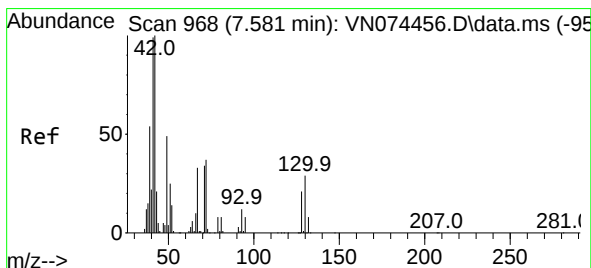
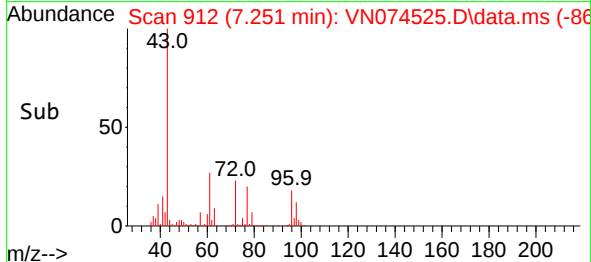
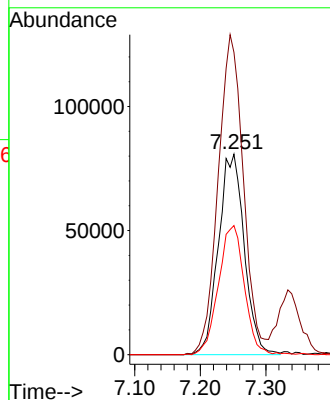
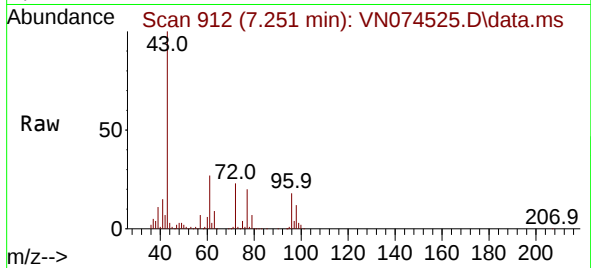
Tgt Ion:	96	Resp:	221260
Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	280.6
98	64.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#28

Bromochloromethane

Concen: 55.605 ug/l

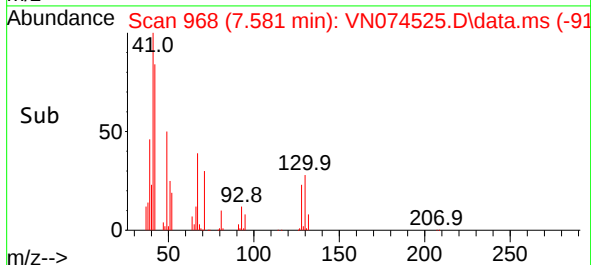
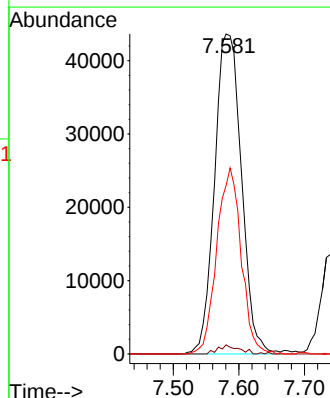
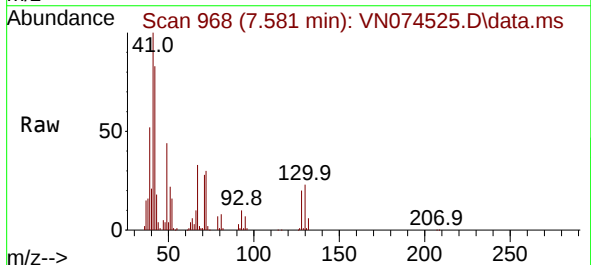
RT: 7.581 min Scan# 968

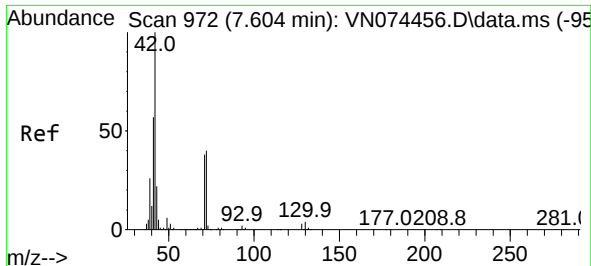
Delta R.T. -0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Tgt Ion:	49	Resp:	124073
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	52.9	69.7	104.5





#29

Tetrahydrofuran

Concen: 295.020 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074525.D

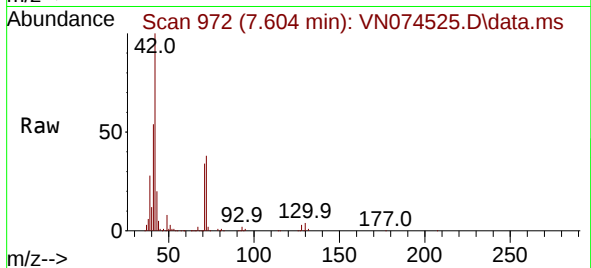
Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



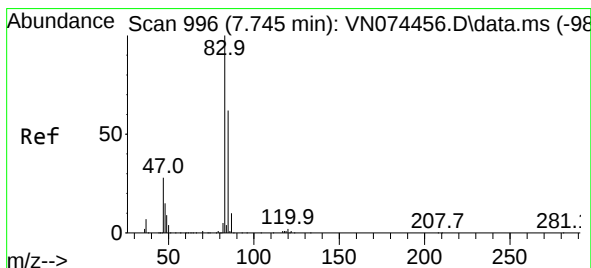
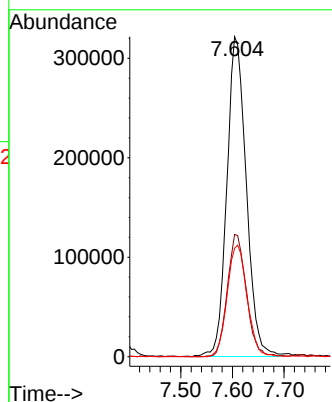
Tgt Ion:	42	Resp:	839378
Ion	Ratio	Lower	Upper
42	100		
72	37.5	39.7	59.5
71	35.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 54.100 ug/l

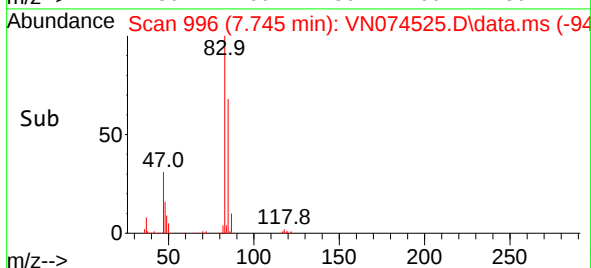
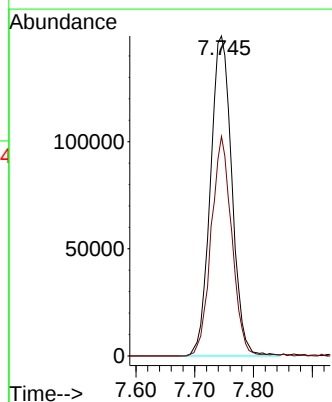
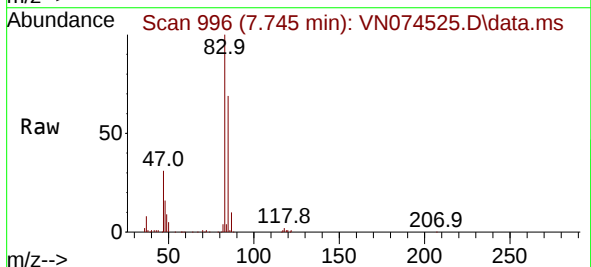
RT: 7.745 min Scan# 996

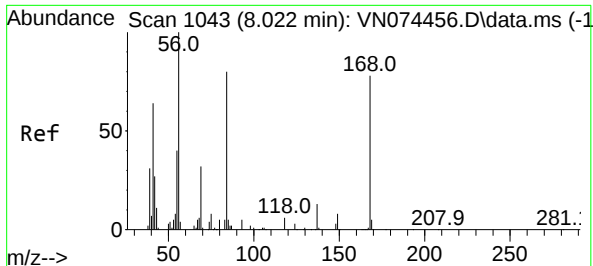
Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

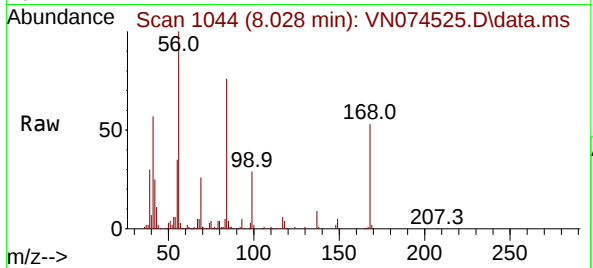
Tgt Ion:	83	Resp:	378370
Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.8	77.8





#31
Cyclohexane
Concen: 51.456 ug/l
RT: 8.028 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

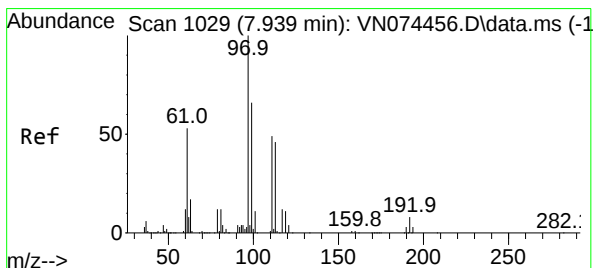
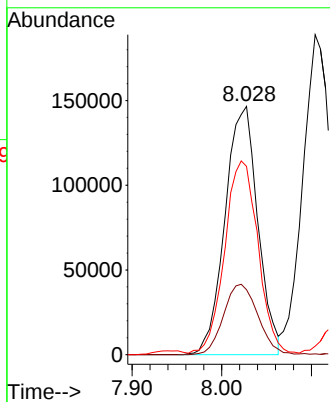
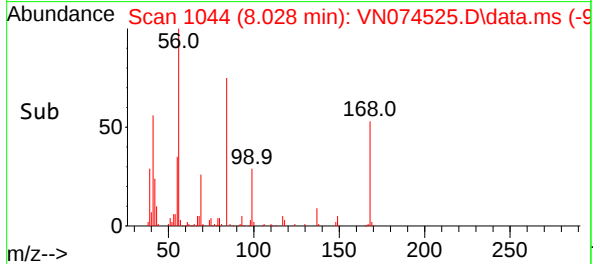
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



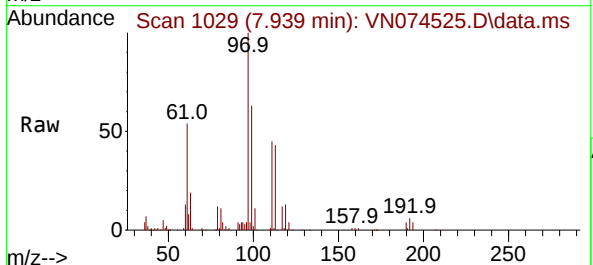
Tgt Ion: 56 Resp: 37200
Ion Ratio Lower Upper
56 100
69 26.2 27.8 41.8
84 74.3 76.9 115.3

Manual Integrations
APPROVED

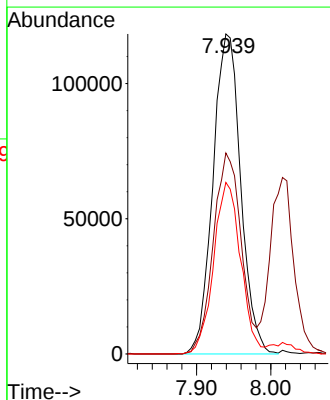
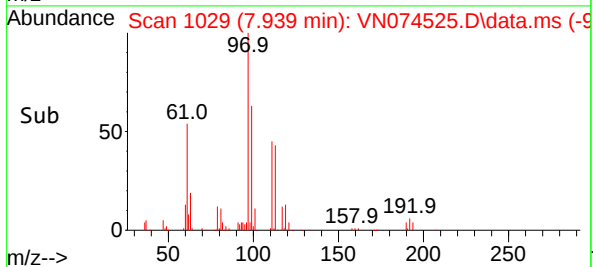
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

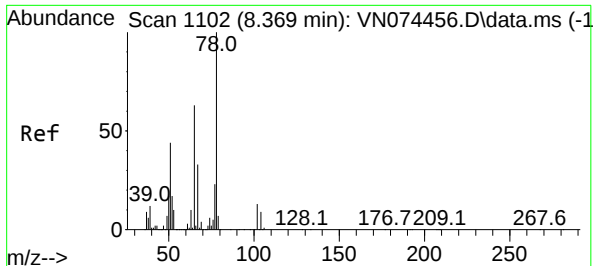


#32
1,1,1-Trichloroethane
Concen: 50.222 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



Tgt Ion: 97 Resp: 308061
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 52.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.741 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 210744

Ion Ratio Lower Upper

65 100

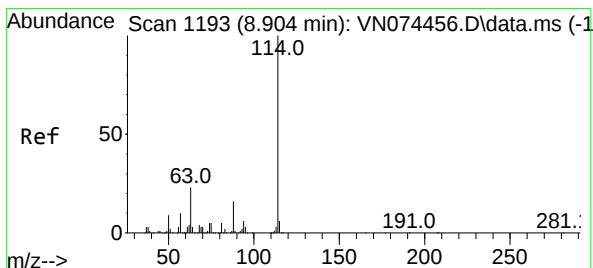
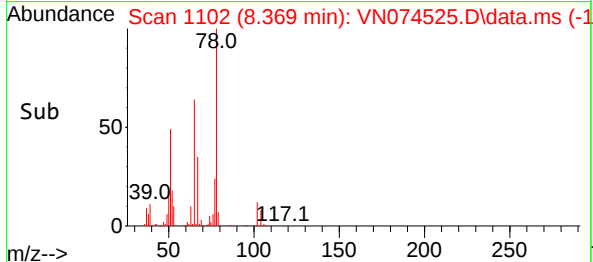
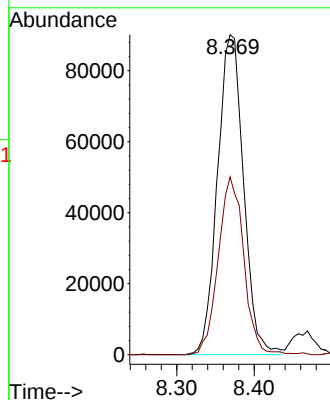
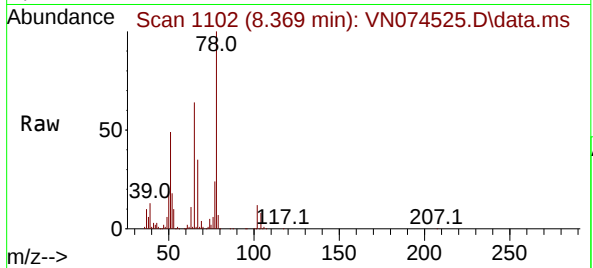
67 54.4 0.0 104.8

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: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

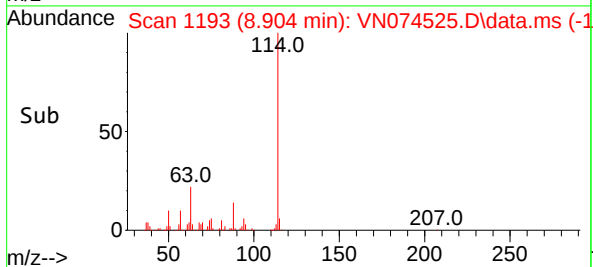
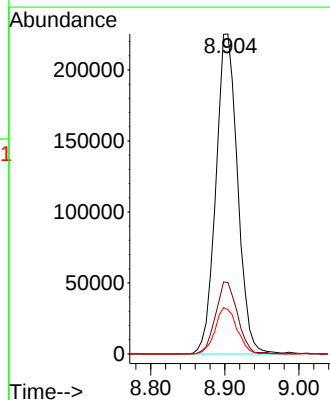
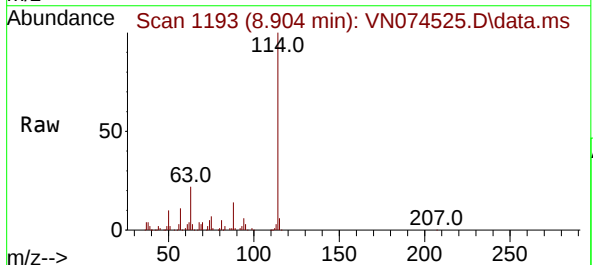
Tgt Ion:114 Resp: 458809

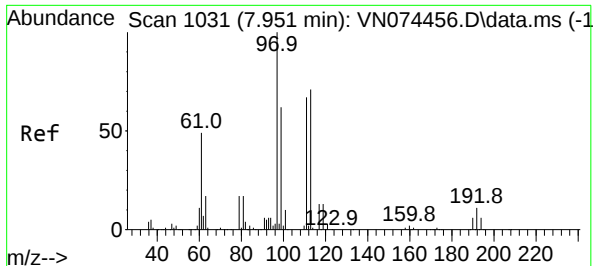
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 13.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.843 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16105

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

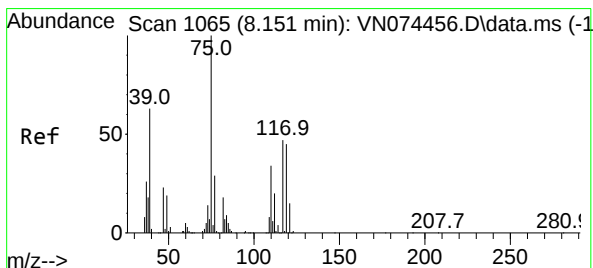
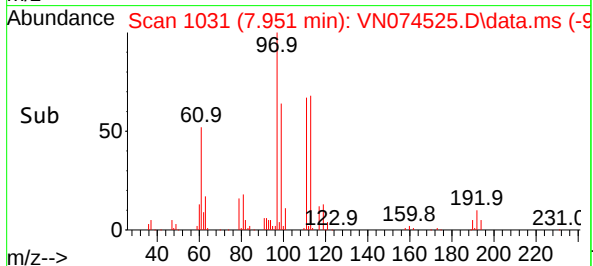
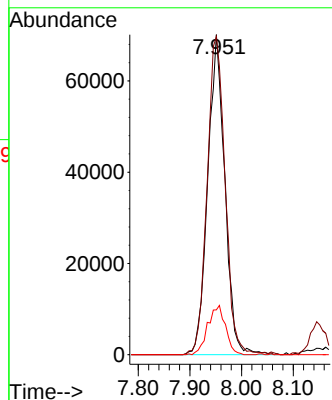
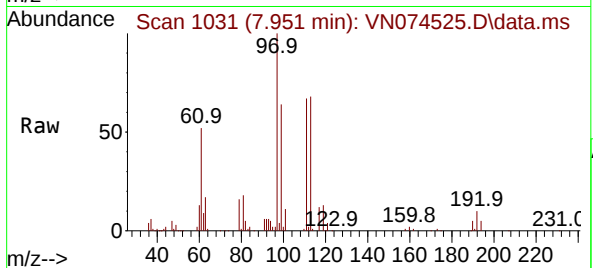
192 16.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#36

