

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076216.D
 Acq On : 11 Jan 2023 18:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 12 04:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	378517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	535609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189907	46.117	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.240%		
35) Dibromofluoromethane	8.171	113	176529	47.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	10.571	98	639965	46.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.400%		
62) 4-Bromofluorobenzene	12.853	95	227217	49.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	163777	60.938	ug/l	99
3) Chloromethane	2.377	50	157149	47.023	ug/l	99
4) Vinyl Chloride	2.530	62	194437	48.774	ug/l	98
5) Bromomethane	2.948	94	155872	46.007	ug/l	99
6) Chloroethane	3.124	64	138727	46.992	ug/l	99
7) Trichlorofluoromethane	3.506	101	284718	47.068	ug/l	99
8) Diethyl Ether	3.971	74	104880	47.470	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	170511	49.364	ug/l	97
10) Methyl Iodide	4.606	142	257577	45.949	ug/l	99
11) Tert butyl alcohol	5.536	59	123102	211.269	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	154205	45.966	ug/l	97
13) Acrolein	4.189	56	166547	233.146	ug/l	98
14) Allyl chloride	5.036	41	182217	46.464	ug/l	92
15) Acrylonitrile	5.730	53	366394	230.422	ug/l	99
16) Acetone	4.442	43	280613	197.681	ug/l	100
17) Carbon Disulfide	4.724	76	334491	41.181	ug/l	99
18) Methyl Acetate	5.036	43	204613	48.764	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	558844	50.586	ug/l	97
20) Methylene Chloride	5.283	84	177692	46.752	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	166483	45.314	ug/l	97
22) Diisopropyl ether	6.683	45	461506	48.443	ug/l	99
23) Vinyl Acetate	6.612	43	1488277	232.100	ug/l	99
24) 1,1-Dichloroethane	6.577	63	294526	46.356	ug/l	98
25) 2-Butanone	7.488	43	453269	228.049	ug/l	94
26) 2,2-Dichloropropane	7.500	77	252375	46.905	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	199971	45.510	ug/l	95
28) Bromochloromethane	7.824	49	108311	38.894	ug/l	100
29) Tetrahydrofuran	7.841	42	296647	238.161	ug/l	99
30) Chloroform	7.971	83	322185	45.039	ug/l	95
31) Cyclohexane	8.265	56	260673	44.200	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	296404	46.737	ug/l	99
36) 1,1-Dichloropropene	8.377	75	233047	47.352	ug/l	98
37) Ethyl Acetate	7.565	43	188735	47.742	ug/l	98
38) Carbon Tetrachloride	8.371	117	259958	47.193	ug/l	99
39) Methylcyclohexane	9.606	83	295172	49.713	ug/l	98
40) Benzene	8.612	78	703789	46.348	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	102852	50.053	ug/l	98
42) 1,2-Dichloroethane	8.677	62	236663	46.880	ug/l	100
43) Isopropyl Acetate	8.694	43	321883	49.360	ug/l	99
44) Trichloroethene	9.353	130	194419	45.448	ug/l	99
45) 1,2-Dichloropropane	9.624	63	170241	46.072	ug/l	98
46) Dibromomethane	9.712	93	128002	46.704	ug/l	99
47) Bromodichloromethane	9.894	83	251394	46.774	ug/l	99
48) Methyl methacrylate	9.682	41	149934	51.049	ug/l	99
49) 1,4-Dioxane	9.694	88	64153	888.472	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	967625	245.359	ug/l	99
52) Toluene	10.635	92	470679	47.594	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	256875	48.825	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	286299	49.563	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	185565	47.806	ug/l	99
56) Ethyl methacrylate	10.876	69	264778	51.354	ug/l	98
57) 1,3-Dichloropropane	11.165	76	299373	47.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	377035	229.683	ug/l	99
59) 2-Hexanone	11.200	43	694027	241.314	ug/l	100
60) Dibromochloromethane	11.359	129	206080	47.739	ug/l	99
61) 1,2-Dibromoethane	11.471	107	186935	47.589	ug/l	99
64) Tetrachloroethene	11.106	164	190814	50.628	ug/l	97
65) Chlorobenzene	11.894	112	508285	46.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	194706	47.817	ug/l	100
67) Ethyl Benzene	11.965	91	911532	49.129	ug/l	99
68) m/p-Xylenes	12.070	106	732508	99.748	ug/l	99
69) o-Xylene	12.400	106	362535	49.886	ug/l	99
70) Styrene	12.412	104	598580	51.803	ug/l	99
71) Bromoform	12.582	173	147523	49.790	ug/l #	100
73) Isopropylbenzene	12.700	105	952140	49.693	ug/l	100
74) N-amyl acetate	12.494	43	282344	50.230	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	258823	43.696	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	229651m	42.968	ug/l	
77) Bromobenzene	12.982	156	227127	46.839	ug/l	97
78) n-propylbenzene	13.035	91	1072143	50.733	ug/l	99
79) 2-Chlorotoluene	13.123	91	630360	47.784	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	801620	49.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	74122	49.919	ug/l	89
82) 4-Chlorotoluene	13.123	91	630360	47.784	ug/l	99
83) tert-Butylbenzene	13.441	119	714407	50.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	802999	50.475	ug/l	99
85) sec-Butylbenzene	13.617	105	1003319	51.413	ug/l	99
86) p-Isopropyltoluene	13.729	119	856417	52.741	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	425468	47.500	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	416431	45.510	ug/l	100
89) n-Butylbenzene	14.059	91	683400	51.949	ug/l	99
90) Hexachloroethane	14.335	117	139492	48.023	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	419616	47.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45043	42.856	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	211894	48.511	ug/l	99
94) Hexachlorobutadiene	15.506	225	112080	47.031	ug/l	99
95) Naphthalene	15.641	128	616752	43.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	202710	49.653	ug/l	98

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

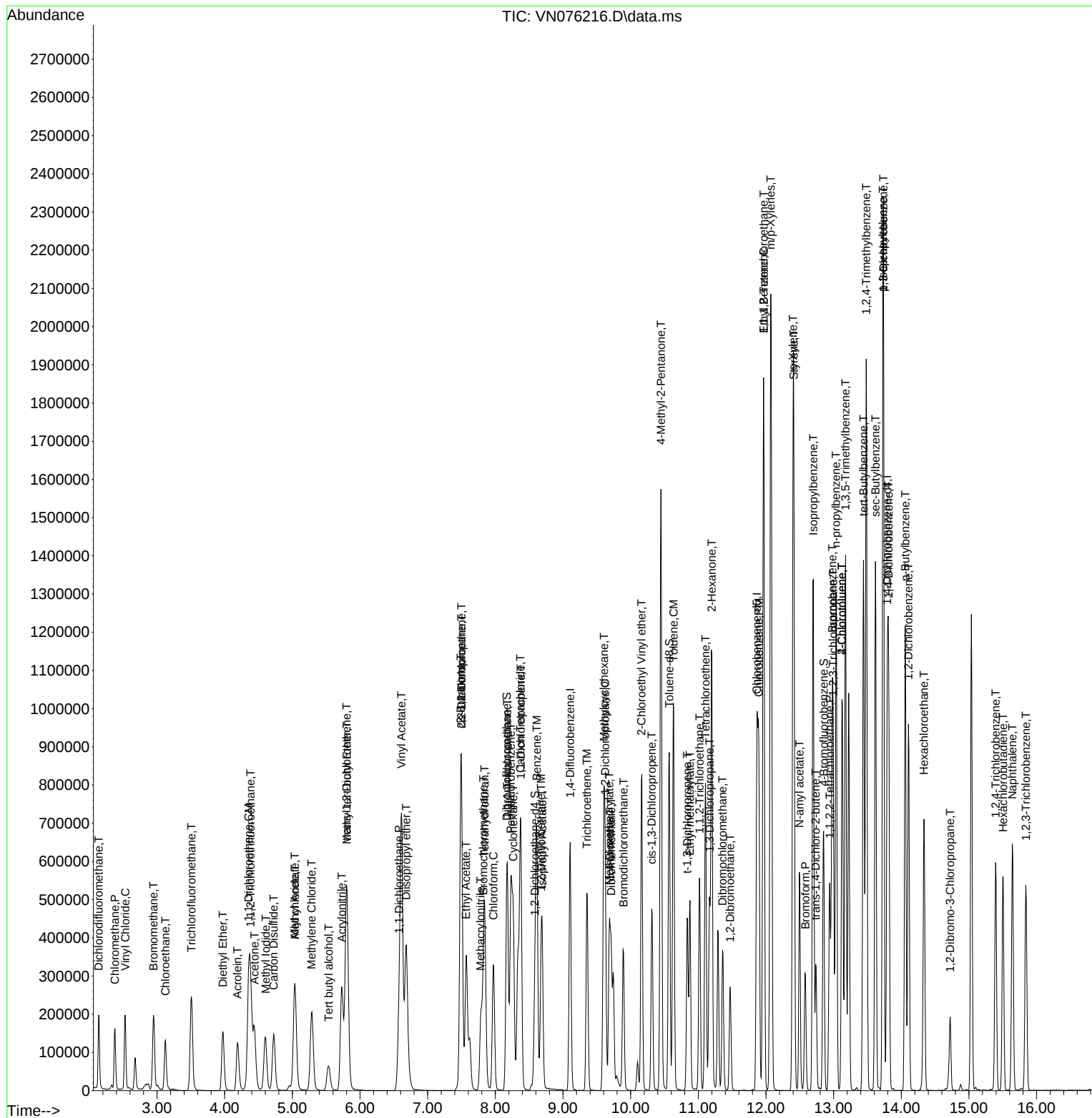
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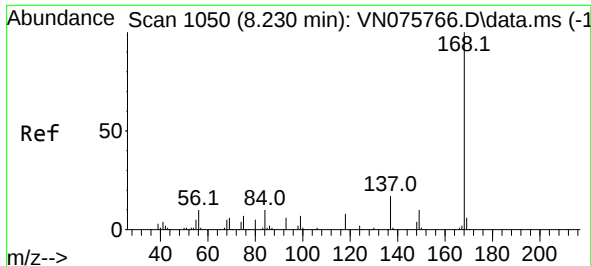
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

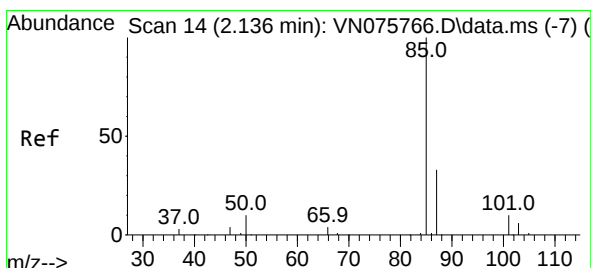
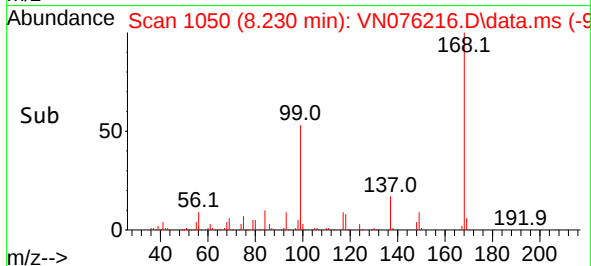
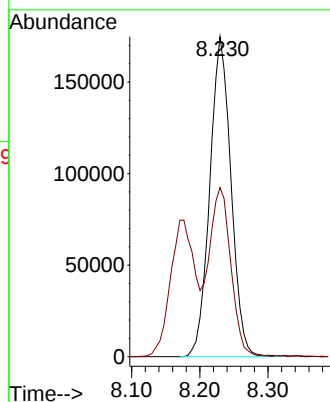
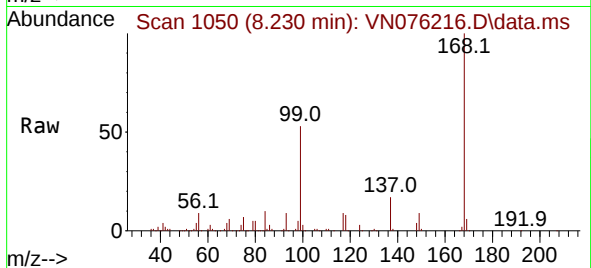
VSTDCCC050EC

Tgt Ion:168 Resp: 37851
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4

Manual Integrations

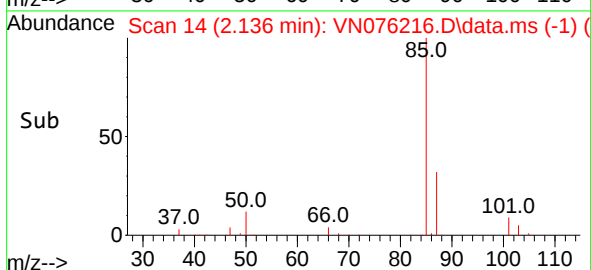
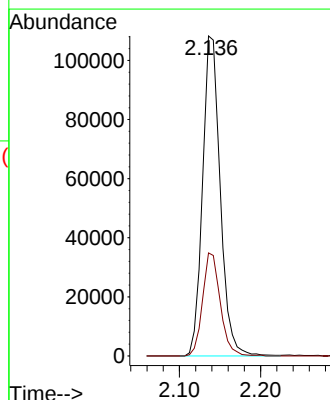
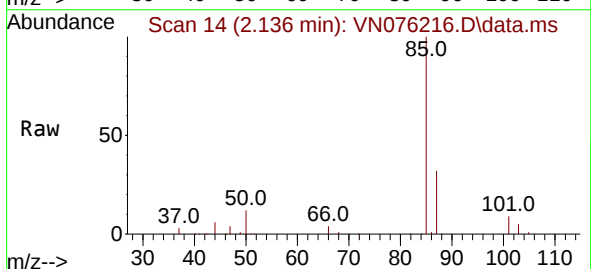
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Supervised By :Mahesh Dadoda 01/12/2023



#2
Dichlorodifluoromethane
Concen: 60.938 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 85 Resp: 163777
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





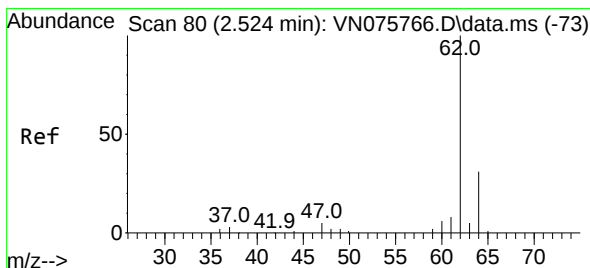
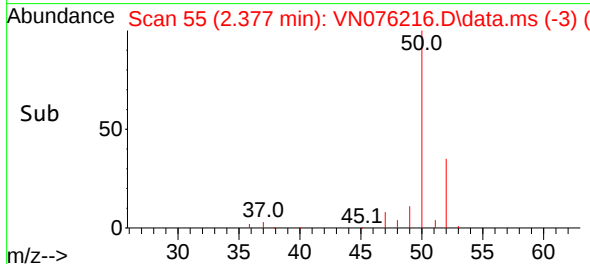
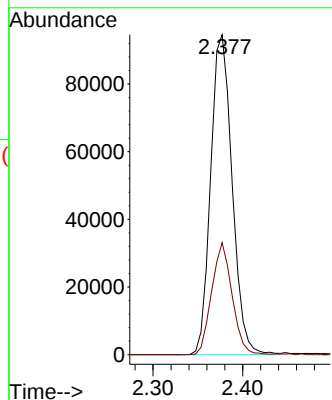
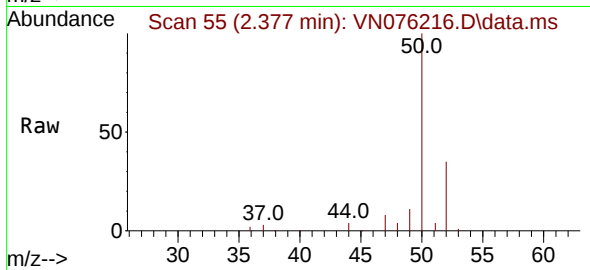
#3
Chloromethane
Concen: 47.023 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 157149
Ion Ratio Lower Upper
50 100
52 35.0 27.7 41.5

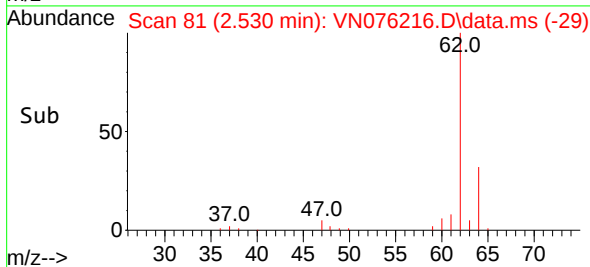
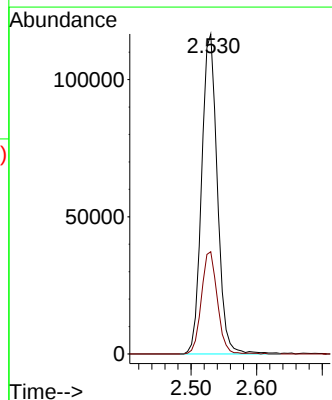
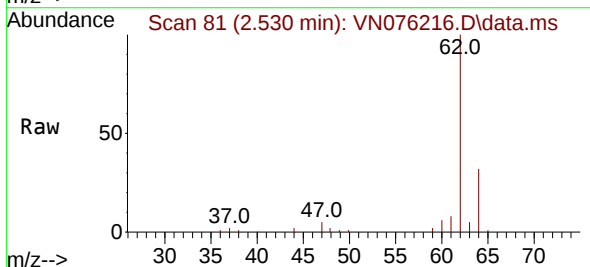
Manual Integrations
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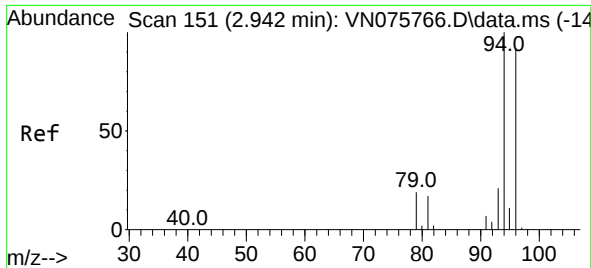
Reviewed By :John Carlone 01/12/2023
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#4
Vinyl Chloride
Concen: 48.774 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 62 Resp: 194437
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





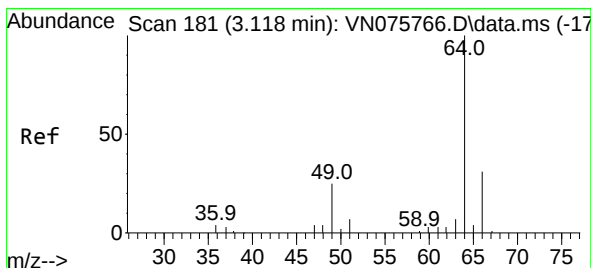
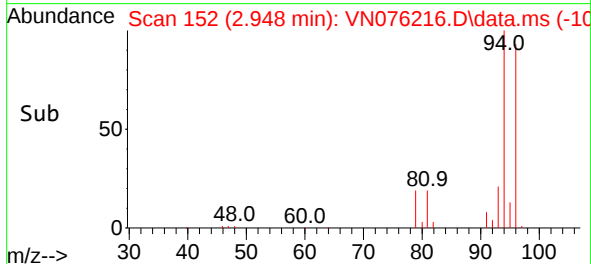
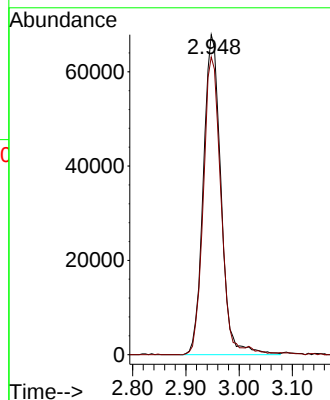
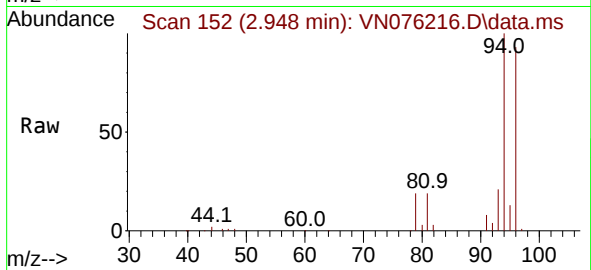
#5
Bromomethane
Concen: 46.007 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076216.D
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ClientSampleId :
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Tgt Ion: 94 Resp: 155872
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.6

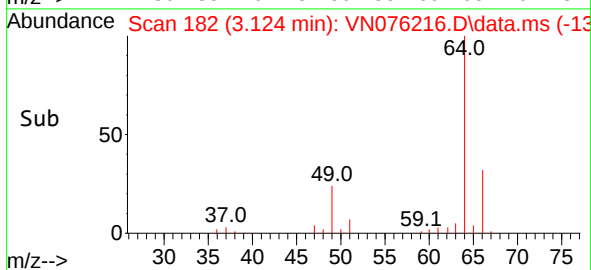
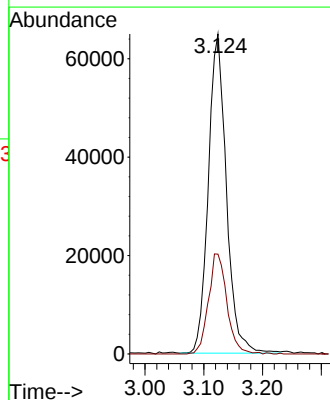
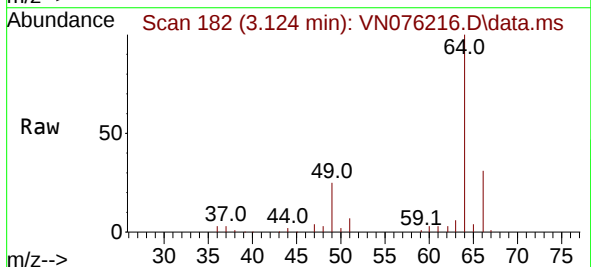
Manual Integrations
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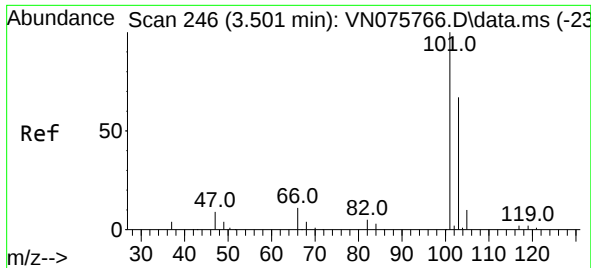
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#6
Chloroethane
Concen: 46.992 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

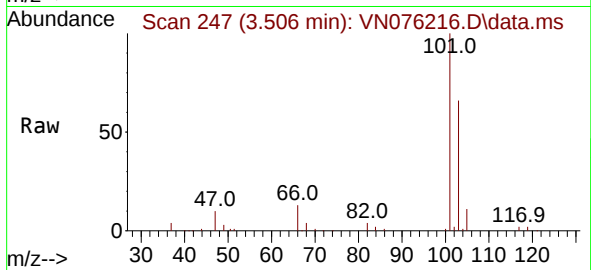
Tgt Ion: 64 Resp: 138727
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 47.068 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

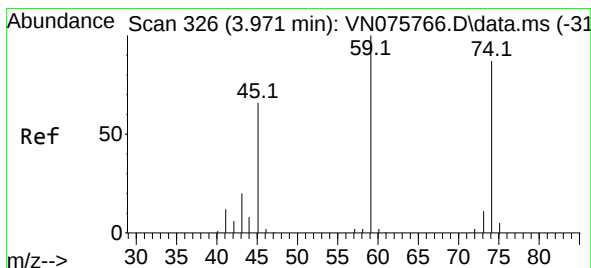
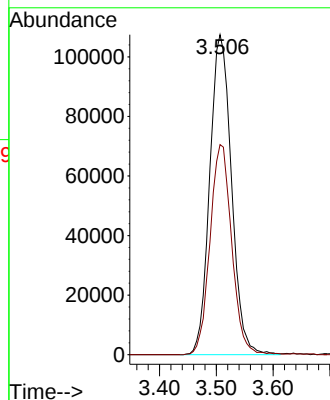
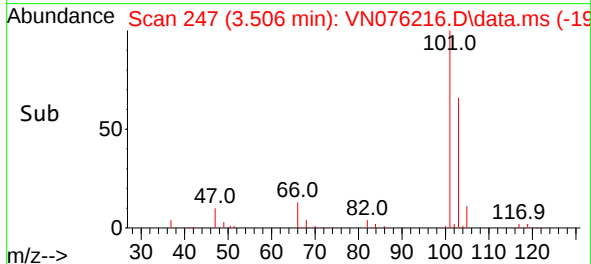
Instrument :
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Tgt Ion:101 Resp: 284718
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.4 80.2

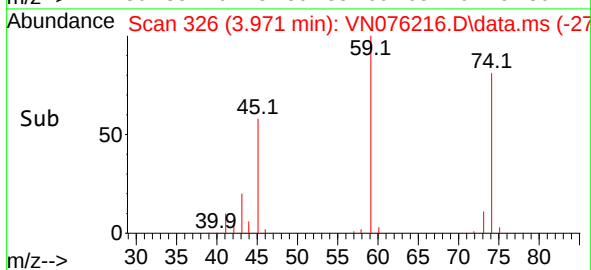
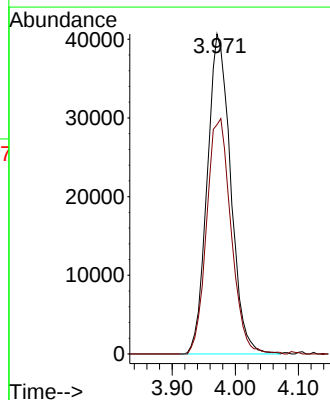
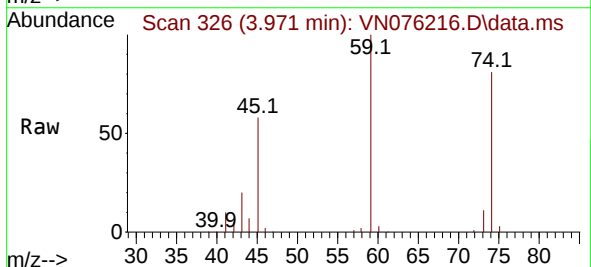
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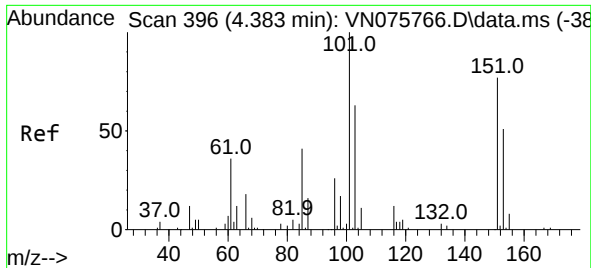
Reviewed By :John Carlone 01/12/2023
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#8
 Diethyl Ether
 Concen: 47.470 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Tgt Ion: 74 Resp: 104880
 Ion Ratio Lower Upper
 74 100
 45 76.7 37.8 113.4





