

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074916.D
 Acq On : 17 Oct 2022 14:39
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 17 15:36:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 15:32:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	300858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	542760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	563534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	40473	5.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.380%#		
35) Dibromofluoromethane	8.177	113	29452	4.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.680%#		
50) Toluene-d8	10.571	98	119488	4.723	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.440%#		
62) 4-Bromofluorobenzene	12.853	95	33031	4.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	30094	5.485	ug/l	96
3) Chloromethane	2.389	50	49021	5.219	ug/l	89
4) Vinyl Chloride	2.536	62	71239	5.555	ug/l	95
5) Bromomethane	2.930	94	68914	7.478	ug/l	82
6) Chloroethane	3.112	64	53154	5.518	ug/l	96
7) Trichlorofluoromethane	3.506	101	49586	5.827	ug/l	89
8) Diethyl Ether	3.995	74	20483	5.428	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	28741	5.630	ug/l	90
10) Methyl Iodide	4.600	142	36090	5.175	ug/l	98
11) Tert butyl alcohol	5.565	59	46182	26.567	ug/l #	80
12) 1,1-Dichloroethene	4.359	96	28232	5.566	ug/l	98
13) Acrolein	4.206	56	46281	27.312	ug/l	100
14) Allyl chloride	5.036	41	53982m	5.735	ug/l	
15) Acrylonitrile	5.747	53	123363	27.203	ug/l	96
16) Acetone	4.459	43	96707	25.115	ug/l #	87
17) Carbon Disulfide	4.724	76	77000	5.920	ug/l #	89
18) Methyl Acetate	5.053	43	81379	5.153	ug/l #	80
19) Methyl tert-butyl Ether	5.824	73	108119	5.391	ug/l #	87
20) Methylene Chloride	5.295	84	42423	5.969	ug/l #	89
21) trans-1,2-Dichloroethene	5.795	96	31094	5.506	ug/l #	61
22) Diisopropyl ether	6.689	45	115177	5.149	ug/l	98
23) Vinyl Acetate	6.624	43	417923	26.559	ug/l #	94
24) 1,1-Dichloroethane	6.589	63	62180	5.280	ug/l #	94
25) 2-Butanone	7.506	43	168501	27.457	ug/l #	81
26) 2,2-Dichloropropane	7.489	77	53521	5.803	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	40409	5.698	ug/l	93
28) Bromochloromethane	7.824	49	23504	4.192	ug/l	90
29) Tetrahydrofuran	7.853	42	109228	26.493	ug/l	99
30) Chloroform	7.977	83	62557	5.415	ug/l	92
31) Cyclohexane	8.265	56	59558	5.678	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	57732	5.771	ug/l #	84
36) 1,1-Dichloropropene	8.383	75	44892	5.601	ug/l	98
37) Ethyl Acetate	7.571	43	52618	4.397	ug/l #	90
38) Carbon Tetrachloride	8.371	117	41466	5.157	ug/l	98
39) Methylcyclohexane	9.606	83	55614	5.833	ug/l	89
40) Benzene	8.612	78	141321	5.253	ug/l #	86

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	33869	5.306	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	48150	5.107	ug/l	98
43) Isopropyl Acetate	8.694	43	100374	5.161	ug/l	99
44) Trichloroethene	9.359	130	28739	4.918	ug/l	100
45) 1,2-Dichloropropane	9.630	63	41967	5.761	ug/l	93
46) Dibromomethane	9.712	93	25209	5.382	ug/l	96
47) Bromodichloromethane	9.894	83	45905	4.932	ug/l	93
48) Methyl methacrylate	9.606	41	47050	5.189	ug/l #	35
49) 1,4-Dioxane	9.700	88	16315	94.471	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	308036	24.440	ug/l	99
52) Toluene	10.635	92	87917	5.501	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	49380	4.983	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55130	5.187	ug/l #	93
55) 1,1,2-Trichloroethane	11.024	97	37540	5.398	ug/l	94
56) Ethyl methacrylate	10.877	69	55209	4.991	ug/l	98
57) 1,3-Dichloropropane	11.171	76	63315	5.156	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	104129	21.305	ug/l	93
59) 2-Hexanone	11.200	43	238626	25.422	ug/l	98
60) Dibromochloromethane	11.365	129	33124	5.154	ug/l	95
61) 1,2-Dibromoethane	11.471	107	36004	5.454	ug/l	92
64) Tetrachloroethene	11.100	164	23574	5.664	ug/l	91
65) Chlorobenzene	11.894	112	93429	5.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	29470	5.248	ug/l	88
67) Ethyl Benzene	11.965	91	166699	5.680	ug/l	97
68) m/p-Xylenes	12.071	106	120150	11.056	ug/l	96
69) o-Xylene	12.406	106	61448	5.449	ug/l	99
70) Styrene	12.412	104	86768	4.877	ug/l	94
71) Bromoform	12.576	173	21971	5.264	ug/l #	92
73) Isopropylbenzene	12.700	105	144039	5.510	ug/l	96
74) N-amyl acetate	12.494	43	82856	5.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	58014	5.849	ug/l	93
76) 1,2,3-Trichloropropane	12.994	75	40348m	5.235	ug/l	
77) Bromobenzene	12.982	156	31892	5.908	ug/l	98
78) n-propylbenzene	13.035	91	162172	5.401	ug/l	99
79) 2-Chlorotoluene	13.123	91	106883	5.978	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	122320	5.881	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17997	5.936	ug/l	90
82) 4-Chlorotoluene	13.223	91	93190	5.780	ug/l	97
83) tert-Butylbenzene	13.441	119	109251	5.807	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	112432	5.685	ug/l	97
85) sec-Butylbenzene	13.618	105	145615	5.634	ug/l	99
86) p-Isopropyltoluene	13.729	119	105779	5.256	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	51001	5.340	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	54607	5.729	ug/l	92
89) n-Butylbenzene	14.059	91	85970	5.226	ug/l	97
90) Hexachloroethane	14.335	117	24082	5.850	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	52739	5.607	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8295	4.757	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	23415	5.331	ug/l	96
94) Hexachlorobutadiene	15.500	225	11958	5.606	ug/l	97
95) Naphthalene	15.641	128	100656	5.313	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	23681	5.095	ug/l	91

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

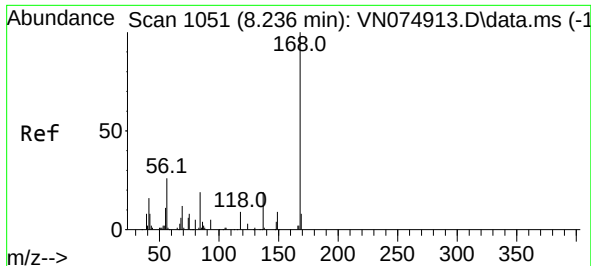
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Oct 17 15:32:32 2022
Response via : Initial Calibration

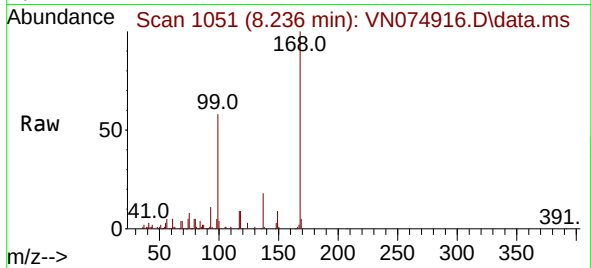
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
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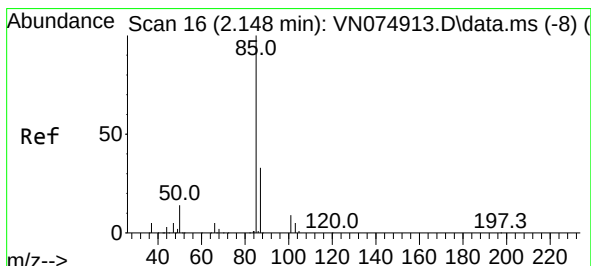
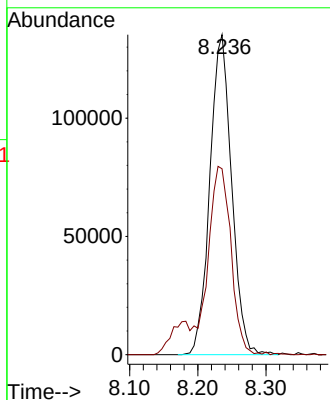
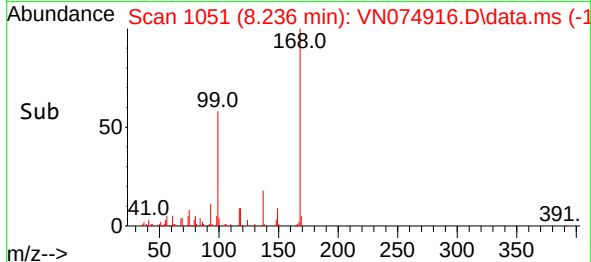
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 300858
Ion Ratio Lower Upper
168 100
99 57.7 47.6 71.4

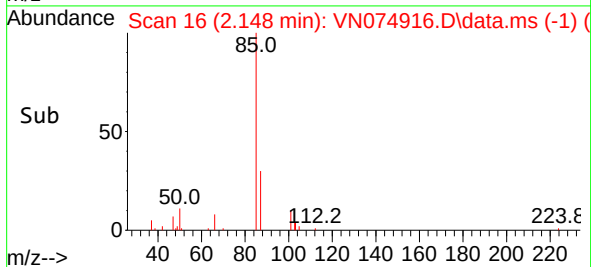
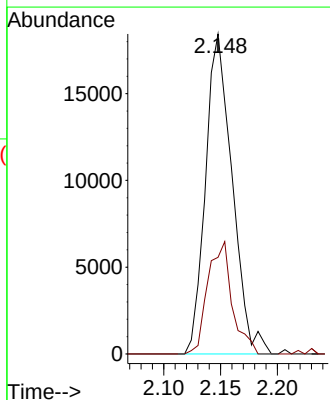
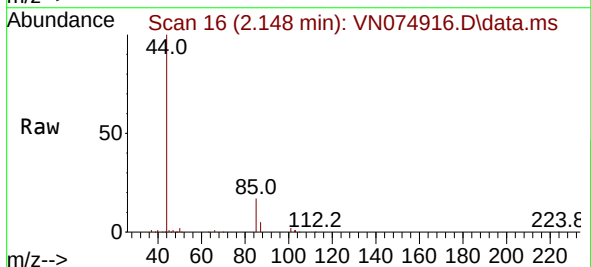
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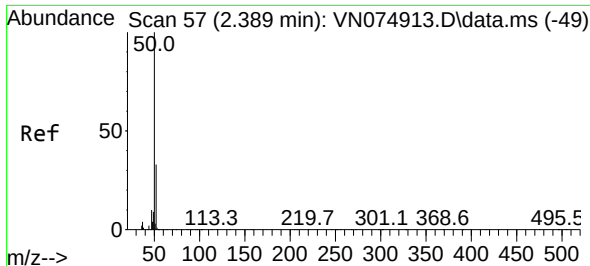
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 5.485 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