1,1-Dichloropropene

Concen: 49.860 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

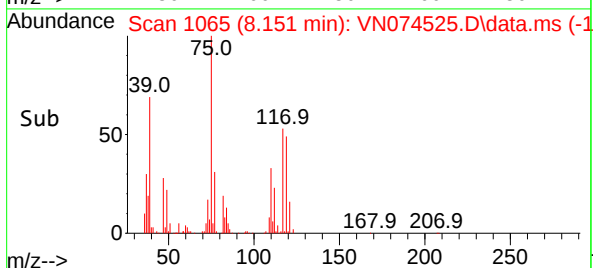
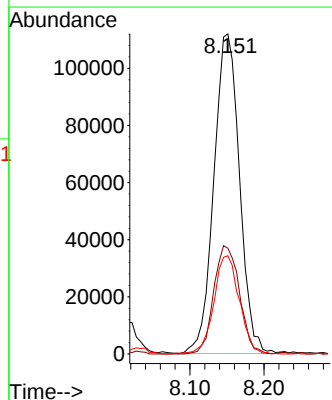
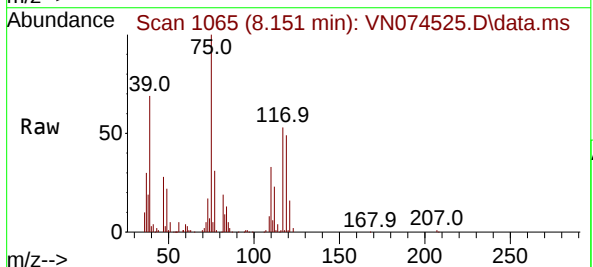
Tgt Ion: 75 Resp: 268978

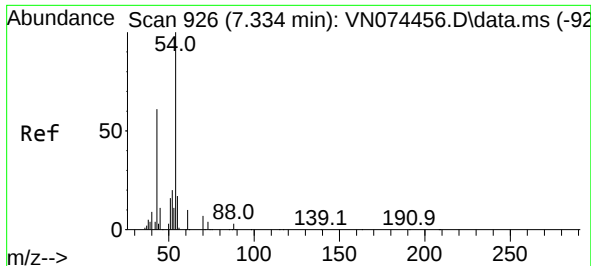
Ion Ratio Lower Upper

75 100

110 33.9 18.3 54.8

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 56.594 ug/l

RT: 7.334 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074525.D

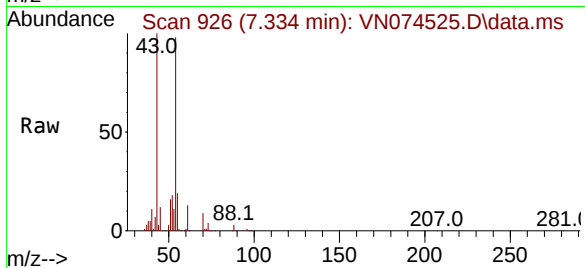
Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



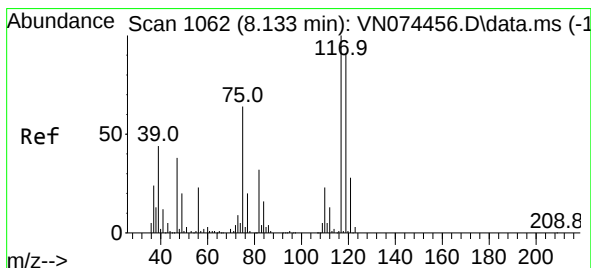
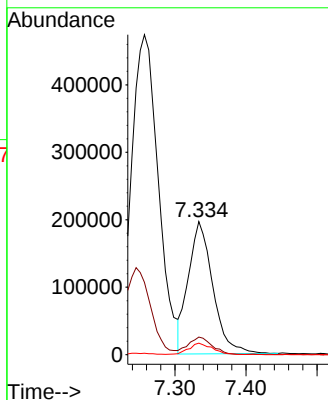
Tgt Ion:	43	Resp:	471498
Ion Ratio	Lower	Upper	
43	100		
61	12.6	11.8	17.6
70	8.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Carbon Tetrachloride

Concen: 50.205 ug/l

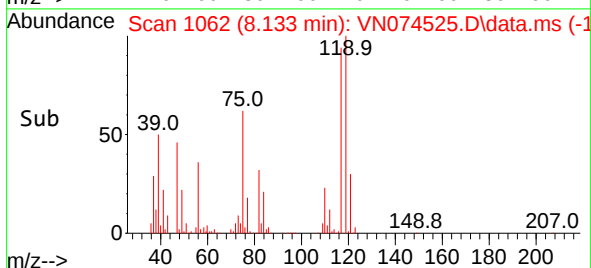
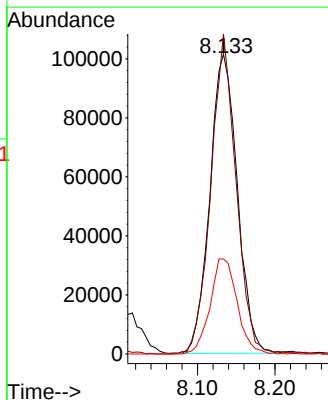
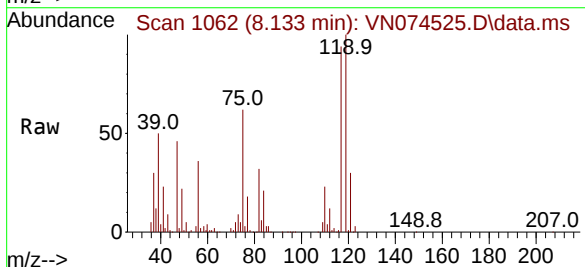
RT: 8.133 min Scan# 1062

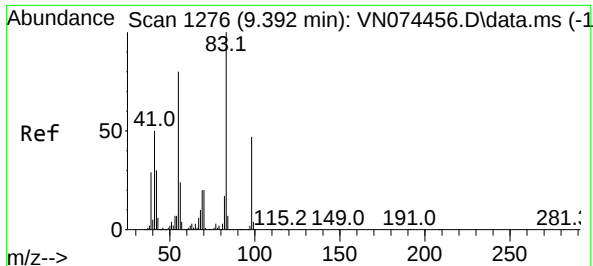
Delta R.T. 0.001 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Tgt Ion:	117	Resp:	250063
Ion Ratio	Lower	Upper	
117	100		
119	106.7	75.8	113.8
121	31.7	24.6	37.0





#39

Methylcyclohexane

Concen: 51.148 ug/l

RT: 9.398 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN074525.D

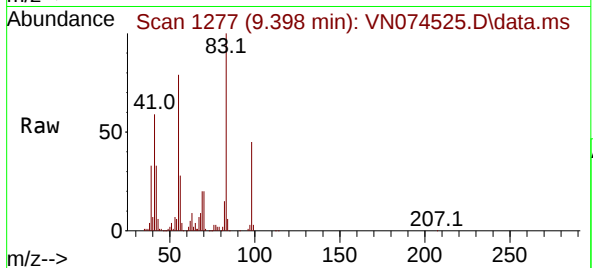
Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



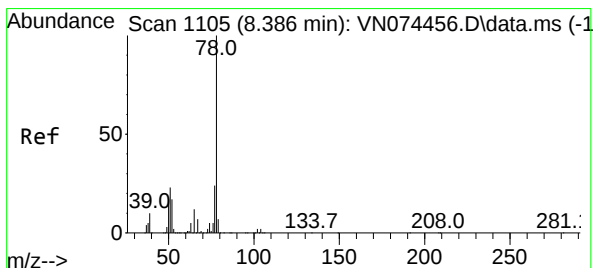
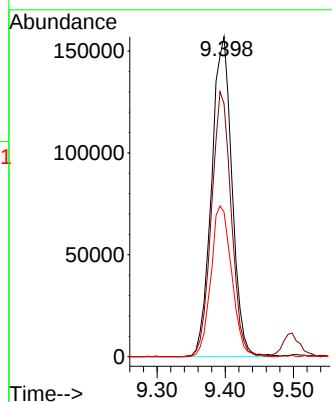
Tgt Ion:	83	Resp:	32810
Ion Ratio	Lower	Upper	
83	100		
55	79.0	57.8	86.8
98	45.2	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 54.000 ug/l

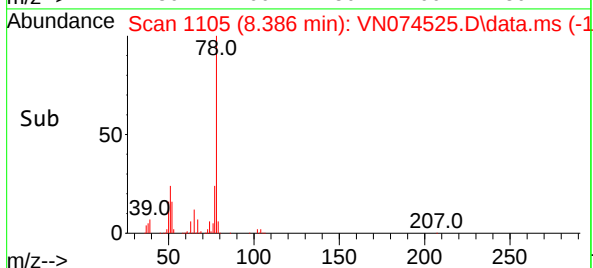
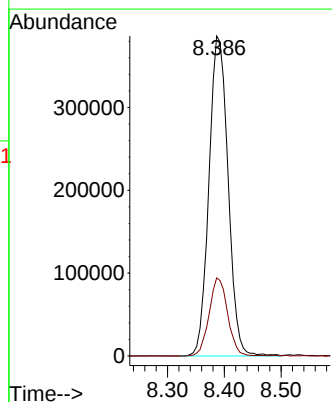
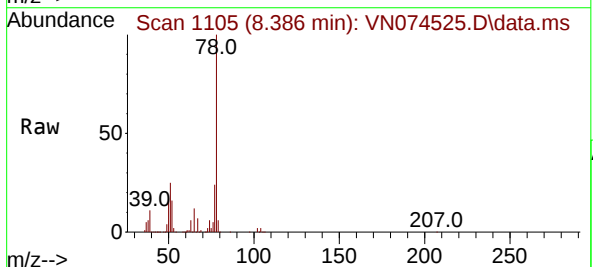
RT: 8.386 min Scan# 1105

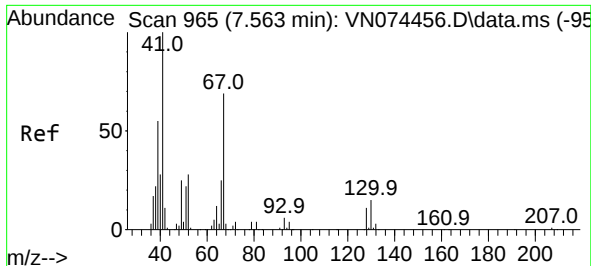
Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

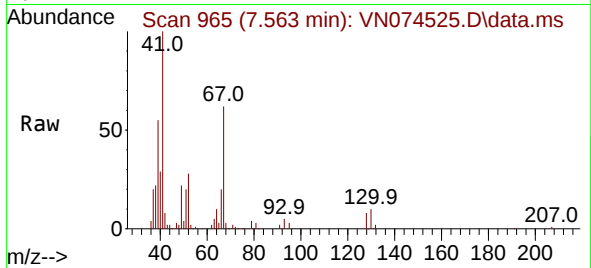
Tgt Ion:	78	Resp:	900817
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.4	29.0





#41
Methacrylonitrile
Concen: 55.191 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

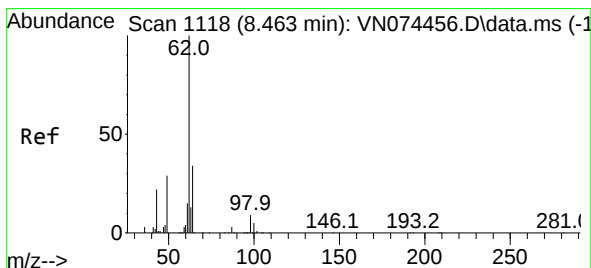
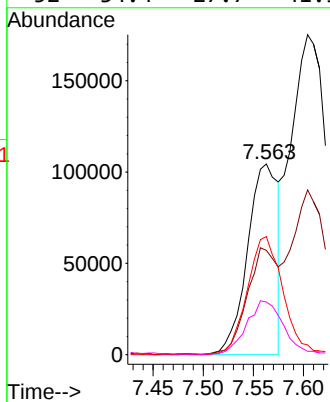
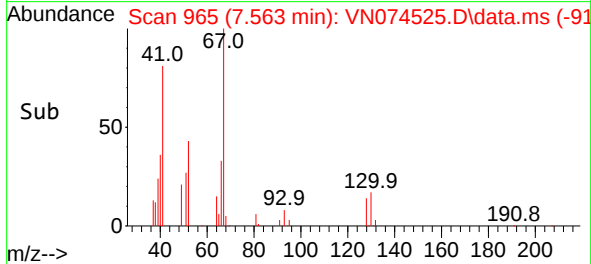
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



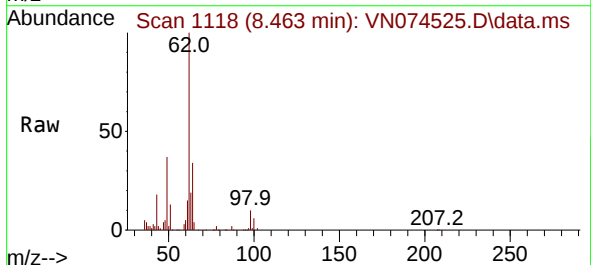
Tgt Ion: 41 Resp: 222300
Ion Ratio Lower Upper
41 100
39 54.9 48.6 73.0
67 72.5 73.4 110.2
52 34.4 27.7 41.5

Manual Integrations
APPROVED

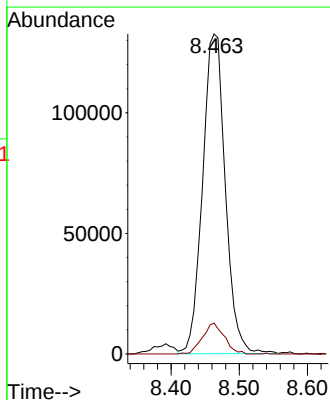
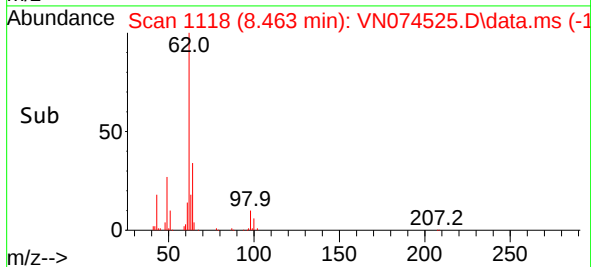
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

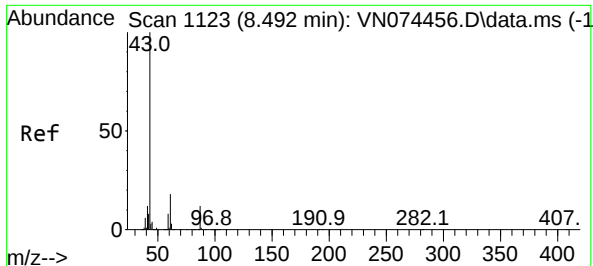


#42
1,2-Dichloroethane
Concen: 53.727 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



Tgt Ion: 62 Resp: 307567
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 56.403 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 73605

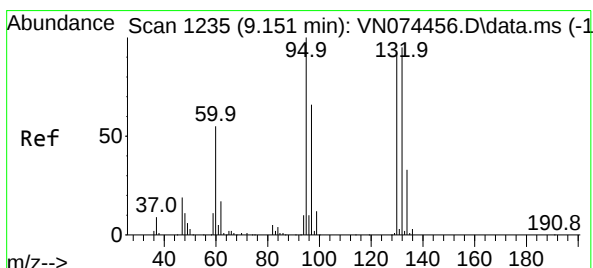
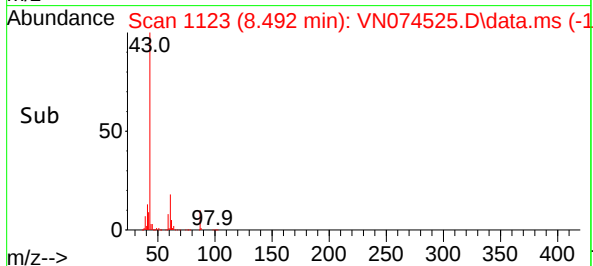
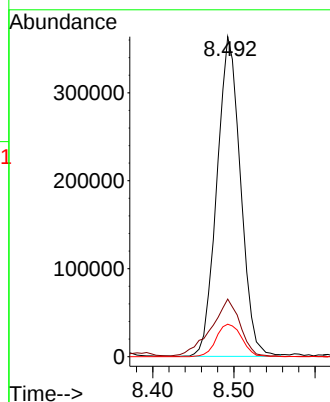
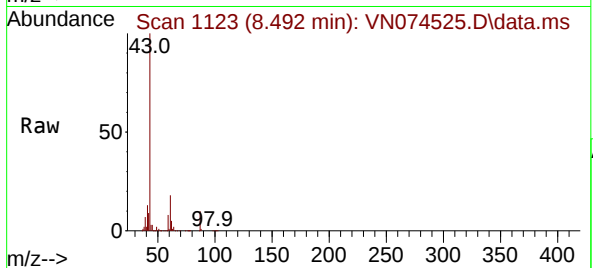
Ion	Ratio	Lower	Upper
43	100		
61	22.2	21.9	32.9
87	11.0	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#44

Trichloroethene

Concen: 49.387 ug/l

RT: 9.151 min Scan# 1235

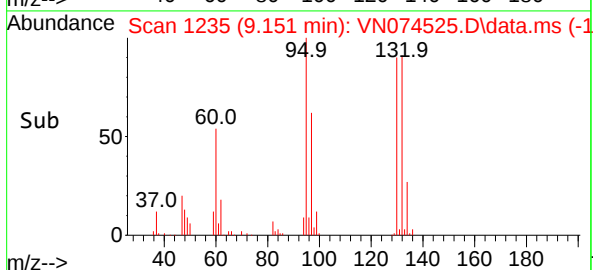
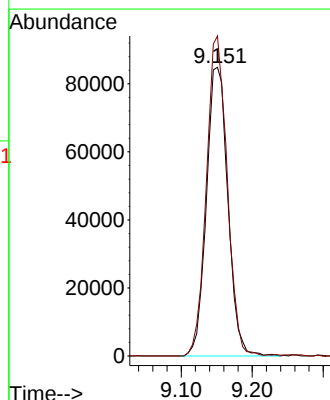
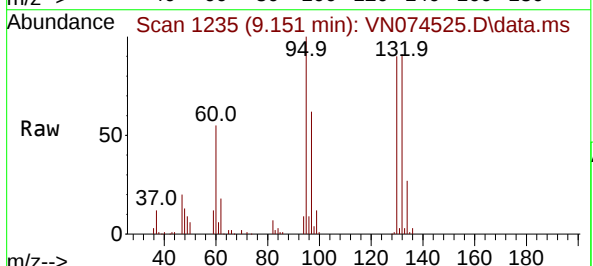
Delta R.T. 0.000 min