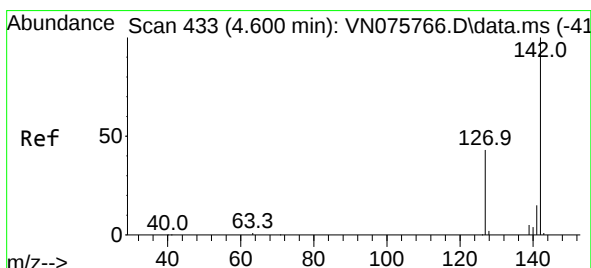
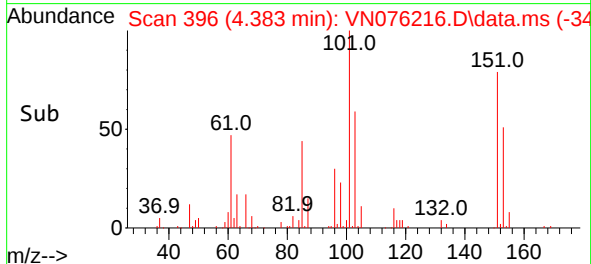
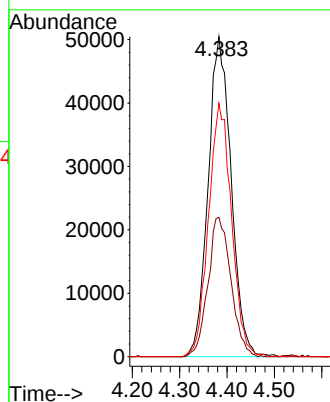
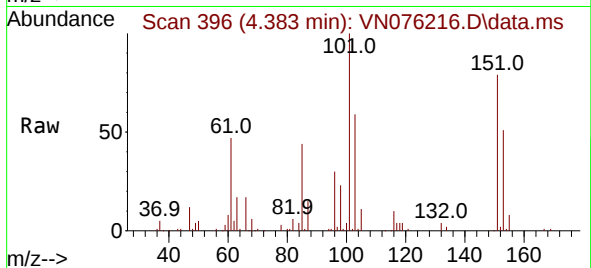
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.364 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 17051
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 78.8 65.6 98.4

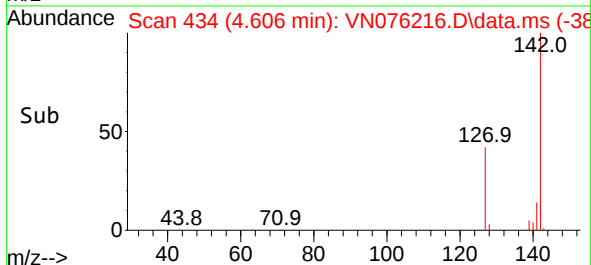
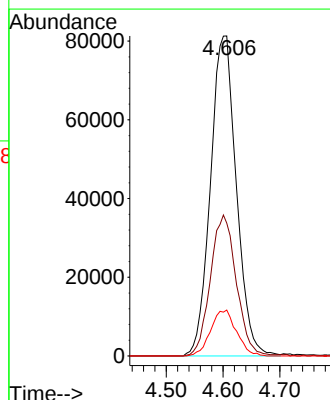
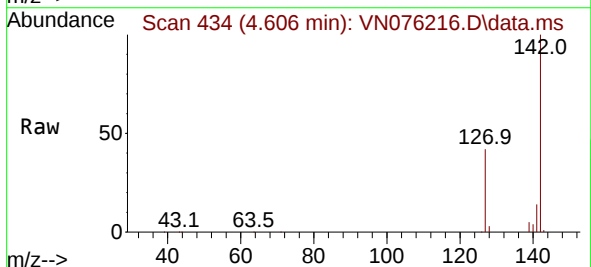
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#10
Methyl Iodide
Concen: 45.949 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

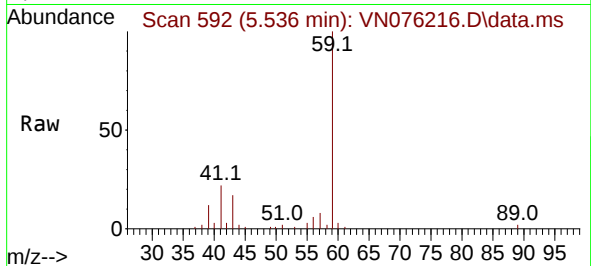
Tgt Ion:142 Resp: 257577
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 211.269 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

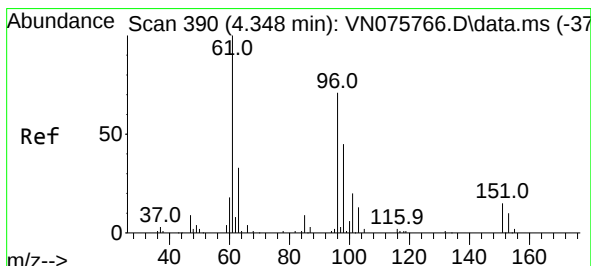
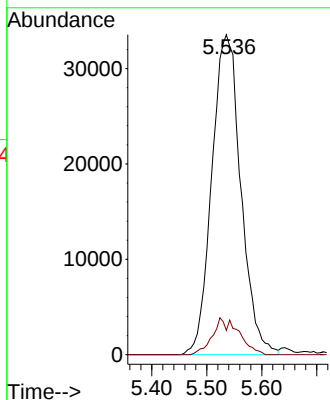
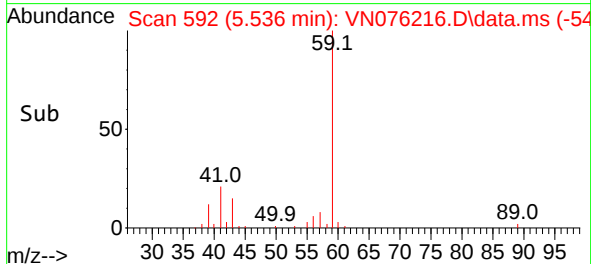
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



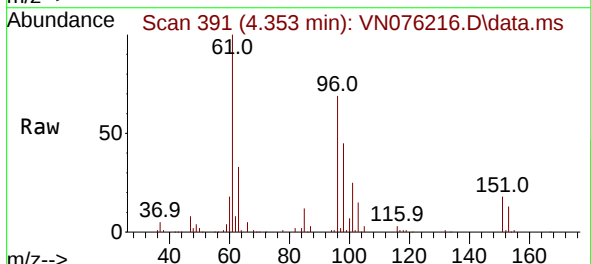
Tgt Ion: 59 Resp: 123102
Ion Ratio Lower Upper
59 100
57 5.5 8.2 12.4

Manual Integrations
APPROVED

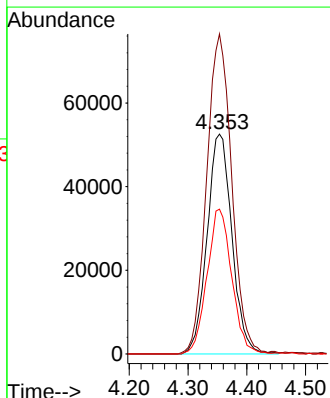
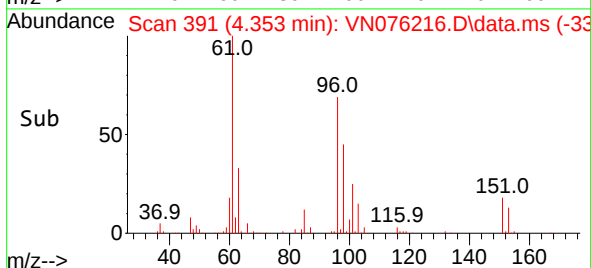
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

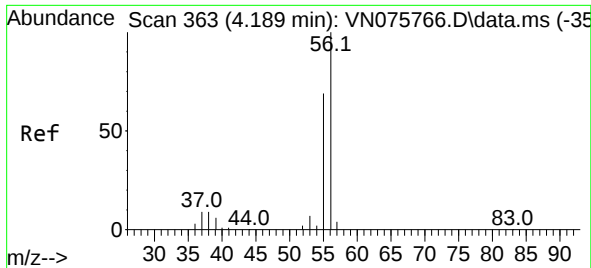


#12
1,1-Dichloroethene
Concen: 45.966 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



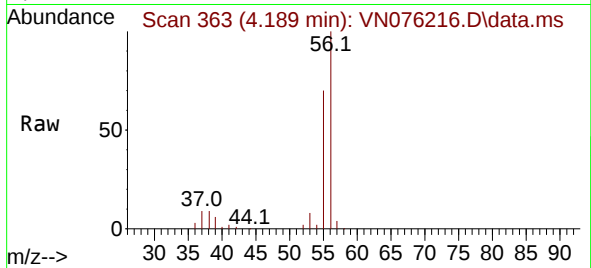
Tgt Ion: 96 Resp: 154205
Ion Ratio Lower Upper
96 100
61 145.6 113.3 169.9
98 65.9 50.9 76.3





#13
Acrolein
Concen: 233.146 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

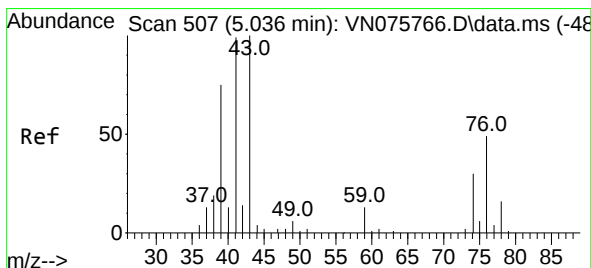
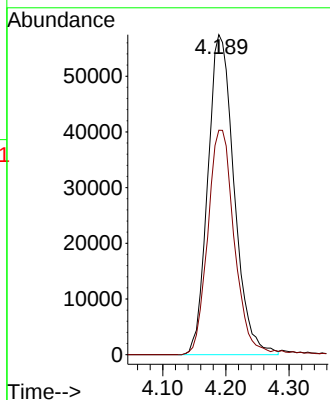
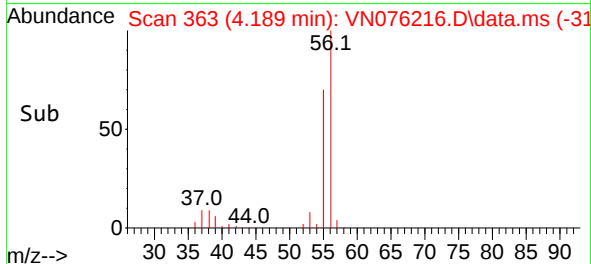
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16654
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2

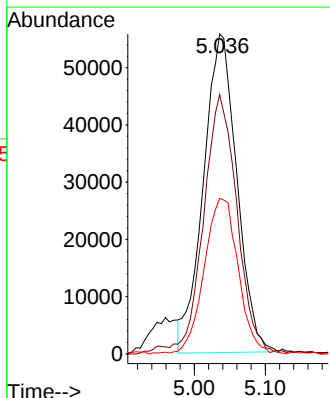
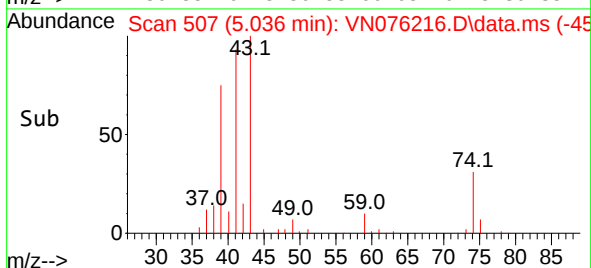
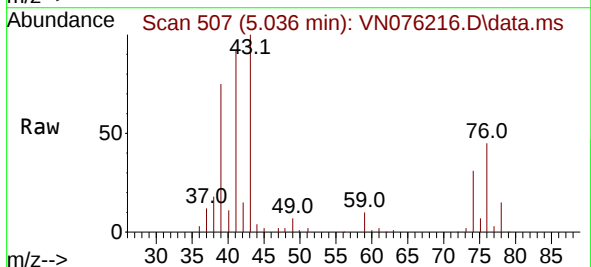
Manual Integrations
APPROVED

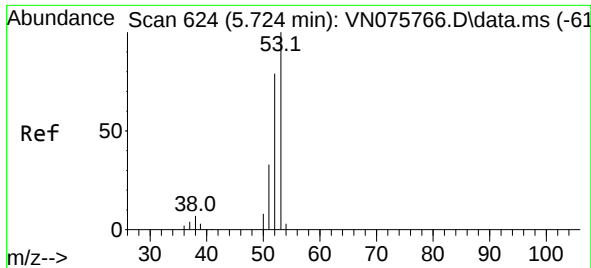
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#14
Allyl chloride
Concen: 46.464 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

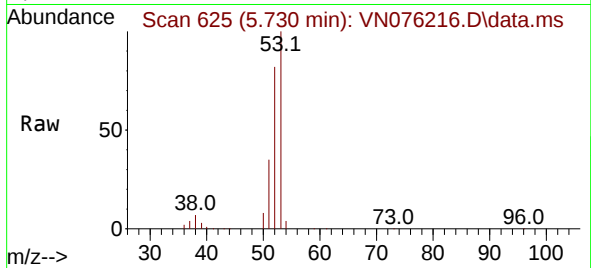
Tgt Ion: 41 Resp: 182217
Ion Ratio Lower Upper
41 100
39 80.0 58.3 87.5
76 49.7 35.8 53.6





#15
Acrylonitrile
Concen: 230.422 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

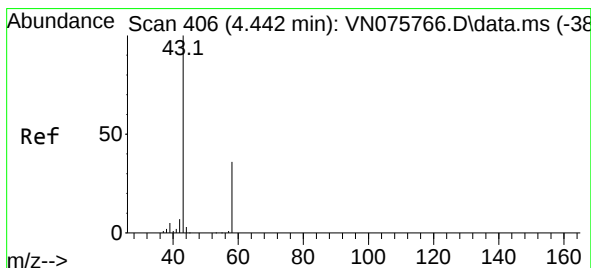
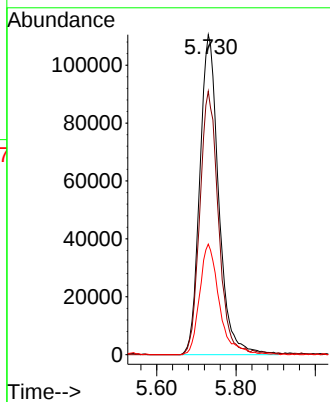
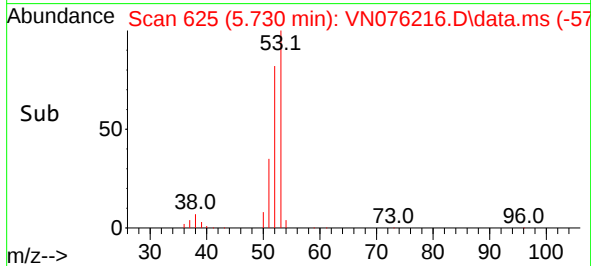
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 366394
Ion Ratio Lower Upper
53 100
52 80.6 65.4 98.0
51 35.7 28.9 43.3

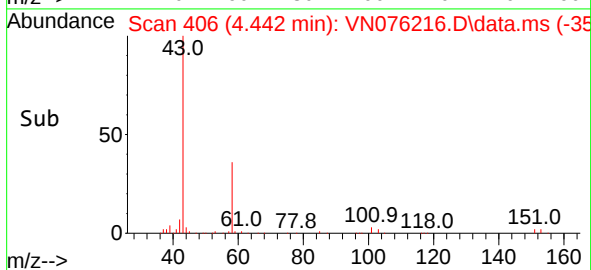
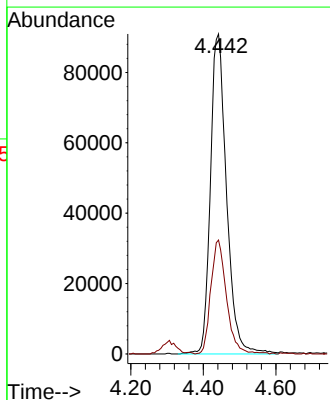
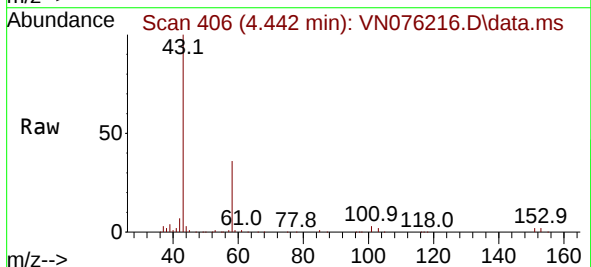
Manual Integrations
APPROVED

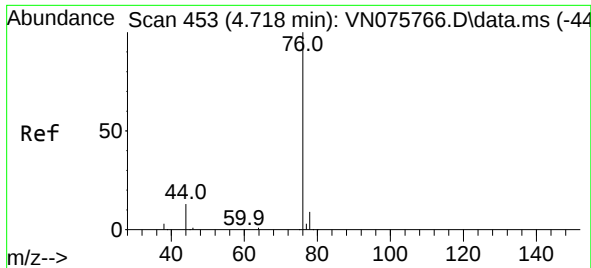
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#16
Acetone
Concen: 197.681 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 43 Resp: 280613
Ion Ratio Lower Upper
43 100
58 35.6 28.6 43.0





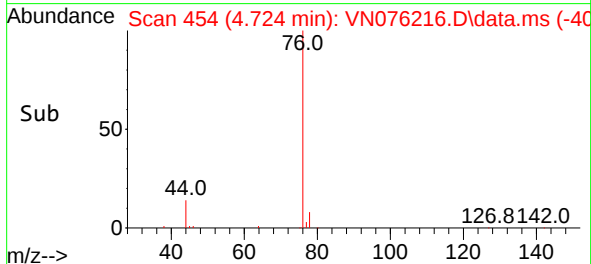
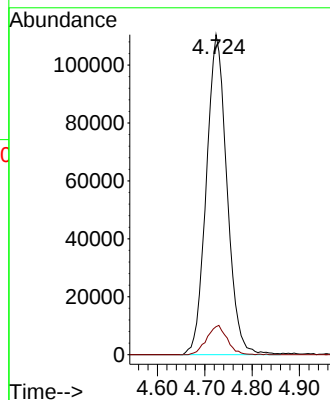
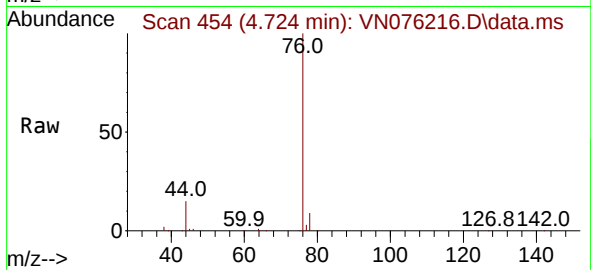
#17
Carbon Disulfide
Concen: 41.181 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 33449
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

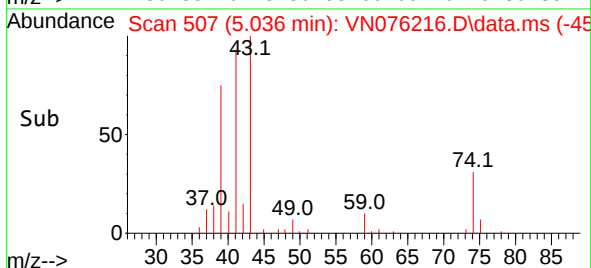
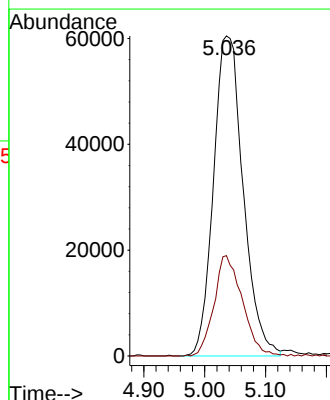
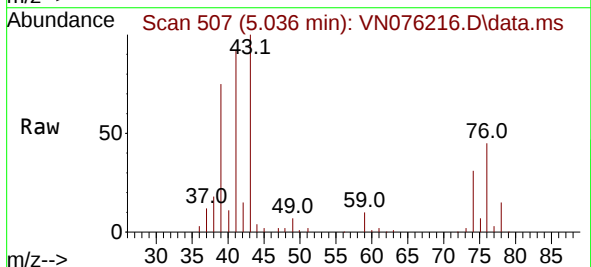
Manual Integrations
APPROVED

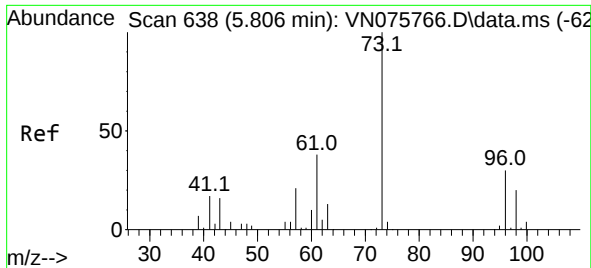
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#18
Methyl Acetate
Concen: 48.764 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 43 Resp: 204613
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4





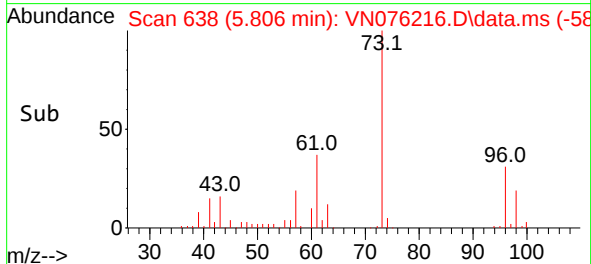
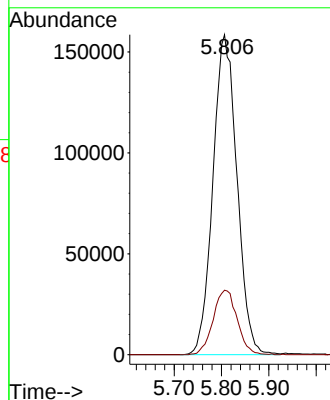
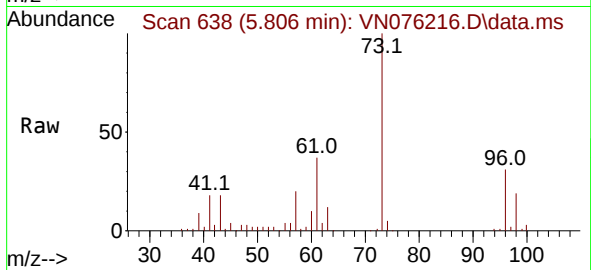
#19
Methyl tert-butyl Ether
Concen: 50.586 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 55884
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

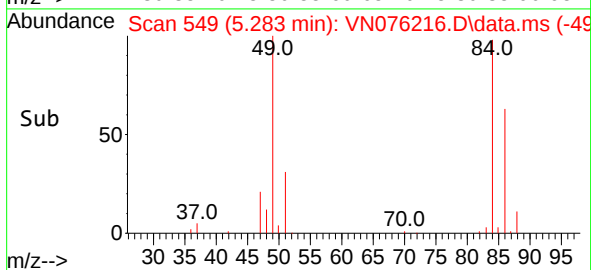
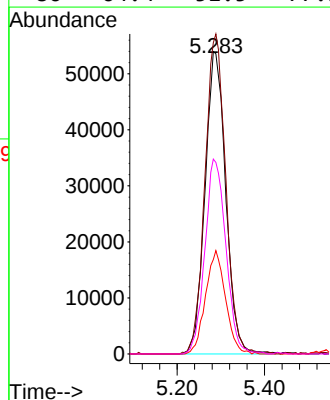
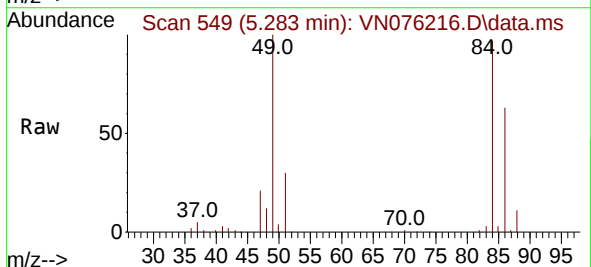
Manual Integrations
APPROVED

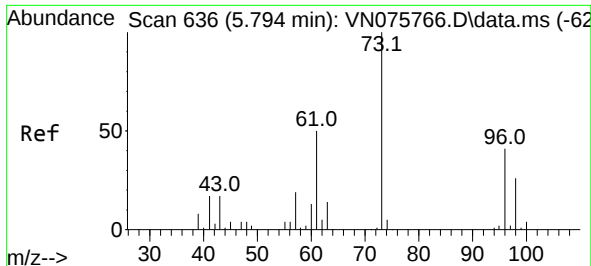
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#20
Methylene Chloride
Concen: 46.752 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 84 Resp: 177692
Ion Ratio Lower Upper
84 100
49 102.9 81.8 122.6
51 31.2 26.7 40.1
86 64.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 45.314 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

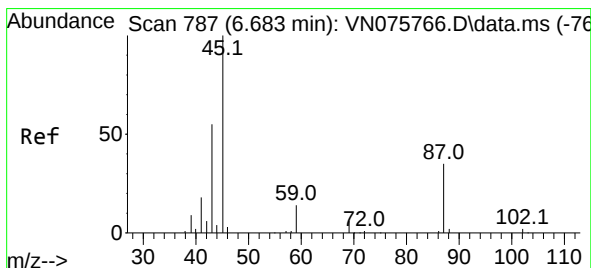
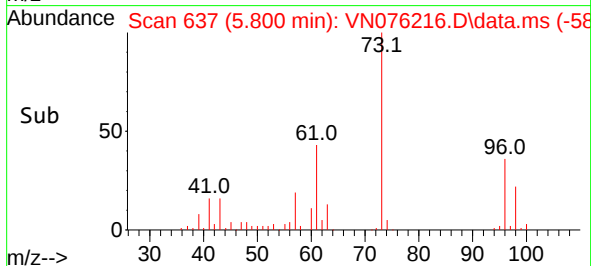
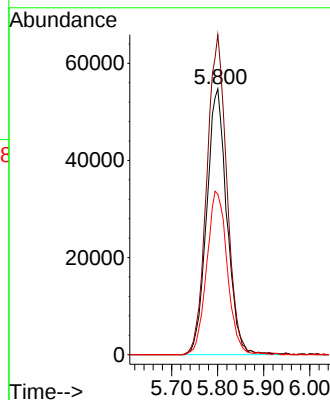
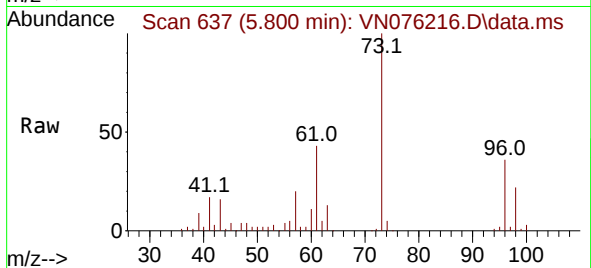
VSTDCCC050EC