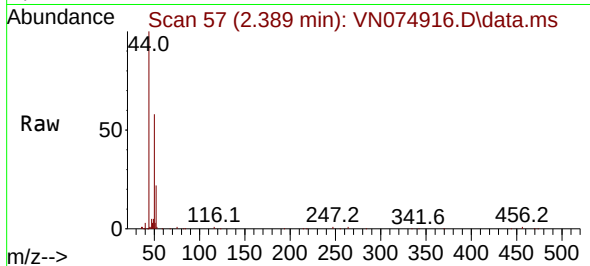
Tgt Ion: 85 Resp: 30094
Ion Ratio Lower Upper
85 100
87 30.2 16.4 49.1





#3
Chloromethane
Concen: 5.219 ug/l
RT: 2.389 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

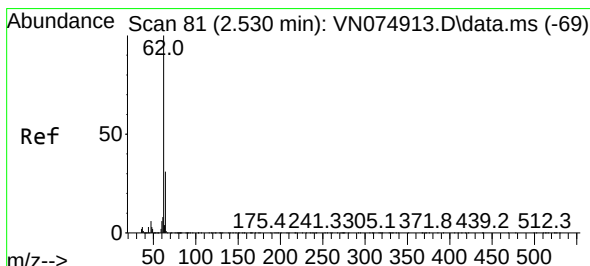
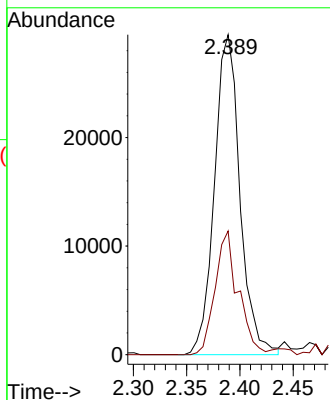
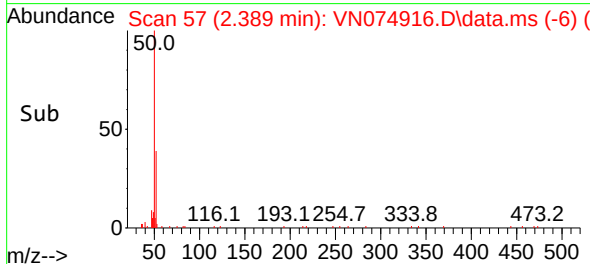
Instrument :
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ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 4902
Ion Ratio Lower Upper
50 100
52 38.6 26.1 39.1

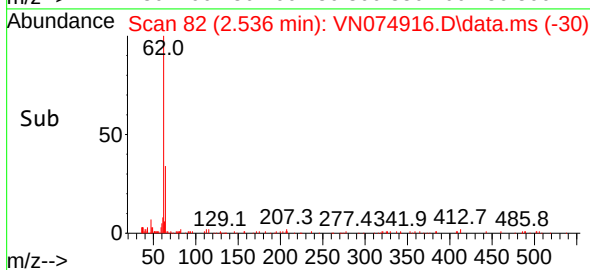
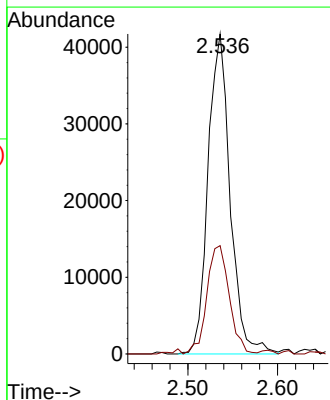
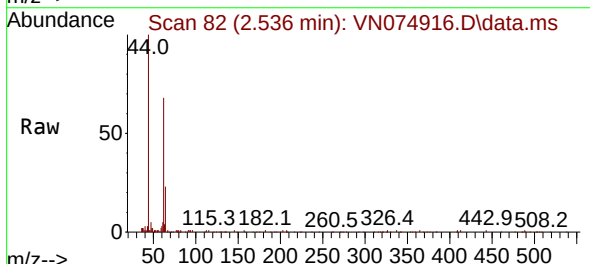
Manual Integrations
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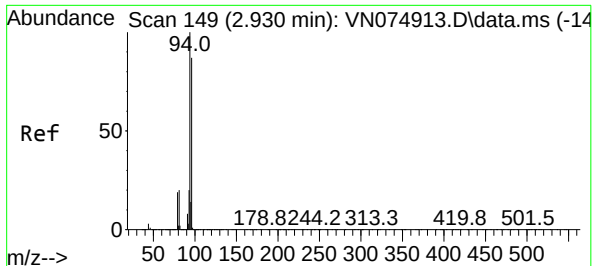
Reviewed By :John Carlone 10/18/2022
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#4
Vinyl Chloride
Concen: 5.555 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

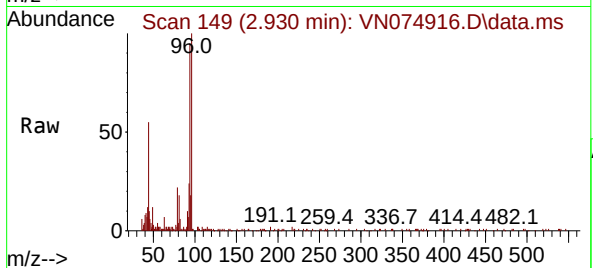
Tgt Ion: 62 Resp: 71239
Ion Ratio Lower Upper
62 100
64 33.8 24.8 37.2





#5
Bromomethane
Concen: 7.478 ug/l
RT: 2.930 min Scan# 149
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

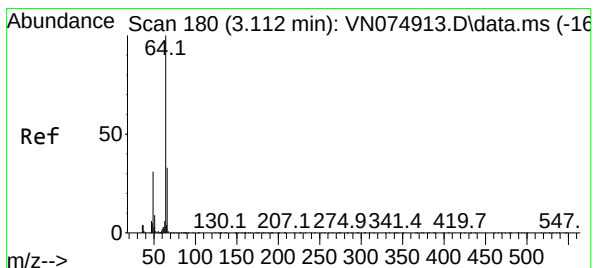
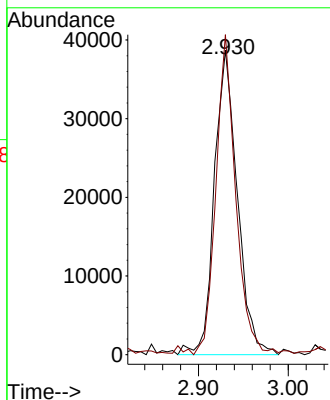
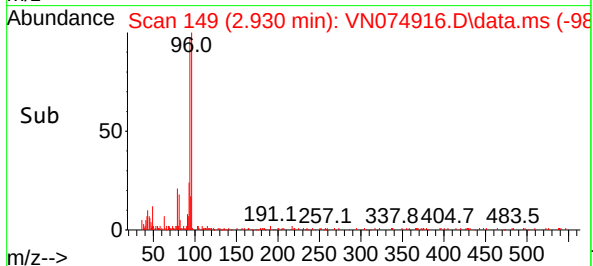
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



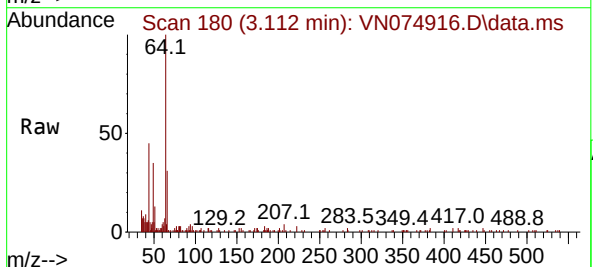
Tgt Ion: 94 Resp: 68914
Ion Ratio Lower Upper
94 100
96 104.3 70.0 105.0

Manual Integrations
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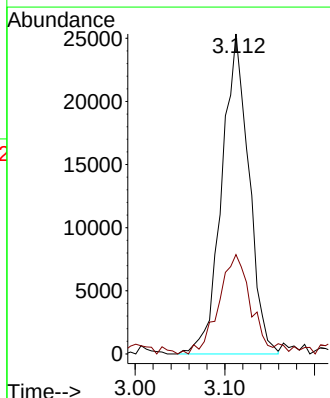
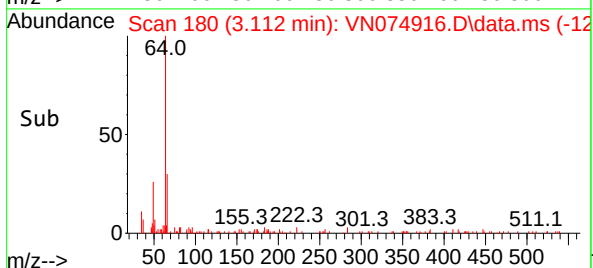
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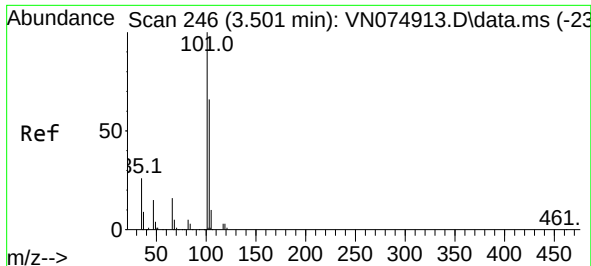


#6
Chloroethane
Concen: 5.518 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion: 64 Resp: 53154
Ion Ratio Lower Upper
64 100
66 31.0 26.8 40.2