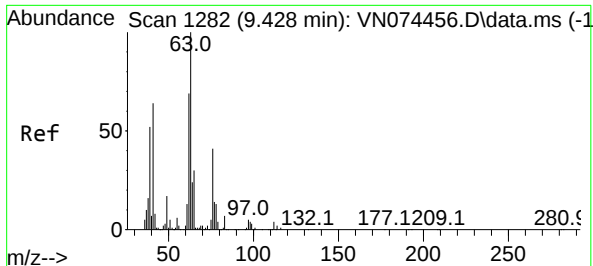
Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Tgt Ion:130 Resp: 178271

Ion	Ratio	Lower	Upper
130	100		
95	110.9	0.0	186.8





#45

1,2-Dichloropropane

Concen: 54.846 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 251440

Ion Ratio Lower Upper

63 100

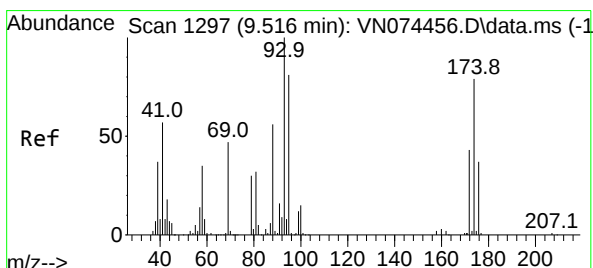
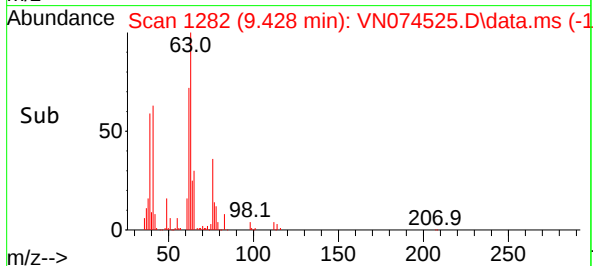
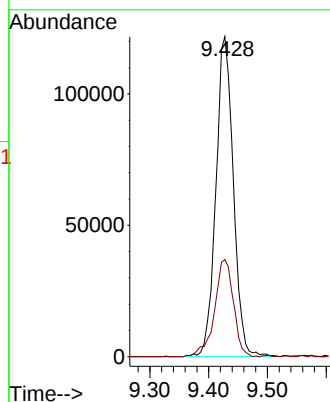
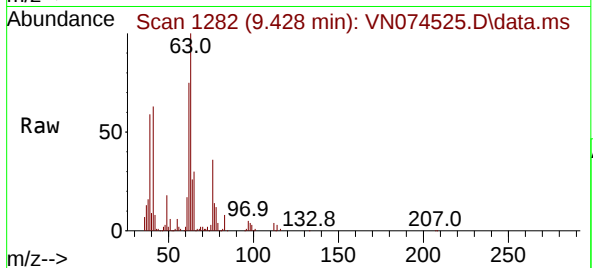
65 30.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 53.570 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

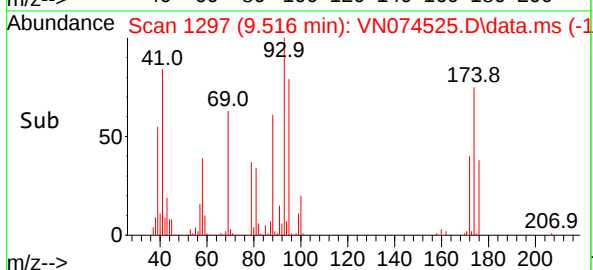
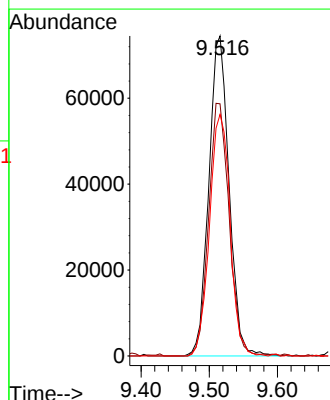
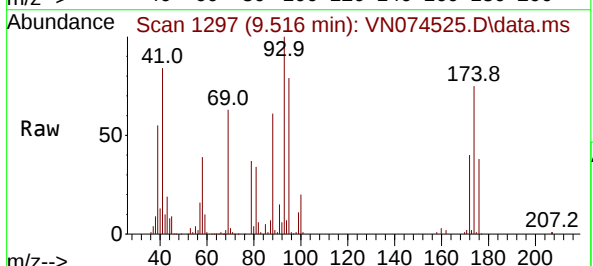
Tgt Ion: 93 Resp: 153818

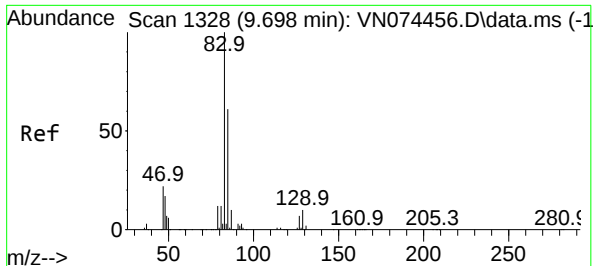
Ion Ratio Lower Upper

93 100

95 80.4 66.9 100.3

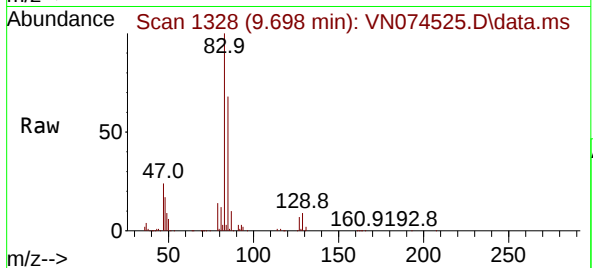
174 76.8 86.6 130.0#





#47
Bromodichloromethane
Concen: 54.056 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

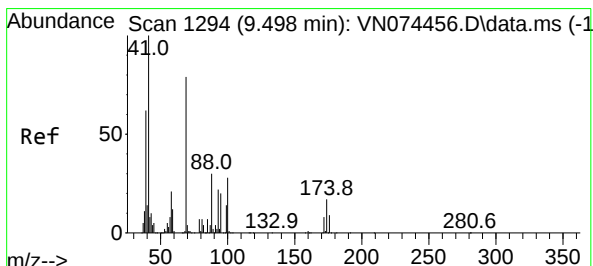
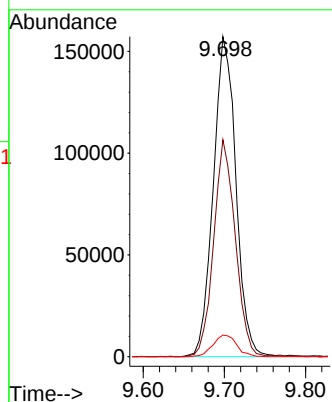
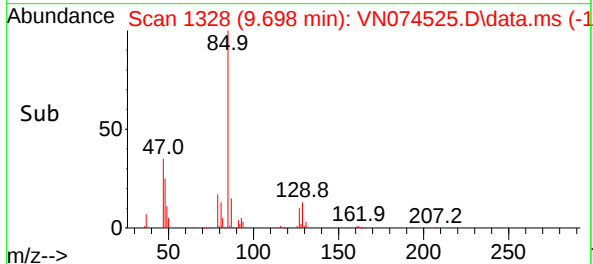
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



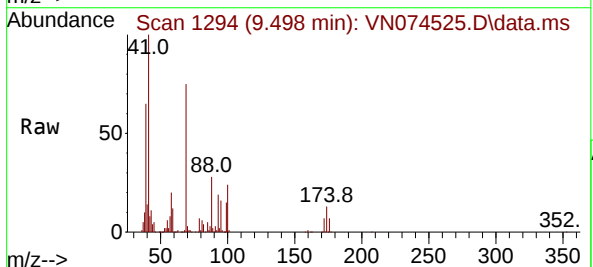
Tgt Ion: 83 Resp: 304304
Ion Ratio Lower Upper
83 100
85 67.8 50.5 75.7
127 6.8 6.8 10.2

Manual Integrations
APPROVED

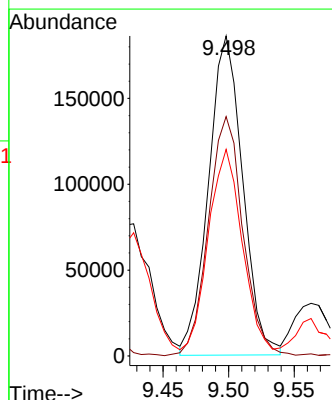
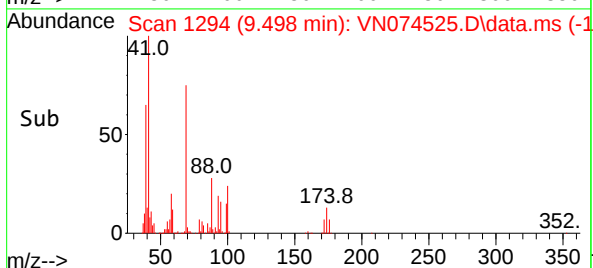
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

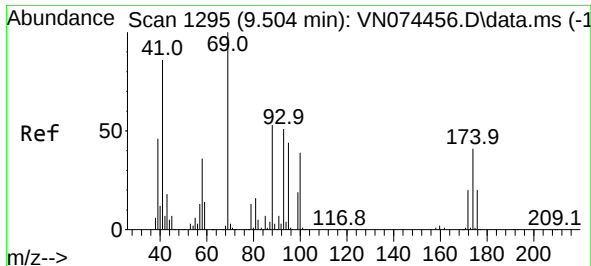


#48
Methyl methacrylate
Concen: 58.301 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



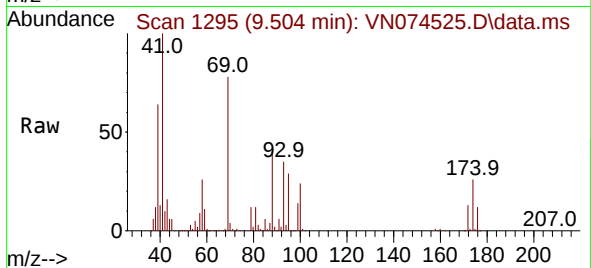
Tgt Ion: 41 Resp: 337357
Ion Ratio Lower Upper
41 100
69 75.7 74.7 112.1
39 65.2 45.6 68.4





#49
1,4-Dioxane
Concen: 1099.349 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

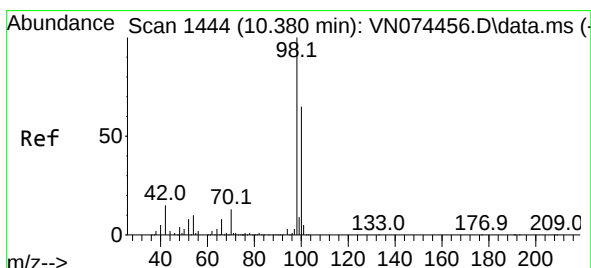
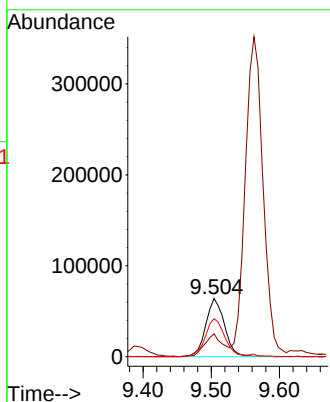
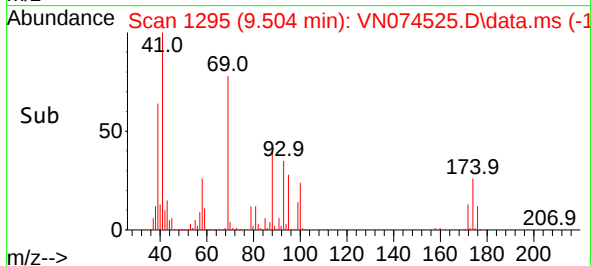
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 12230
Ion Ratio Lower Upper
88 100
43 39.0 20.2 30.4
58 67.9 54.2 81.4

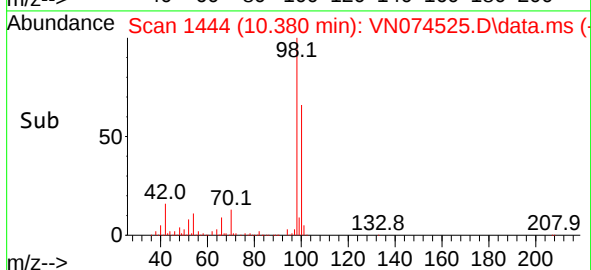
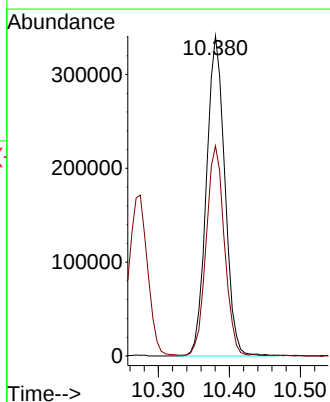
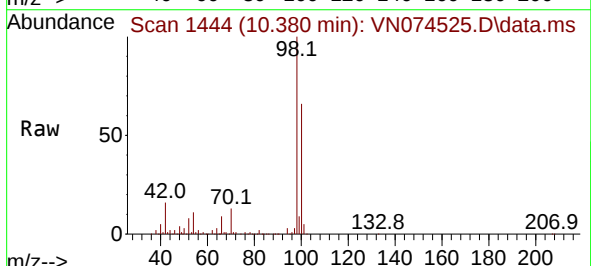
Manual Integrations
APPROVED

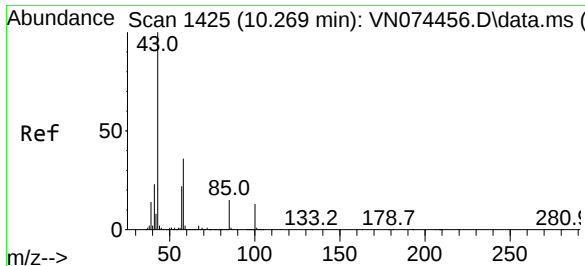
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#50
Toluene-d8
Concen: 52.030 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

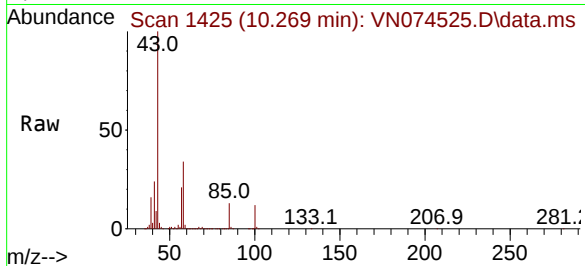
Tgt Ion: 98 Resp: 613269
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 304.951 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

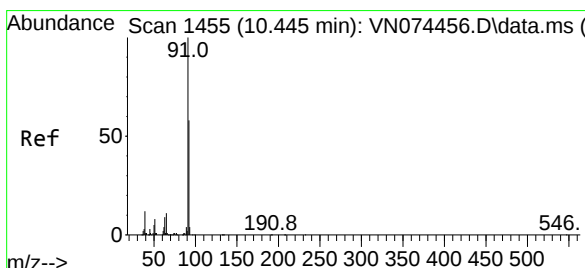
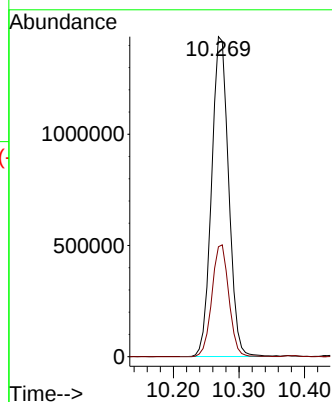
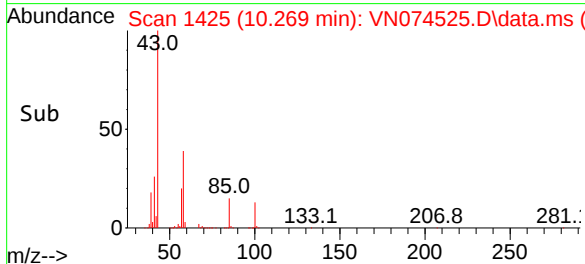
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



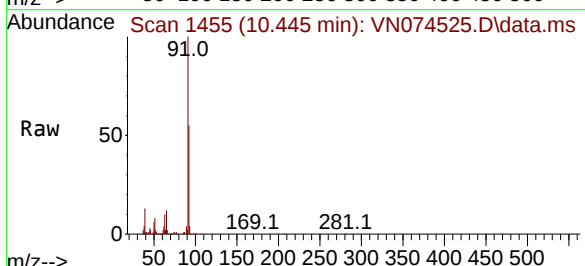
Tgt Ion: 43 Resp: 259875
Ion Ratio Lower Upper
43 100
58 34.8 34.1 51.1

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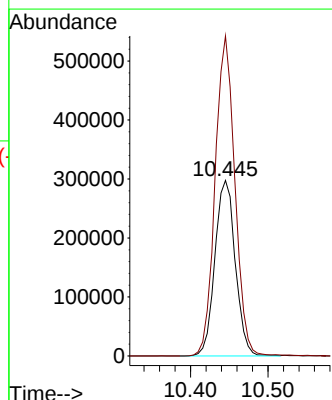
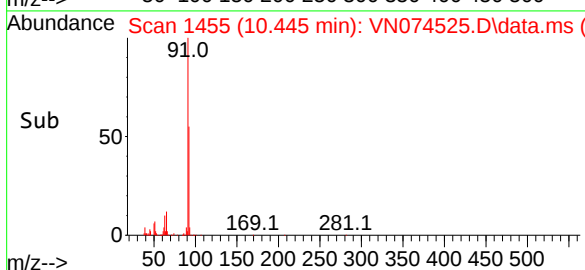
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

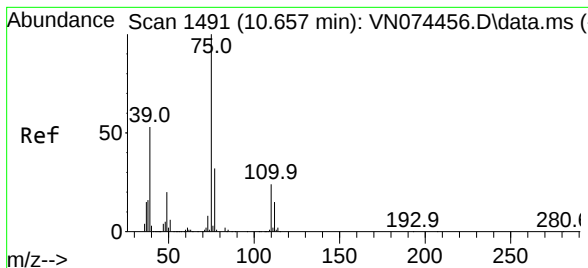


#52
Toluene
Concen: 55.531 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



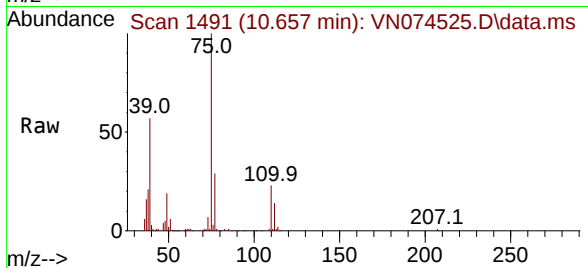
Tgt Ion: 92 Resp: 543215
Ion Ratio Lower Upper
92 100
91 177.4 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 54.188 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41