Tgt Ion: 96 Resp: 16648
Ion Ratio Lower Upper
96 100
61 120.4 98.1 147.1
98 60.4 51.4 77.2

Manual Integrations

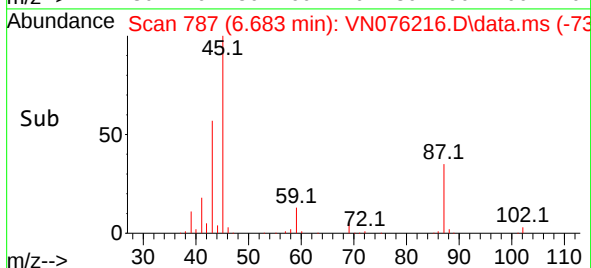
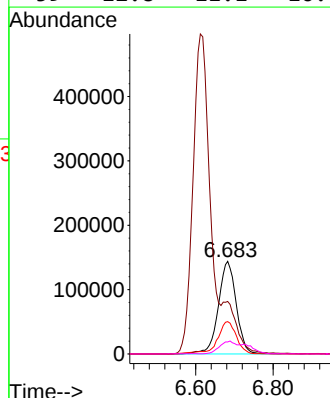
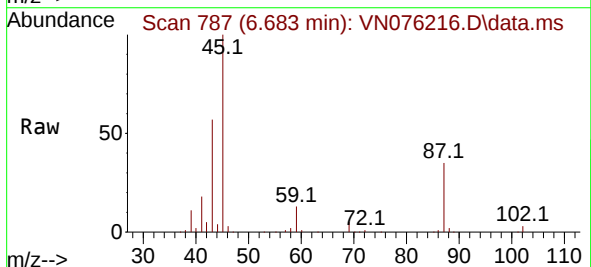
APPROVED

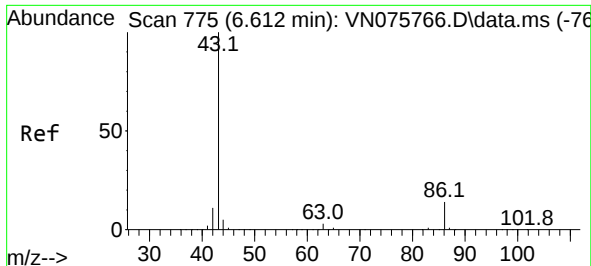
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#22
Diisopropyl ether
Concen: 48.443 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 45 Resp: 461506
Ion Ratio Lower Upper
45 100
43 55.9 44.2 66.4
87 34.9 28.3 42.5
59 12.8 11.1 16.7





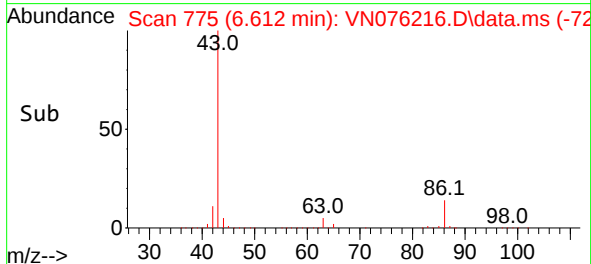
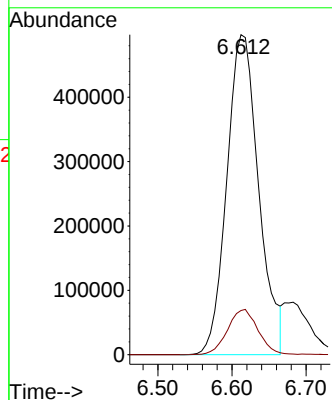
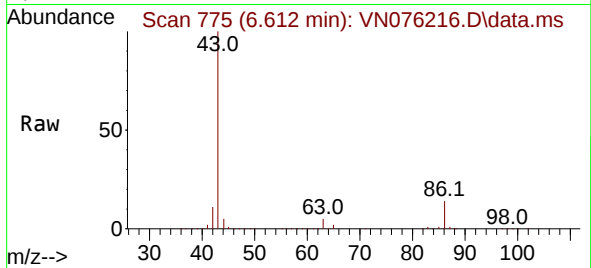
#23
 Vinyl Acetate
 Concen: 232.100 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 148827
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.4 17.2

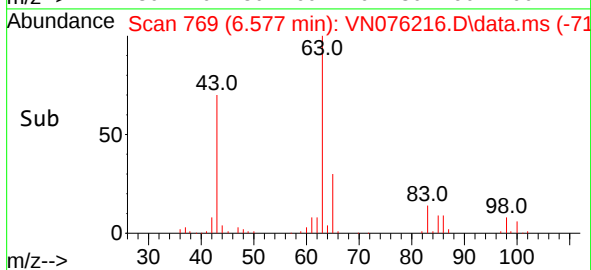
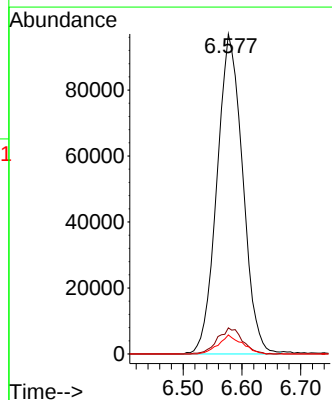
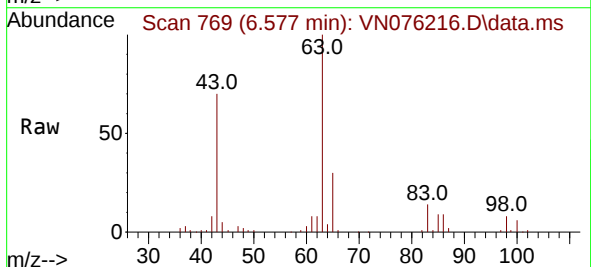
Manual Integrations
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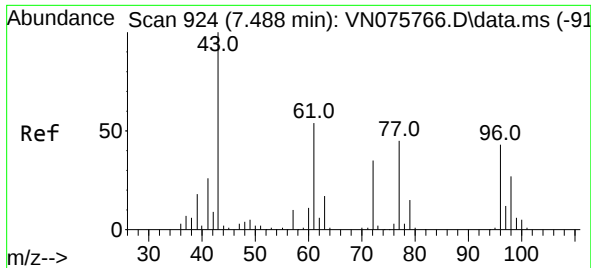
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#24
 1,1-Dichloroethane
 Concen: 46.356 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

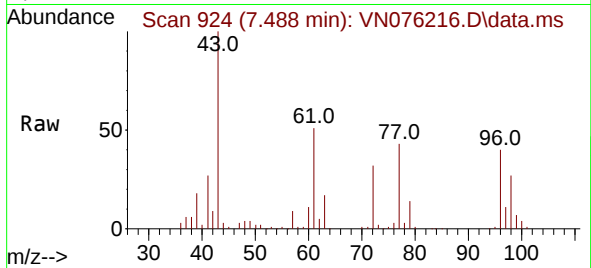
Tgt Ion: 63 Resp: 294526
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 6.0 2.5 7.6





#25
2-Butanone
Concen: 228.049 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

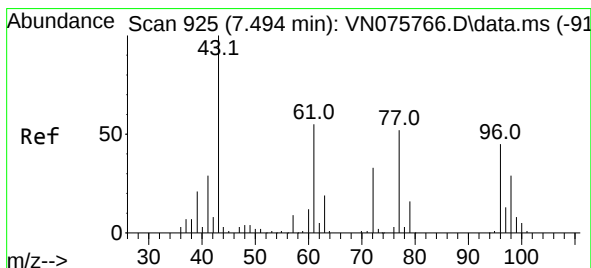
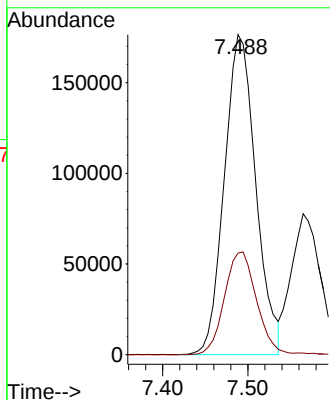
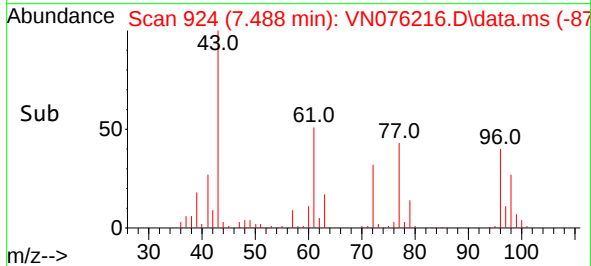
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



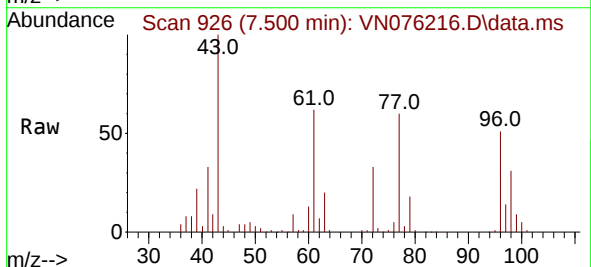
Tgt Ion: 43 Resp: 453269
Ion Ratio Lower Upper
43 100
72 31.7 28.0 42.0

Manual Integrations
APPROVED

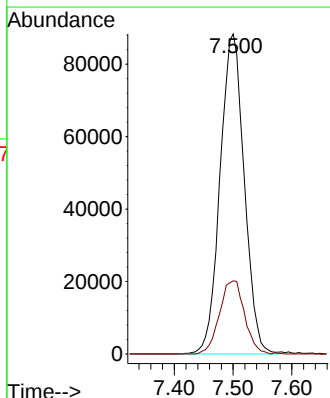
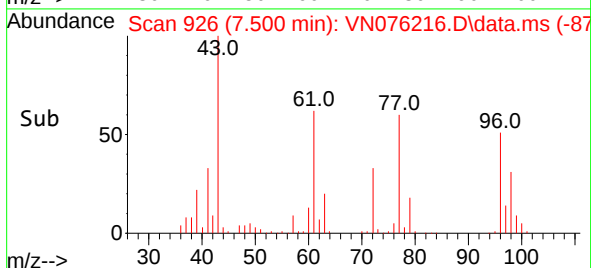
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#26
2,2-Dichloropropane
Concen: 46.905 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



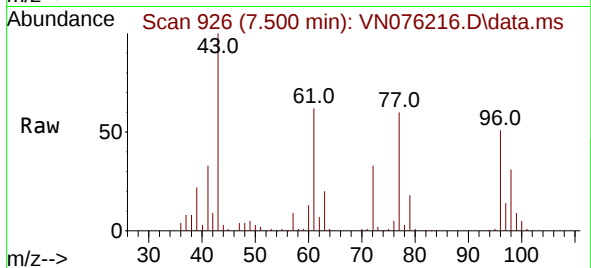
Tgt Ion: 77 Resp: 252375
Ion Ratio Lower Upper
77 100
97 23.6 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 45.510 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

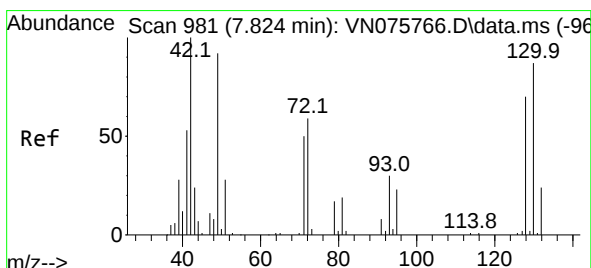
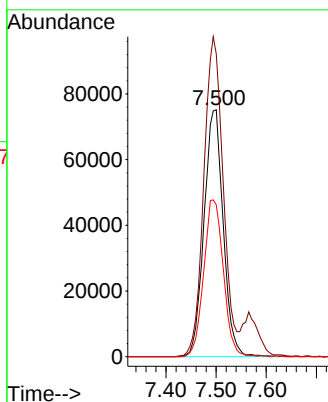
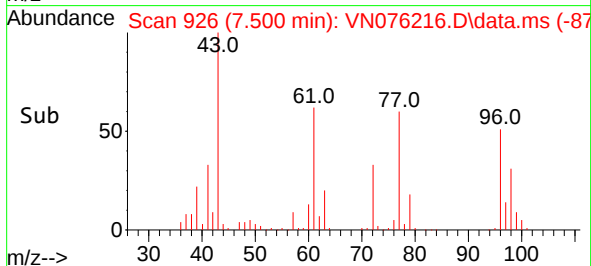
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 19997
Ion Ratio Lower Upper
96 100
61 131.4 0.0 247.8
98 64.8 0.0 128.4

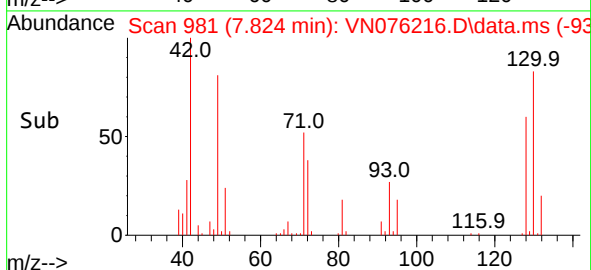
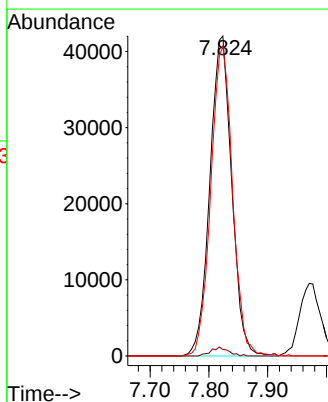
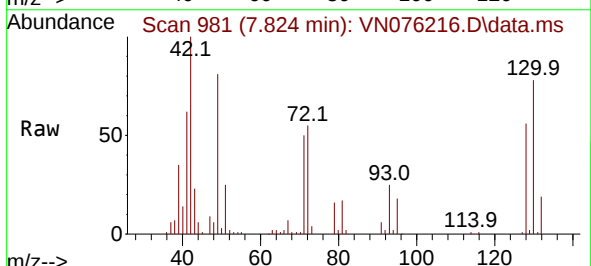
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#28
Bromochloromethane
Concen: 38.894 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

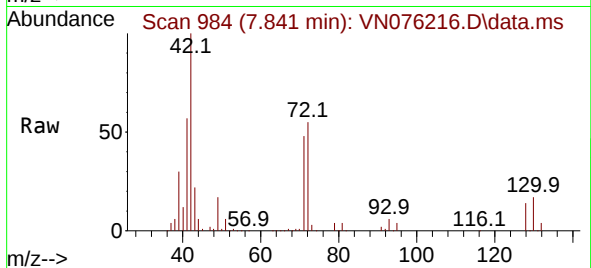
Tgt Ion: 49 Resp: 108311
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.0
130 96.4 77.0 115.4





#29
Tetrahydrofuran
Concen: 238.161 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

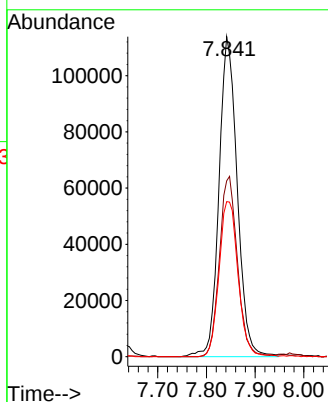
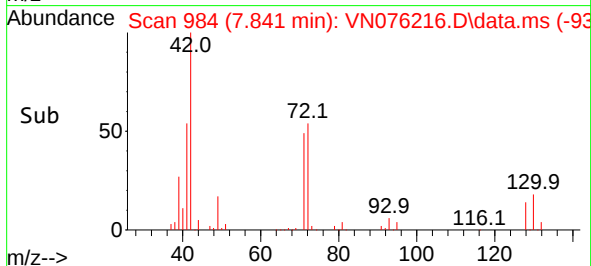
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 29664
Ion Ratio Lower Upper
42 100
72 55.6 44.5 66.7
71 50.5 41.0 61.6

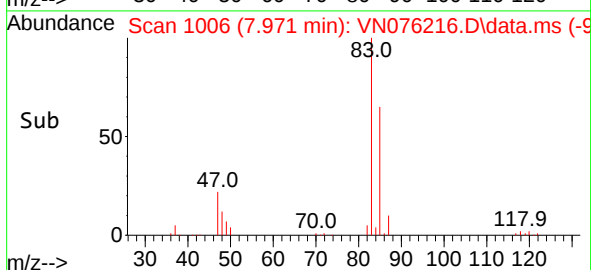
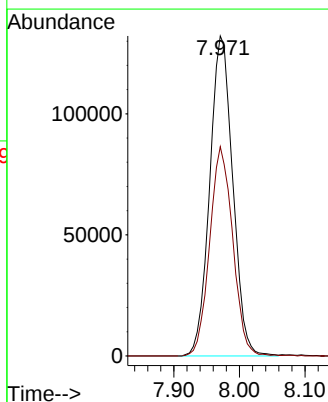
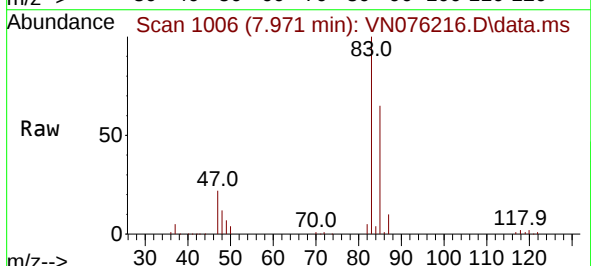
Manual Integrations
APPROVED

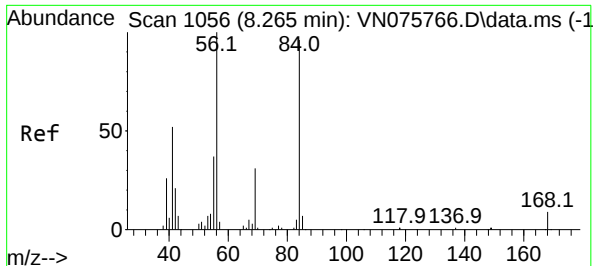
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#30
Chloroform
Concen: 45.039 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

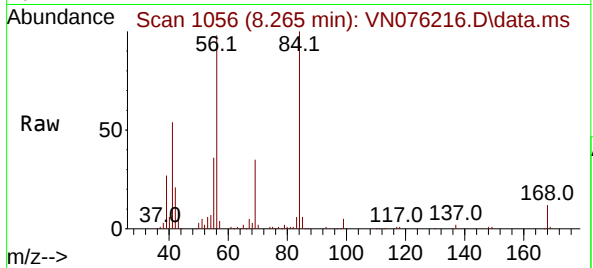
Tgt Ion: 83 Resp: 322185
Ion Ratio Lower Upper
83 100
85 65.4 49.1 73.7





#31
Cyclohexane
Concen: 44.200 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

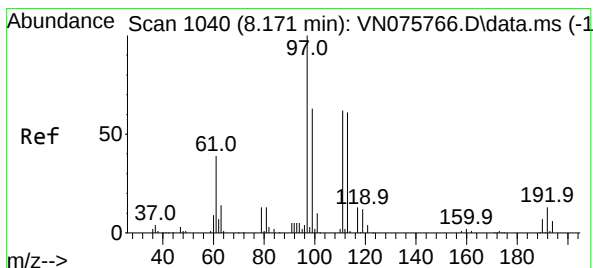
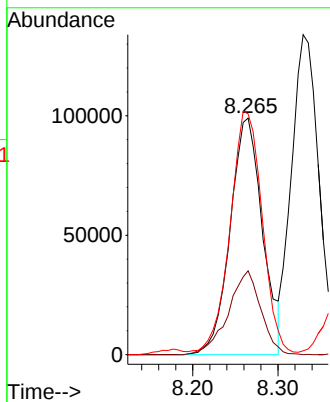
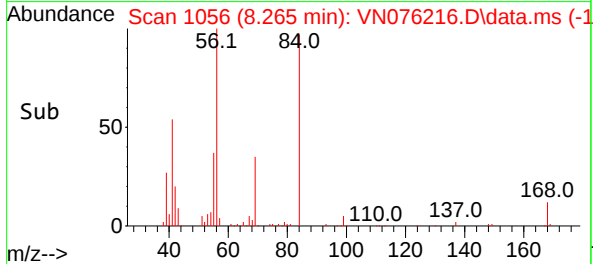
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



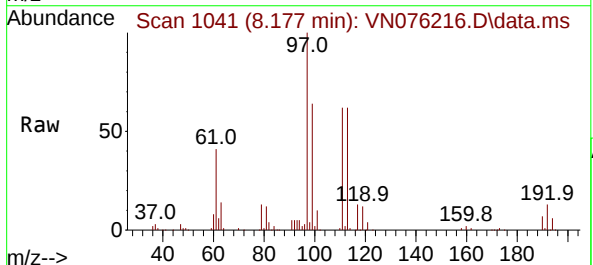
Tgt Ion: 56 Resp: 26067
Ion Ratio Lower Upper
56 100
69 35.4 24.7 37.1
84 99.8 76.5 114.7

Manual Integrations
APPROVED

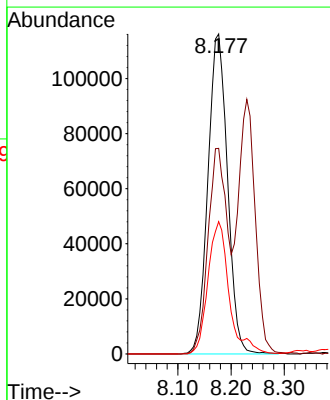
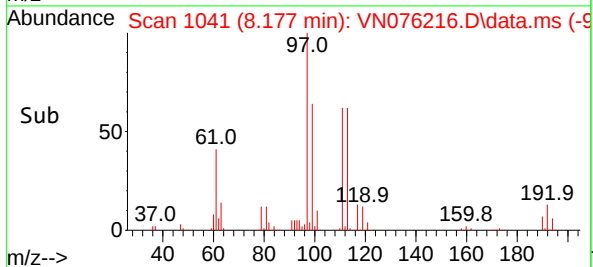
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#32
1,1,1-Trichloroethane
Concen: 46.737 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



Tgt Ion: 97 Resp: 296404
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 44.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.117 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18990

Ion Ratio Lower Upper

65 100

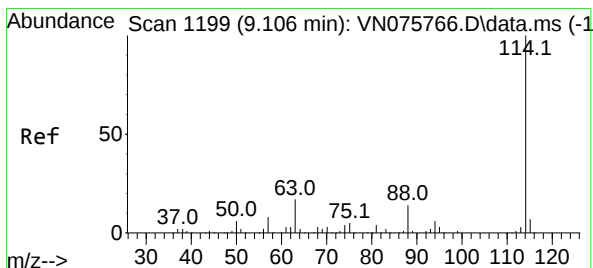
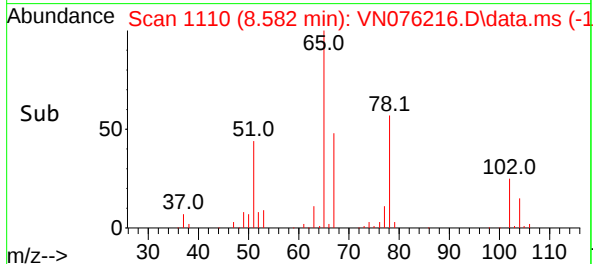
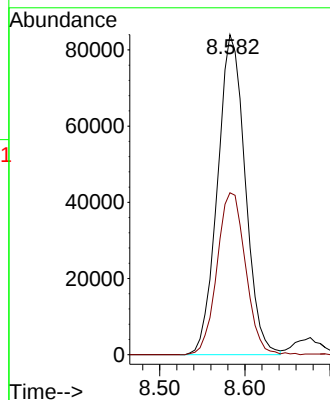
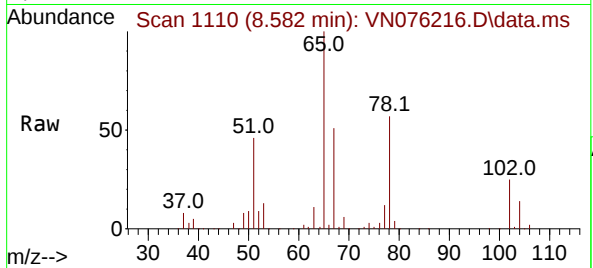
67 52.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

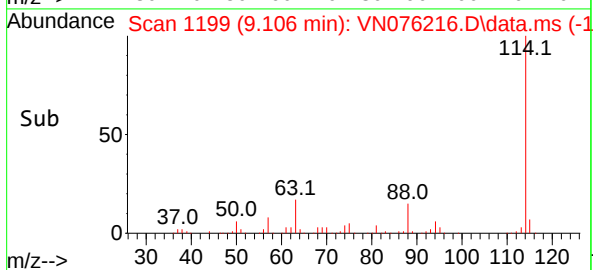
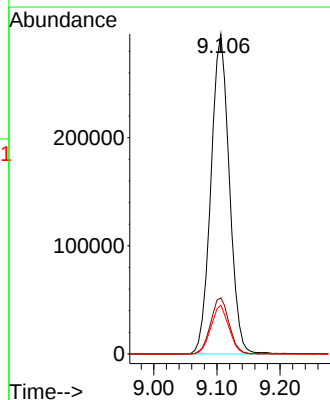
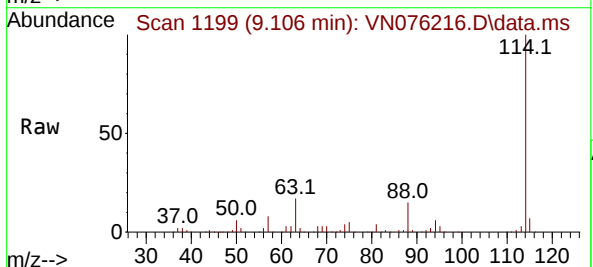
Tgt Ion:114 Resp: 598252

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.648 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076216.D