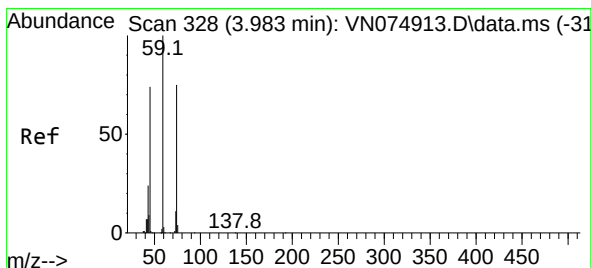
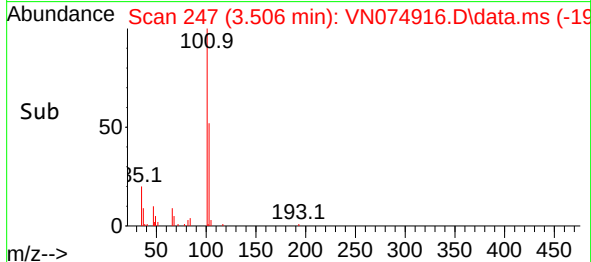
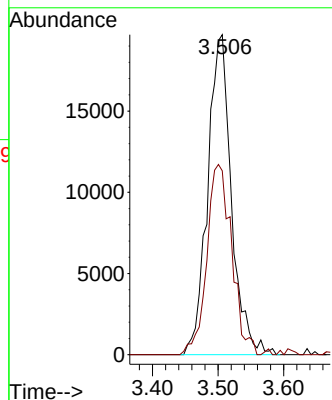
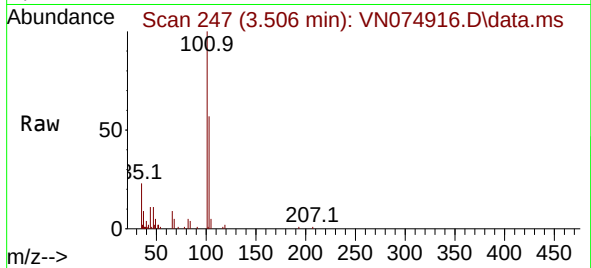
#7
 Trichlorofluoromethane
 Concen: 5.827 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 49580
 Ion Ratio Lower Upper
 101 100
 103 57.4 52.9 79.3

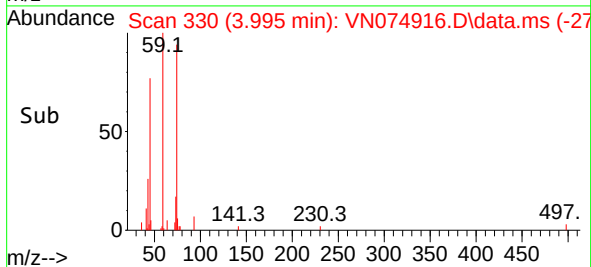
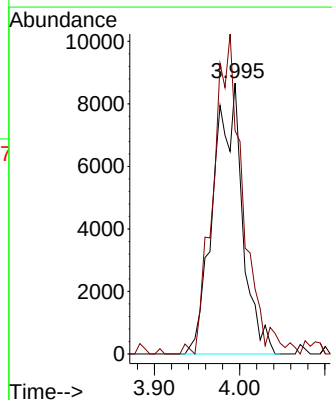
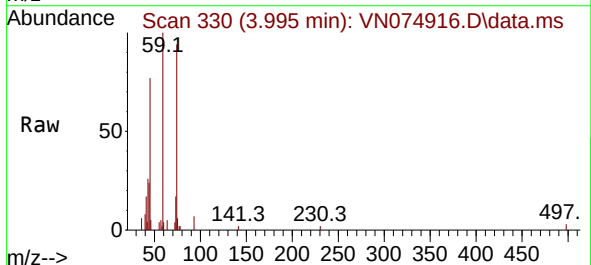
Manual Integrations
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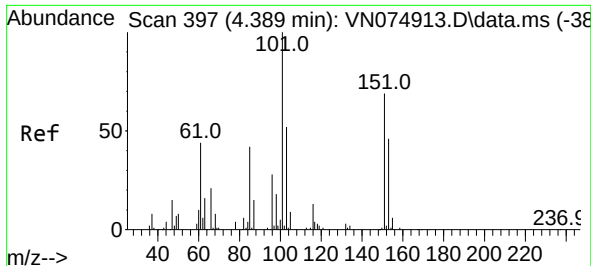
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#8
 Diethyl Ether
 Concen: 5.428 ug/l
 RT: 3.995 min Scan# 330
 Delta R.T. 0.012 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

Tgt Ion: 74 Resp: 20483
 Ion Ratio Lower Upper
 74 100
 45 120.8 49.4 148.2





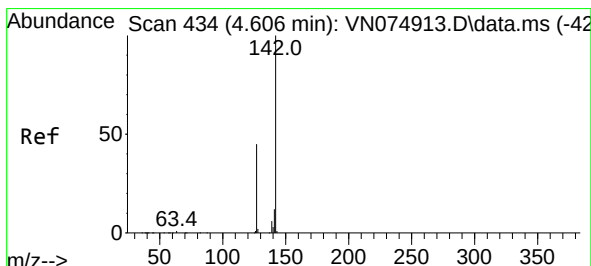
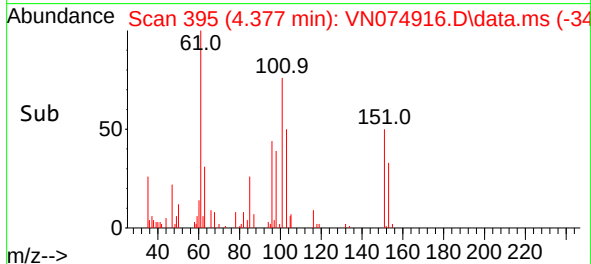
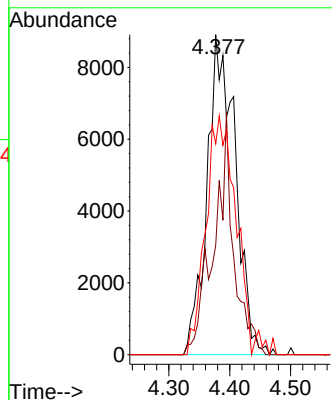
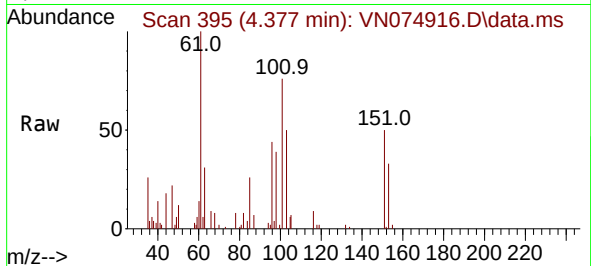
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.630 ug/l
RT: 4.377 min Scan# 397
Delta R.T. -0.012 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
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ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2874
Ion Ratio Lower Upper
101 100
85 42.2 40.6 60.8
151 78.7 57.9 86.9

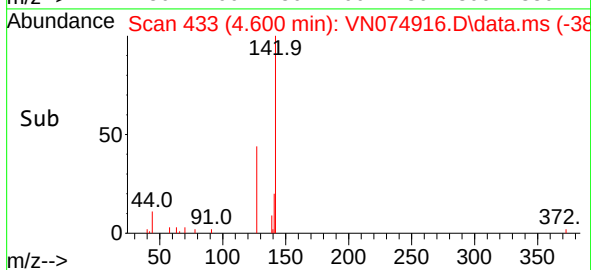
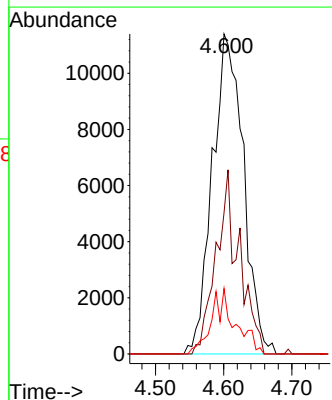
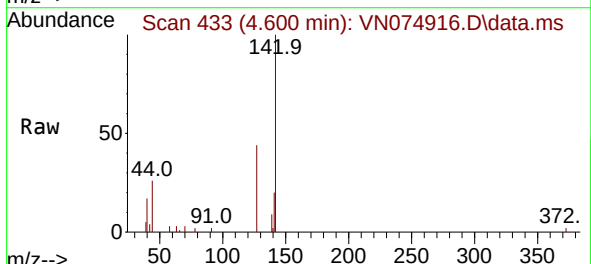
Manual Integrations
APPROVED

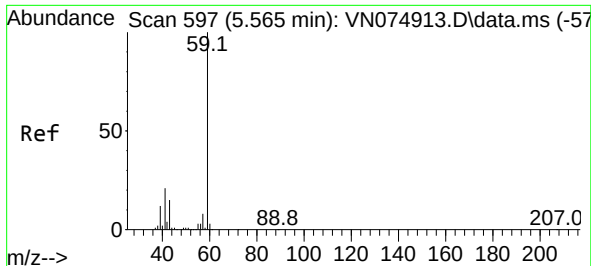
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 5.175 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

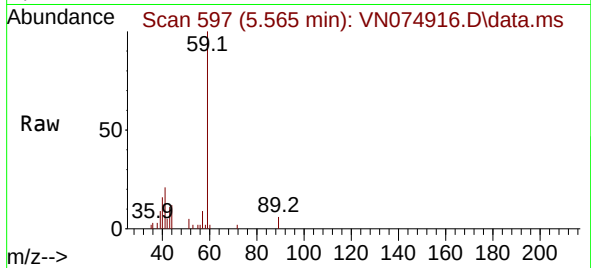
Tgt Ion:142 Resp: 36090
Ion Ratio Lower Upper
142 100
127 43.1 35.2 52.8
141 15.6 11.8 17.6





#11
Tert butyl alcohol
Concen: 26.567 ug/l
RT: 5.565 min Scan# 597
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

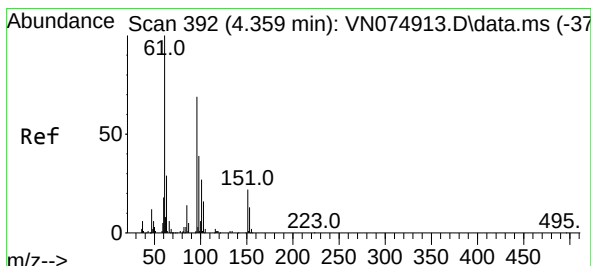
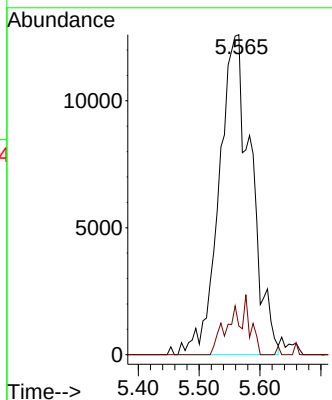
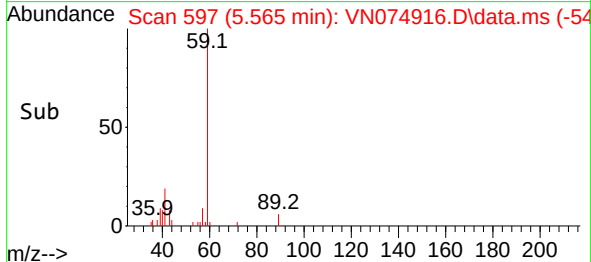
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