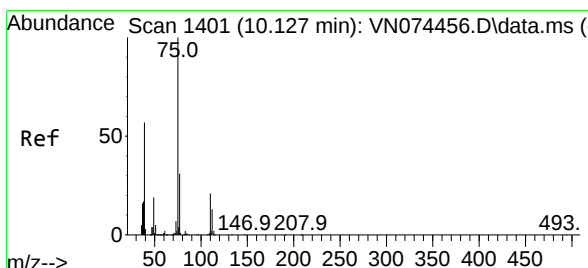
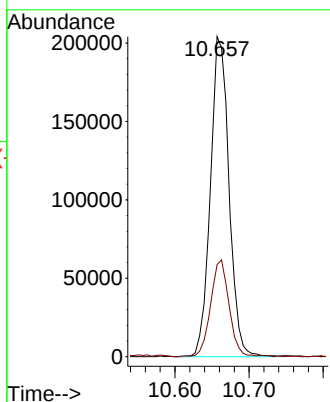
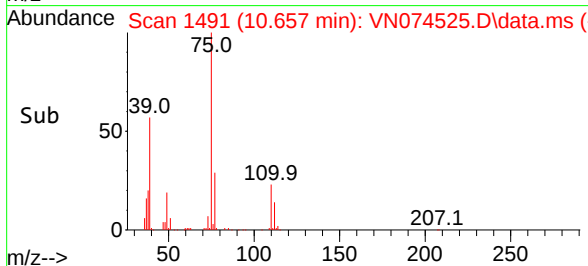
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



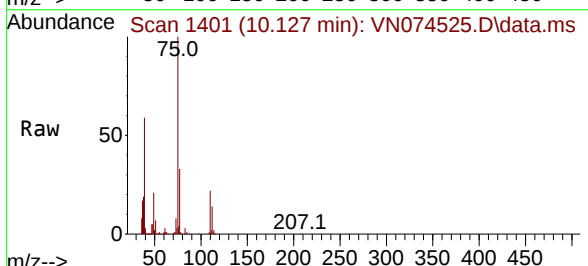
Tgt Ion: 75 Resp: 355529
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.6 38.4

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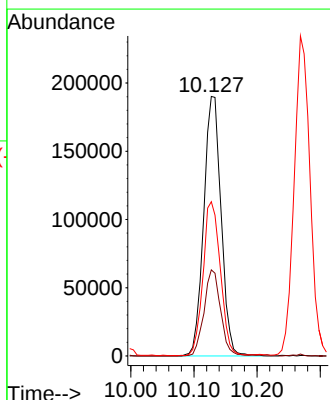
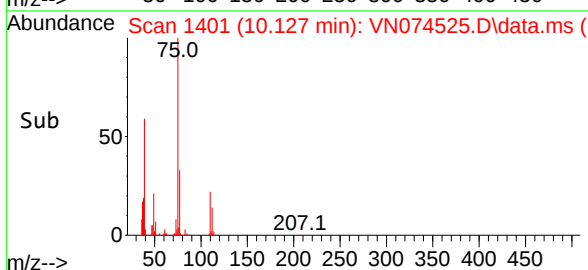
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

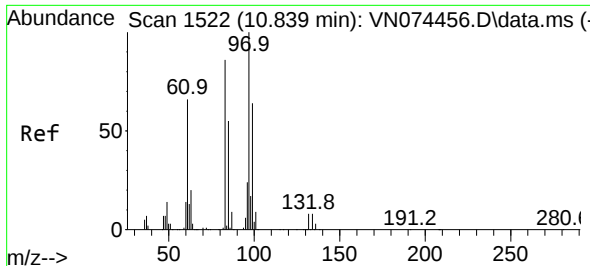


#54
 cis-1,3-Dichloropropene
 Concen: 51.823 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41



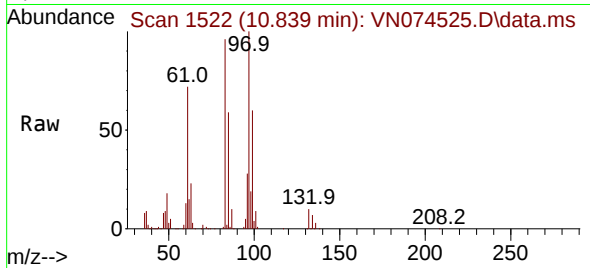
Tgt Ion: 75 Resp: 363857
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8
 39 59.3 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 53.425 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

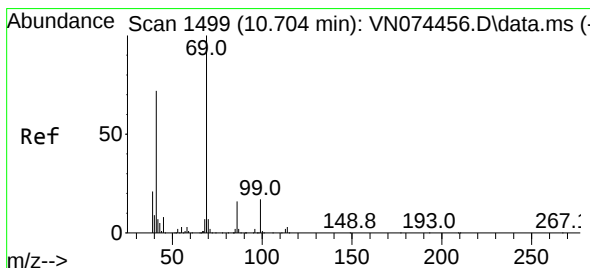
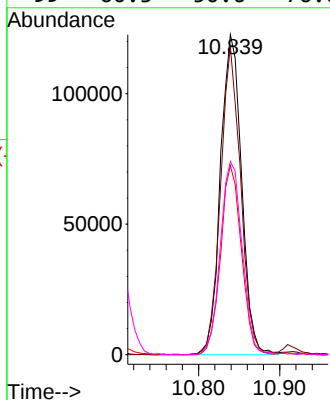
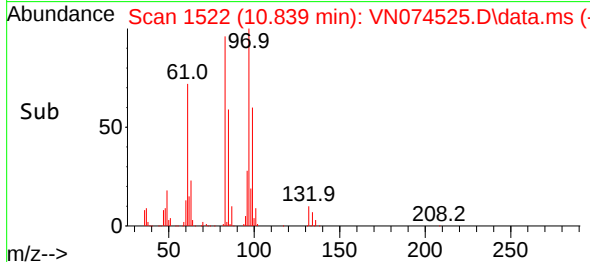


Tgt Ion: 97 Resp: 22137

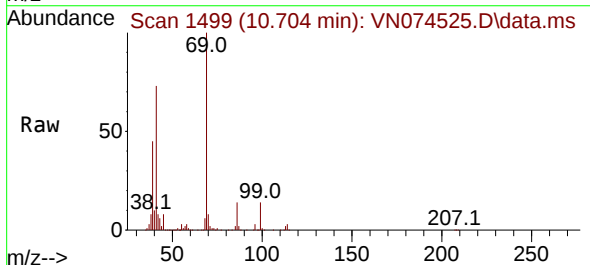
Ion	Ratio	Lower	Upper
97	100		
83	96.1	66.2	99.4
85	59.1	43.9	65.9
99	60.3	50.6	76.0

Manual Integrations
APPROVED

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

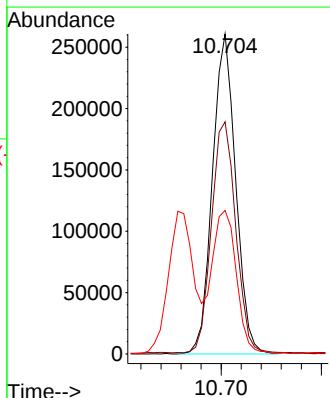
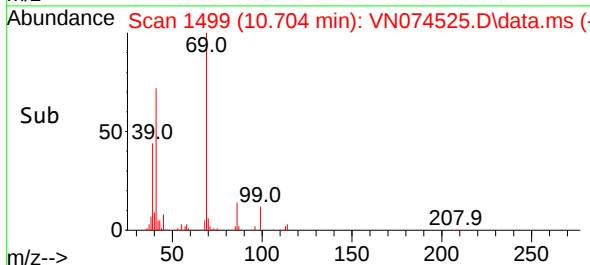


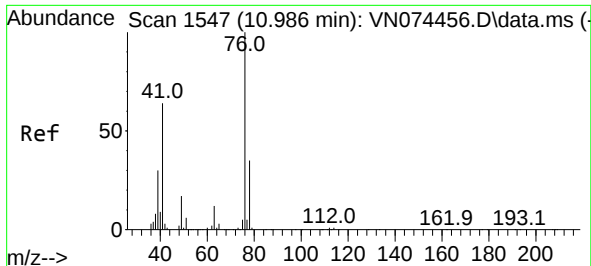
#56
Ethyl methacrylate
Concen: 56.611 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



Tgt Ion: 69 Resp: 419013

Ion	Ratio	Lower	Upper
69	100		
41	75.9	47.8	71.6#
39	47.0	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 55.450 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074525.D

Acq: 16 Sep 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 402839

Ion Ratio Lower Upper

76 100

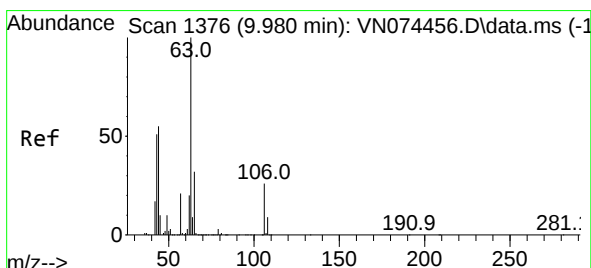
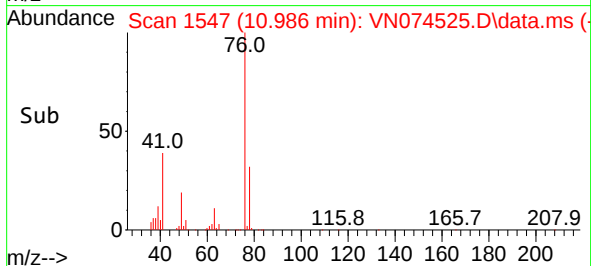
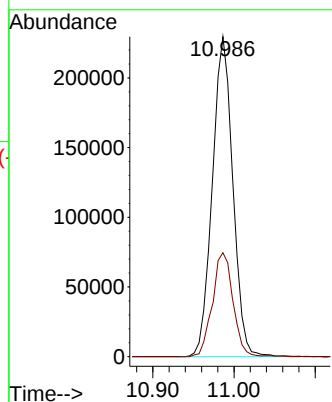
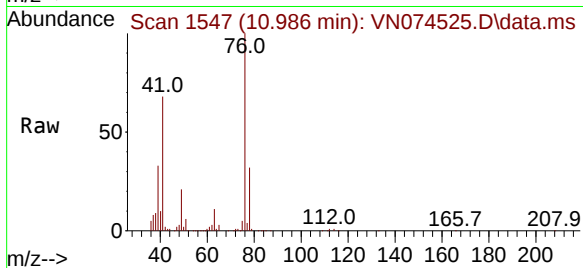
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 270.837 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074525.D

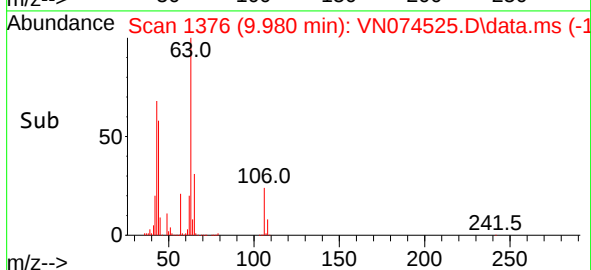
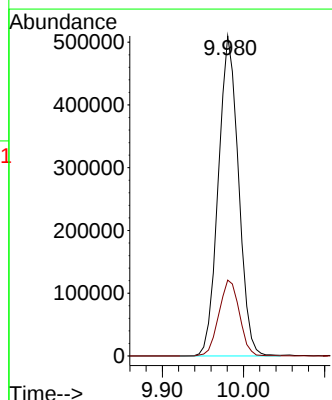
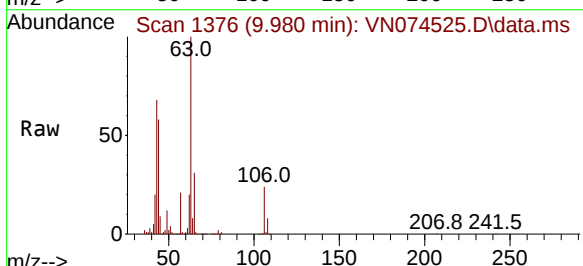
Acq: 16 Sep 2022 21:41

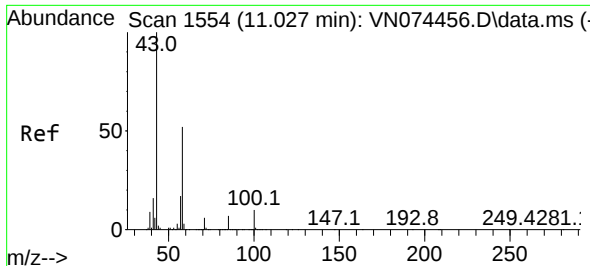
Tgt Ion: 63 Resp: 882221

Ion Ratio Lower Upper

63 100

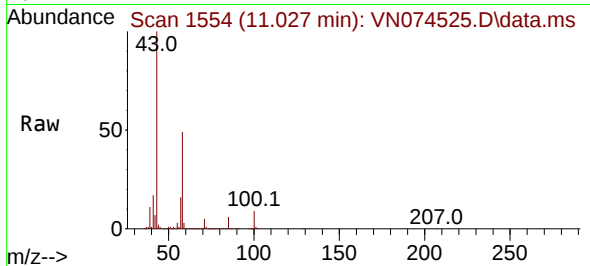
106 24.1 24.6 36.8





#59
2-Hexanone
Concen: 308.397 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

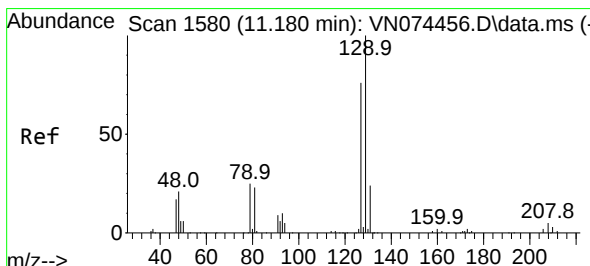
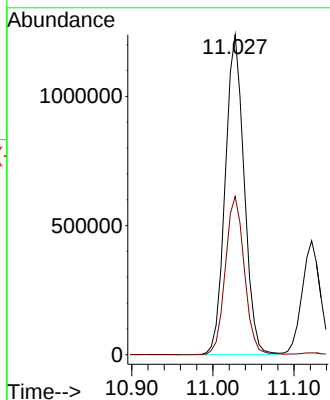
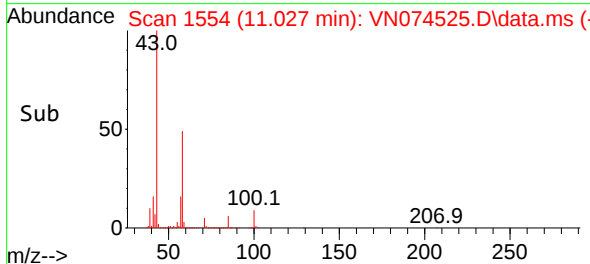
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



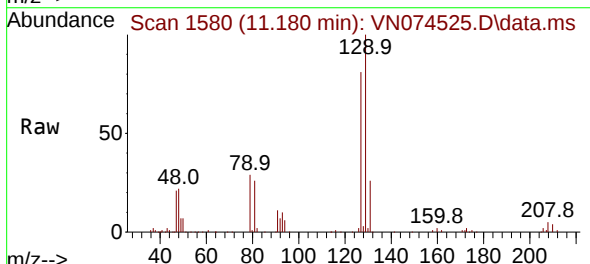
Tgt Ion: 43 Resp: 200627
Ion Ratio Lower Upper
43 100
58 49.7 29.7 89.1

Manual Integrations
APPROVED

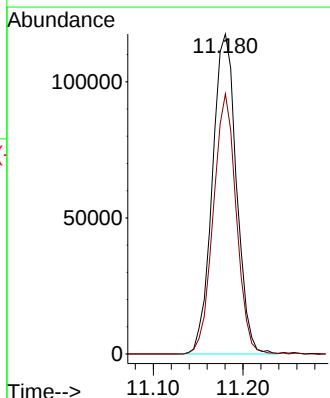
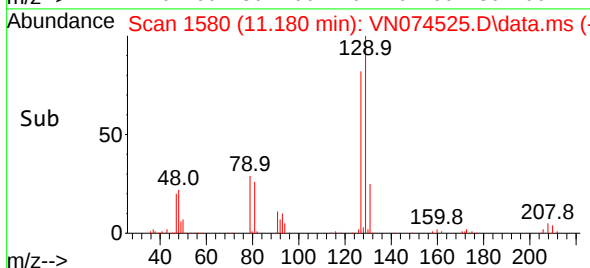
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

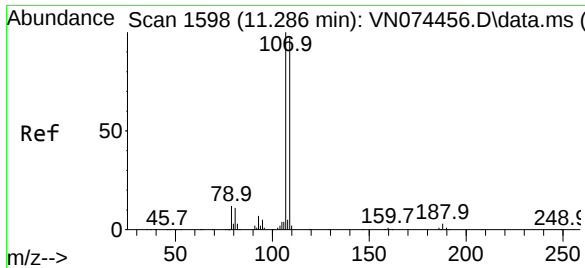


#60
Dibromochloromethane
Concen: 55.270 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



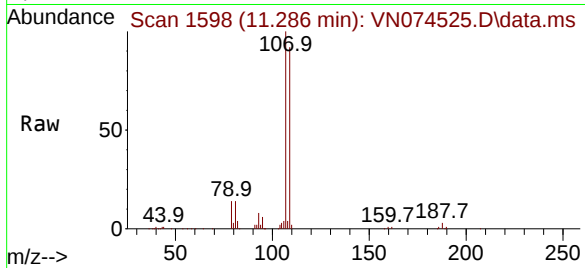
Tgt Ion:129 Resp: 219237
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.347 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

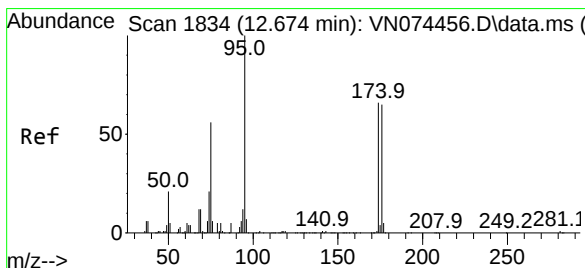
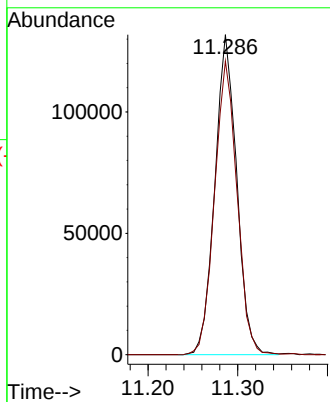
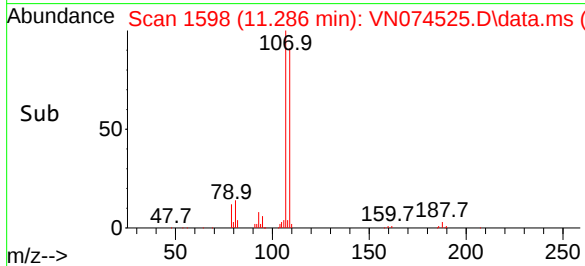
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