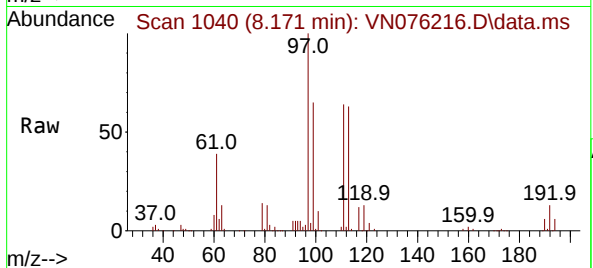
Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



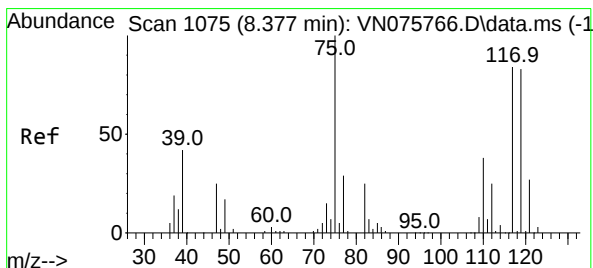
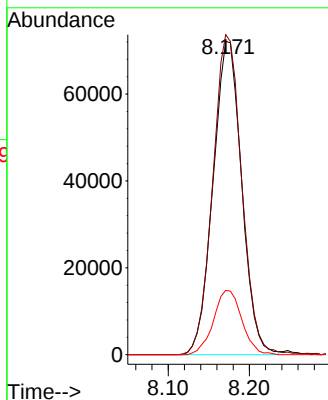
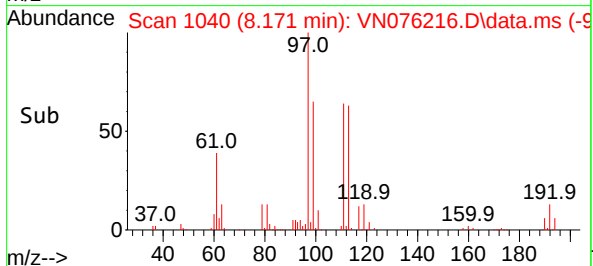
Tgt Ion:	113	Resp:	176529
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.4	125.2
192	20.4	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#36

1,1-Dichloropropene

Concen: 47.352 ug/l

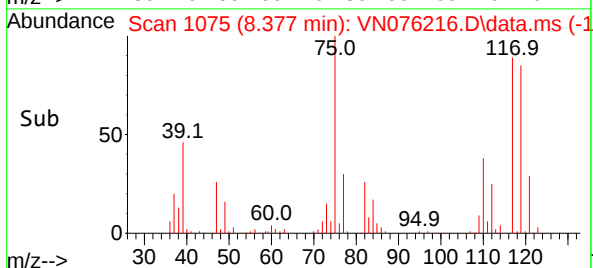
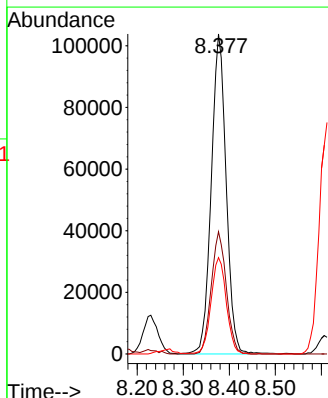
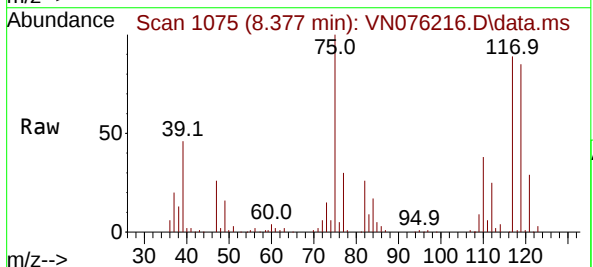
RT: 8.377 min Scan# 1075

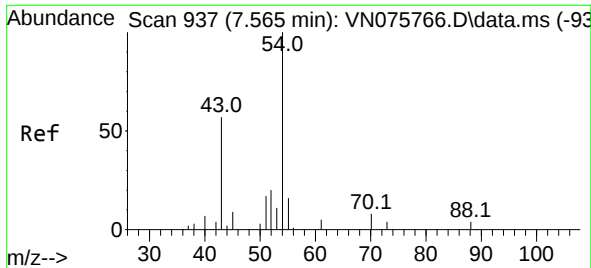
Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Tgt Ion:	75	Resp:	233047
Ion Ratio	Lower	Upper	
75	100		
110	38.5	18.8	56.4
77	30.9	24.1	36.1





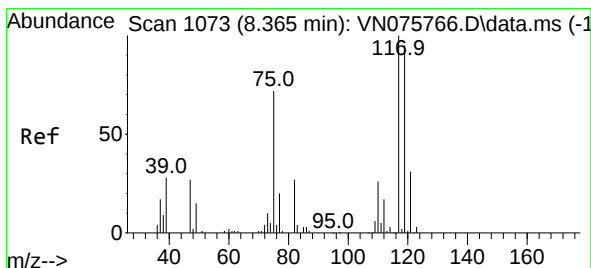
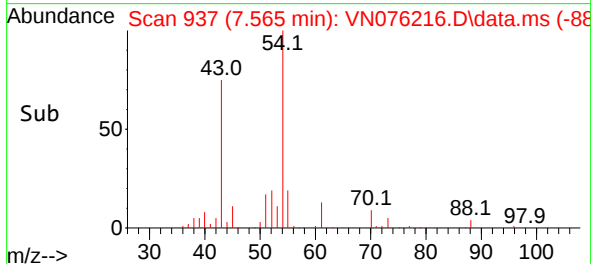
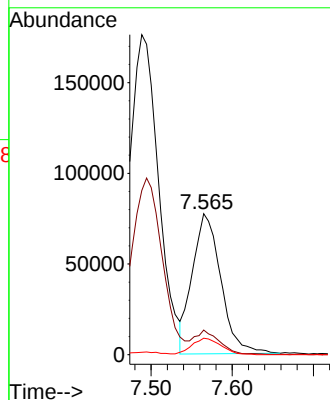
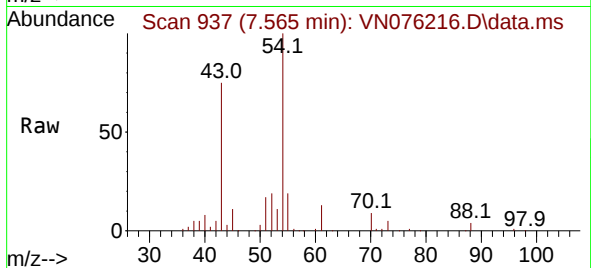
#37
Ethyl Acetate
Concen: 47.742 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 188735
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 12.0 9.4 14.0

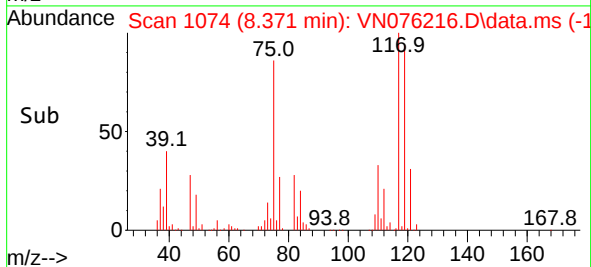
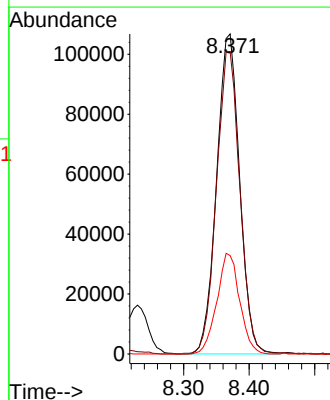
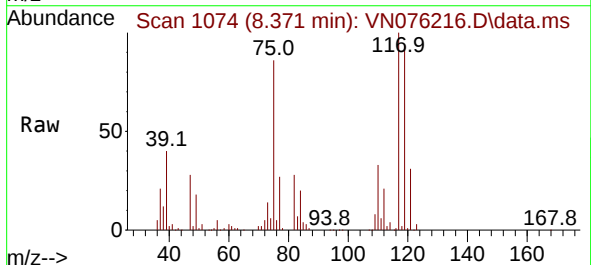
Manual Integrations
APPROVED

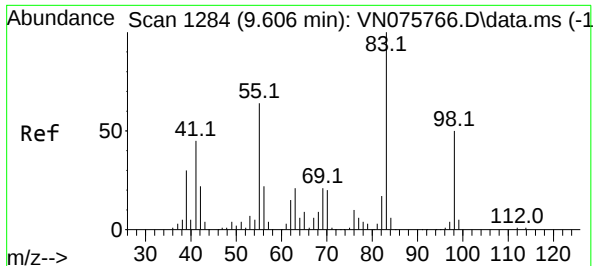
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#38
Carbon Tetrachloride
Concen: 47.193 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

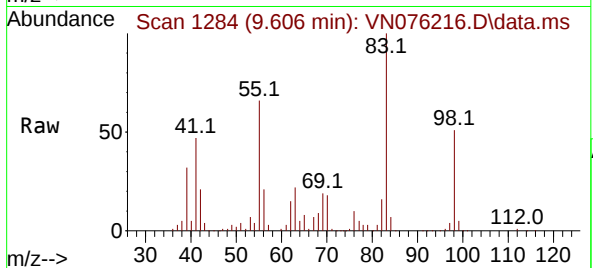
Tgt Ion:117 Resp: 259958
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
121 30.7 24.5 36.7





#39
Methylcyclohexane
Concen: 49.713 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

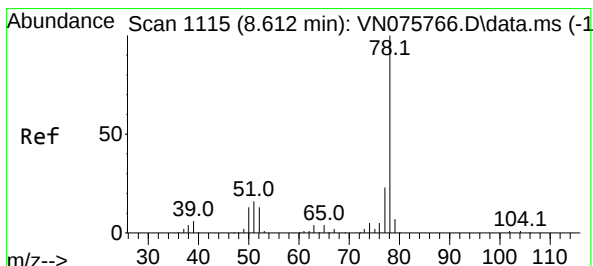
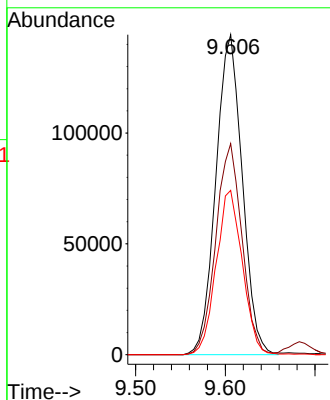
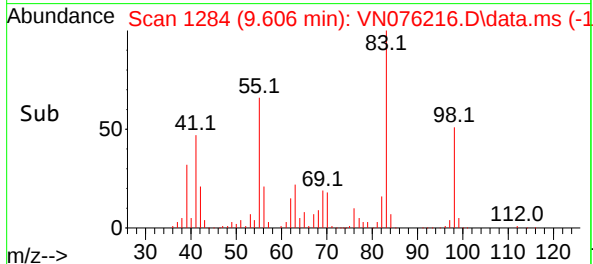
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



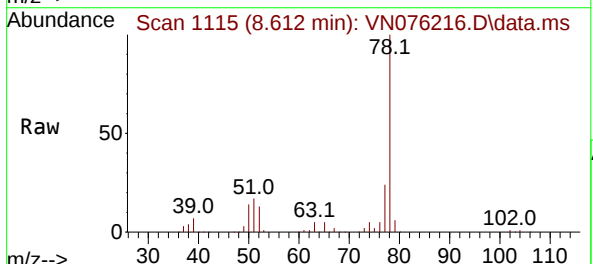
Tgt Ion: 83 Resp: 295172
Ion Ratio Lower Upper
83 100
55 66.0 51.4 77.0
98 51.4 39.8 59.8

Manual Integrations
APPROVED

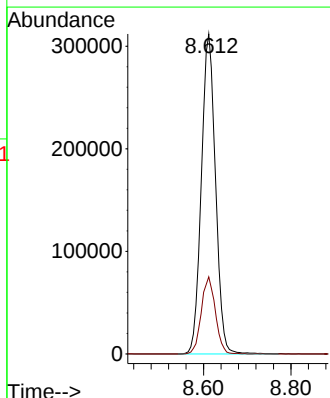
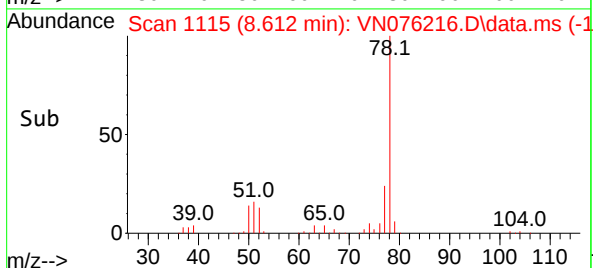
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#40
Benzene
Concen: 46.348 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



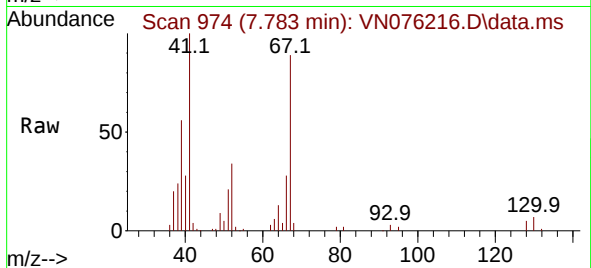
Tgt Ion: 78 Resp: 703789
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7





#41
Methacrylonitrile
Concen: 50.053 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

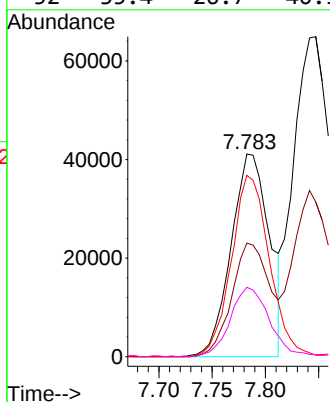
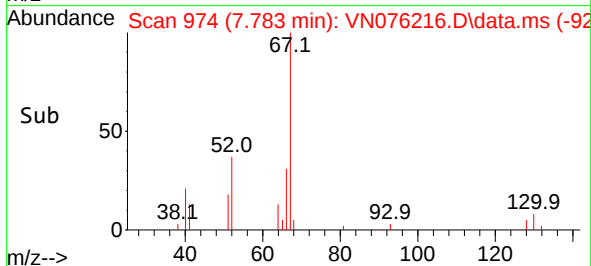
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



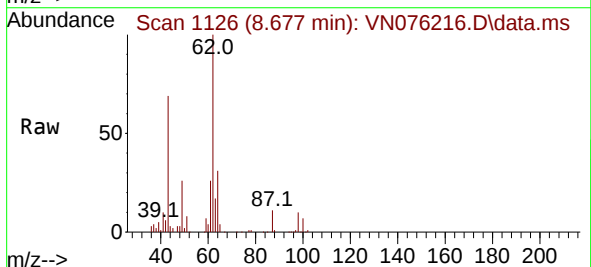
Tgt Ion: 41 Resp: 102852
Ion Ratio Lower Upper
41 100
39 55.7 43.1 64.7
67 89.1 70.7 106.1
52 35.4 26.7 40.1

Manual Integrations
APPROVED

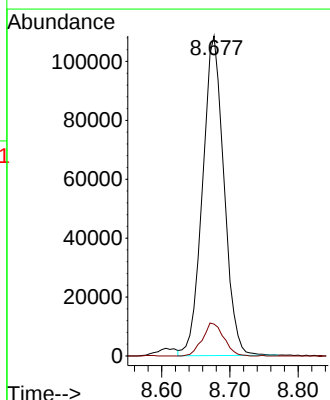
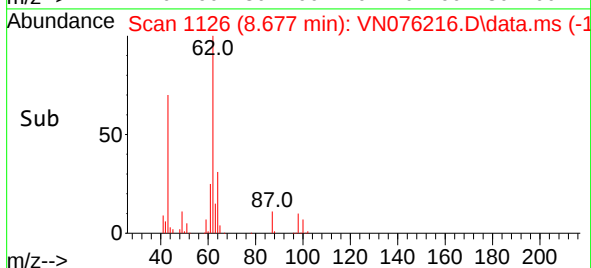
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

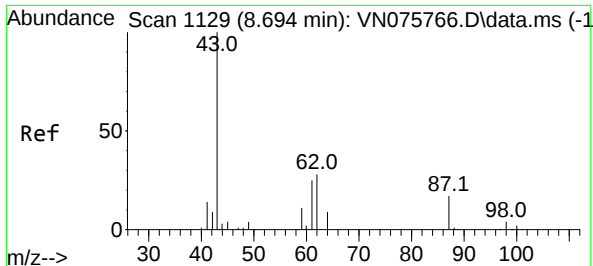


#42
1,2-Dichloroethane
Concen: 46.880 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



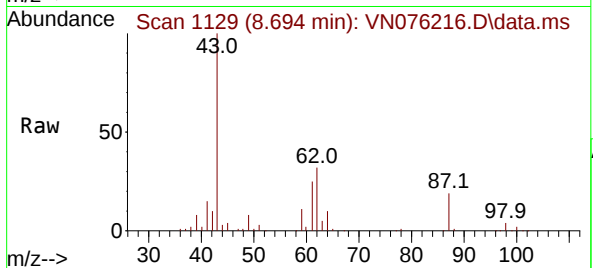
Tgt Ion: 62 Resp: 236663
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43
Isopropyl Acetate
Concen: 49.360 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

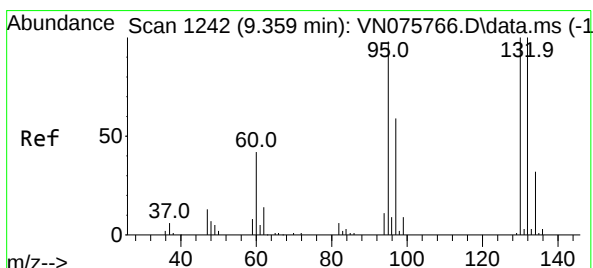
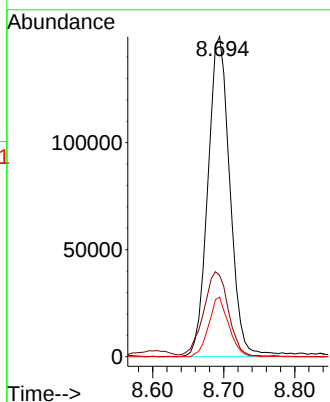
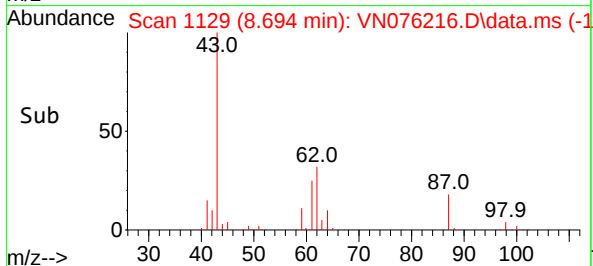
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



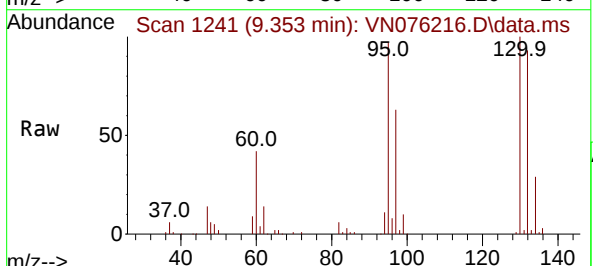
Tgt Ion: 43 Resp: 32188
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 16.9 13.3 19.9

Manual Integrations
APPROVED

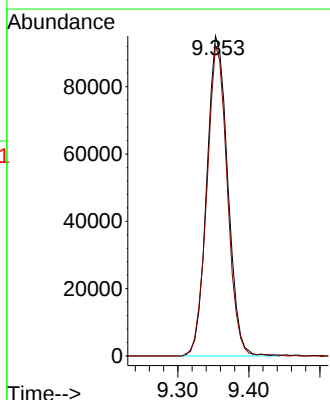
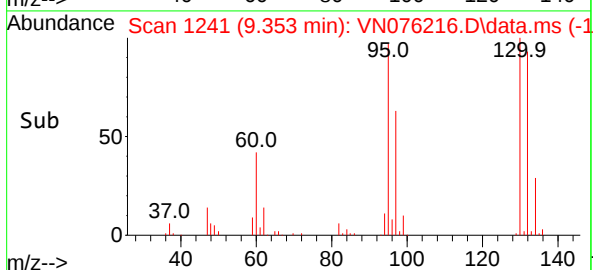
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

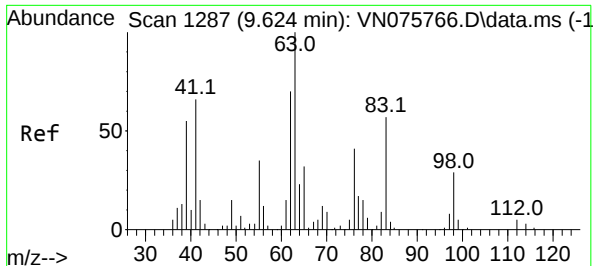


#44
Trichloroethene
Concen: 45.448 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



Tgt Ion:130 Resp: 194419
Ion Ratio Lower Upper
130 100
95 97.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 46.072 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17024

Ion Ratio Lower Upper

63 100

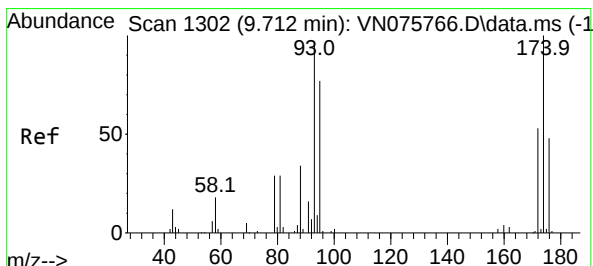
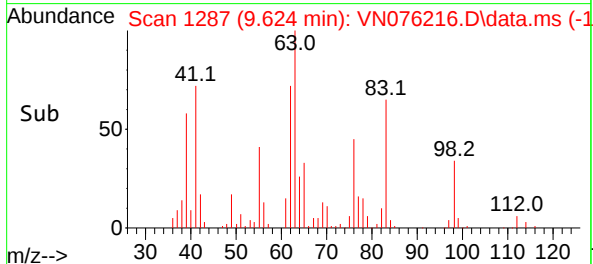
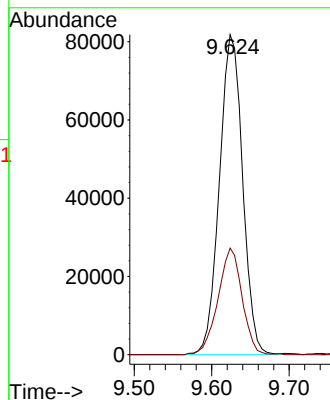
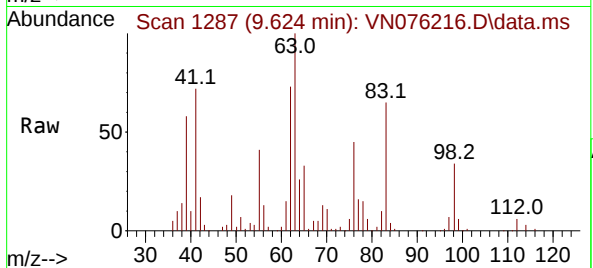
65 33.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#46

Dibromomethane

Concen: 46.704 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

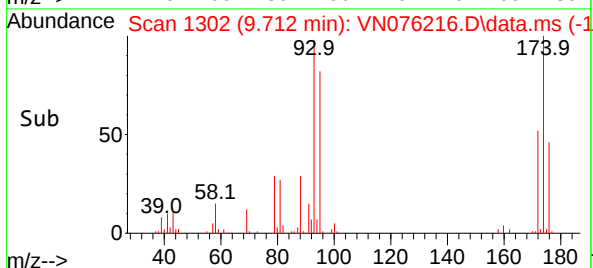
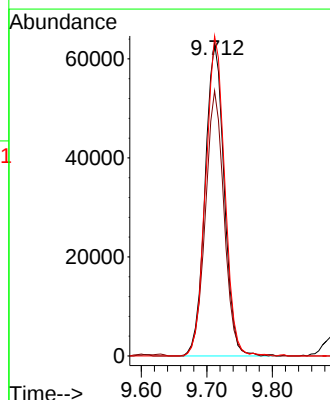
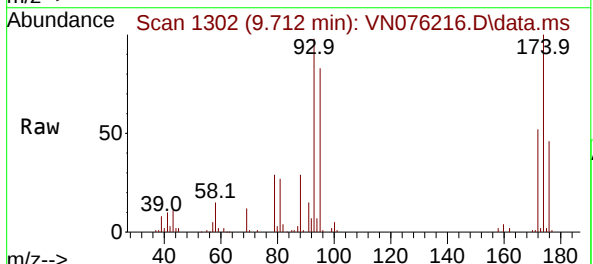
Tgt Ion: 93 Resp: 128002

Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 101.8 82.4 123.6





#47

Bromodichloromethane

Concen: 46.774 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 251394

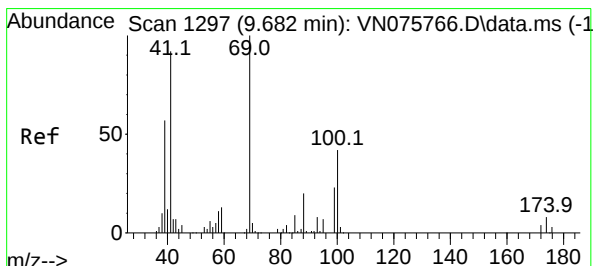
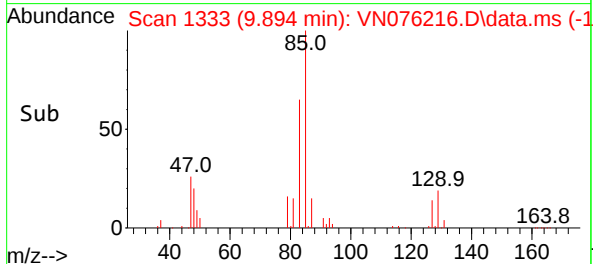
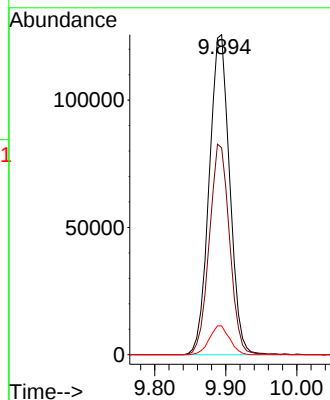
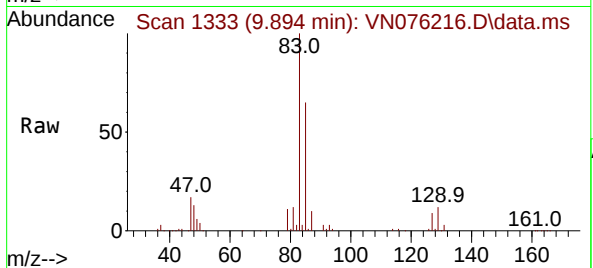
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3
127	9.0	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#48