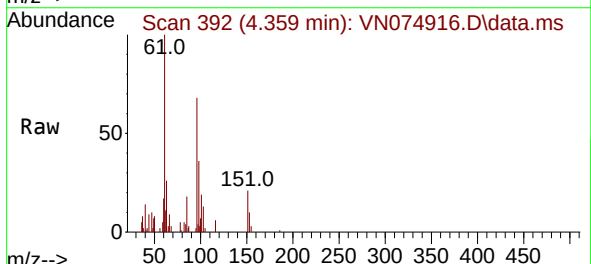
Tgt Ion: 59 Resp: 4618
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.8

Manual Integrations
APPROVED

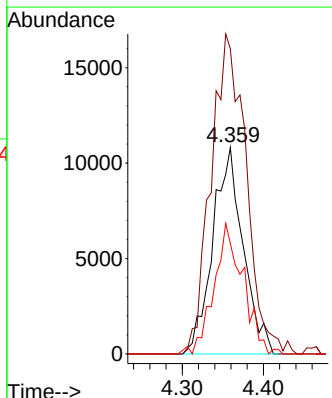
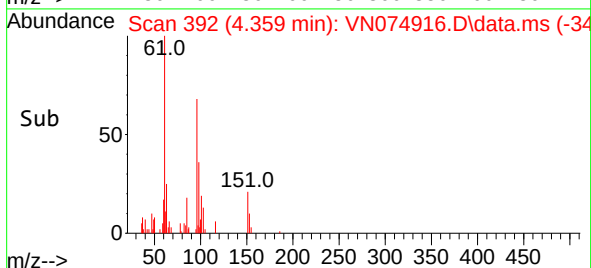
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

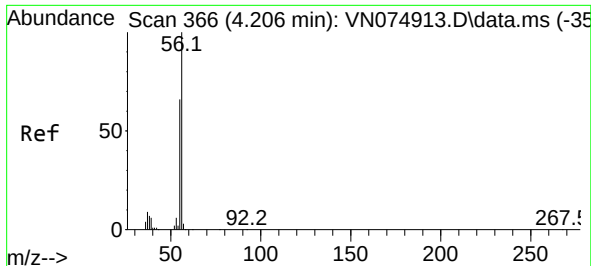


#12
1,1-Dichloroethene
Concen: 5.566 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



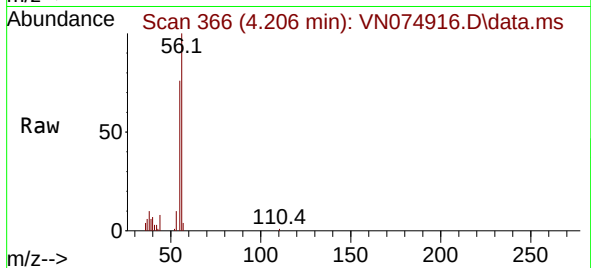
Tgt Ion: 96 Resp: 28232
Ion Ratio Lower Upper
96 100
61 147.7 116.7 175.1
98 53.5 45.4 68.0





#13
Acrolein
Concen: 27.312 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

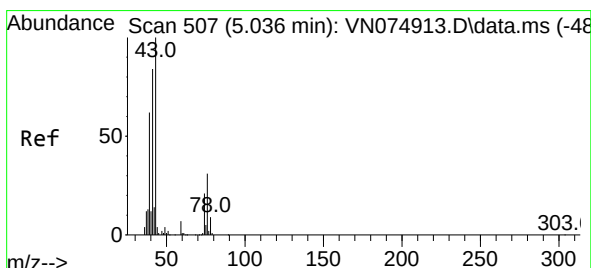
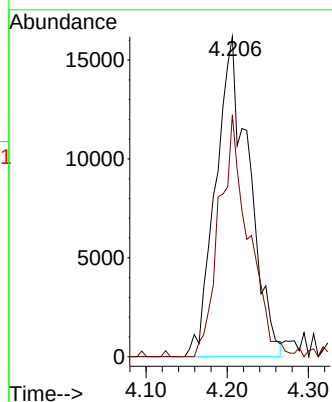
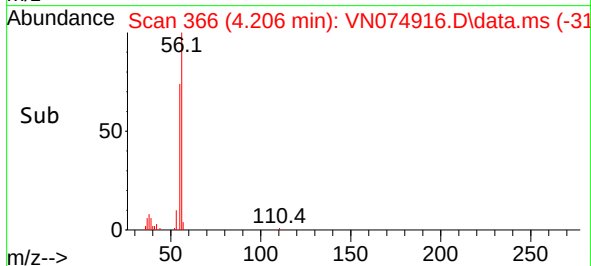
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 4628
Ion Ratio Lower Upper
56 100
55 66.8 53.4 80.0

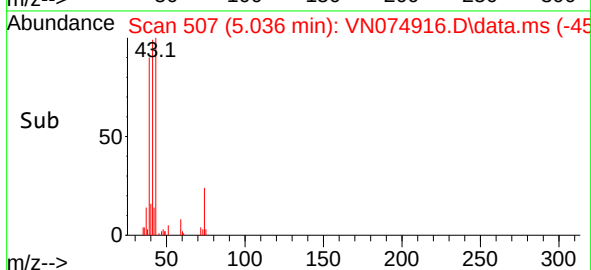
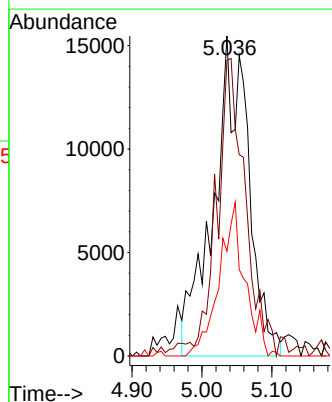
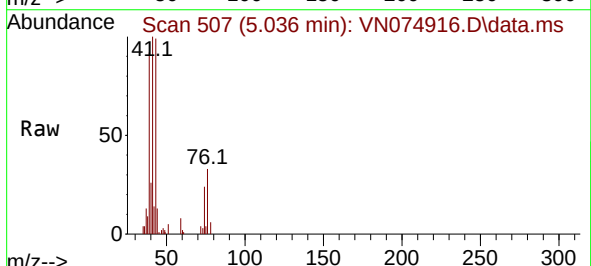
Manual Integrations
APPROVED

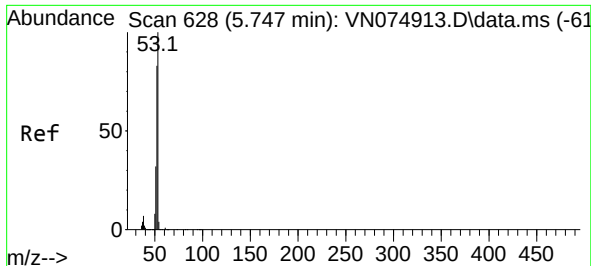
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 5.735 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

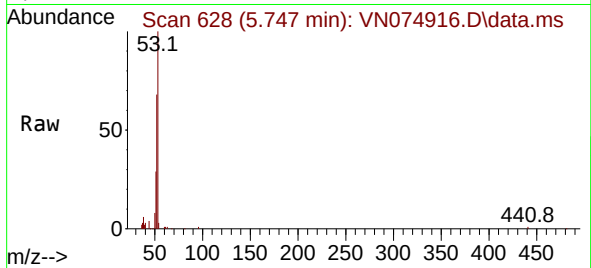
Tgt Ion: 41 Resp: 53982
Ion Ratio Lower Upper
41 100
39 73.8 54.7 82.1
76 35.1 25.5 38.3





#15
Acrylonitrile
Concen: 27.203 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

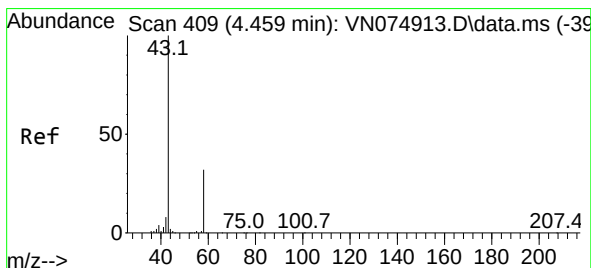
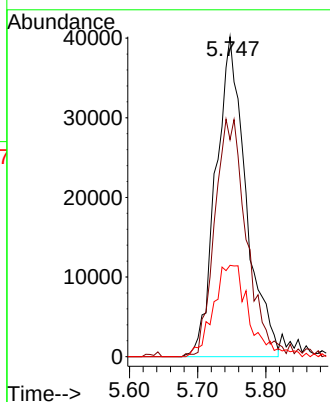
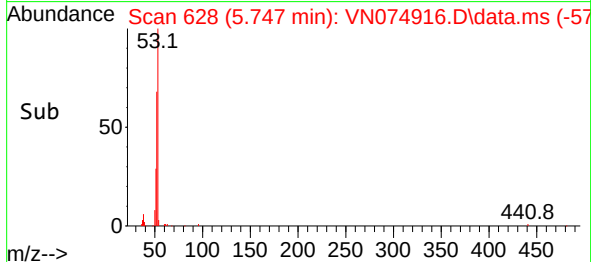
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 12336
Ion Ratio Lower Upper
53 100
52 78.6 66.2 99.2
51 34.1 28.5 42.7

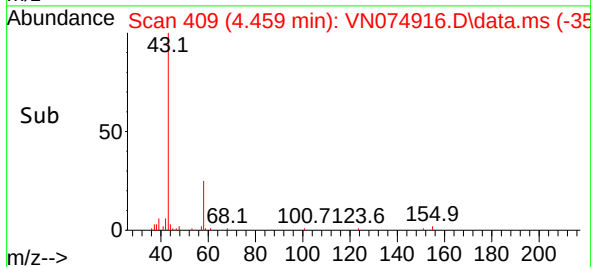
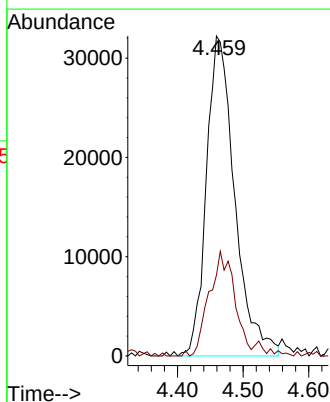
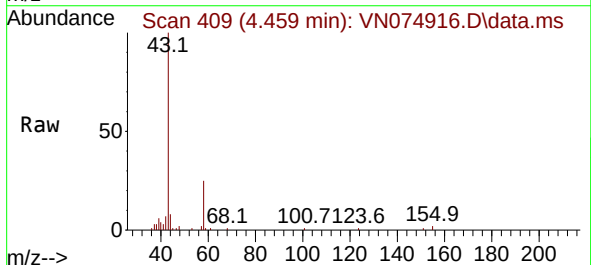
Manual Integrations
APPROVED