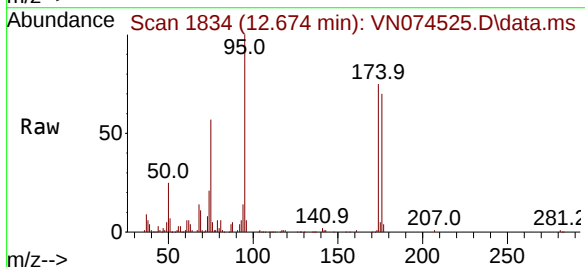
Tgt Ion:107 Resp: 22279
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6

Manual Integrations
APPROVED

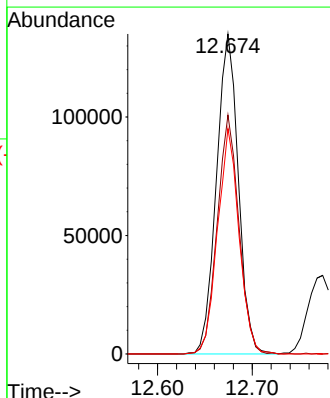
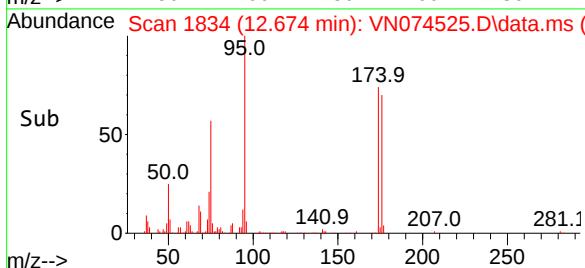
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

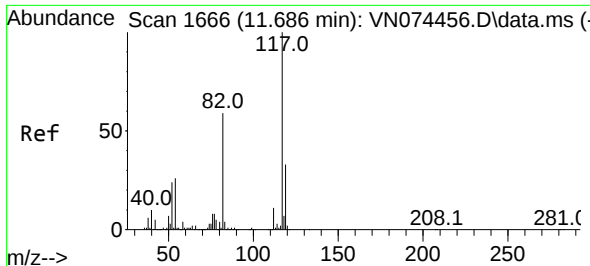


#62
4-Bromofluorobenzene
Concen: 53.740 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



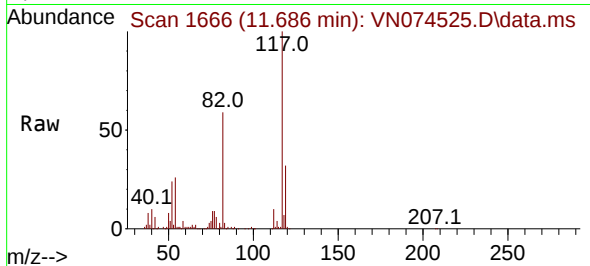
Tgt Ion: 95 Resp: 216945
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 69.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

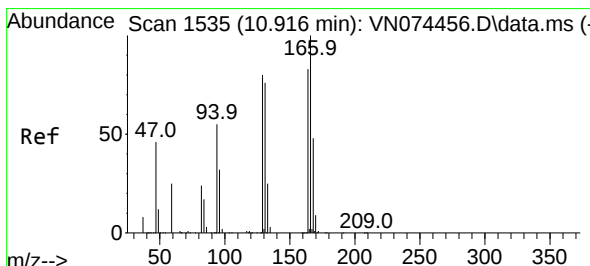
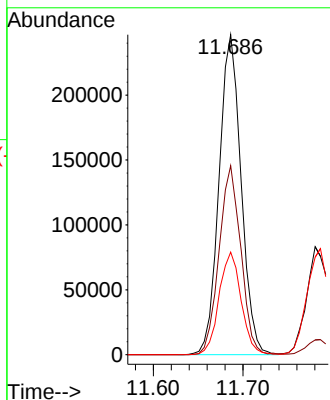
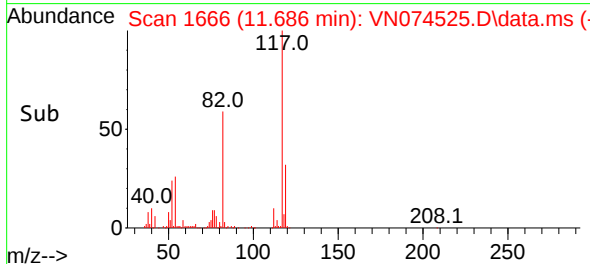
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 421329
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 32.0 25.4 38.0

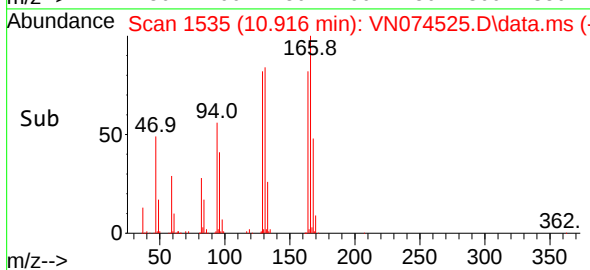
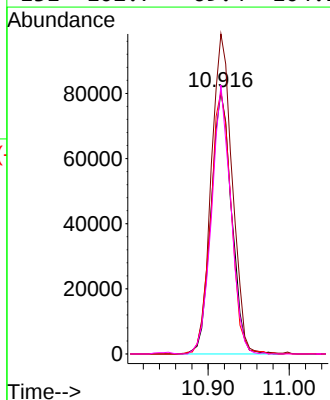
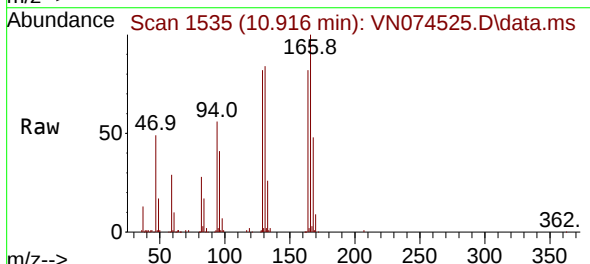
Manual Integrations
APPROVED

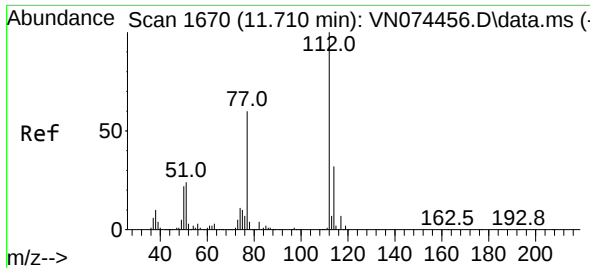
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 48.836 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Tgt Ion:164 Resp: 141208
Ion Ratio Lower Upper
164 100
166 122.2 104.2 156.2
129 100.2 73.9 110.9
131 102.7 69.4 104.2





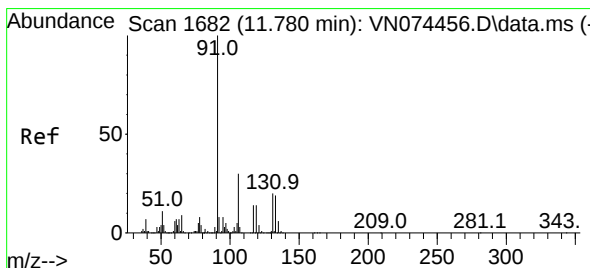
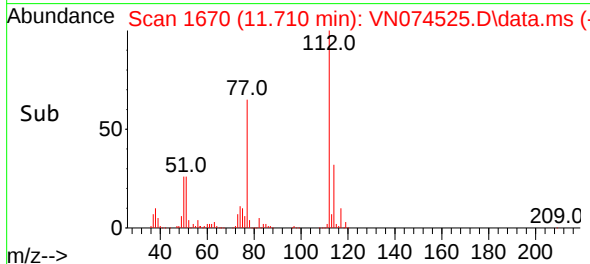
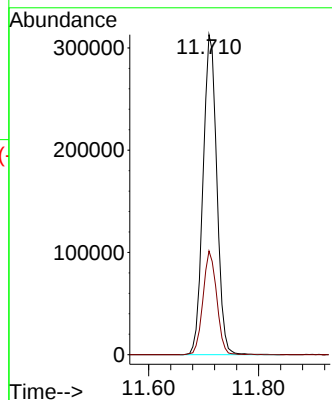
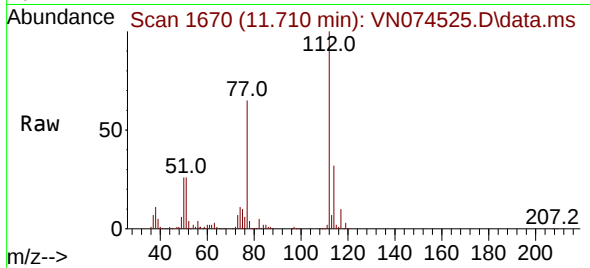
#65
Chlorobenzene
Concen: 51.450 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 544200
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

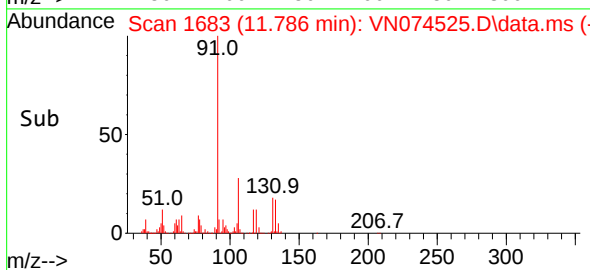
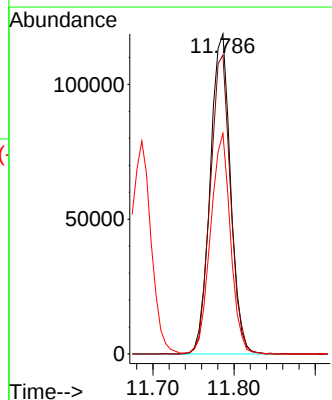
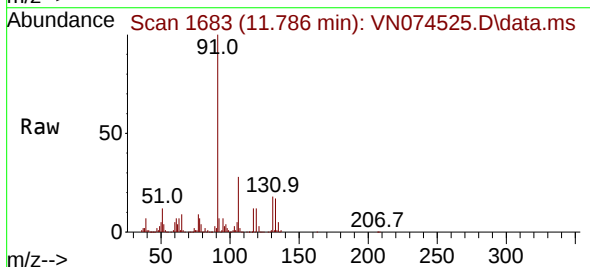
Manual Integrations
APPROVED

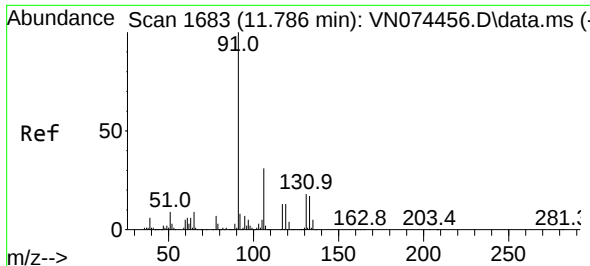
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.490 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

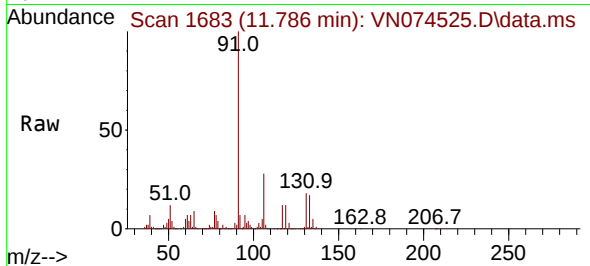
Tgt Ion:131 Resp: 205565
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.4
119 67.9 33.4 100.2





#67
Ethyl Benzene
Concen: 54.243 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

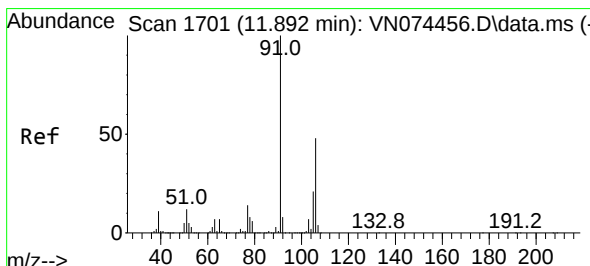
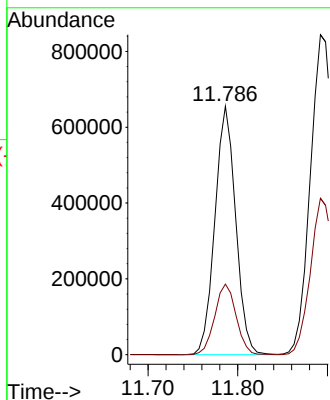
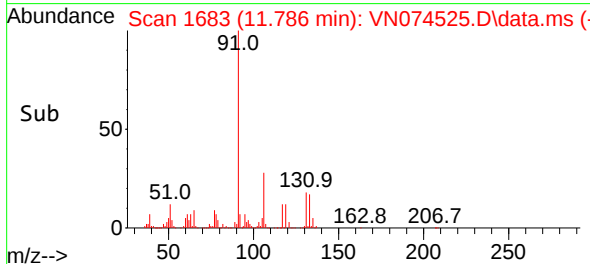
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



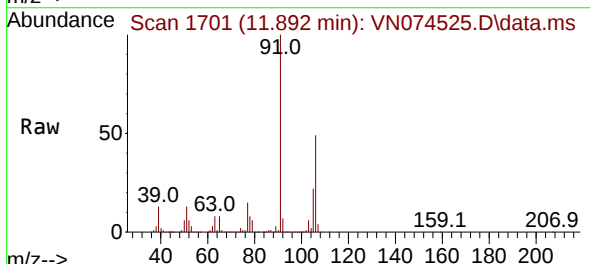
Tgt Ion: 91 Resp: 1053372
Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3

Manual Integrations
APPROVED

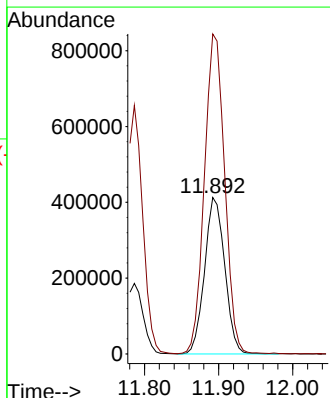
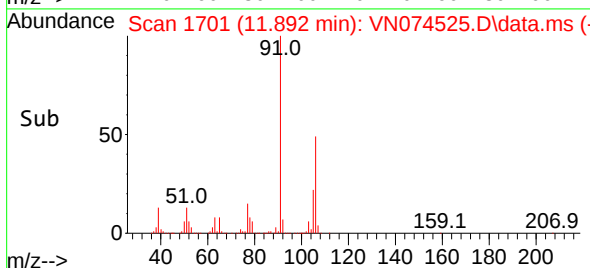
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

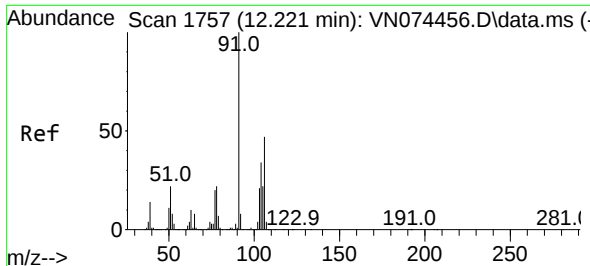


#68
m/p-Xylenes
Concen: 108.947 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



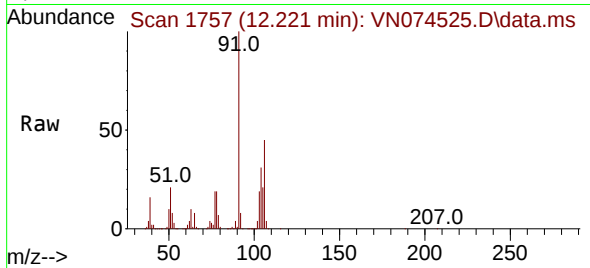
Tgt Ion:106 Resp: 782246
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3





#69
o-Xylene
Concen: 54.473 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

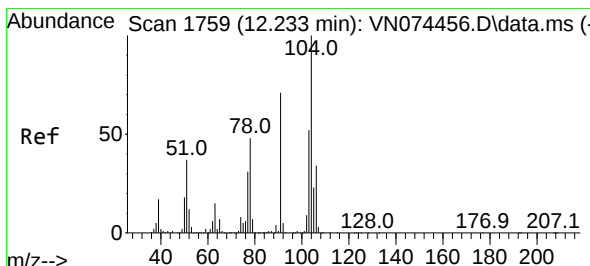
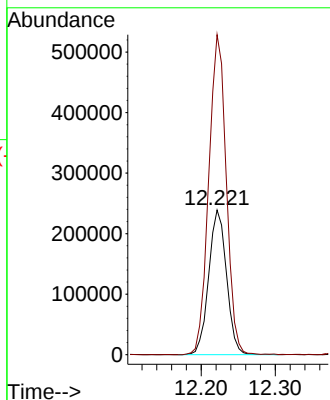
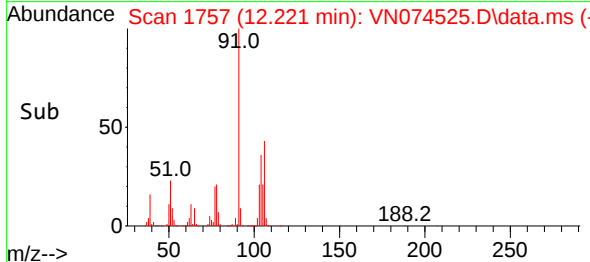
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



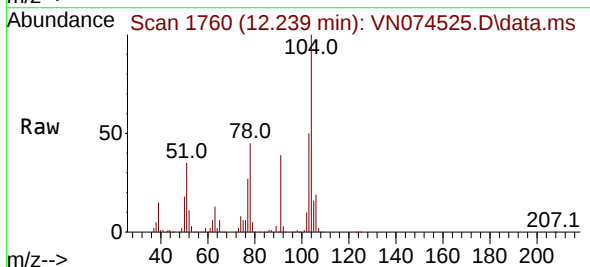
Tgt Ion:106 Resp: 398779
Ion Ratio Lower Upper
106 100
91 217.8 106.0 318.0