Methyl methacrylate

Concen: 51.049 ug/l

RT: 9.682 min Scan# 1297

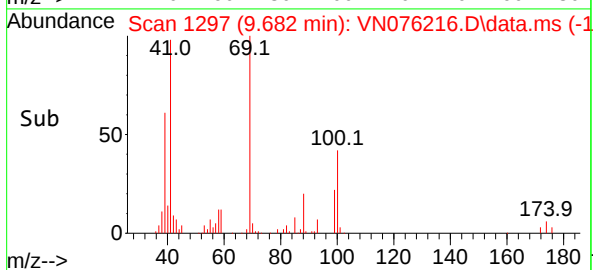
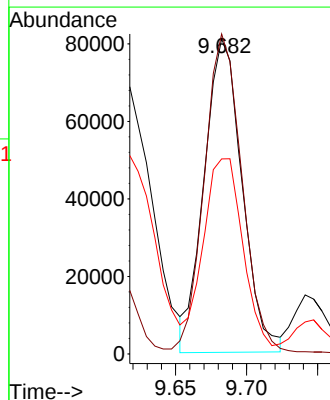
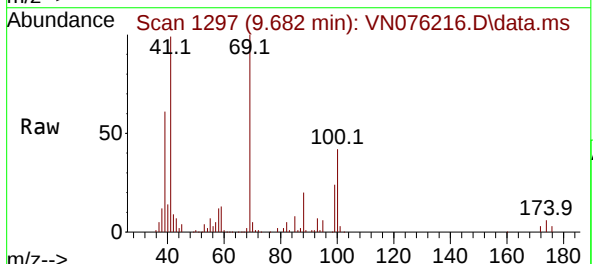
Delta R.T. -0.000 min

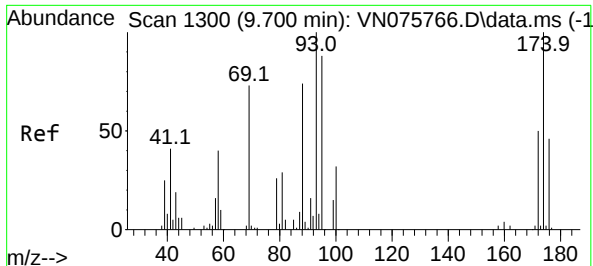
Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Tgt Ion: 41 Resp: 149934

Ion	Ratio	Lower	Upper
41	100		
69	102.7	81.9	122.9
39	66.6	51.6	77.4





#49

1,4-Dioxane

Concen: 888.472 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6415

Ion Ratio Lower Upper

88 100

43 22.5 17.1 25.7

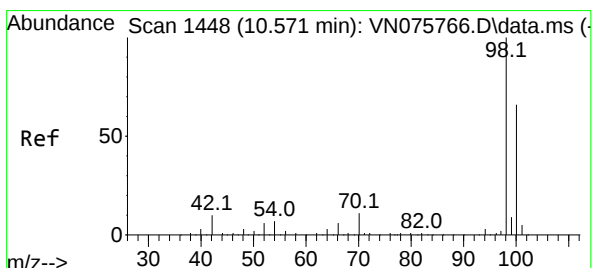
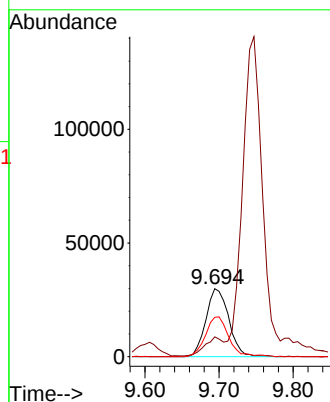
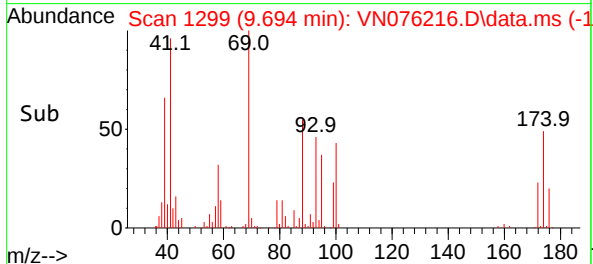
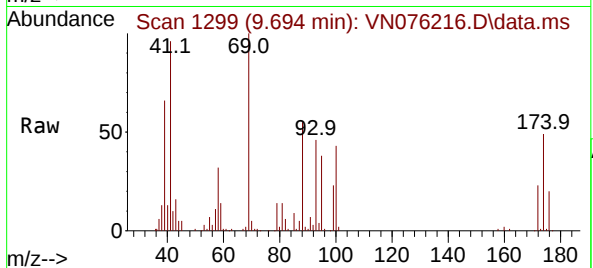
58 59.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#50

Toluene-d8

Concen: 46.200 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076216.D

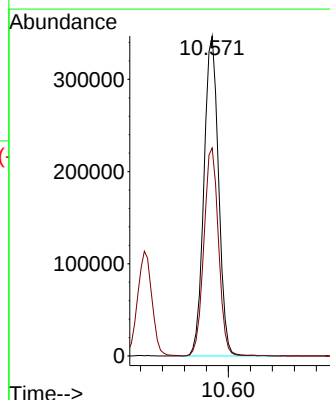
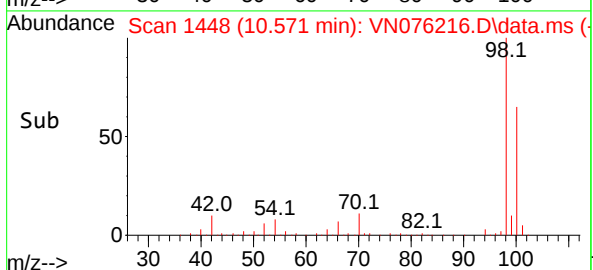
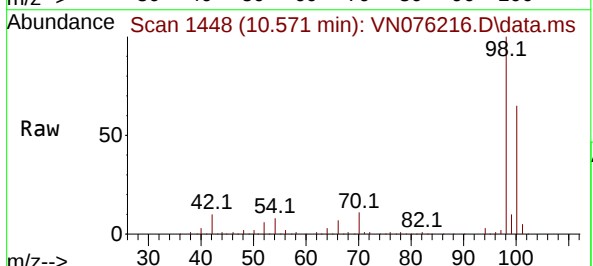
Acq: 11 Jan 2023 18:23

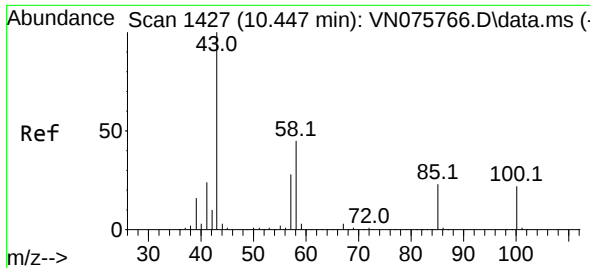
Tgt Ion: 98 Resp: 639965

Ion Ratio Lower Upper

98 100

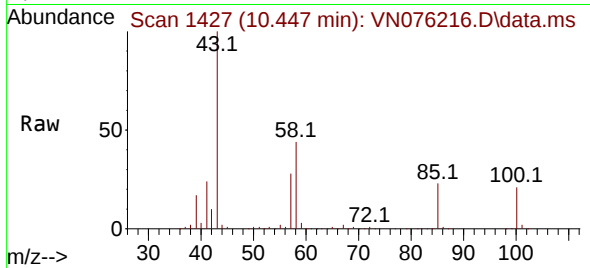
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 245.359 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

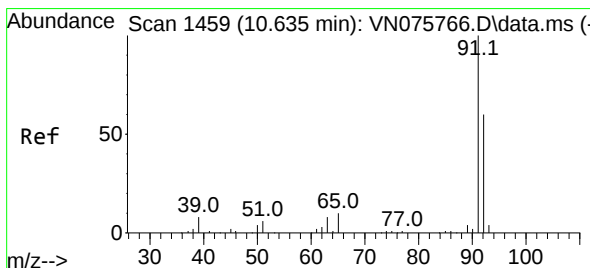
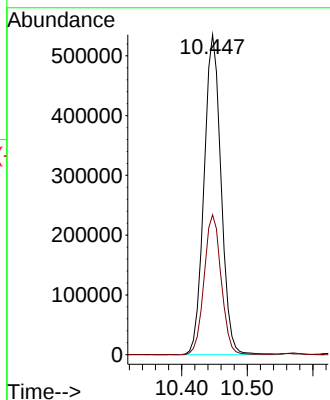
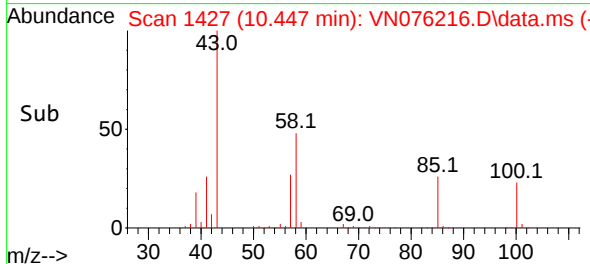
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



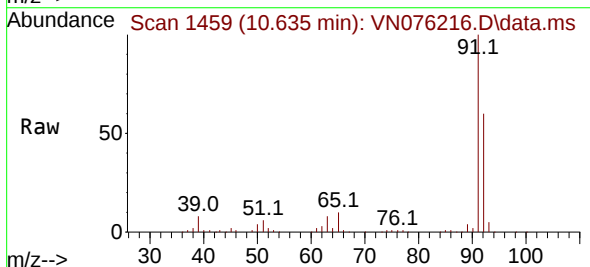
Tgt Ion: 43 Resp: 967629
Ion Ratio Lower Upper
43 100
58 43.9 35.5 53.3

Manual Integrations
APPROVED

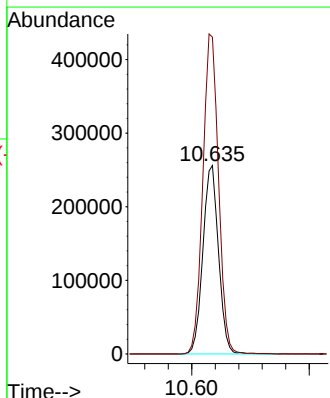
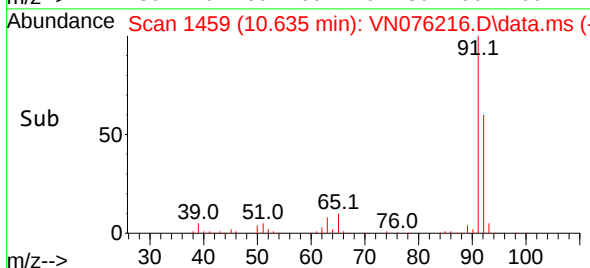
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

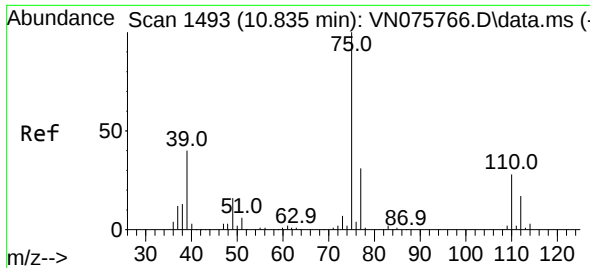


#52
Toluene
Concen: 47.594 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



Tgt Ion: 92 Resp: 470679
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 48.825 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

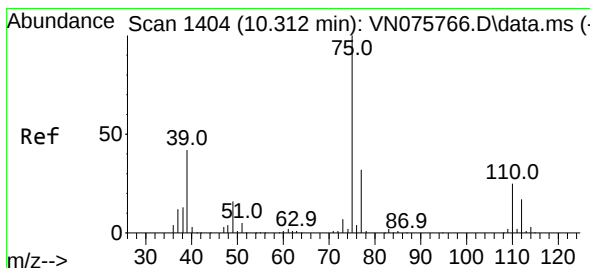
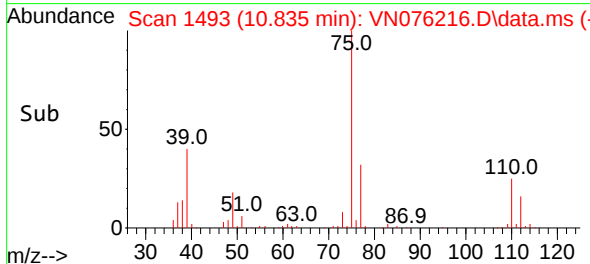
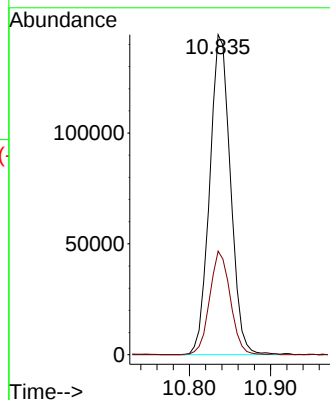
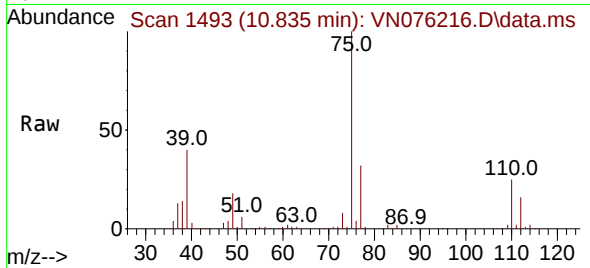
VSTDCCC050EC

Tgt Ion: 75 Resp: 256879
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3

Manual Integrations

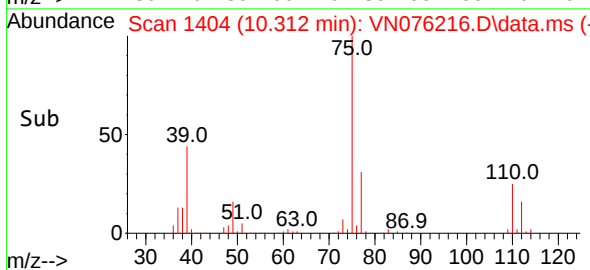
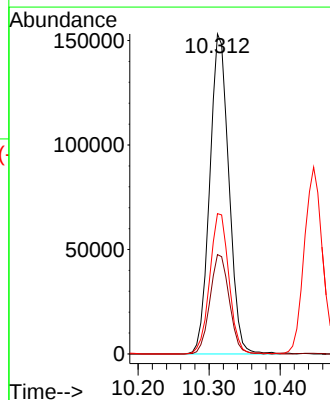
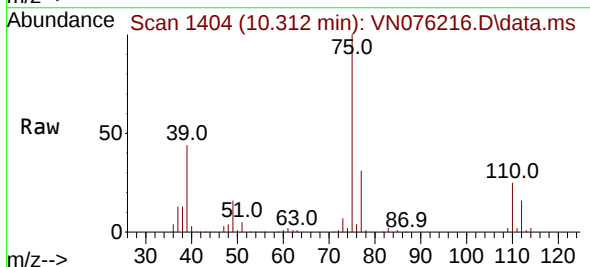
APPROVED

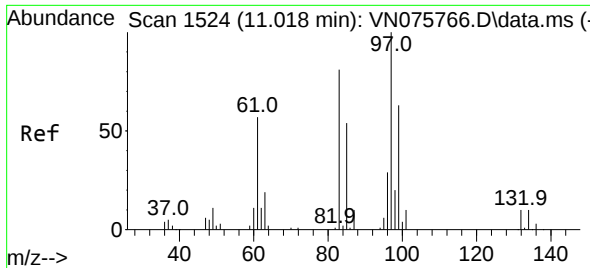
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#54
cis-1,3-Dichloropropene
Concen: 49.563 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

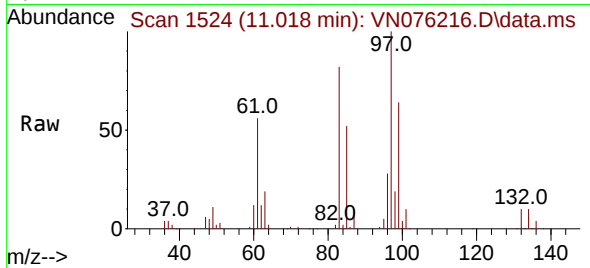
Tgt Ion: 75 Resp: 286299
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 43.8 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 47.806 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

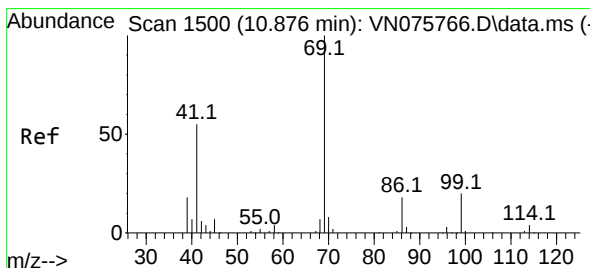
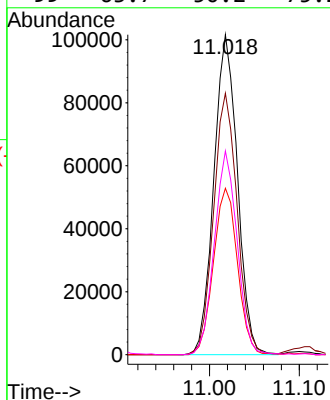
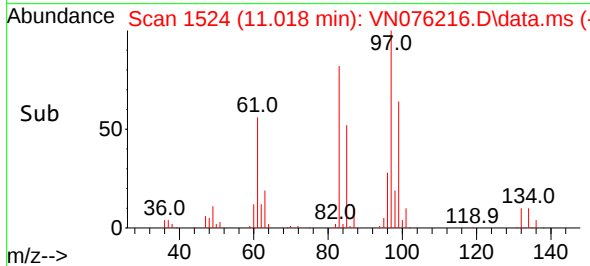
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



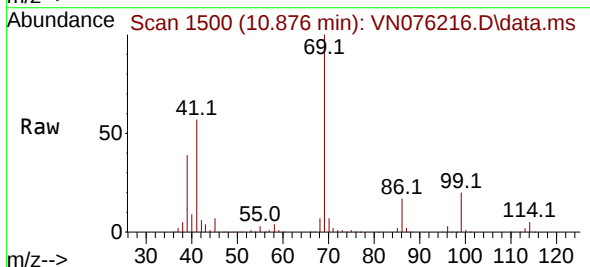
Tgt Ion: 97 Resp: 18556
Ion Ratio Lower Upper
97 100
83 81.7 65.0 97.4
85 52.0 43.0 64.6
99 63.7 50.2 75.2

Manual Integrations
APPROVED

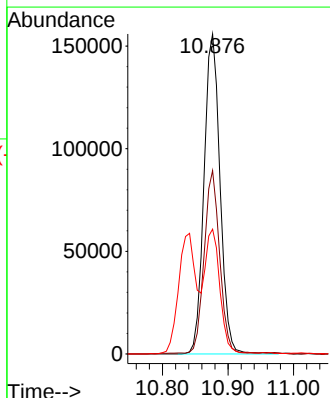
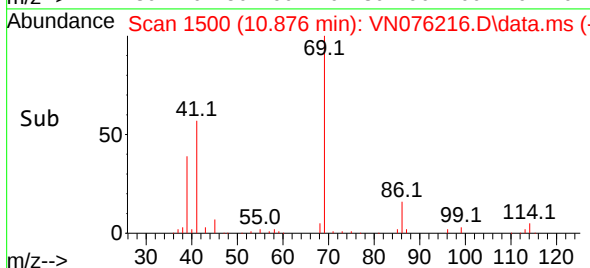
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

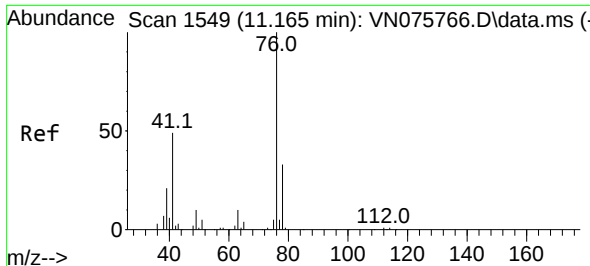


#56
Ethyl methacrylate
Concen: 51.354 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



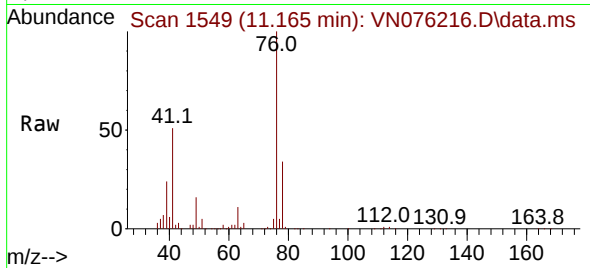
Tgt Ion: 69 Resp: 264778
Ion Ratio Lower Upper
69 100
41 56.2 44.2 66.4
39 35.1 26.4 39.6





#57
1,3-Dichloropropane
Concen: 47.019 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

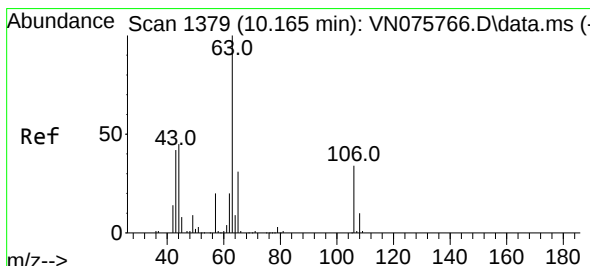
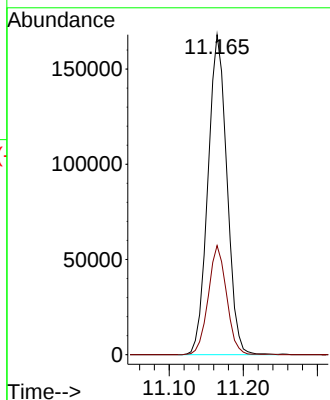
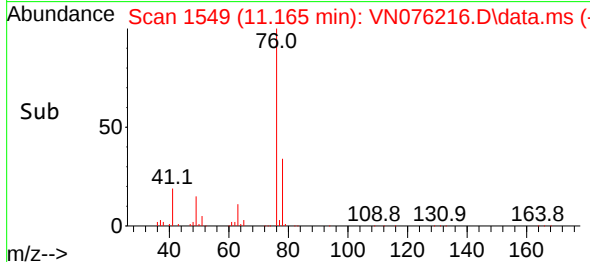
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 29937
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

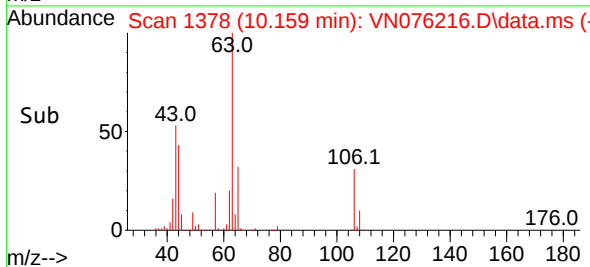
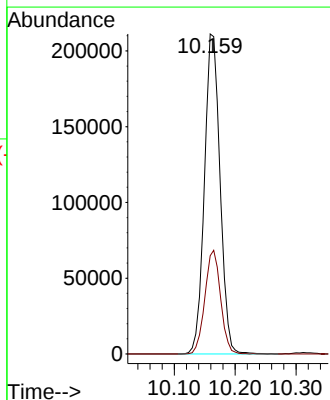
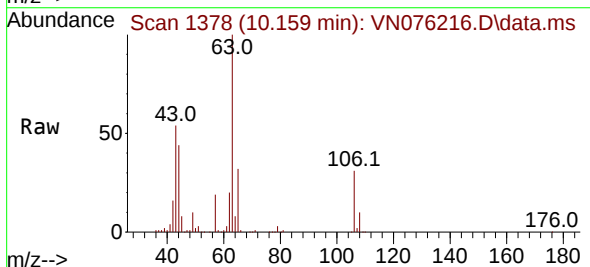
Manual Integrations
APPROVED

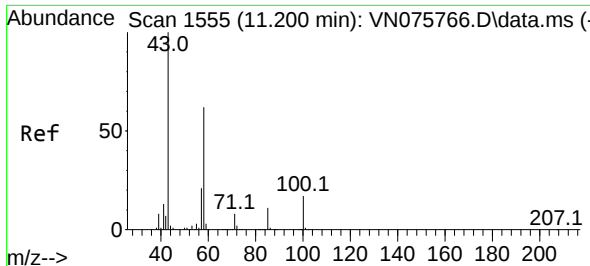
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 229.683 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

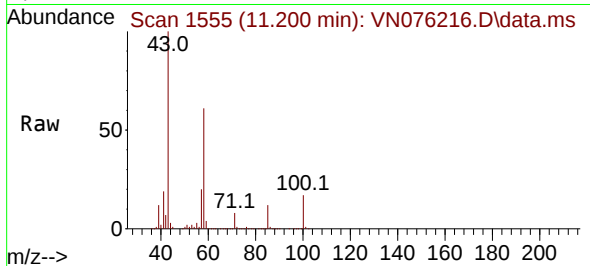
Tgt Ion: 63 Resp: 377035
Ion Ratio Lower Upper
63 100
106 32.5 26.4 39.6





#59
2-Hexanone
Concen: 241.314 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

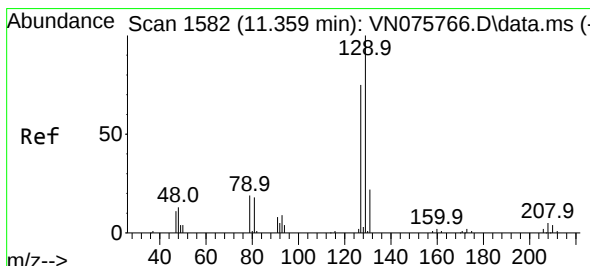
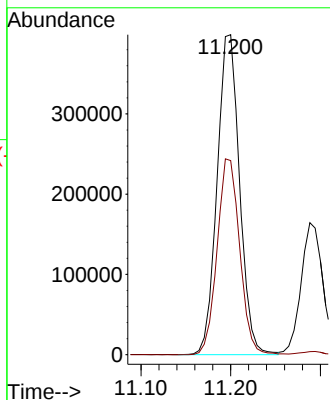
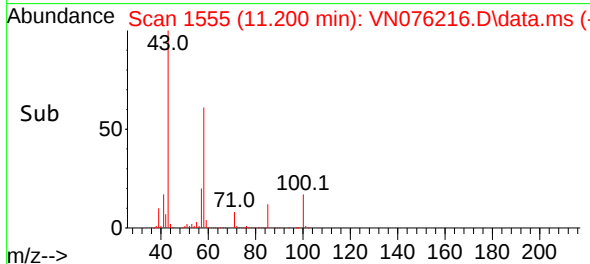
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69402
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0