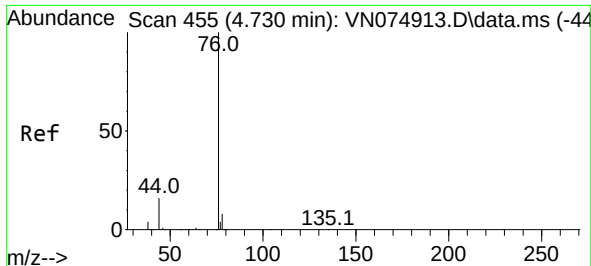
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#16
Acetone
Concen: 25.115 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

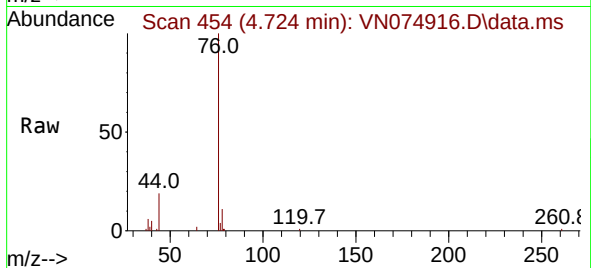
Tgt Ion: 43 Resp: 96707
Ion Ratio Lower Upper
43 100
58 25.3 25.8 38.8#





#17
Carbon Disulfide
Concen: 5.920 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

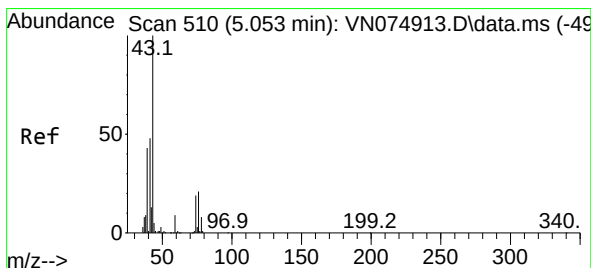
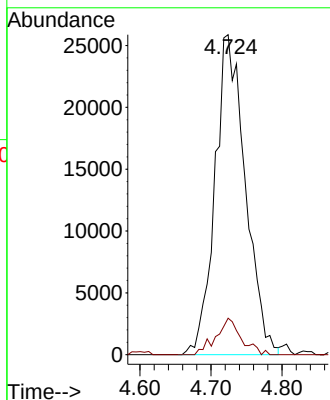
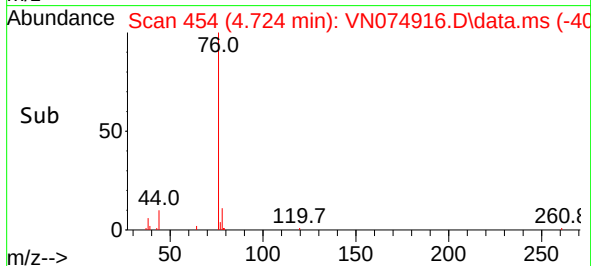
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



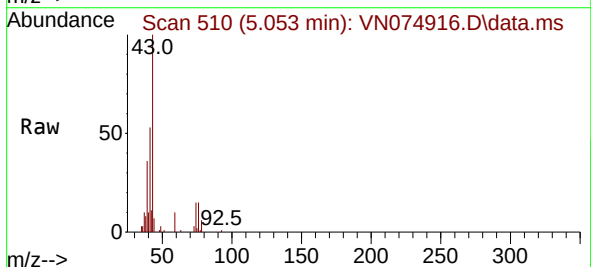
Tgt Ion: 76 Resp: 77000
Ion Ratio Lower Upper
76 100
78 11.4 6.1 9.1

Manual Integrations
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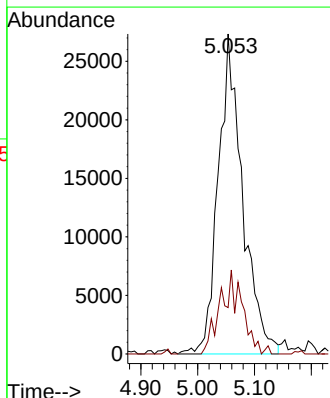
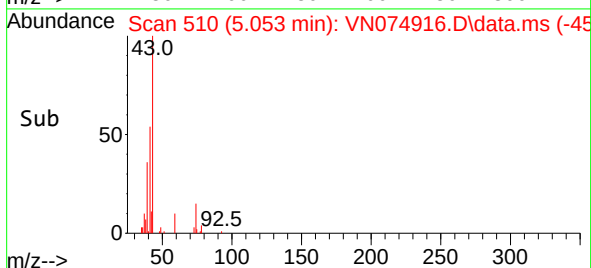
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

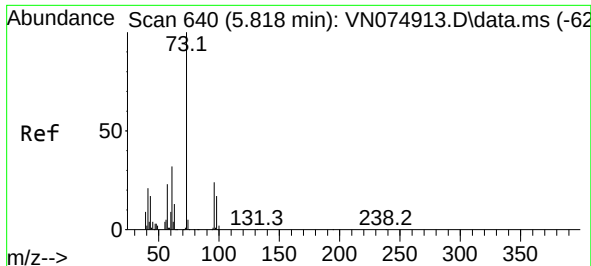


#18
Methyl Acetate
Concen: 5.153 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion: 43 Resp: 81379
Ion Ratio Lower Upper
43 100
74 12.1 17.0 25.6





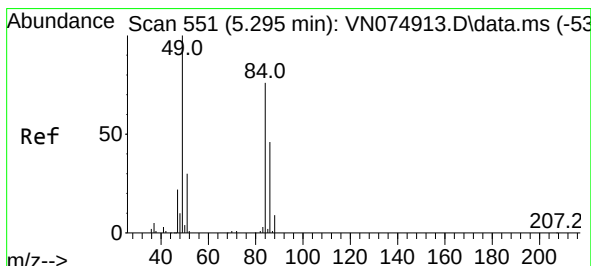
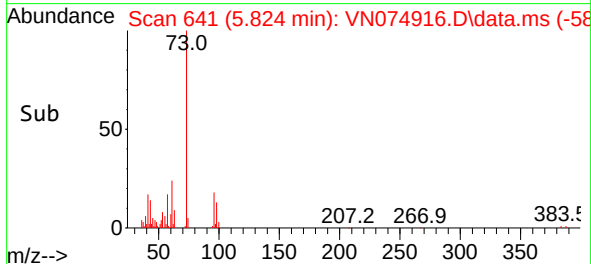
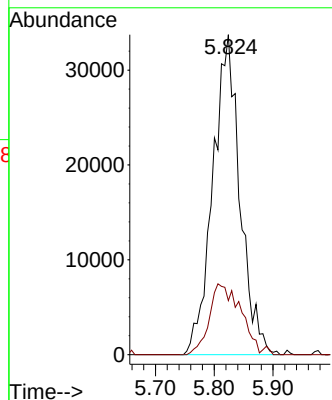
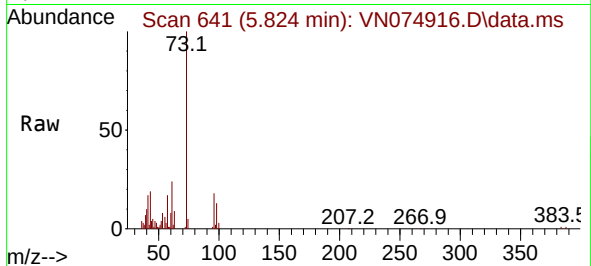
#19
Methyl tert-butyl Ether
Concen: 5.391 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 108119
Ion Ratio Lower Upper
73 100
57 16.9 18.4 27.6

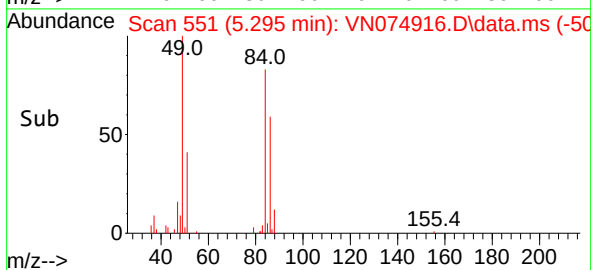
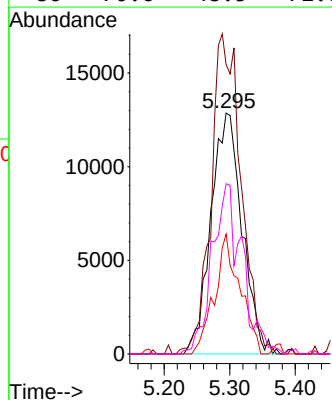
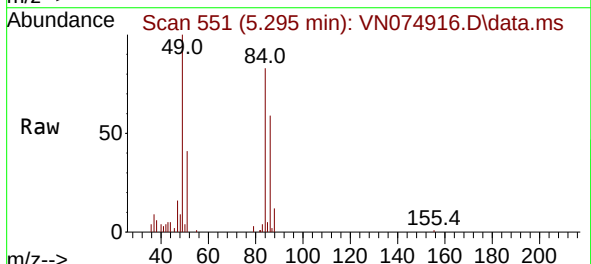
Manual Integrations
APPROVED

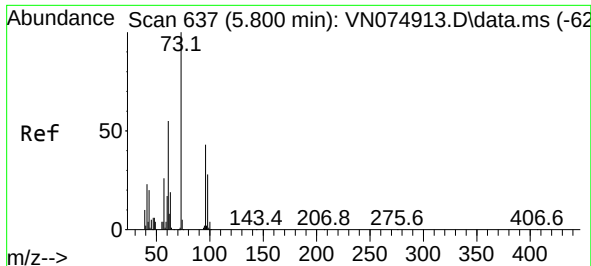
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 5.969 ug/l
RT: 5.295 min Scan# 551
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion: 84 Resp: 42423
Ion Ratio Lower Upper
84 100
49 120.1 104.6 156.8
51 49.7 31.8 47.8#
86 70.6 48.5 72.7