Manual Integrations
APPROVED

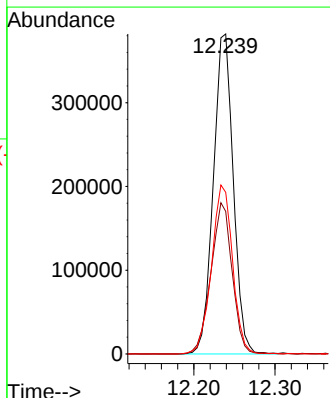
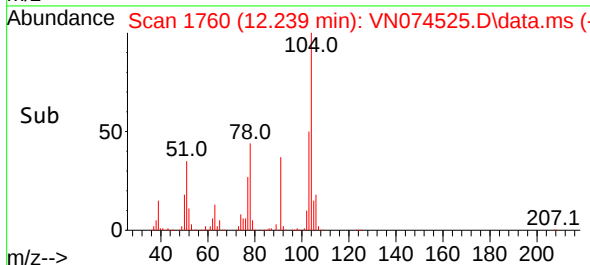
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

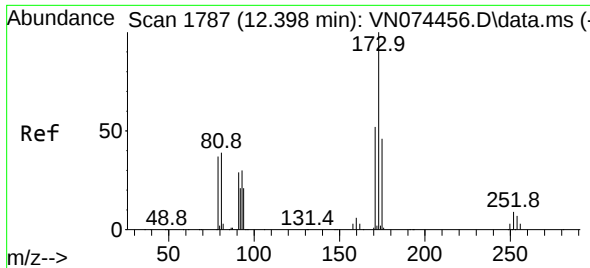


#70
Styrene
Concen: 53.636 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



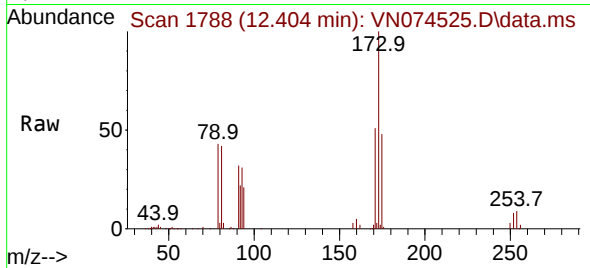
Tgt Ion:104 Resp: 653153
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.7 44.0 66.0





#71
Bromoform
Concen: 55.341 ug/l
RT: 12.404 min Scan# 1788
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

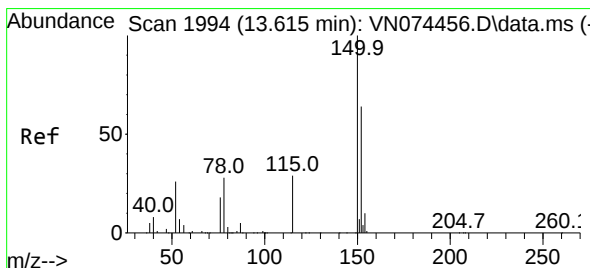
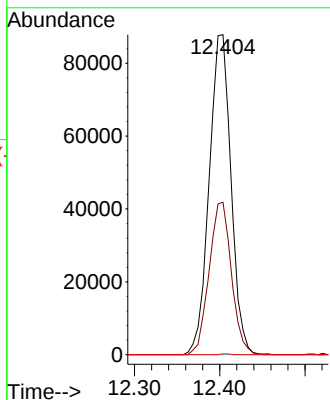
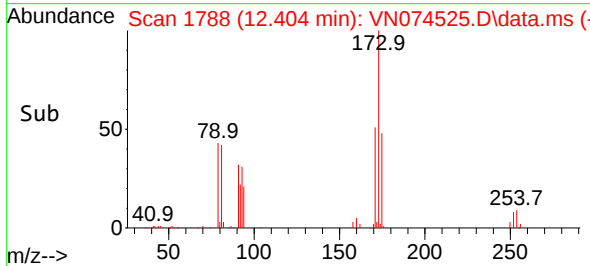
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



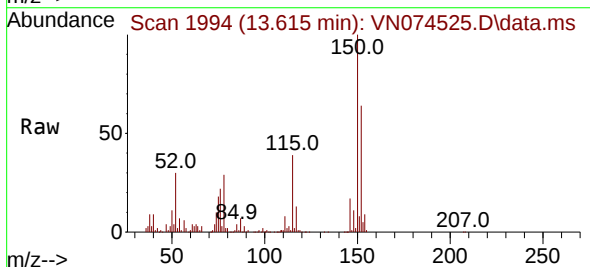
Tgt Ion:173 Resp: 15631
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

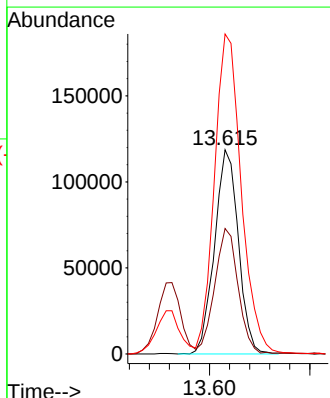
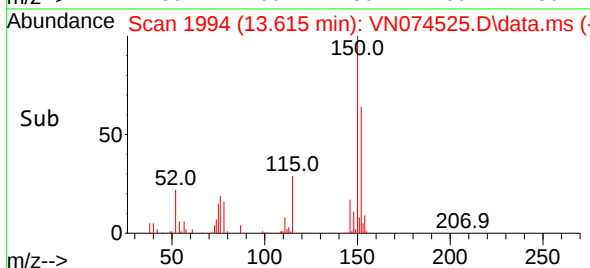
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

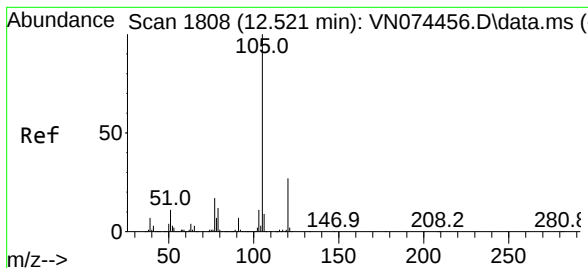


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



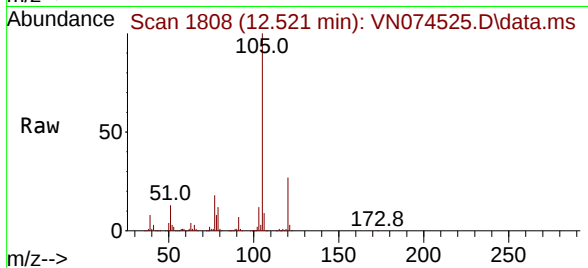
Tgt Ion:152 Resp: 196038
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 176.4 0.0 356.2





#73
Isopropylbenzene
Concen: 50.827 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

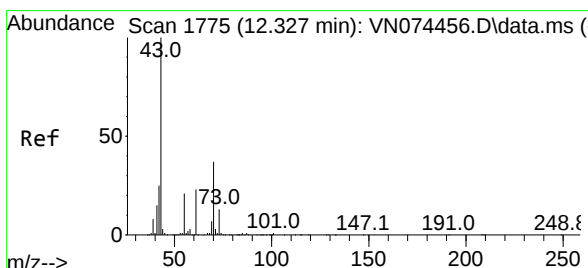
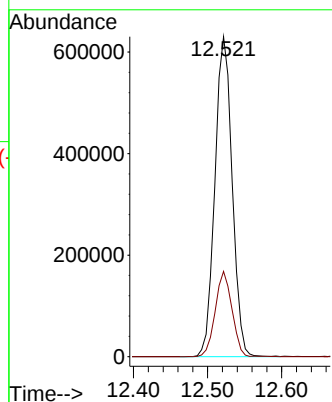
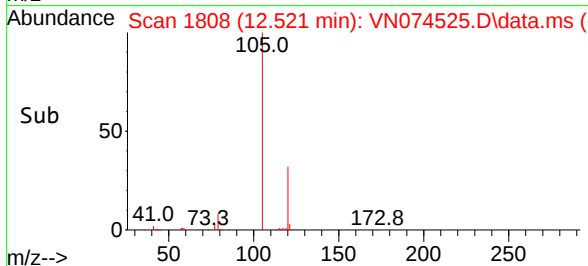
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



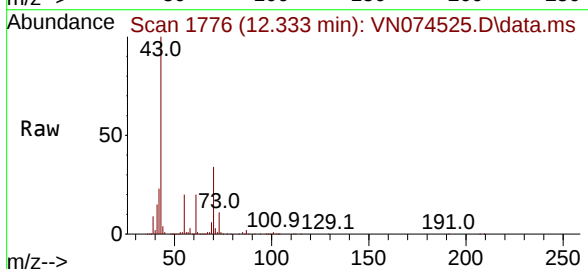
Tgt Ion:105 Resp: 1020239
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

Manual Integrations
APPROVED

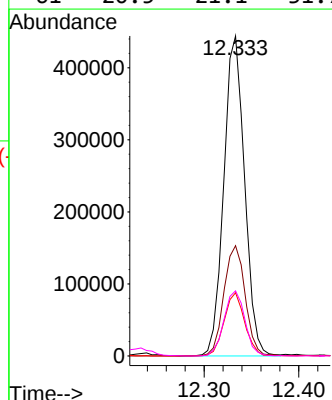
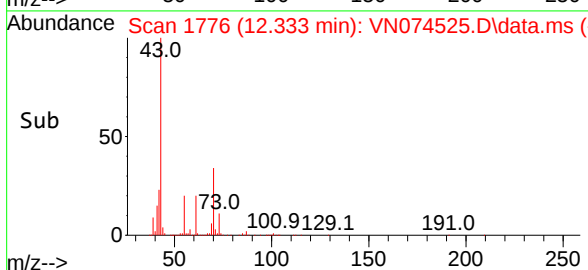
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

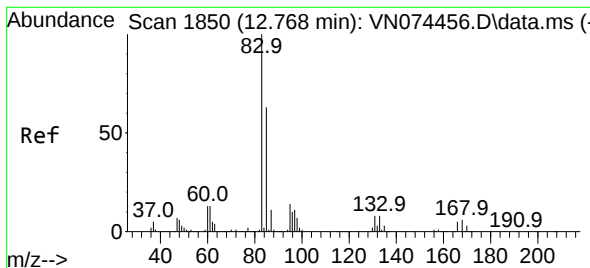


#74
N-ethyl acetate
Concen: 54.019 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



Tgt Ion: 43 Resp: 677952
Ion Ratio Lower Upper
43 100
70 35.4 39.0 58.4#
55 19.7 21.1 31.7#
61 20.5 21.1 31.7#





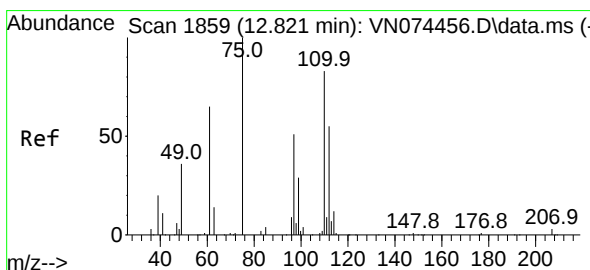
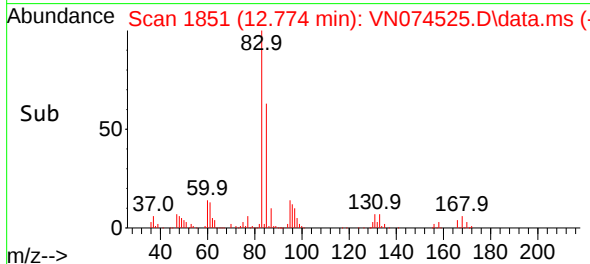
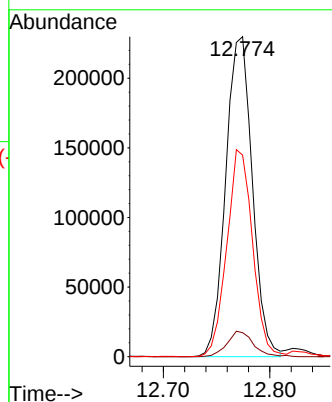
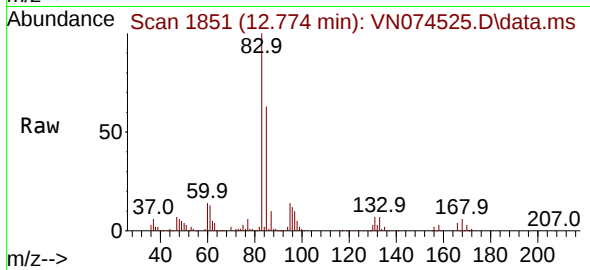
#75
1,1,2,2-Tetrachloroethane
Concen: 49.622 ug/l
RT: 12.774 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 39915
Ion Ratio Lower Upper
83 100
131 7.9 5.3 15.9
85 62.7 32.3 96.9

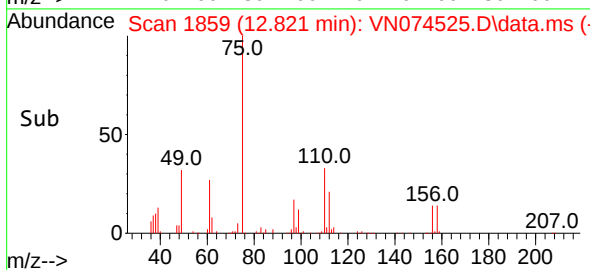
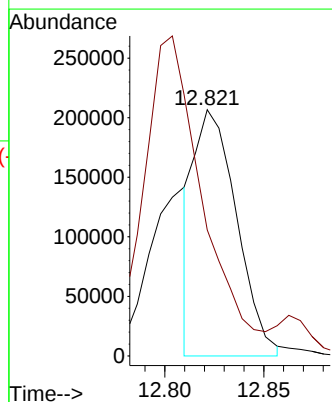
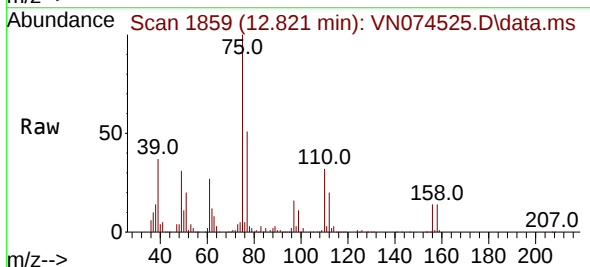
Manual Integrations
APPROVED

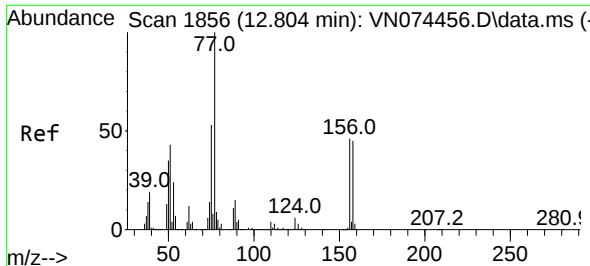
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,2,3-Trichloropropane
Concen: 51.234 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

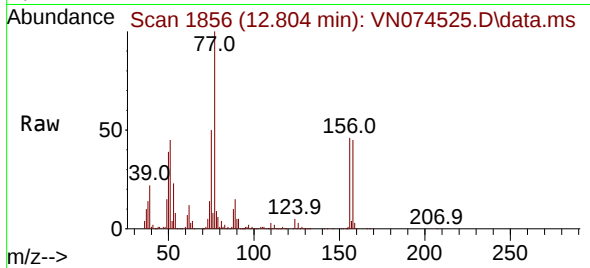
Tgt Ion: 75 Resp: 309154
Ion Ratio Lower Upper
75 100
77 179.5 98.5 295.5





#77
Bromobenzene
Concen: 48.051 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

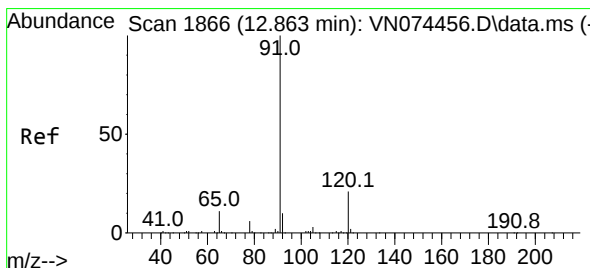
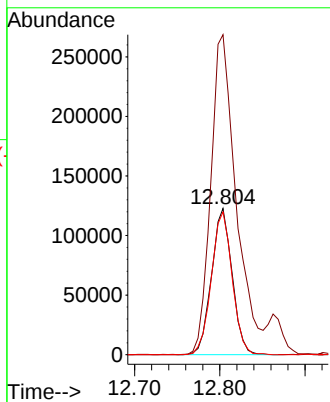
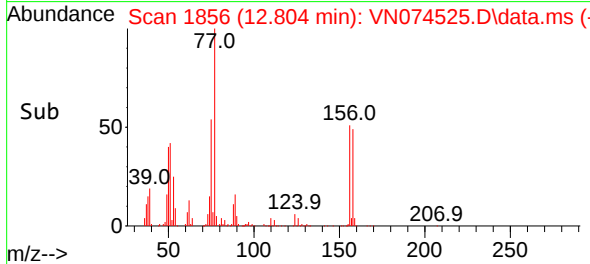
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



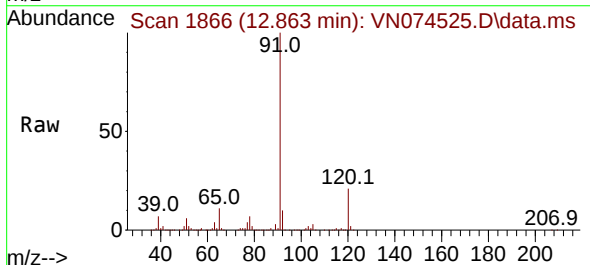
Tgt Ion: 156 Resp: 206037
Ion Ratio Lower Upper
156 100
77 269.3 100.5 301.5
158 98.4 48.9 146.6

Manual Integrations
APPROVED

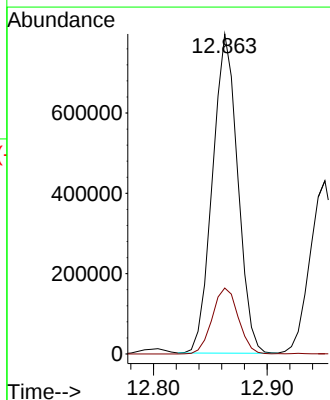
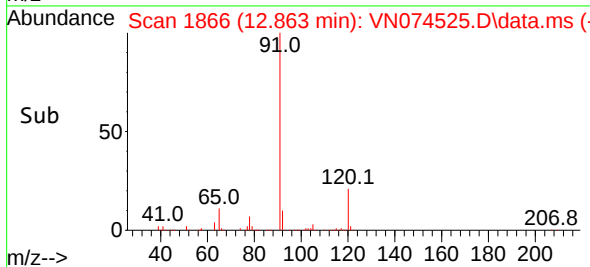
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