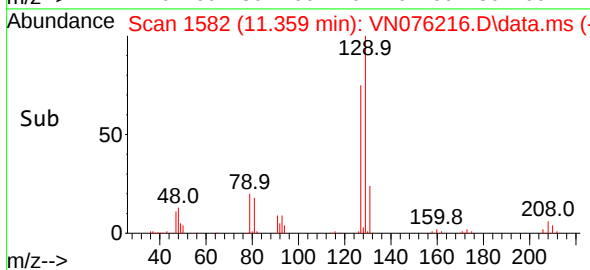
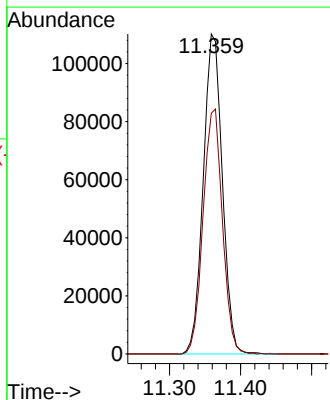
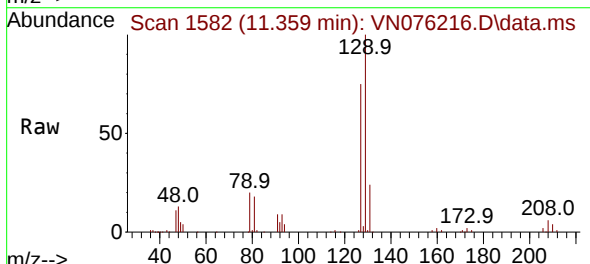
Manual Integrations
APPROVED

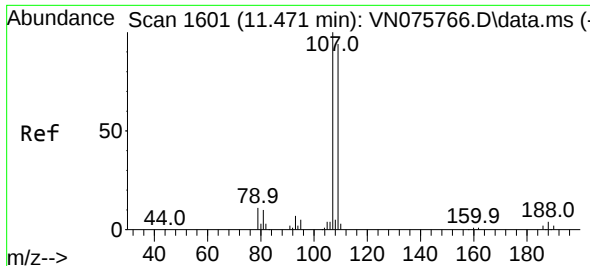
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#60
Dibromochloromethane
Concen: 47.739 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

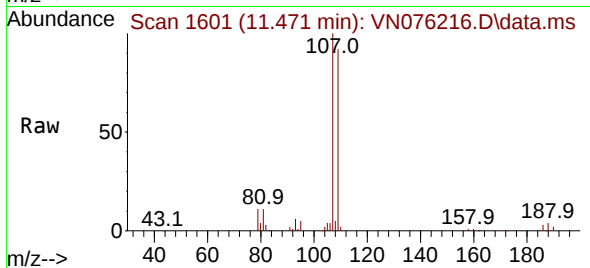
Tgt Ion:129 Resp: 206080
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 47.589 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

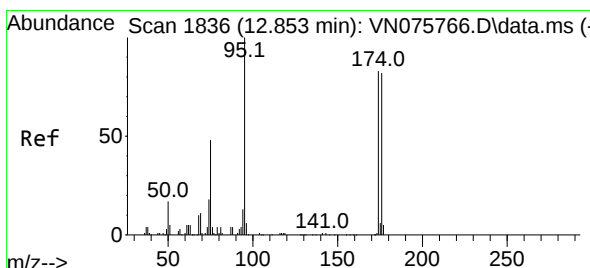
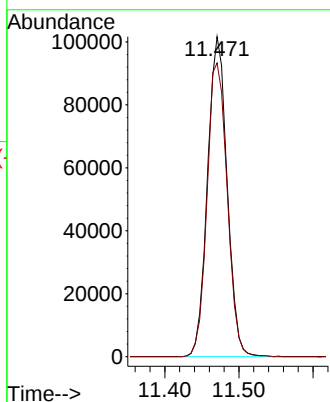
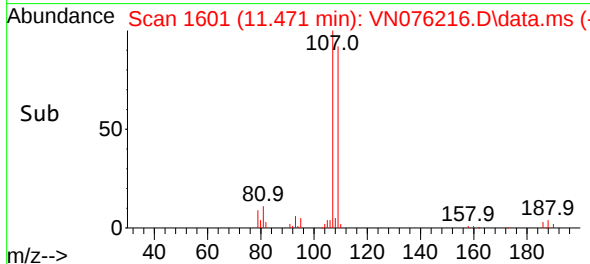
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



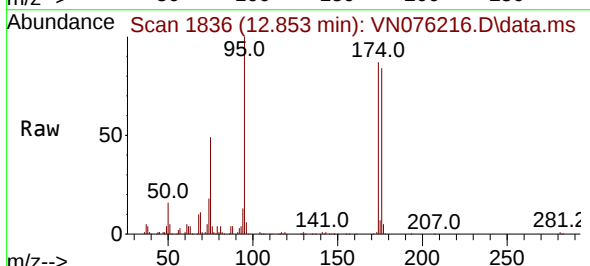
Tgt Ion:107 Resp: 186938
Ion Ratio Lower Upper
107 100
109 94.5 74.8 112.2

Manual Integrations
APPROVED

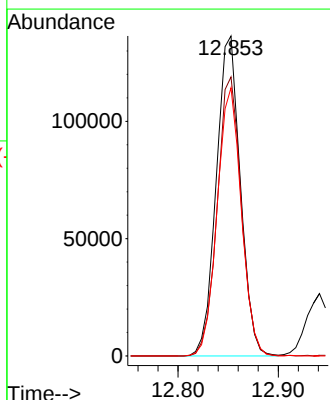
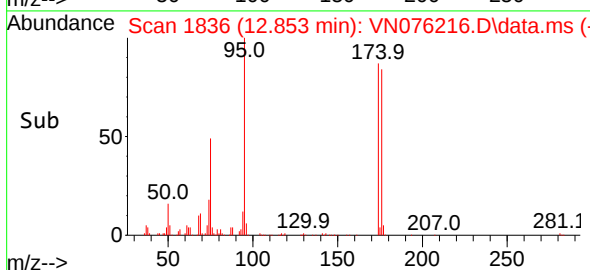
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

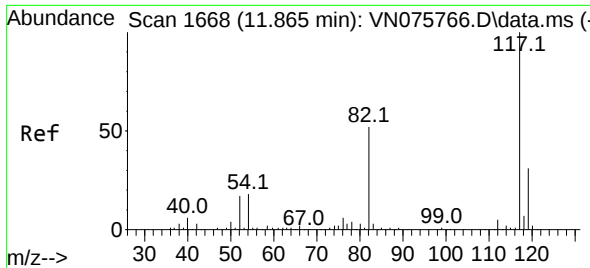


#62
4-Bromofluorobenzene
Concen: 49.524 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



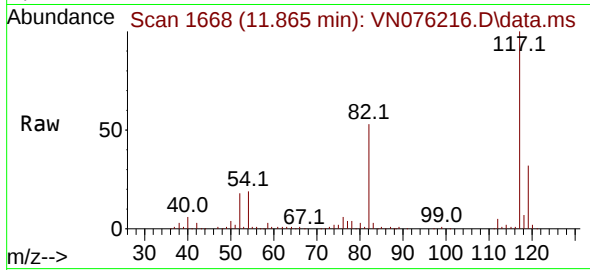
Tgt Ion: 95 Resp: 227217
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 84.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

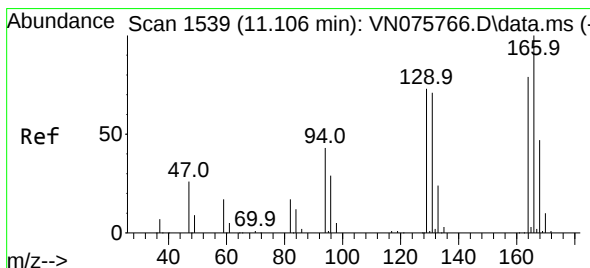
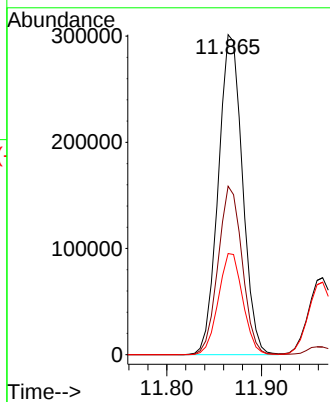
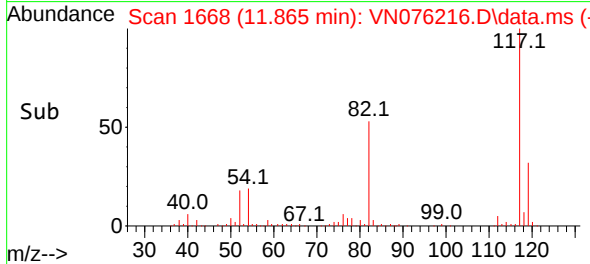
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 535609
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 31.6 24.6 37.0

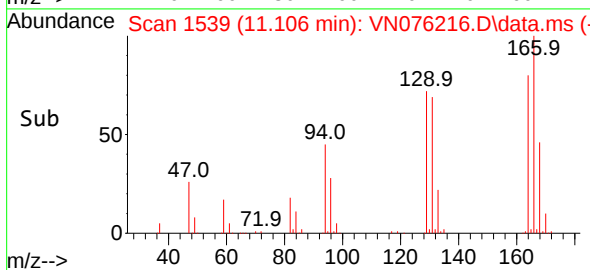
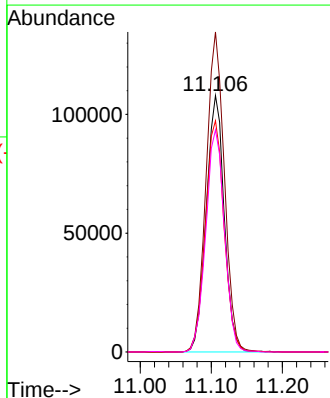
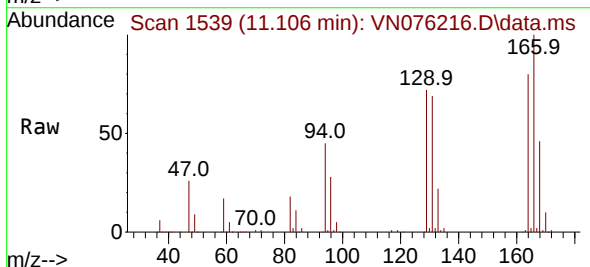
Manual Integrations
APPROVED

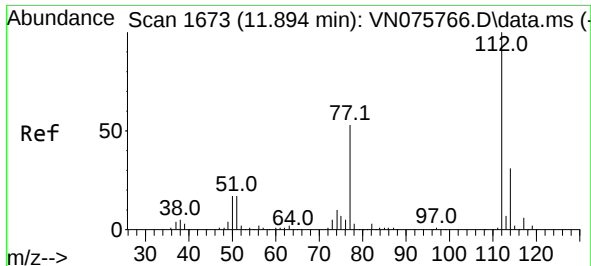
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#64
Tetrachloroethene
Concen: 50.628 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

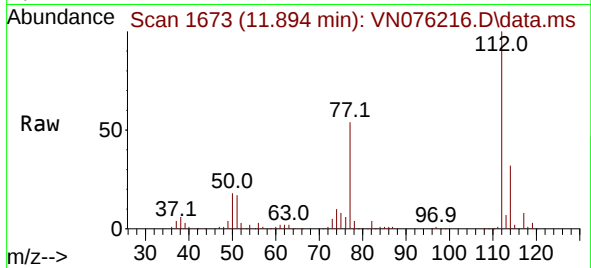
Tgt Ion:164 Resp: 190814
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 90.2 74.2 111.2
131 86.6 72.4 108.6





#65
Chlorobenzene
Concen: 46.236 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

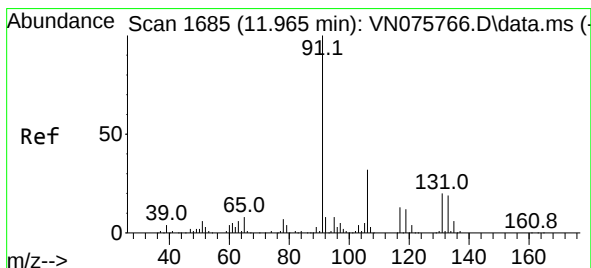
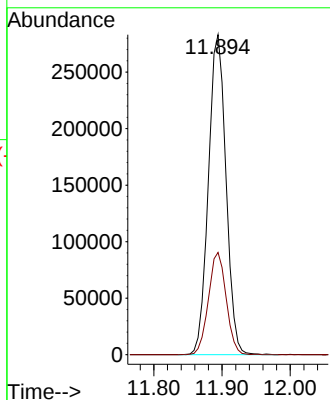
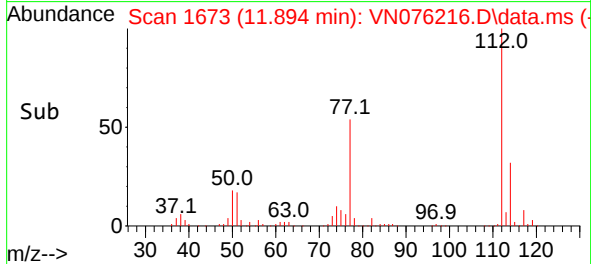
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



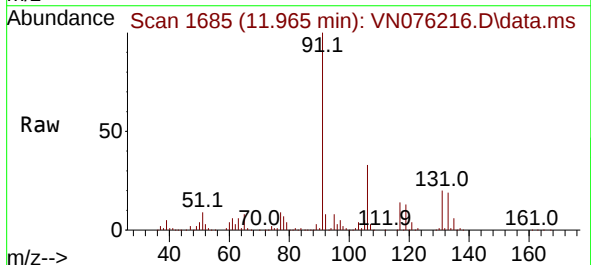
Tgt Ion:112 Resp: 508285
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

Manual Integrations
APPROVED

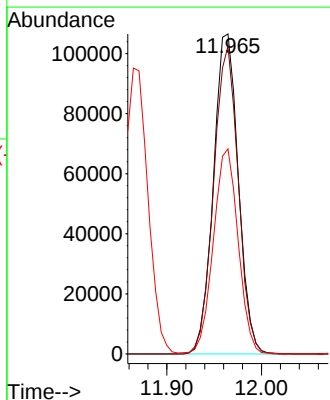
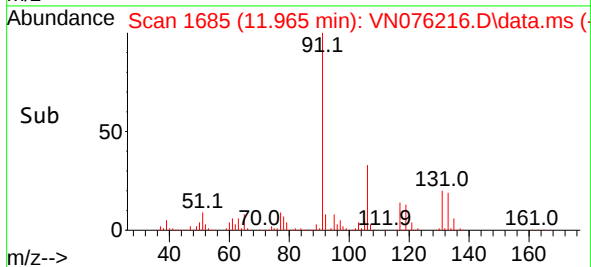
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

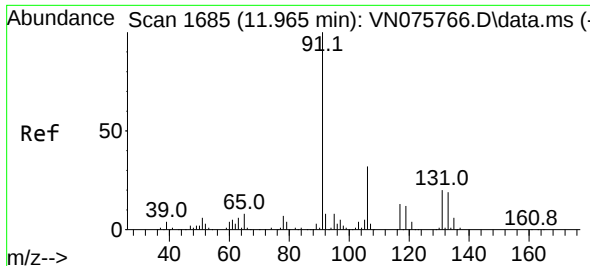


#66
1,1,1,2-Tetrachloroethane
Concen: 47.817 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



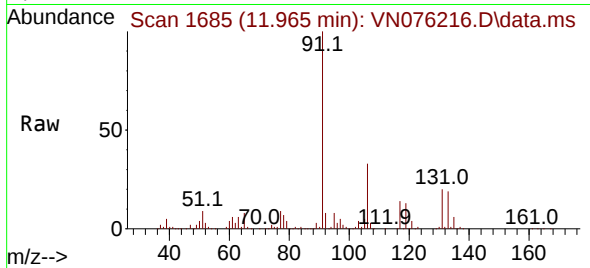
Tgt Ion:131 Resp: 194706
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 64.0 31.9 95.7





#67
Ethyl Benzene
Concen: 49.129 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

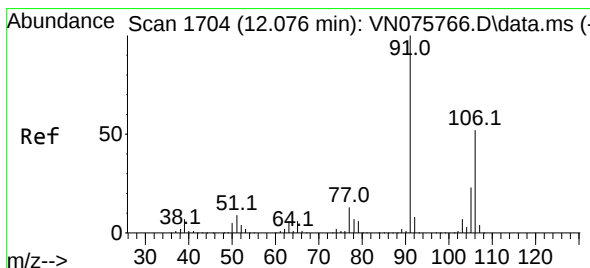
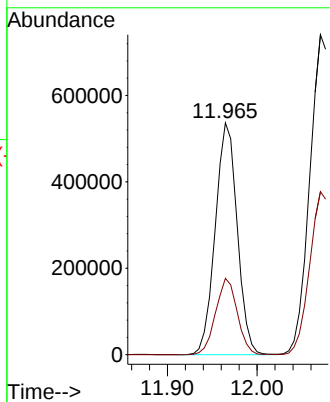
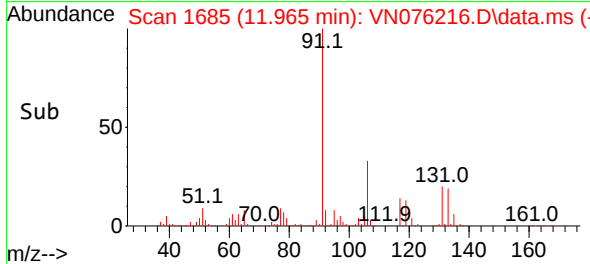
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



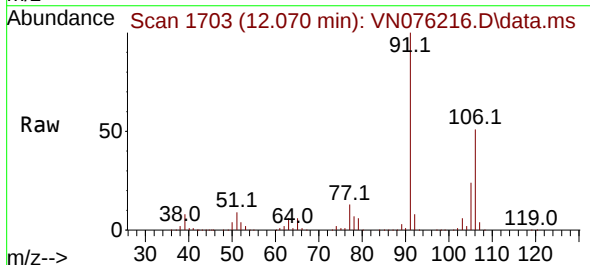
Tgt Ion: 91 Resp: 911532
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5

Manual Integrations
APPROVED

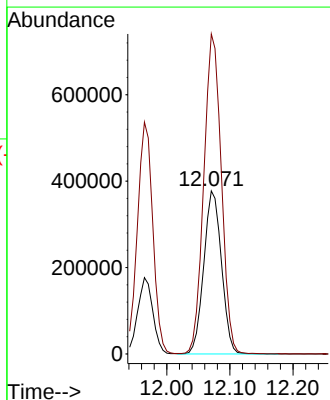
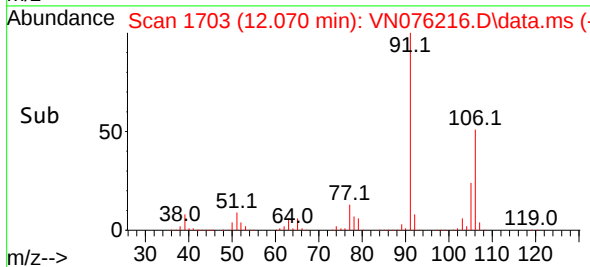
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

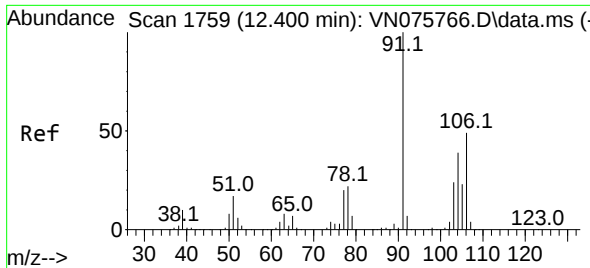


#68
m/p-Xylenes
Concen: 99.748 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



Tgt Ion:106 Resp: 732508
Ion Ratio Lower Upper
106 100
91 194.4 156.6 235.0





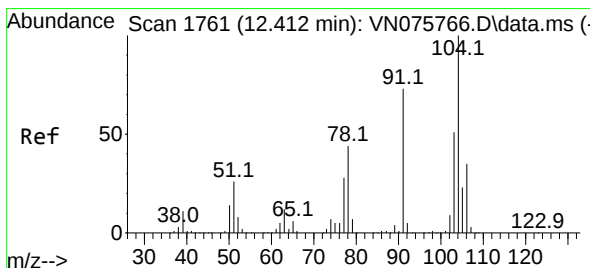
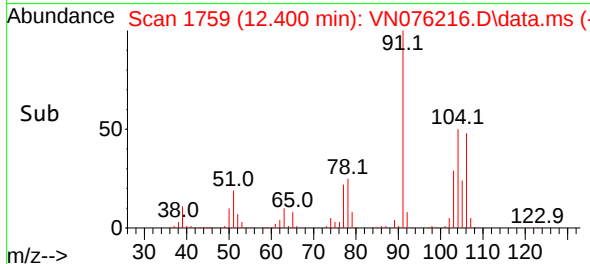
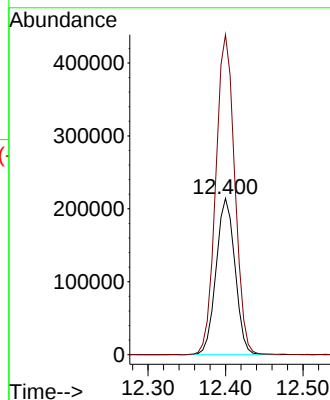
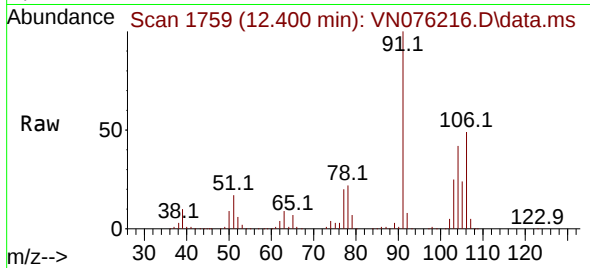
#69
o-Xylene
Concen: 49.886 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 36253
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.6

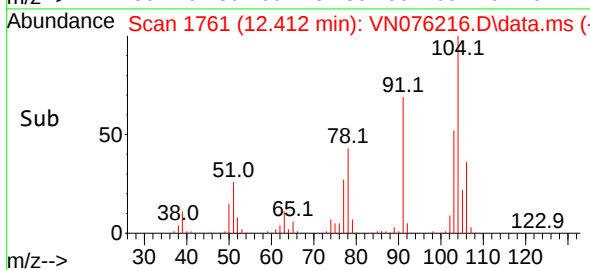
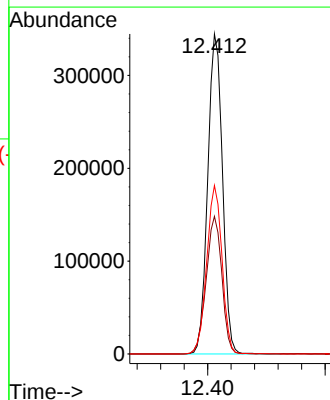
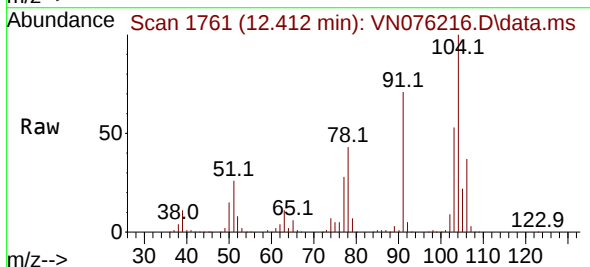
Manual Integrations
APPROVED

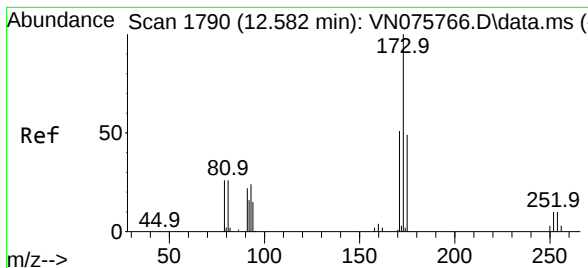
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#70
Styrene
Concen: 51.803 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

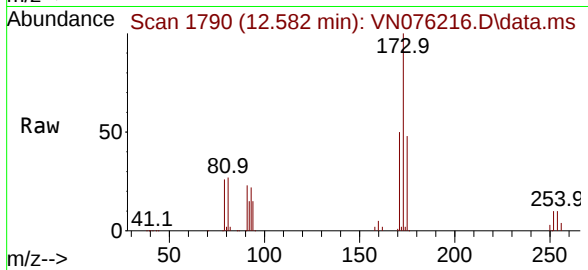
Tgt Ion:104 Resp: 598580
Ion Ratio Lower Upper
104 100
78 45.8 37.5 56.3
103 54.7 43.5 65.3





#71
Bromoform
Concen: 49.790 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

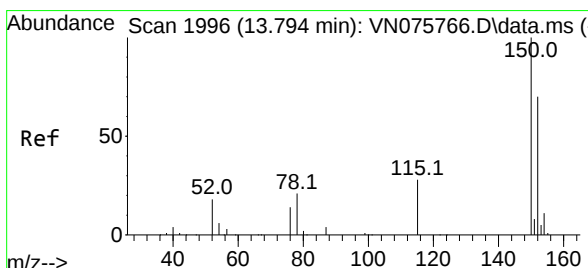
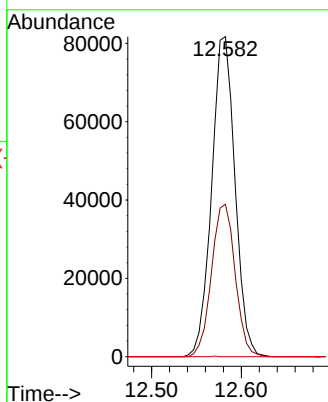
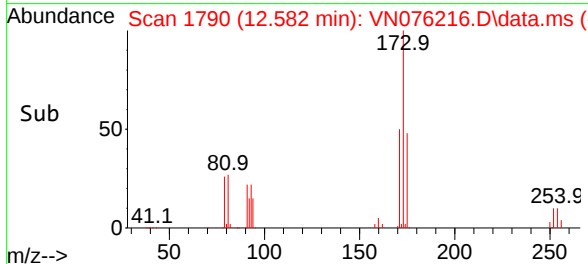
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