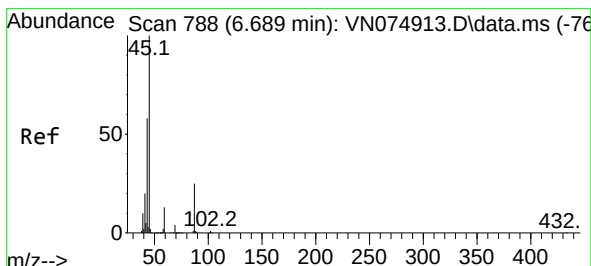
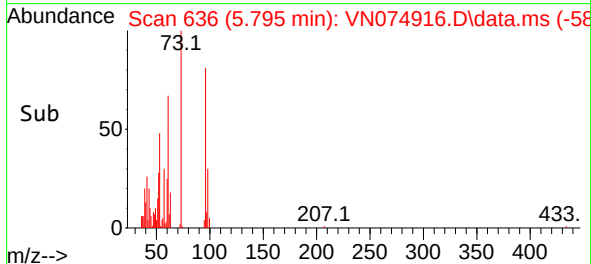
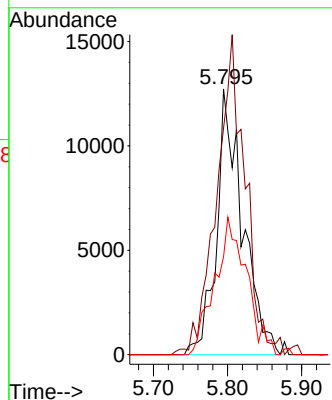
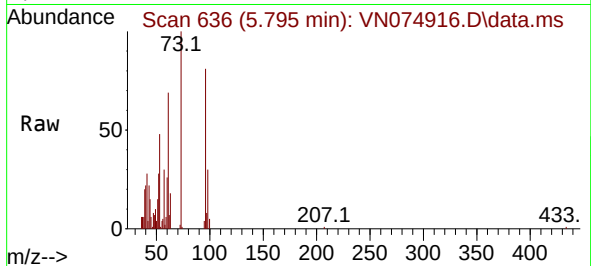
#21
trans-1,2-Dichloroethene
Concen: 5.506 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 31094
Ion Ratio Lower Upper
96 100
61 83.2 104.3 156.5
98 36.9 51.9 77.9

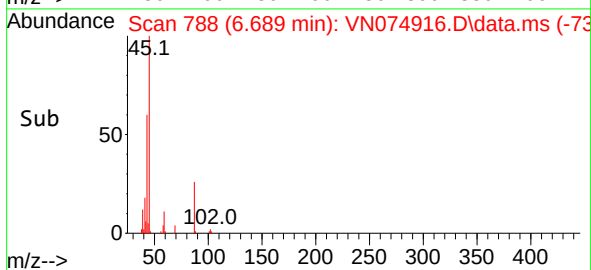
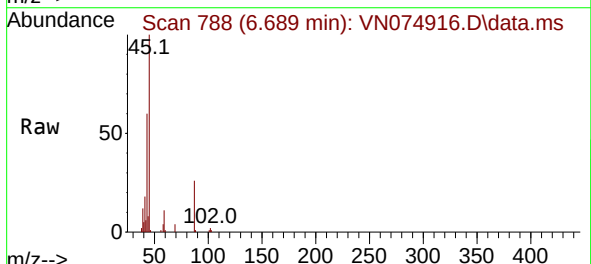
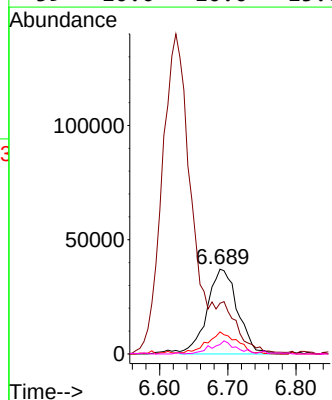
Manual Integrations
APPROVED

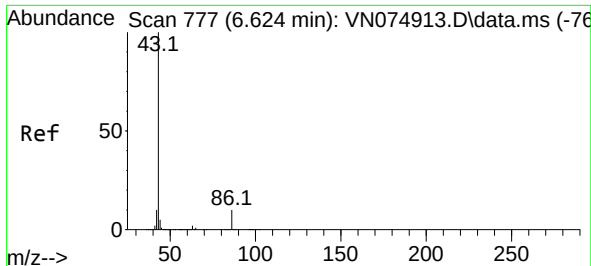
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 5.149 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

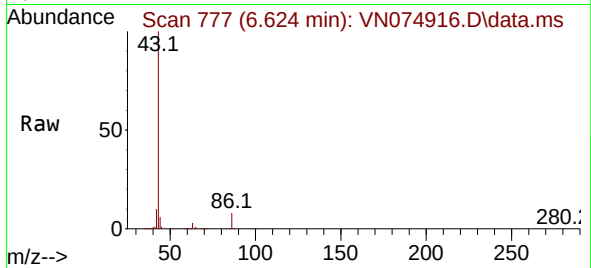
Tgt Ion: 45 Resp: 115177
Ion Ratio Lower Upper
45 100
43 57.8 47.3 70.9
87 26.0 20.1 30.1
59 10.0 10.0 15.0





#23
 Vinyl Acetate
 Concen: 26.559 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

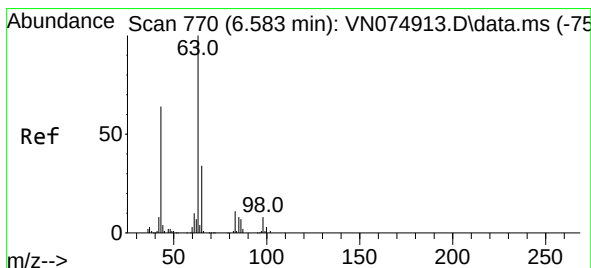
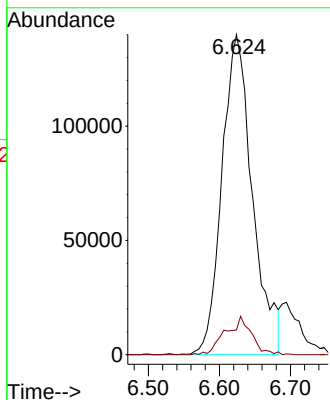
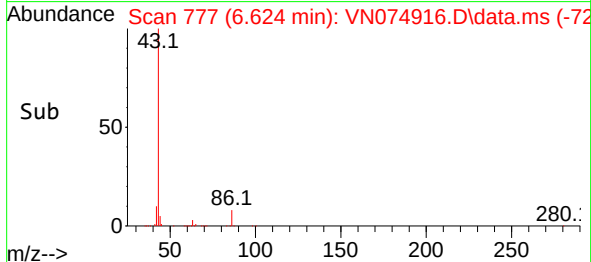
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



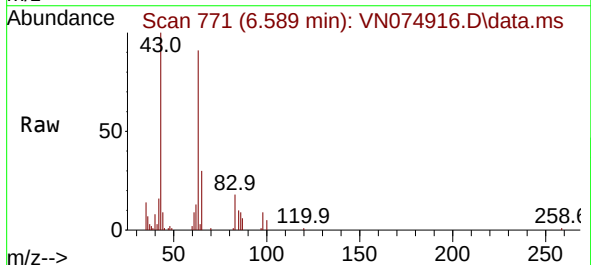
Tgt Ion: 43 Resp: 41792
 Ion Ratio Lower Upper
 43 100
 86 7.7 8.0 12.0

Manual Integrations
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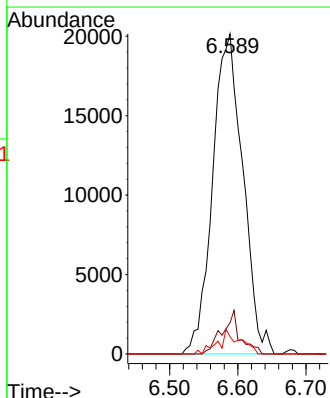
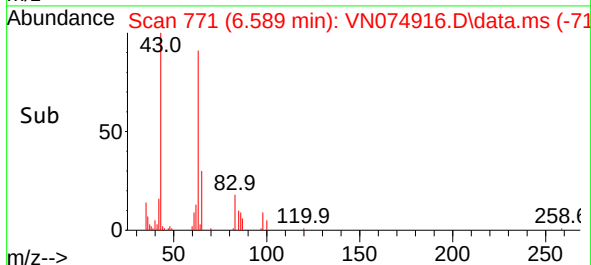
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

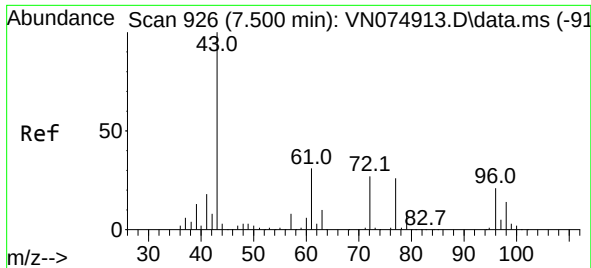


#24
 1,1-Dichloroethane
 Concen: 5.280 ug/l
 RT: 6.589 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39



Tgt Ion: 63 Resp: 62180
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.9 11.5
 100 5.4 1.6 4.8





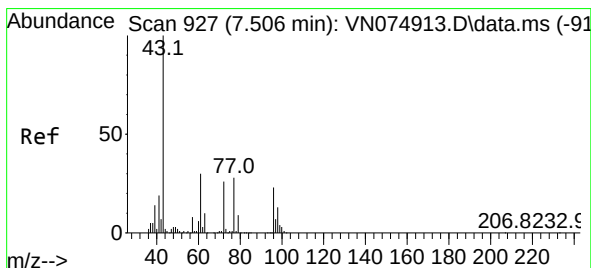
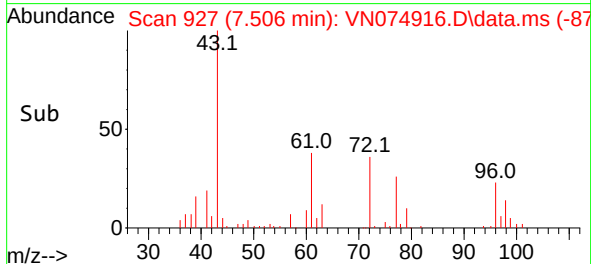
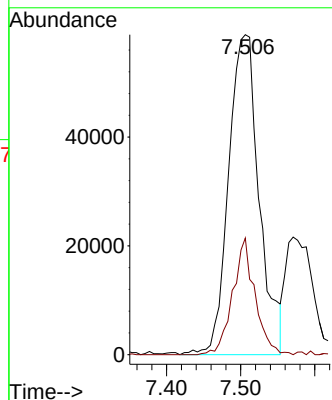
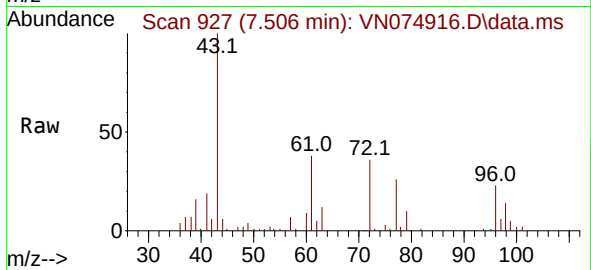
#25
2-Butanone
Concen: 27.457 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 16850
Ion Ratio Lower Upper
43 100
72 36.4 21.3 31.9