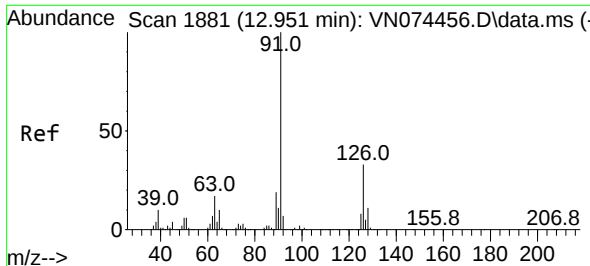


#78
n-propylbenzene
Concen: 51.318 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41



Tgt Ion: 91 Resp: 1226857
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





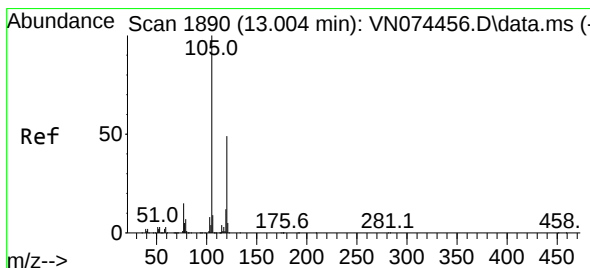
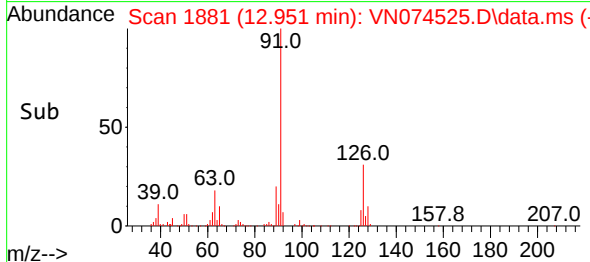
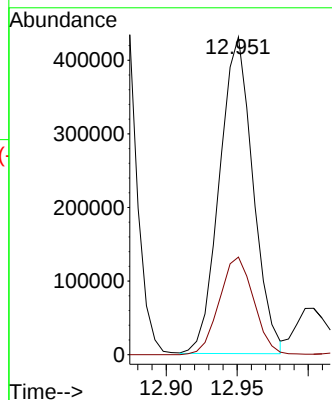
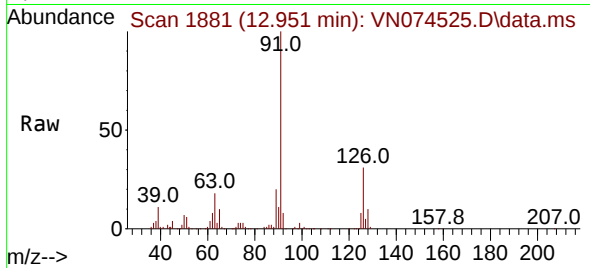
#79
2-Chlorotoluene
Concen: 49.540 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 707010
Ion Ratio Lower Upper
91 100
126 31.7 17.3 51.9

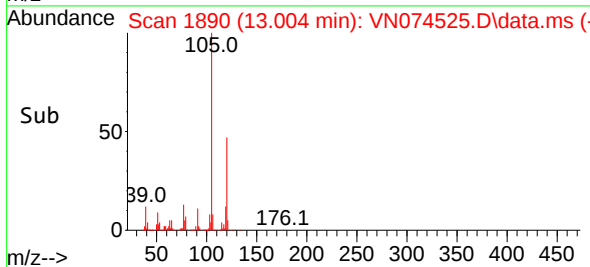
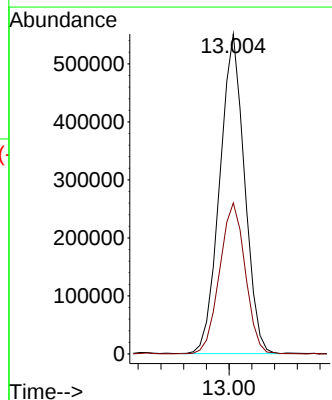
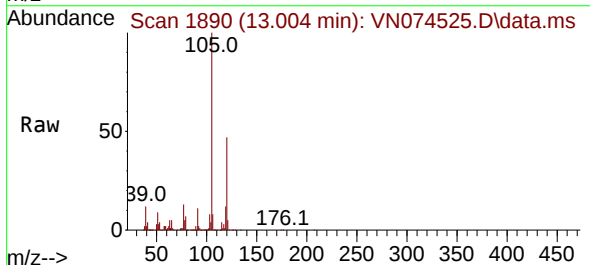
Manual Integrations
APPROVED

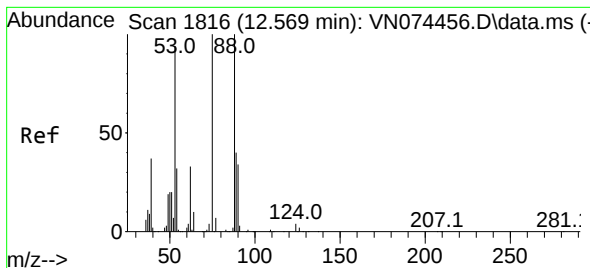
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.983 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

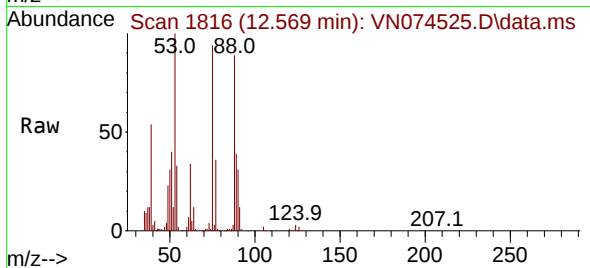
Tgt Ion:105 Resp: 834227
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.427 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.001 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

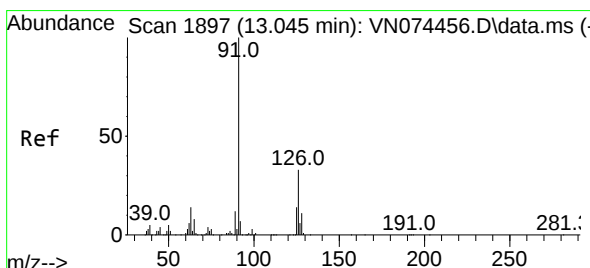
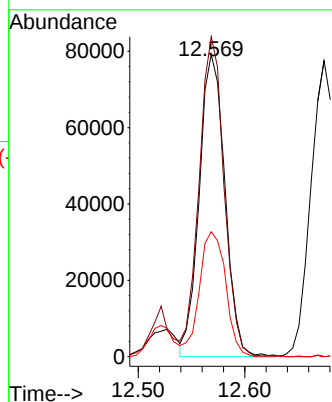
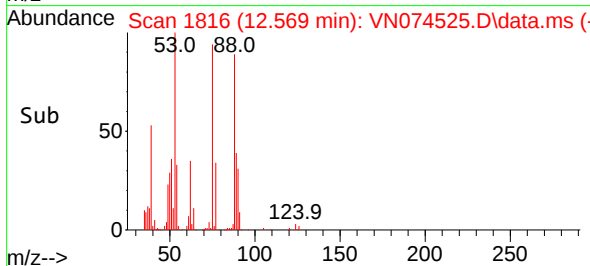
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 132590
Ion Ratio Lower Upper
75 100
53 103.0 78.0 117.0
89 42.4 37.2 55.8

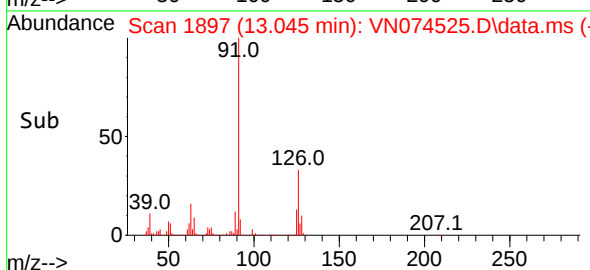
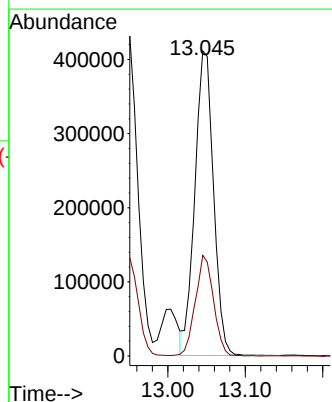
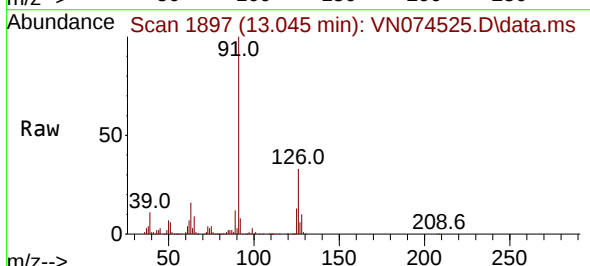
Manual Integrations
APPROVED

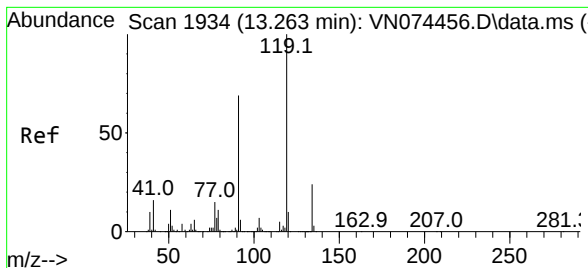
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 50.747 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

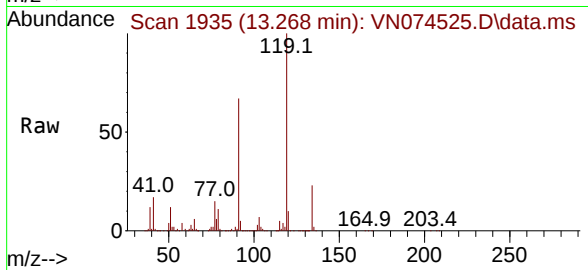
Tgt Ion: 91 Resp: 688399
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.371 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

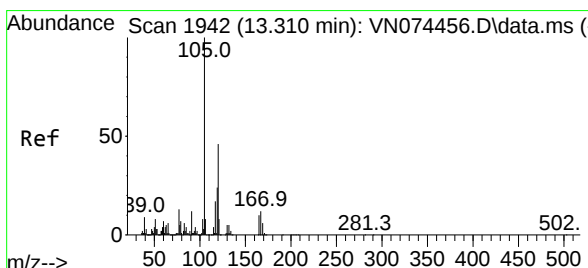
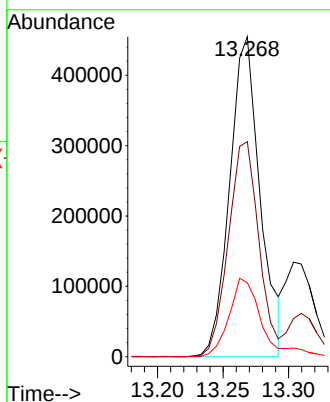
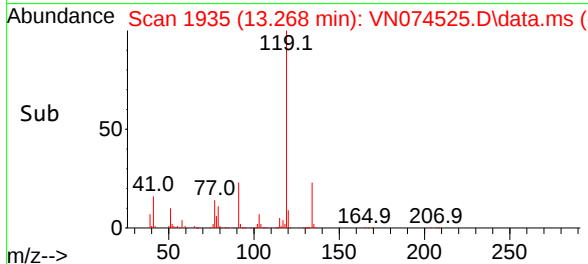
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 735220
Ion Ratio Lower Upper
119 100
91 67.4 31.6 94.8
134 26.3 13.7 41.1

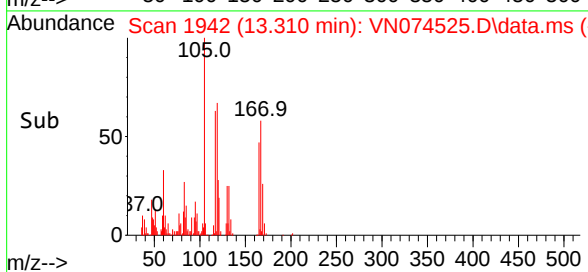
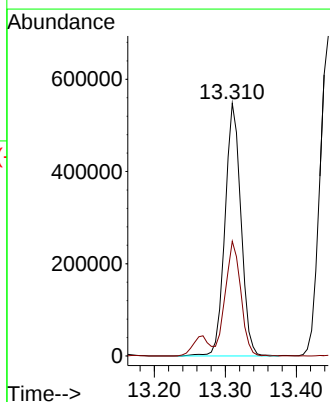
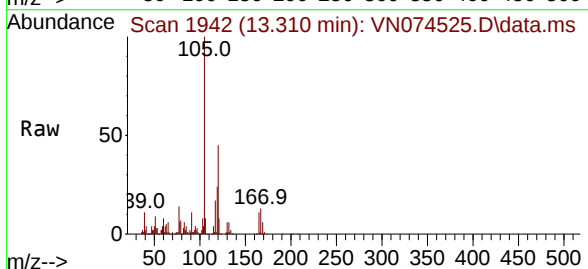
Manual Integrations
APPROVED

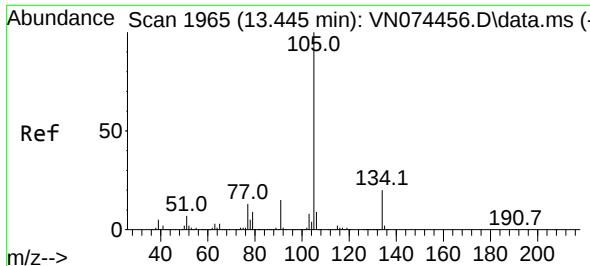
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.775 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

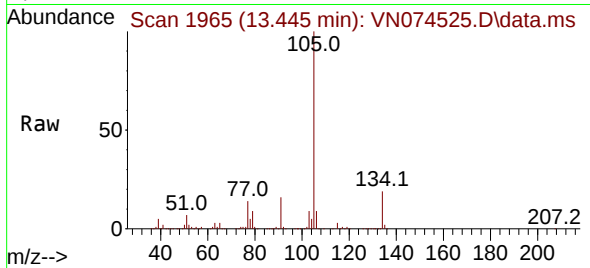
Tgt Ion:105 Resp: 852573
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.297 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41

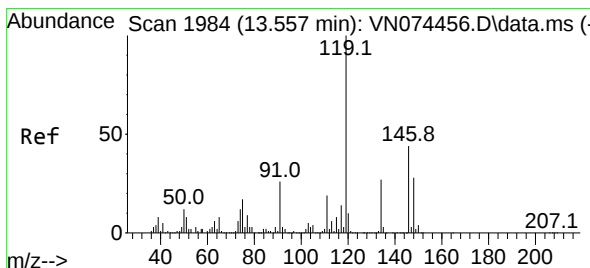
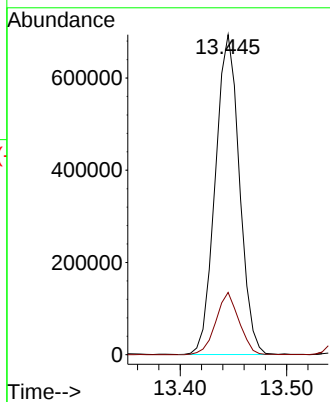
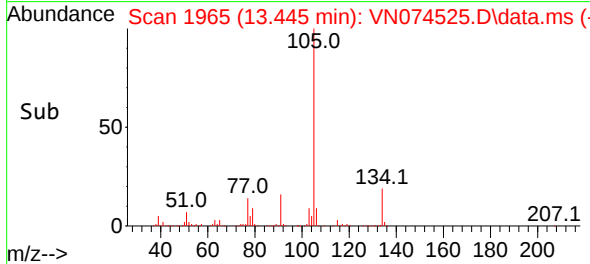
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



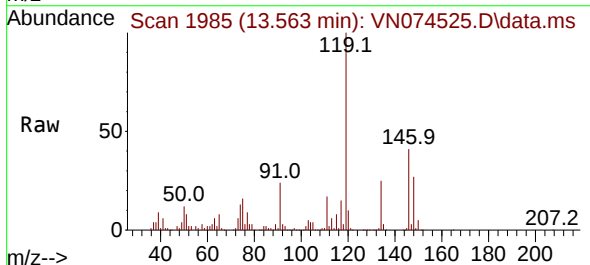
Tgt Ion:105 Resp: 1089794
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.1

Manual Integrations
 APPROVED

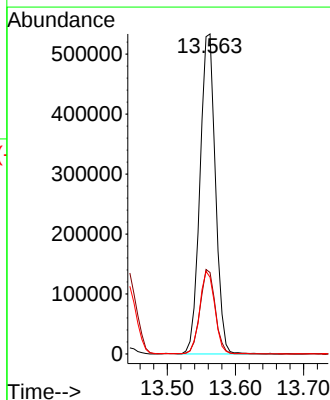
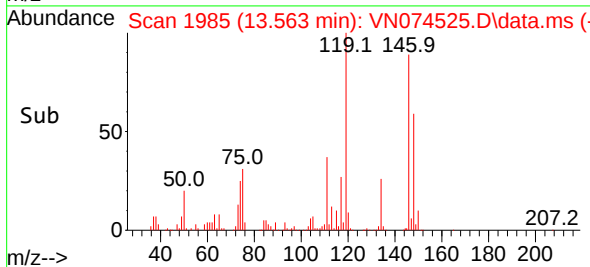
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

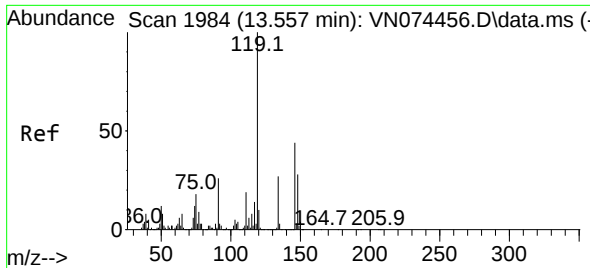


#86
 p-Isopropyltoluene
 Concen: 52.825 ug/l
 RT: 13.563 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41



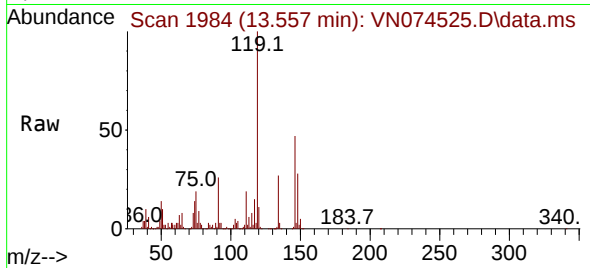
Tgt Ion:119 Resp: 842074
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 24.9 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 50.768 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41