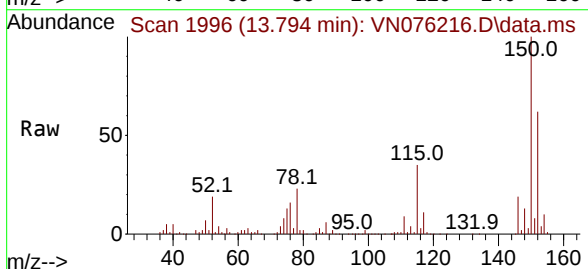
Tgt Ion:173 Resp: 147523
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

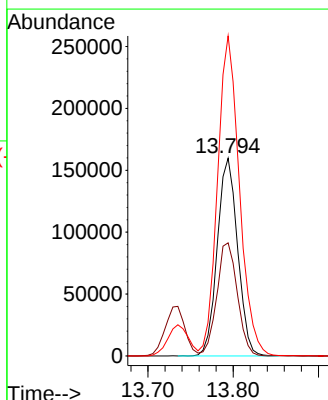
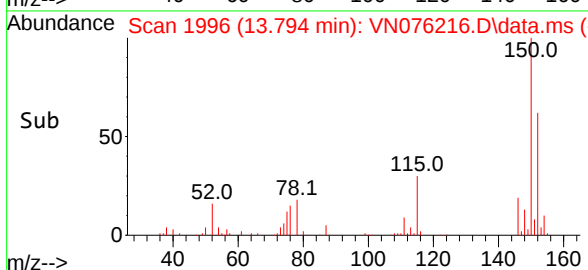
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

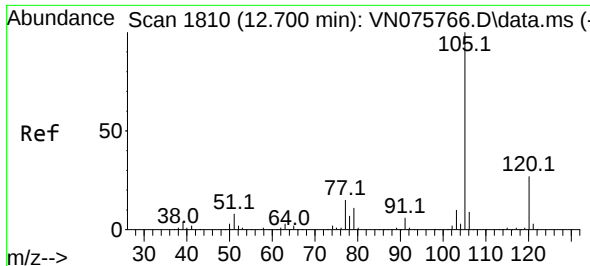


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



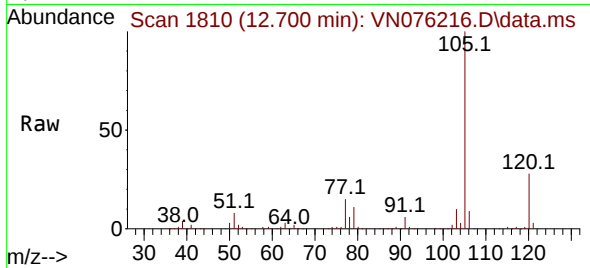
Tgt Ion:152 Resp: 265145
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 174.0 0.0 347.0





#73
Isopropylbenzene
Concen: 49.693 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

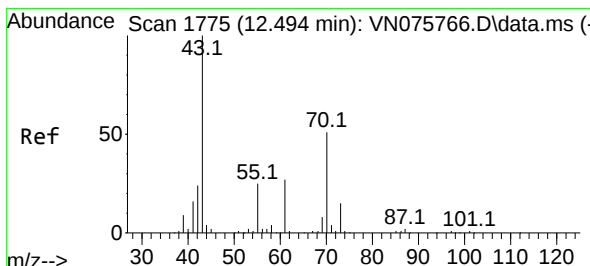
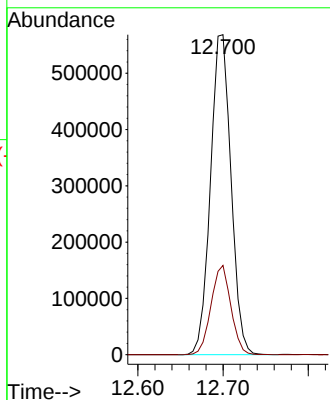
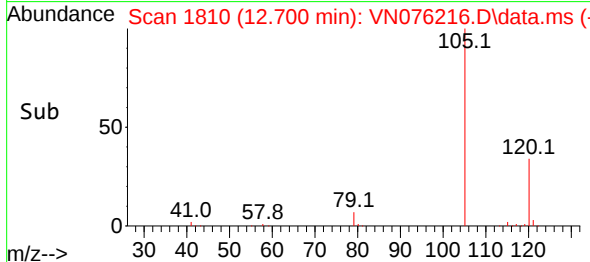
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



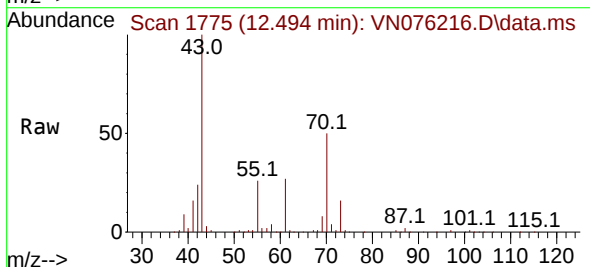
Tgt Ion:105 Resp: 952140
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations
APPROVED

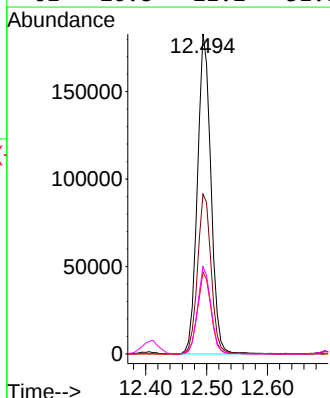
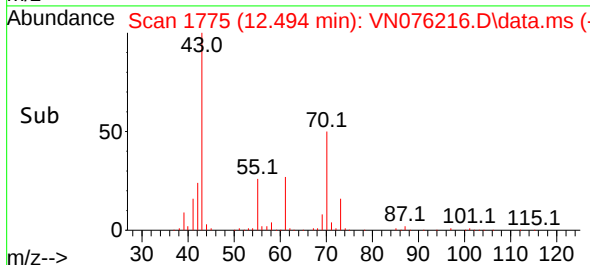
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

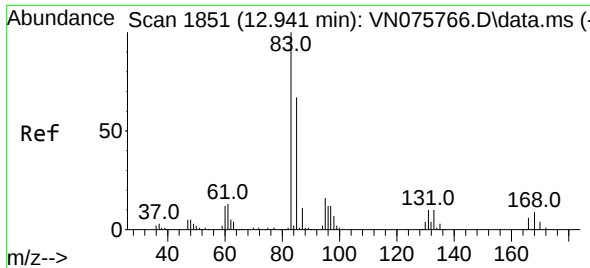


#74
N-ethyl acetate
Concen: 50.230 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



Tgt Ion: 43 Resp: 282344
Ion Ratio Lower Upper
43 100
70 50.4 41.4 62.0
55 25.6 21.3 31.9
61 26.8 21.2 31.8





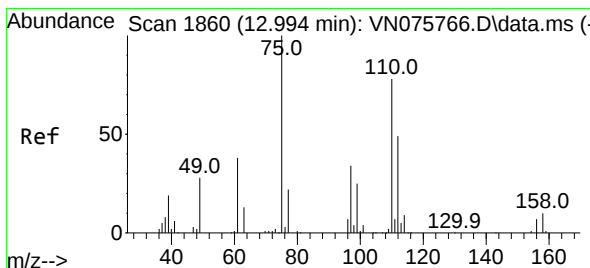
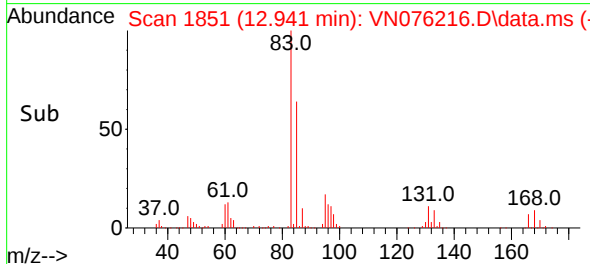
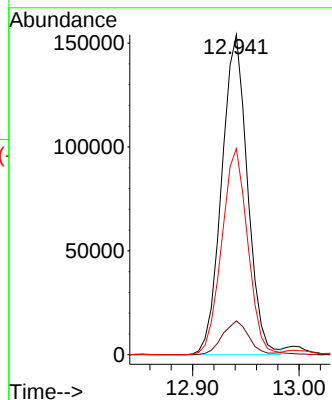
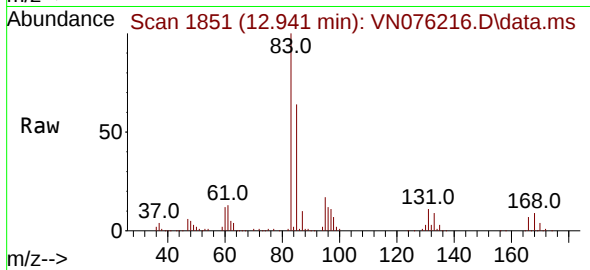
#75
1,1,2,2-Tetrachloroethane
Concen: 43.696 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 25882
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 64.8 32.6 98.0

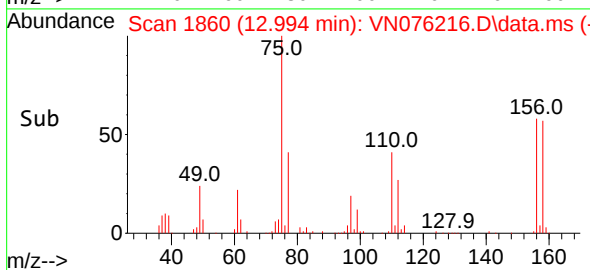
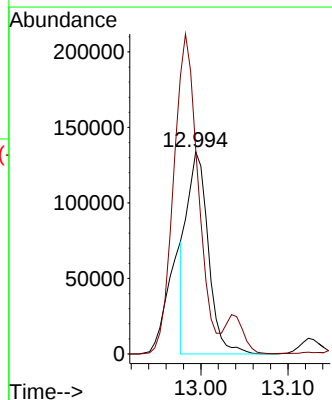
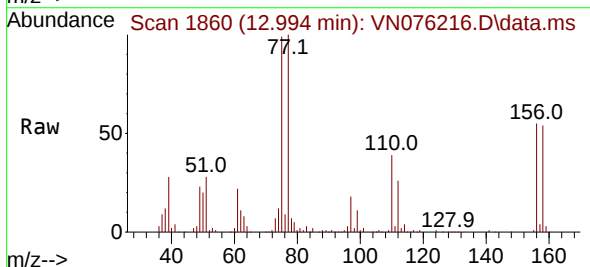
Manual Integrations
APPROVED

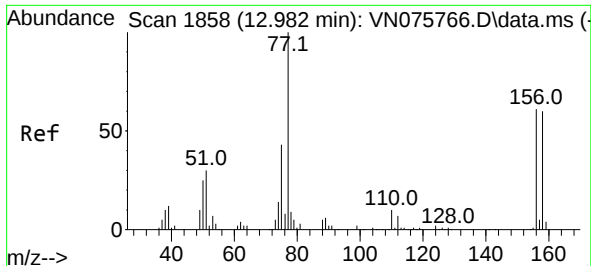
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#76
1,2,3-Trichloropropane
Concen: 42.968 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

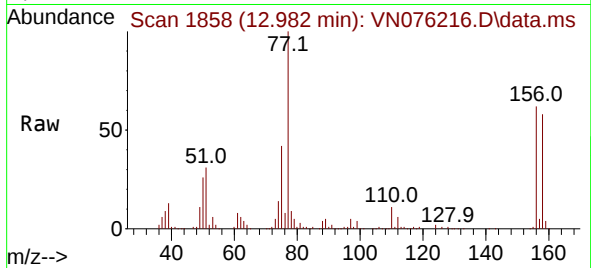
Tgt Ion: 75 Resp: 229651
Ion Ratio Lower Upper
75 100
77 180.8 82.6 247.8





#77
Bromobenzene
Concen: 46.839 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

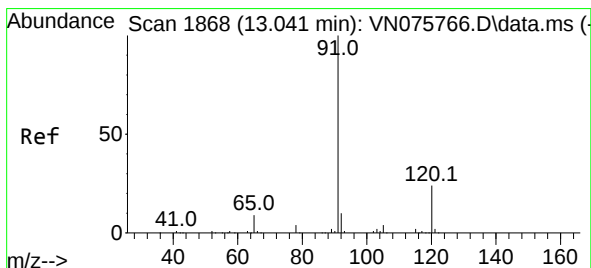
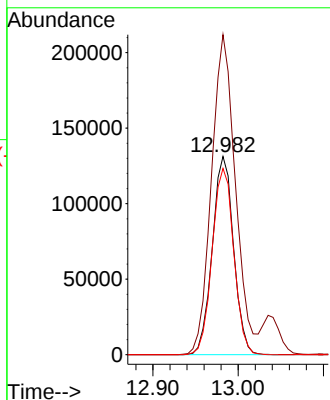
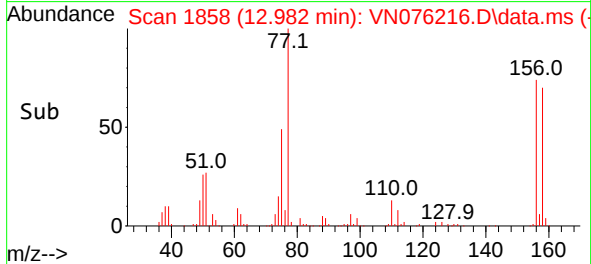
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 227127
Ion Ratio Lower Upper
156 100
77 182.8 93.8 281.3
158 95.5 48.9 146.6

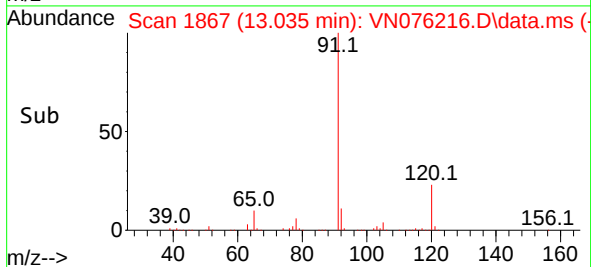
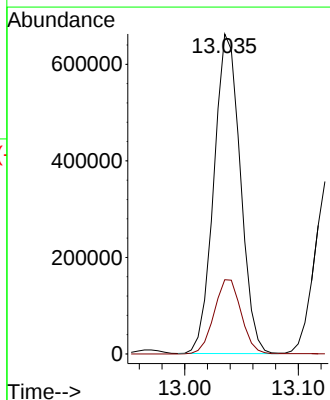
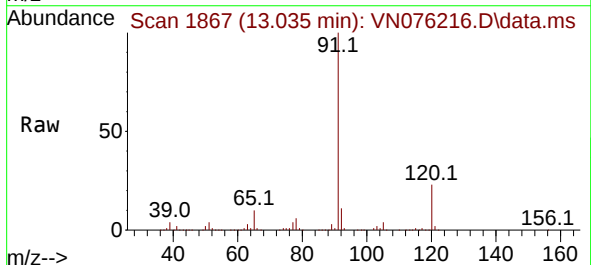
Manual Integrations
APPROVED

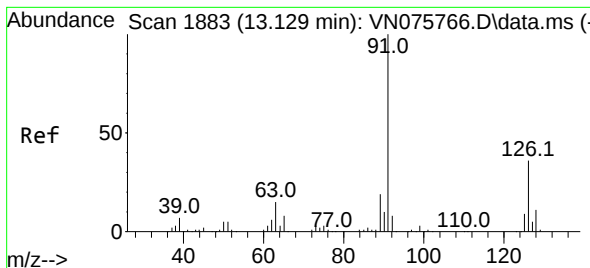
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#78
n-propylbenzene
Concen: 50.733 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 91 Resp: 1072143
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





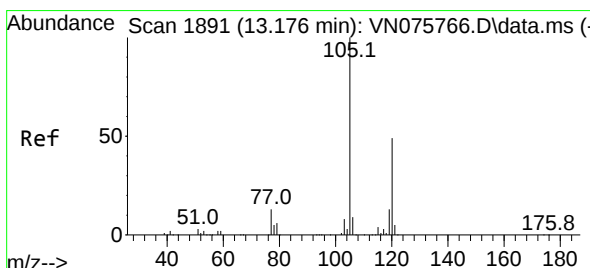
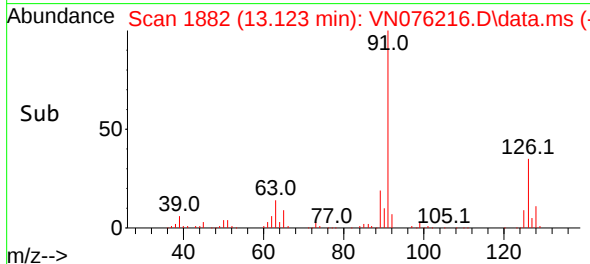
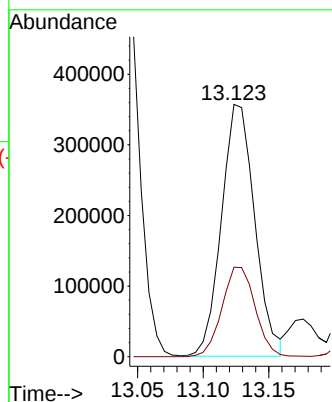
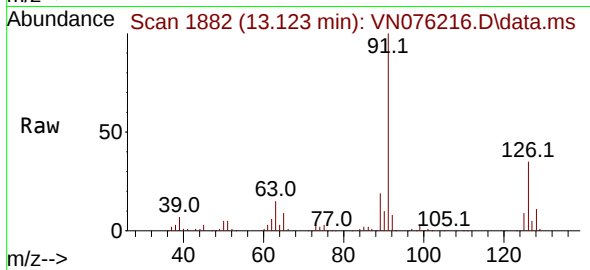
#79
2-Chlorotoluene
Concen: 47.784 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 630360
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

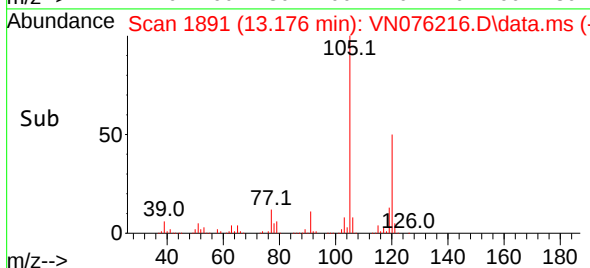
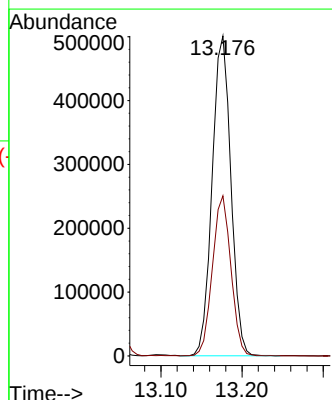
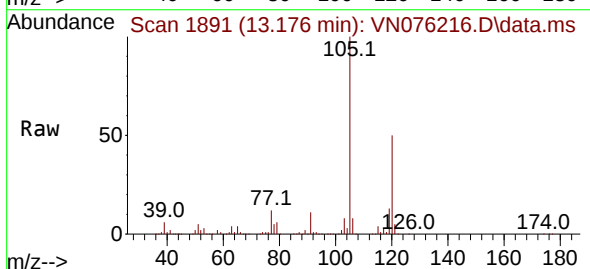
Manual Integrations
APPROVED

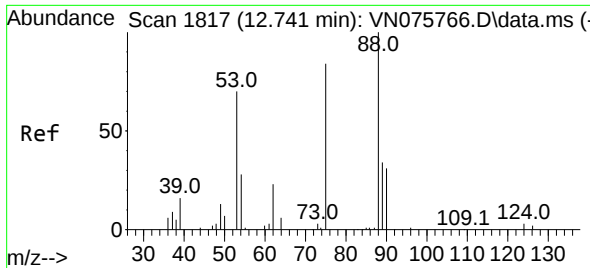
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.988 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:105 Resp: 801620
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





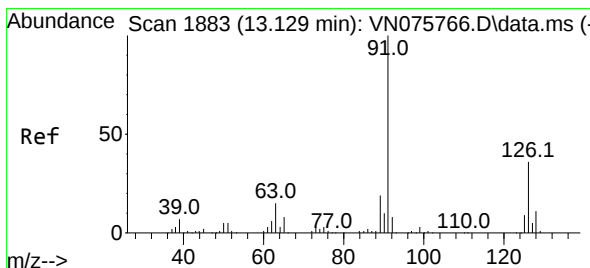
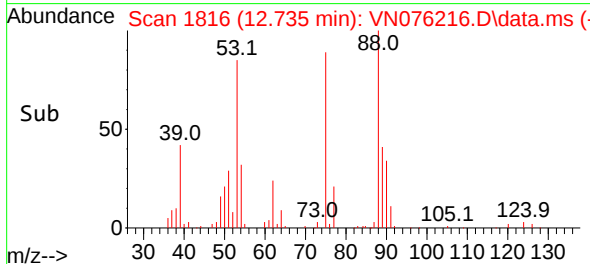
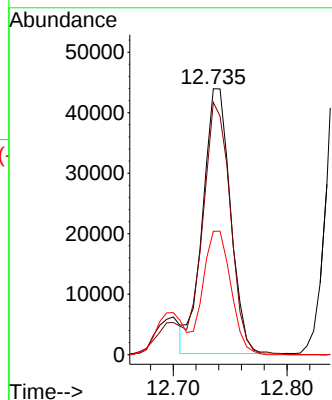
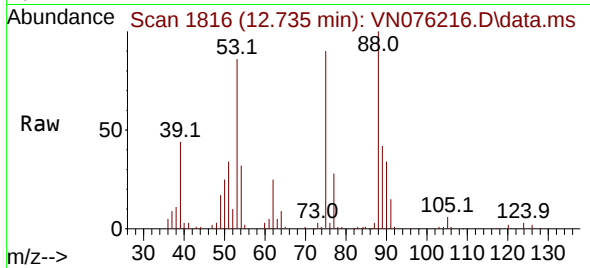
#81
trans-1,4-Dichloro-2-butene
Concen: 49.919 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7412
Ion Ratio Lower Upper
75 100
53 106.8 73.8 110.6
89 47.4 39.5 59.3

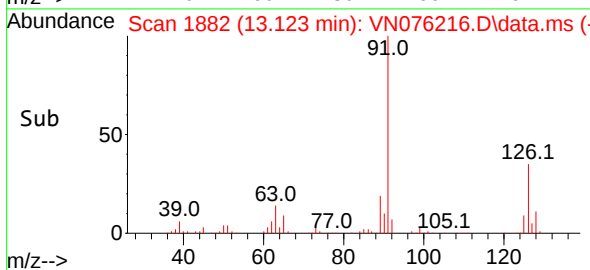
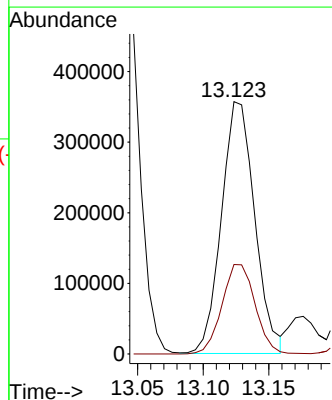
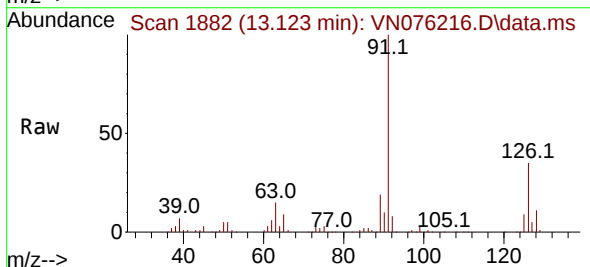
Manual Integrations
APPROVED

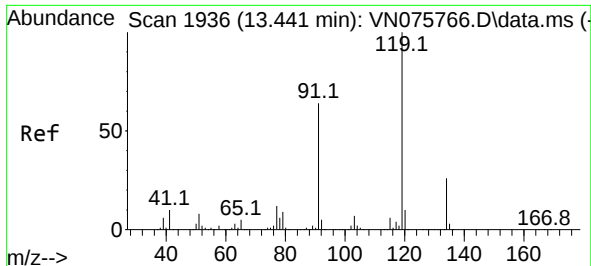
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#82
4-Chlorotoluene
Concen: 47.784 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 91 Resp: 630360
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





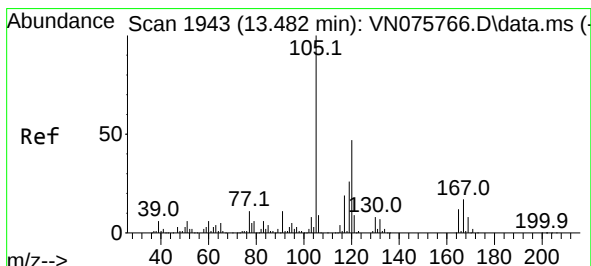
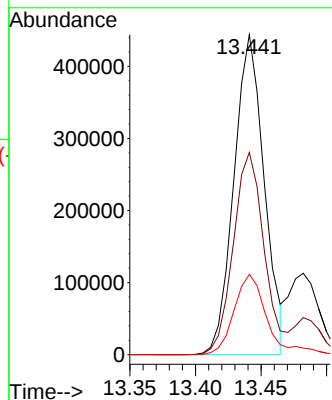
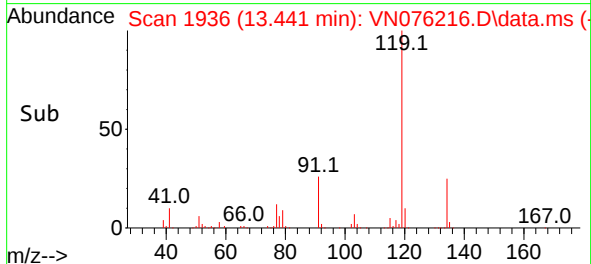
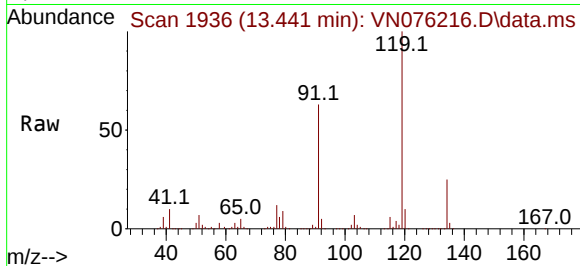
#83
tert-Butylbenzene
Concen: 50.528 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 71440
Ion Ratio Lower Upper
119 100
91 64.8 31.9 95.5
134 27.2 13.8 41.4