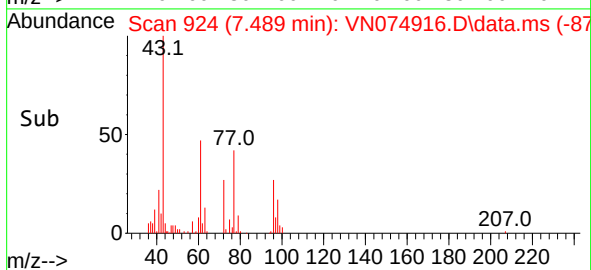
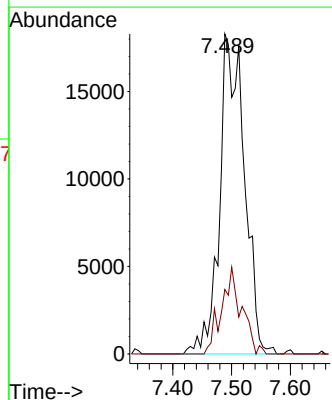
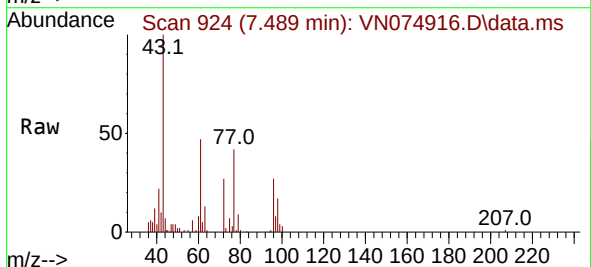
Manual Integrations
APPROVED

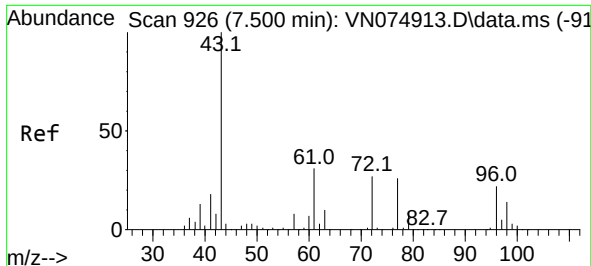
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 5.803 ug/l
RT: 7.489 min Scan# 924
Delta R.T. -0.018 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

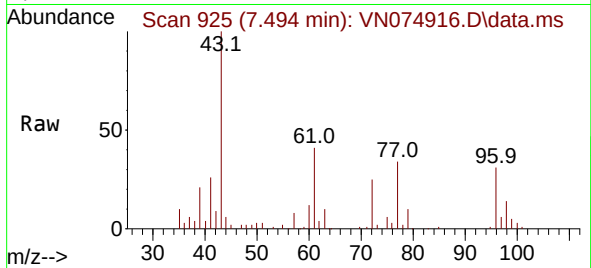
Tgt Ion: 77 Resp: 53521
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 5.698 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

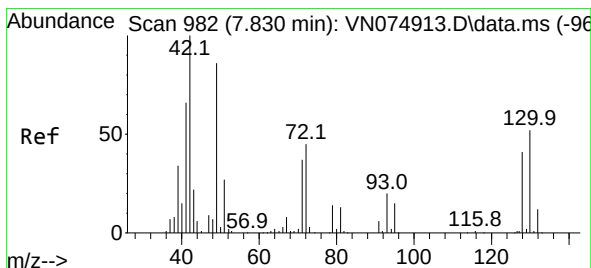
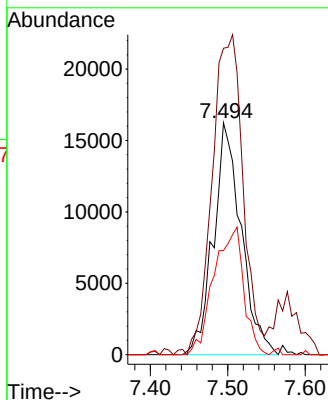
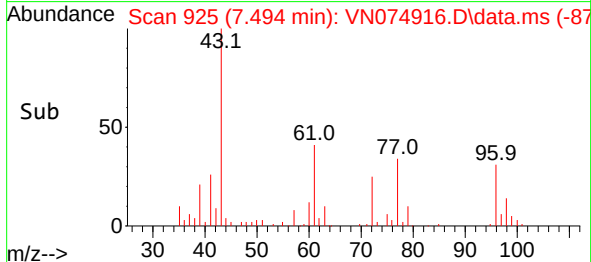
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 40409
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 288.6
 98 59.2 0.0 128.0

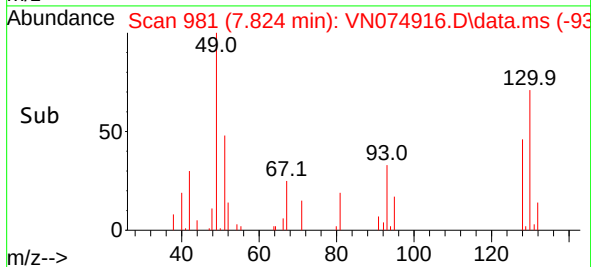
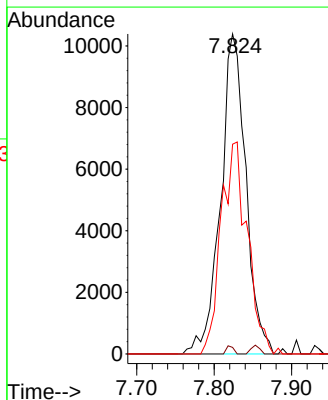
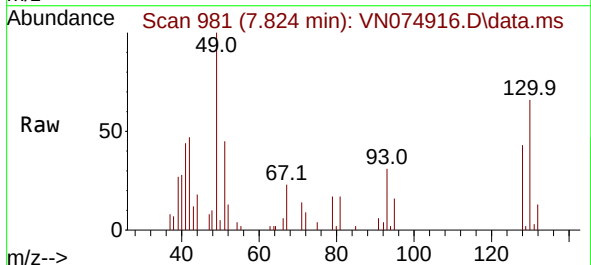
Manual Integrations
 APPROVED

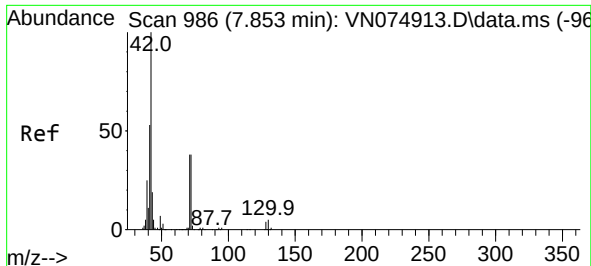
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#28
 Bromochloromethane
 Concen: 4.192 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.006 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

Tgt Ion: 49 Resp: 23504
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.6
 130 69.1 48.8 73.2





#29

Tetrahydrofuran

Concen: 26.493 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 109228

Ion Ratio Lower Upper

42 100

72 40.3 32.8 49.2

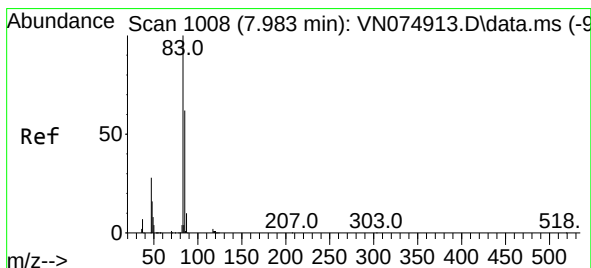
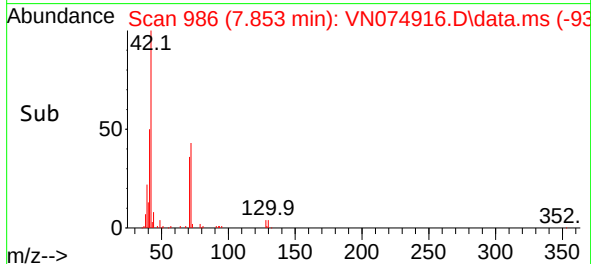
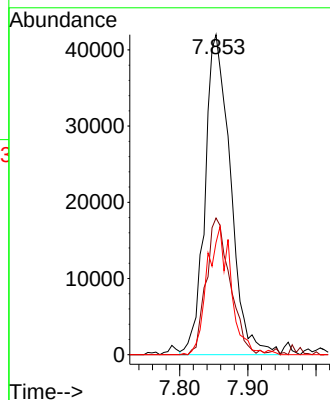
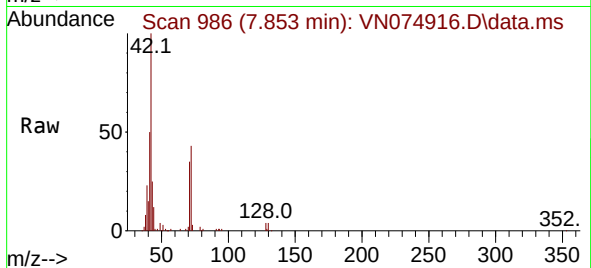
71 37.6 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 5.415 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. -0.006 min

Lab File: VN074916.D

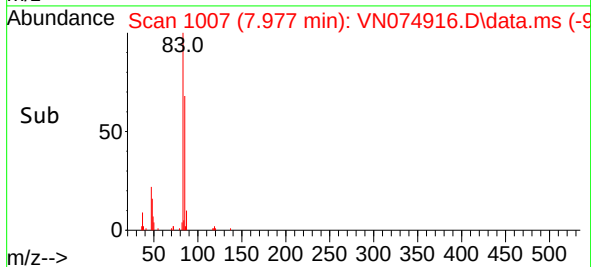
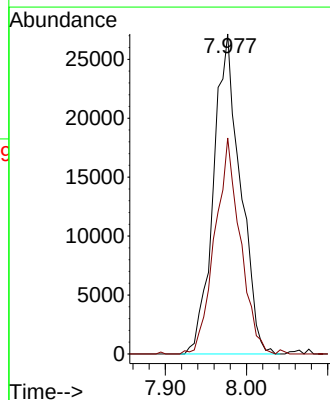
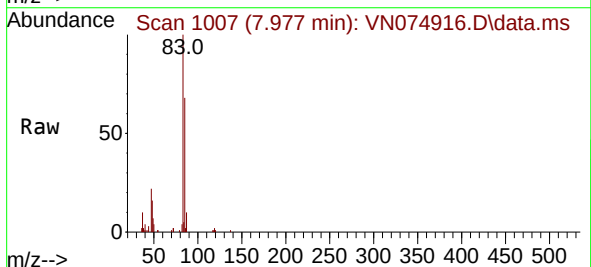
Acq: 17 Oct 2022 14:39