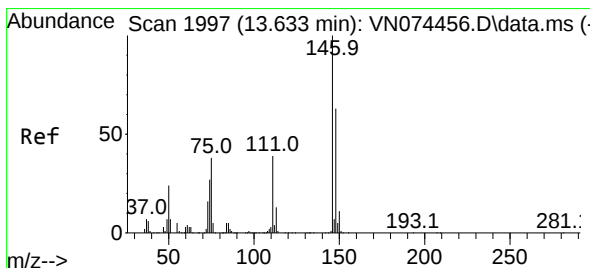
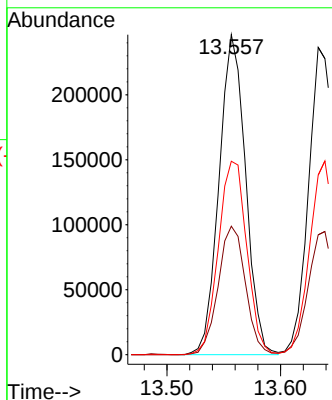
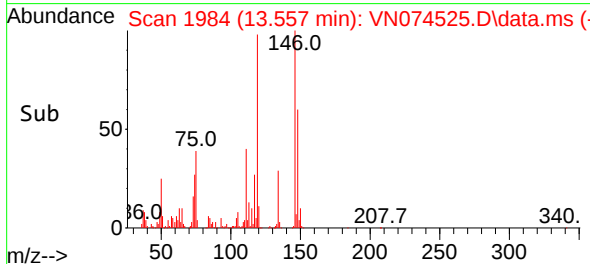
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



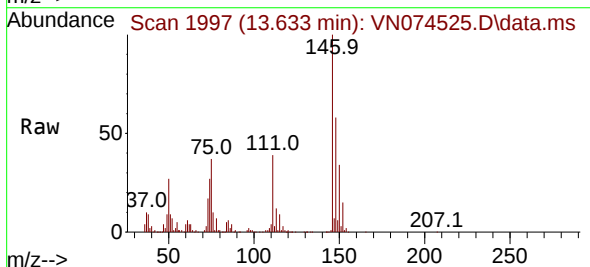
Tgt Ion:146 Resp: 400020
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 64.7 32.0 96.0

Manual Integrations
 APPROVED

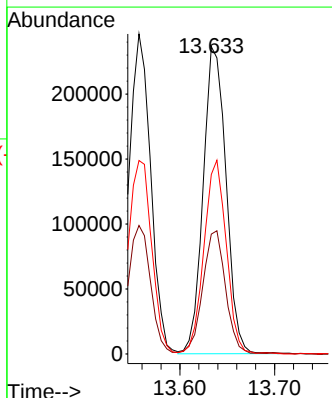
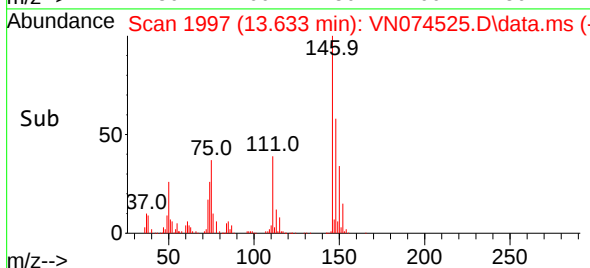
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

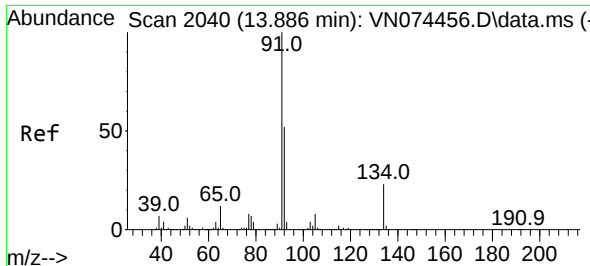


#88
 1,4-Dichlorobenzene
 Concen: 50.071 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.000 min
 Lab File: VN074525.D
 Acq: 16 Sep 2022 21:41



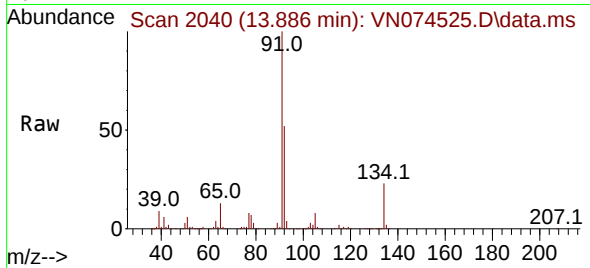
Tgt Ion:146 Resp: 396522
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 61.7 31.4 94.3





#89
n-Butylbenzene
Concen: 52.511 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

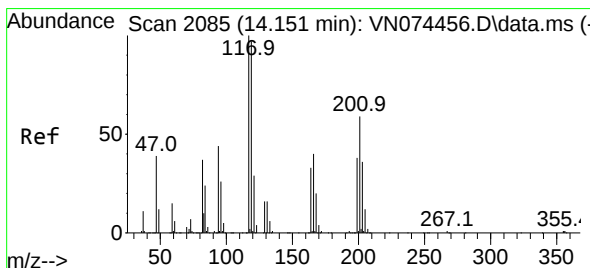
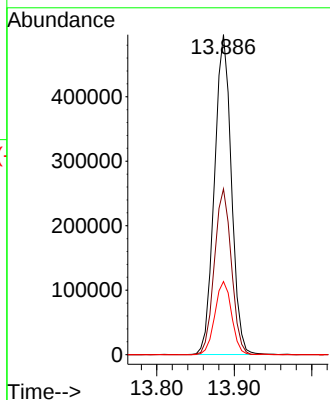
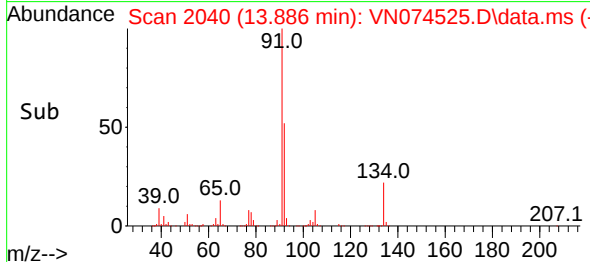
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 75448
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 22.6 13.6 40.8

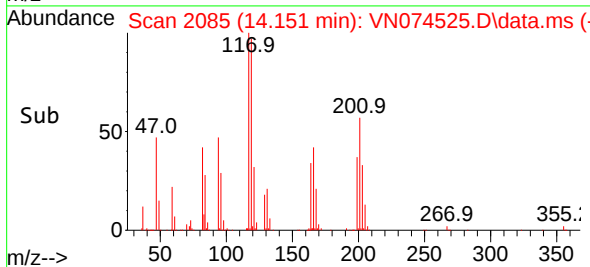
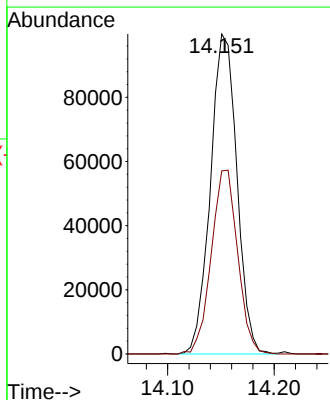
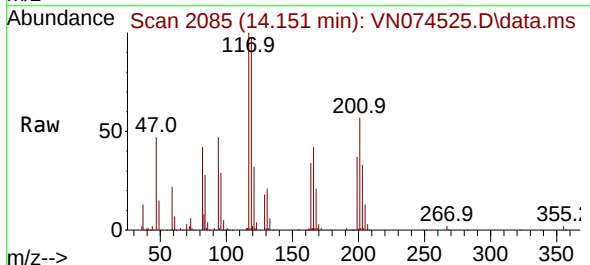
Manual Integrations
APPROVED

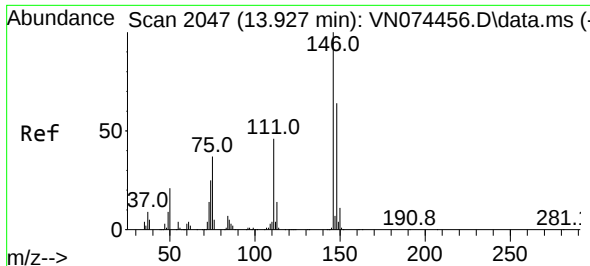
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachloroethane
Concen: 49.623 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

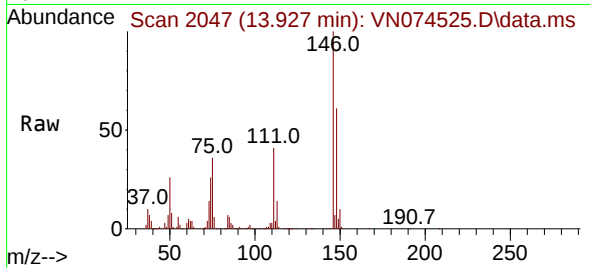
Tgt Ion:117 Resp: 172113
Ion Ratio Lower Upper
117 100
201 57.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.484 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

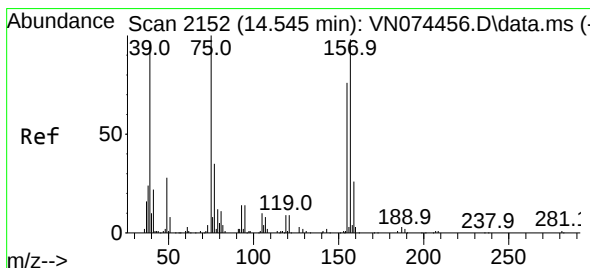
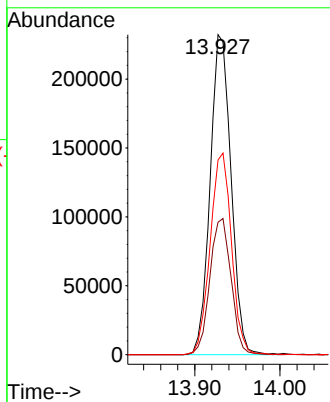
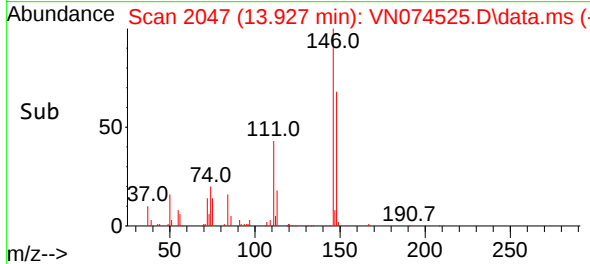
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 396332
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 64.4 32.1 96.3

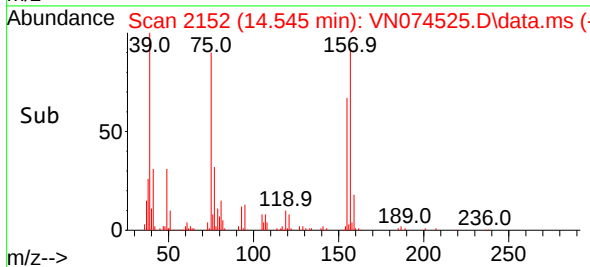
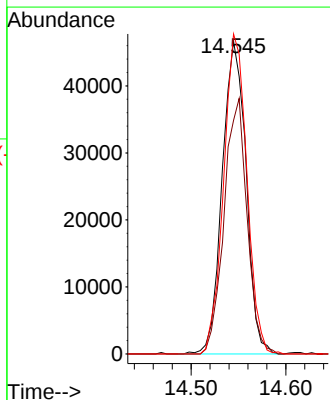
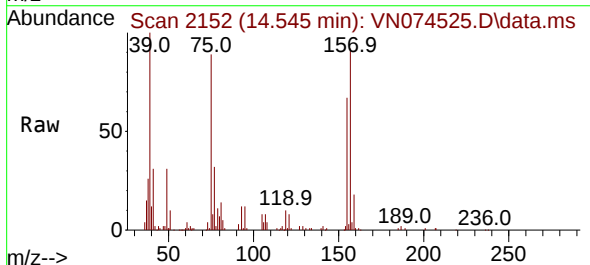
Manual Integrations
APPROVED

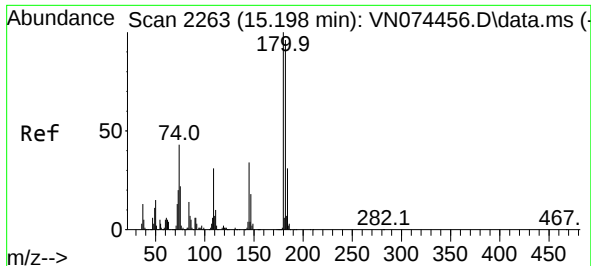
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.809 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

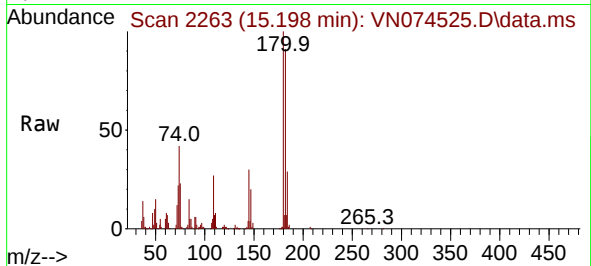
Tgt Ion: 75 Resp: 81368
Ion Ratio Lower Upper
75 100
155 79.1 44.9 134.5
157 100.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 50.126 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

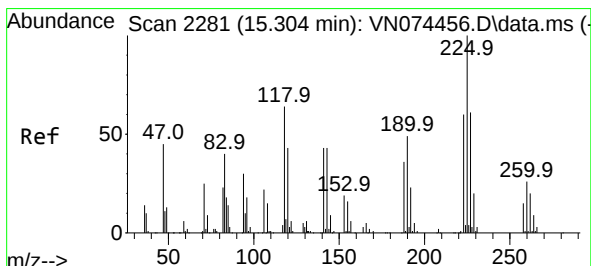
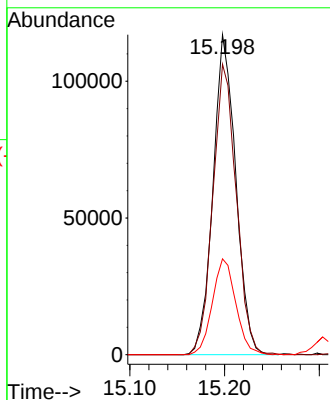
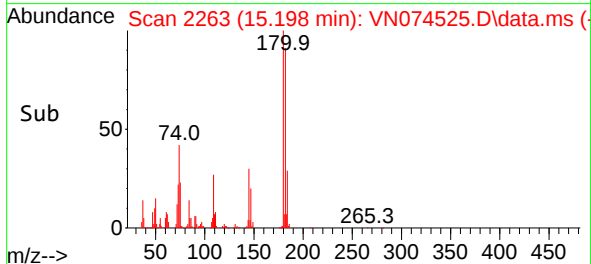
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 19521
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 30.9 14.5 43.5

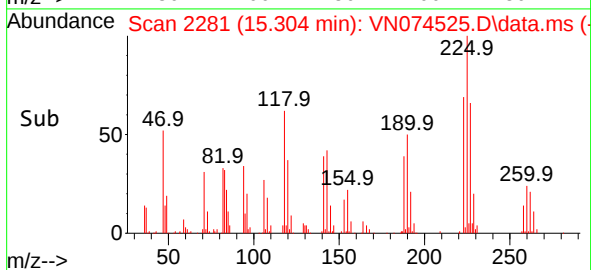
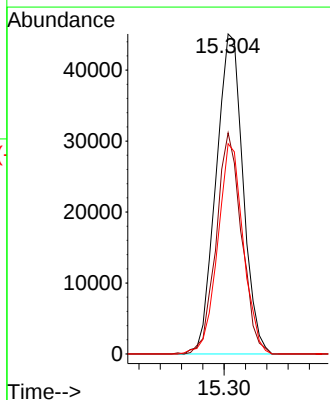
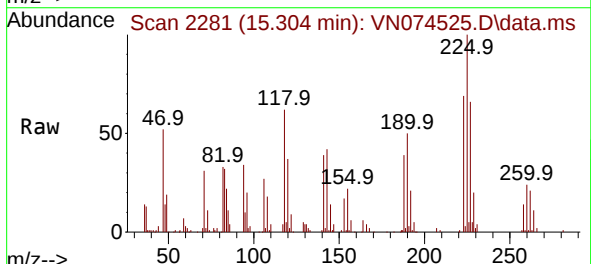
Manual Integrations
APPROVED

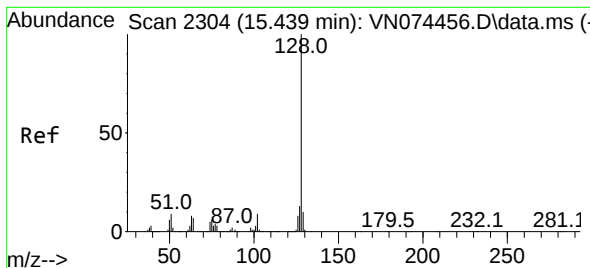
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#94
Hexachlorobutadiene
Concen: 46.308 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

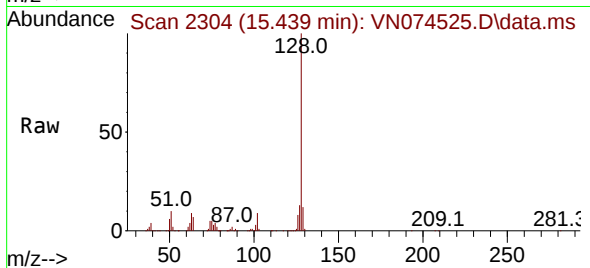
Tgt Ion:225 Resp: 79259
Ion Ratio Lower Upper
225 100
223 65.1 32.4 97.2
227 62.3 31.8 95.4





#95
Naphthalene
Concen: 48.864 ug/l
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

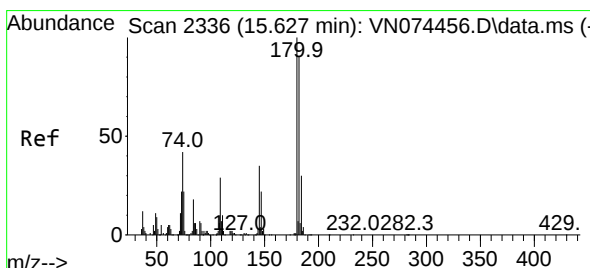
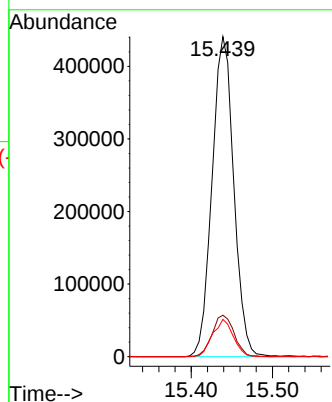
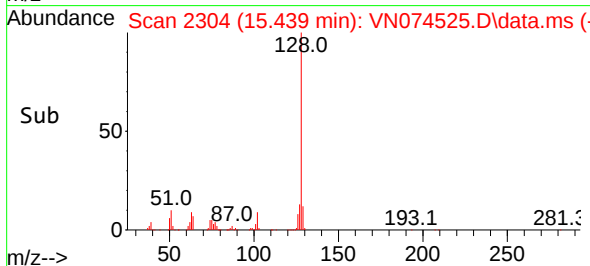
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 81931
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 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: 48.228 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074525.D
Acq: 16 Sep 2022 21:41

Tgt Ion:180 Resp: 194435
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 33.4 15.5 46.5