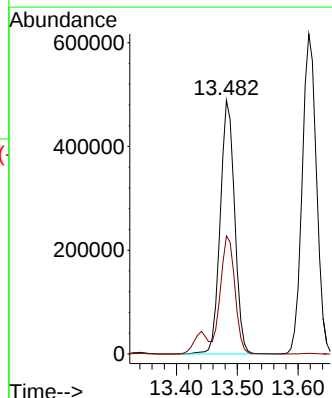
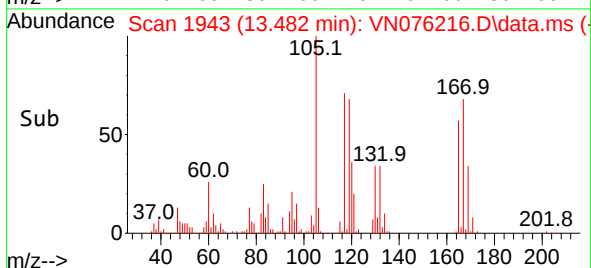
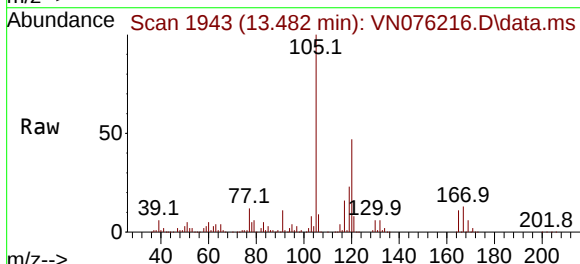
Manual Integrations
APPROVED

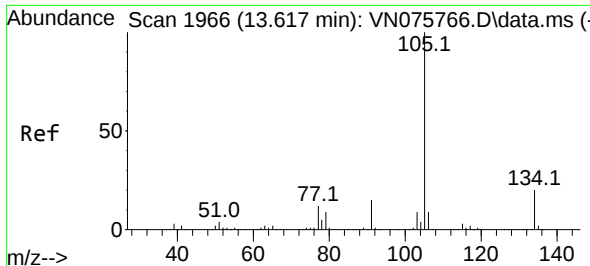
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.475 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:105 Resp: 802999
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





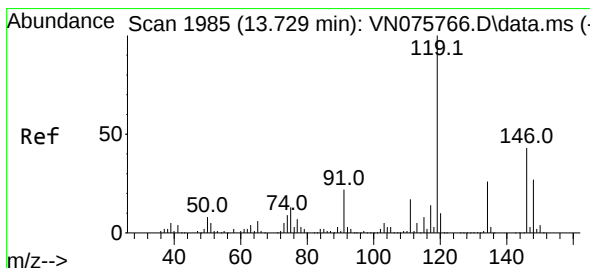
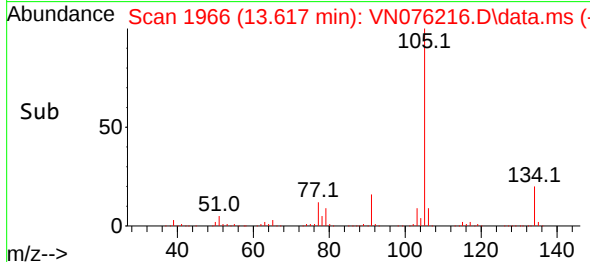
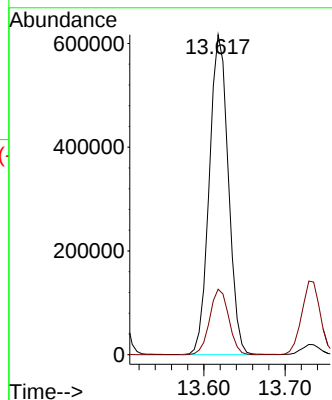
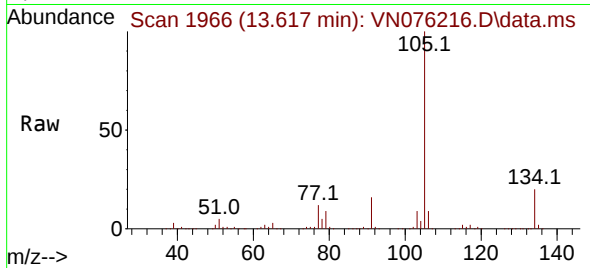
#85
 sec-Butylbenzene
 Concen: 51.413 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1003319
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

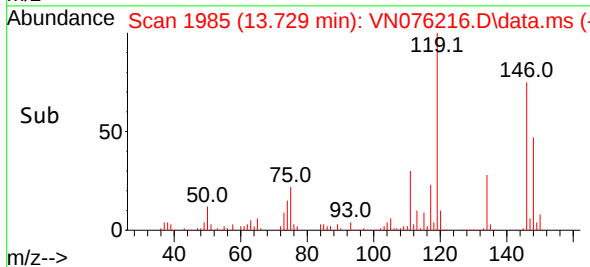
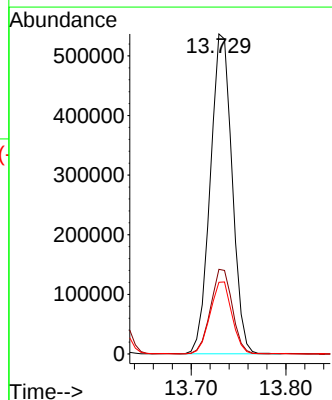
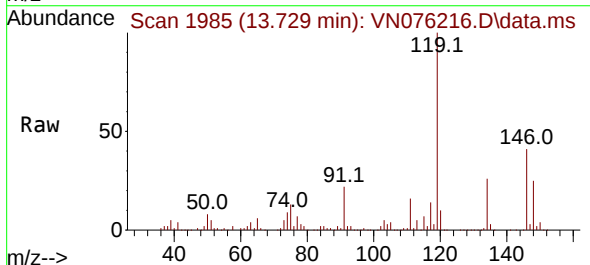
Manual Integrations
 APPROVED

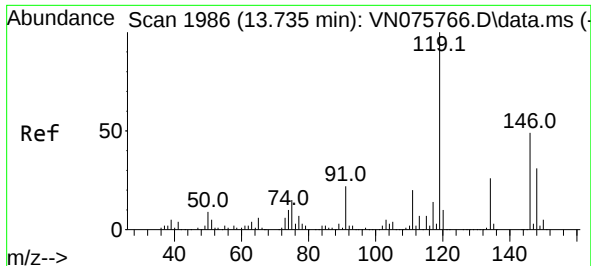
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#86
 p-Isopropyltoluene
 Concen: 52.741 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

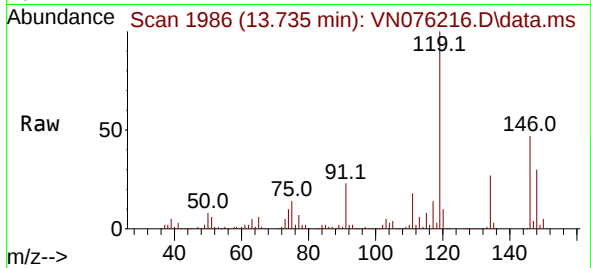
Tgt Ion:119 Resp: 856417
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.5 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 47.500 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

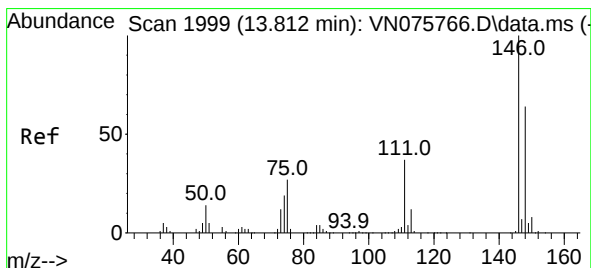
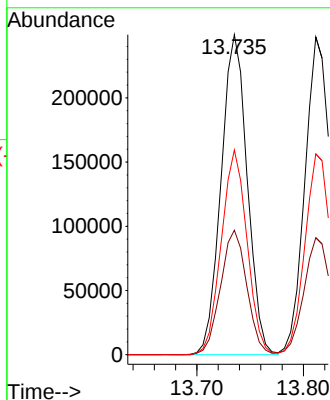
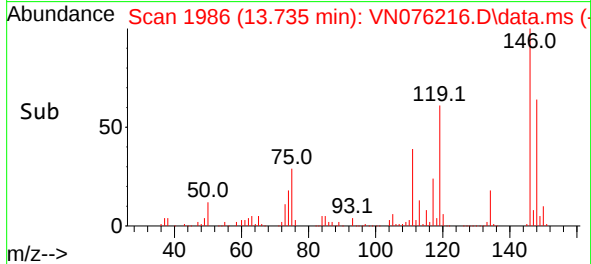
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



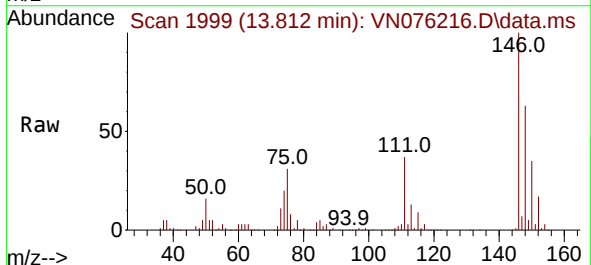
Tgt Ion:146 Resp: 425468
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 62.9 31.4 94.2

Manual Integrations
APPROVED

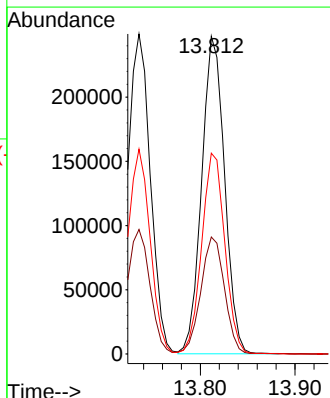
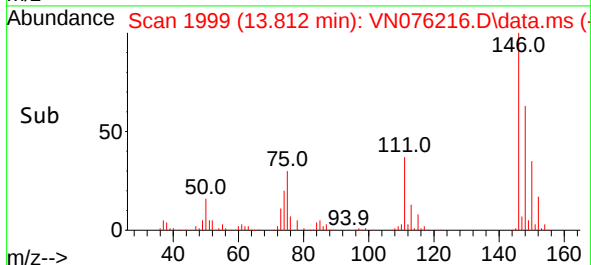
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

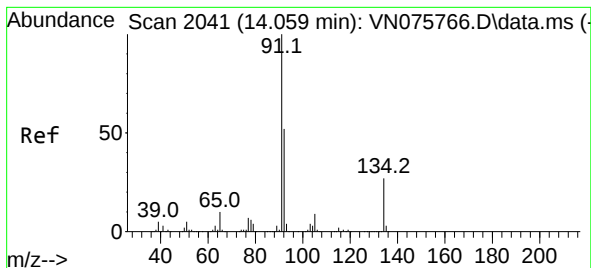


#88
1,4-Dichlorobenzene
Concen: 45.510 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23



Tgt Ion:146 Resp: 416431
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 51.949 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 683400

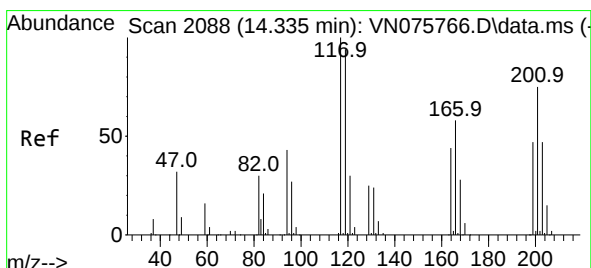
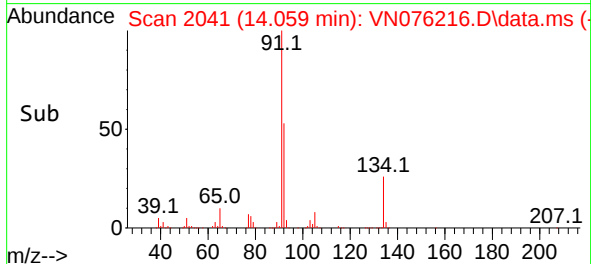
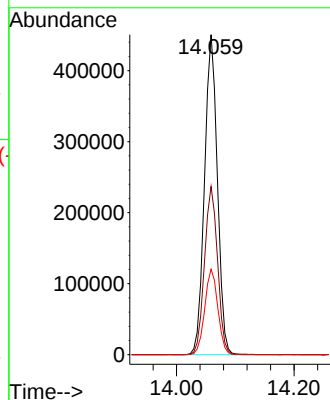
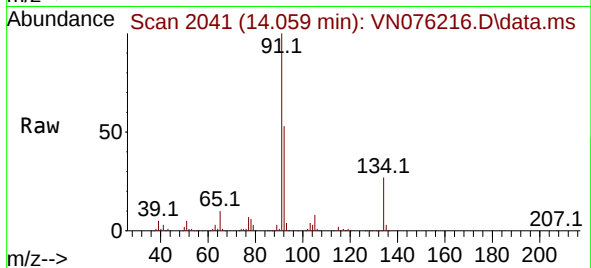
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	27.1	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#90

Hexachloroethane

Concen: 48.023 ug/l

RT: 14.335 min Scan# 2088

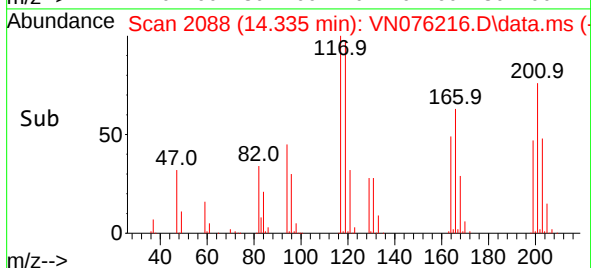
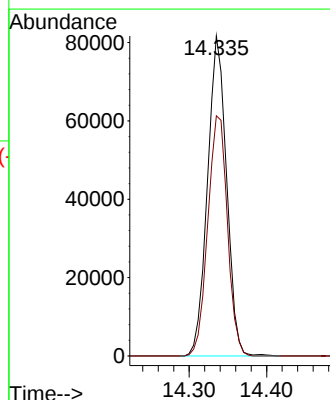
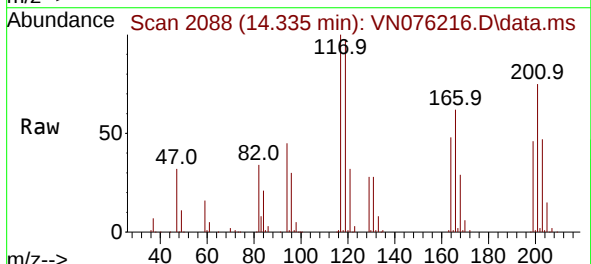
Delta R.T. -0.000 min

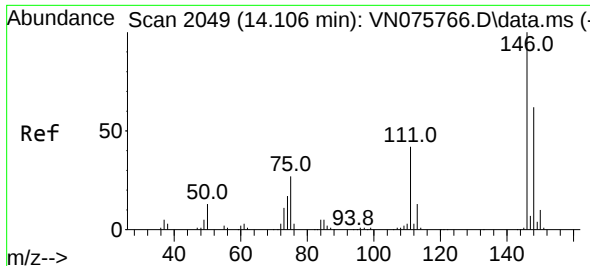
Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Tgt Ion:117 Resp: 139492

Ion	Ratio	Lower	Upper
117	100		
201	77.2	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 47.560 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 419610

Ion Ratio Lower Upper

146 100

111 39.6 20.3 61.0

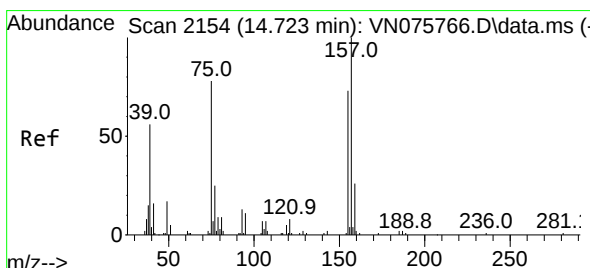
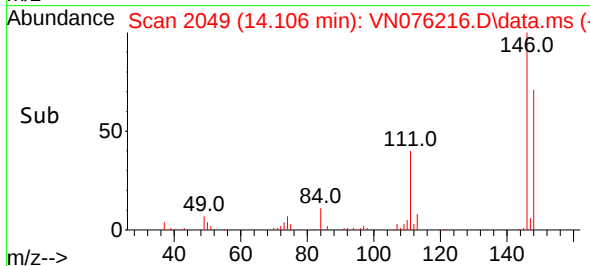
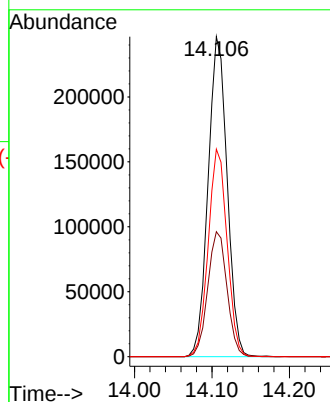
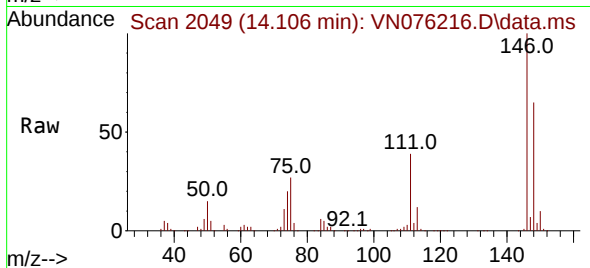
148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.856 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

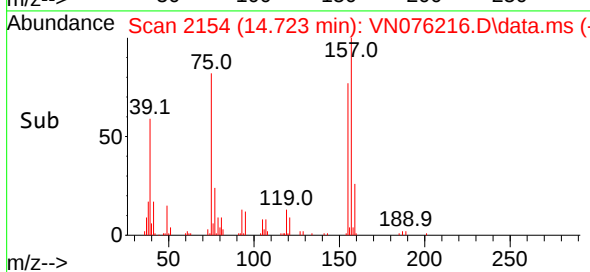
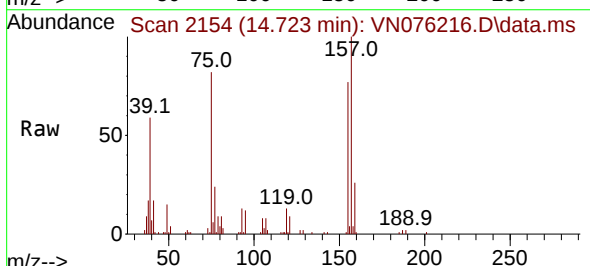
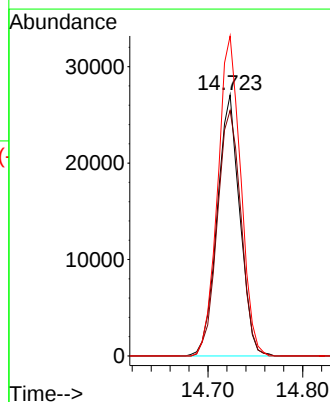
Tgt Ion: 75 Resp: 45043

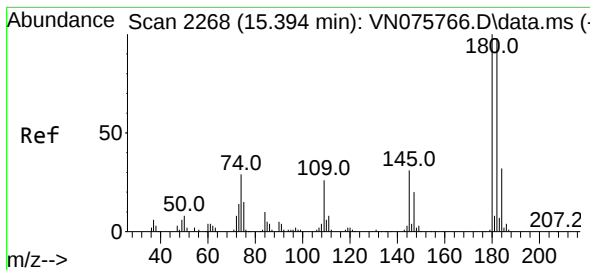
Ion Ratio Lower Upper

75 100

155 97.8 49.3 147.8

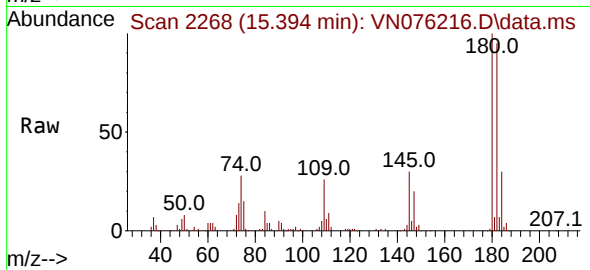
157 123.9 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 48.511 ug/l
RT: 15.394 min Scan# 211894
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

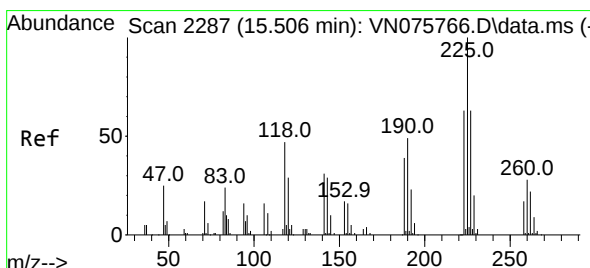
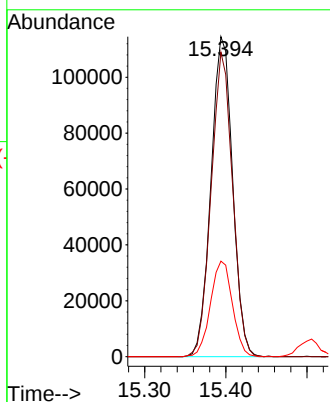
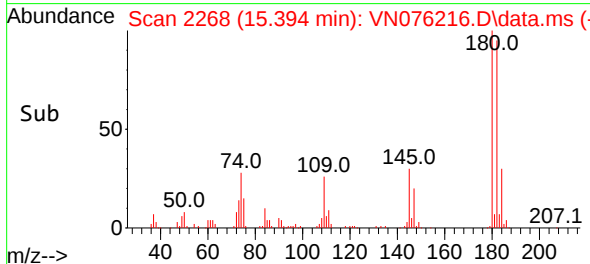
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 211894
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 30.3 15.3 45.8

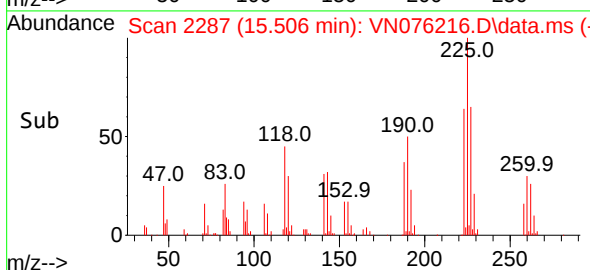
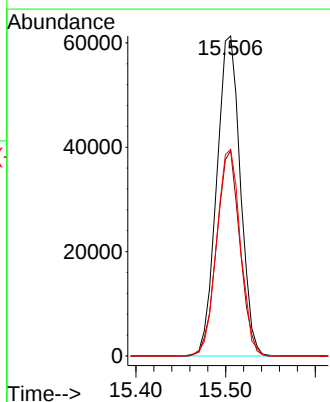
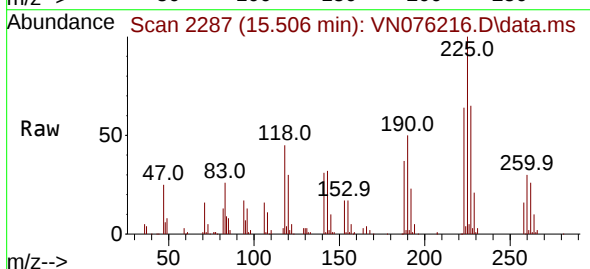
Manual Integrations
APPROVED

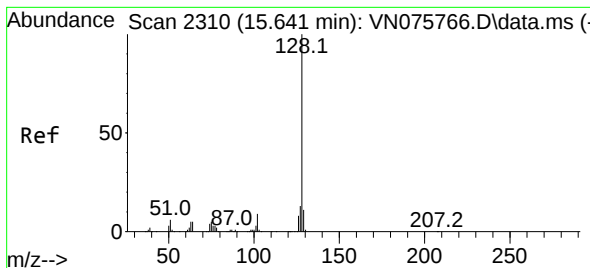
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#94
Hexachlorobutadiene
Concen: 47.031 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:225 Resp: 112080
Ion Ratio Lower Upper
225 100
223 63.1 31.5 94.5
227 64.9 31.6 95.0





#95

Naphthalene

Concen: 43.057 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

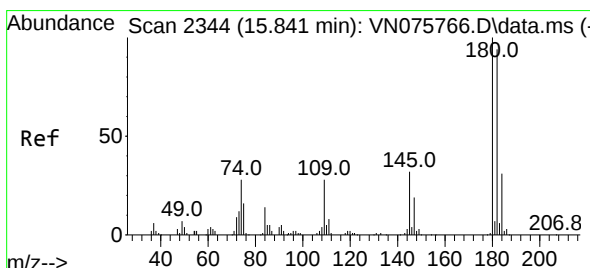
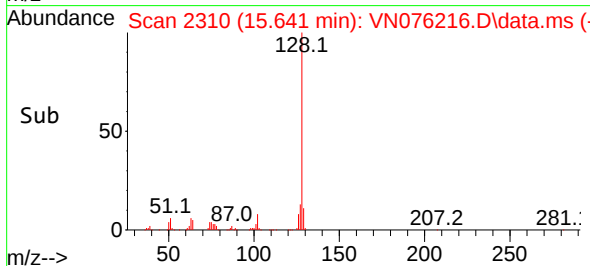
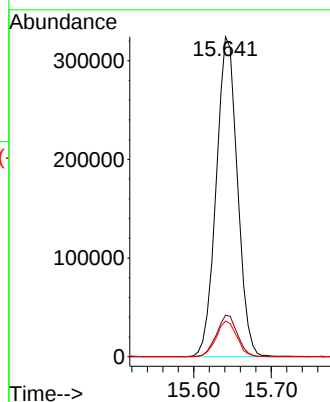
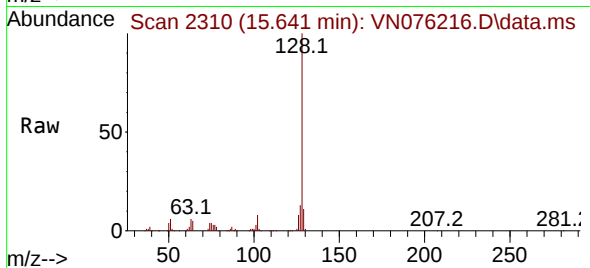
Tgt Ion:128 Resp: 616752
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.653 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Tgt Ion:180 Resp: 202710
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.0 141.0
 145 32.1 16.0 47.9