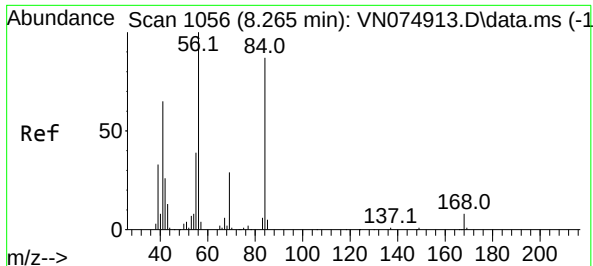
Tgt Ion: 83 Resp: 62557

Ion Ratio Lower Upper

83 100

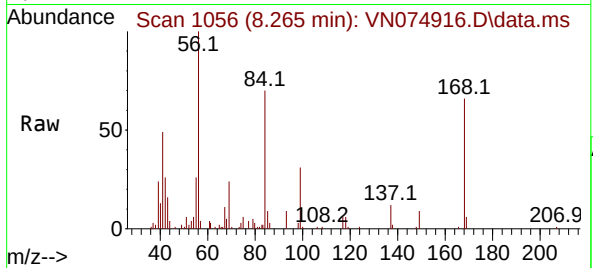
85 67.5 49.4 74.0





#31
Cyclohexane
Concen: 5.678 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

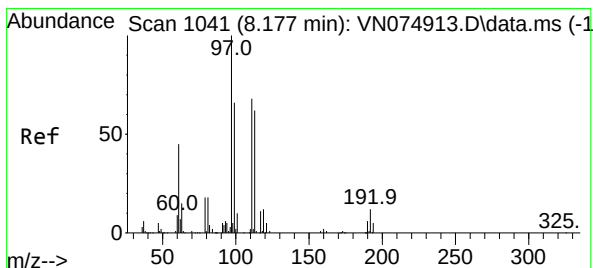
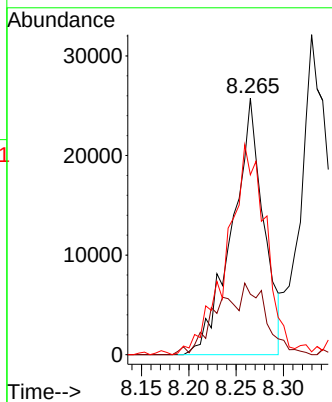
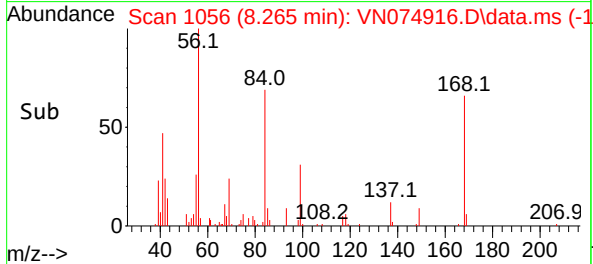
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 59558
Ion Ratio Lower Upper
56 100
69 22.4 23.4 35.0
84 70.0 69.9 104.9

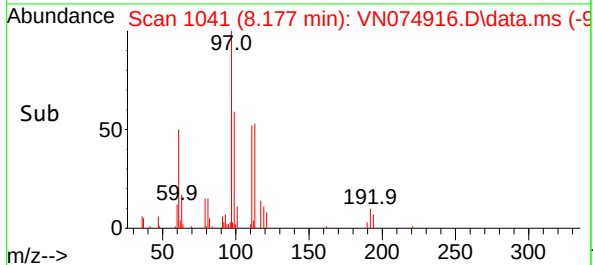
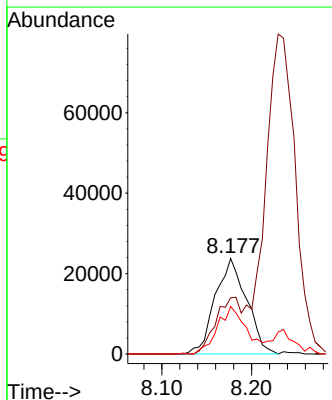
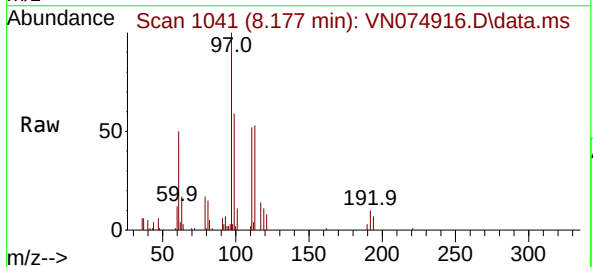
Manual Integrations
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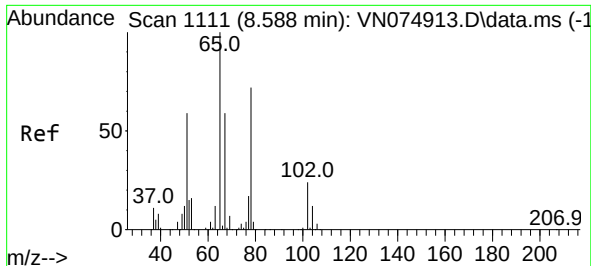
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#32
1,1,1-Trichloroethane
Concen: 5.771 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion: 97 Resp: 57732
Ion Ratio Lower Upper
97 100
99 47.0 53.2 79.8
61 45.8 39.8 59.8





#33

1,2-Dichloroethane-d4

Concen: 5.191 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 4047

Ion Ratio Lower Upper

65 100

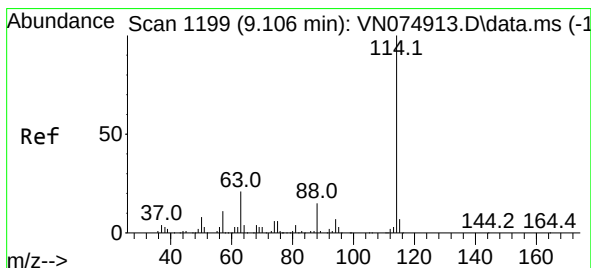
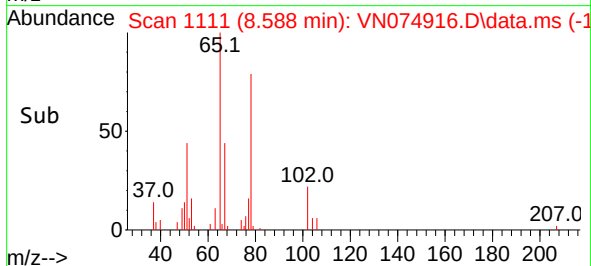
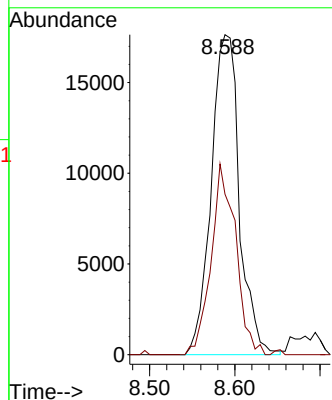
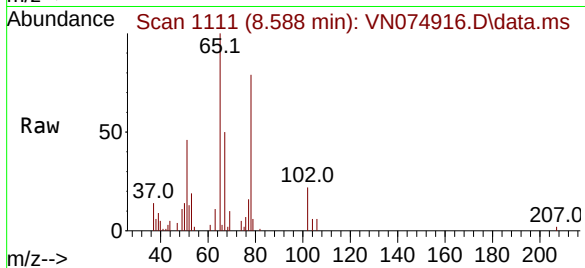
67 52.1 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

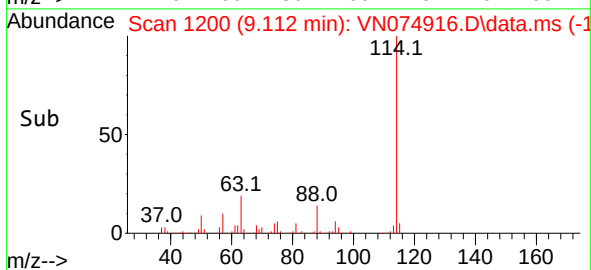
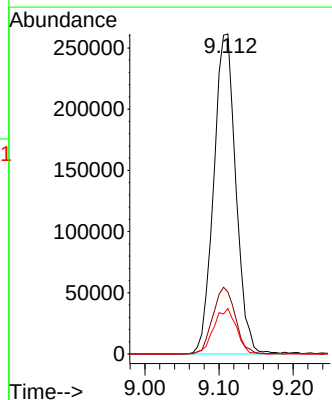
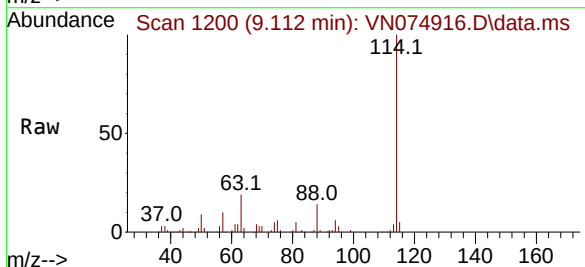
Tgt Ion:114 Resp: 542760

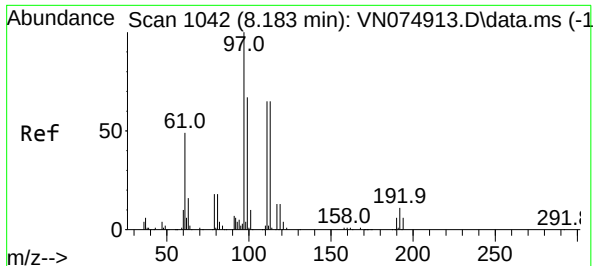
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

88 14.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 4.836 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 2945

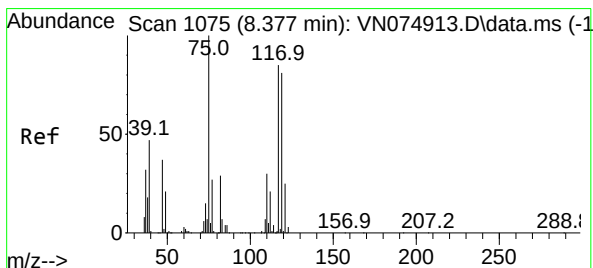
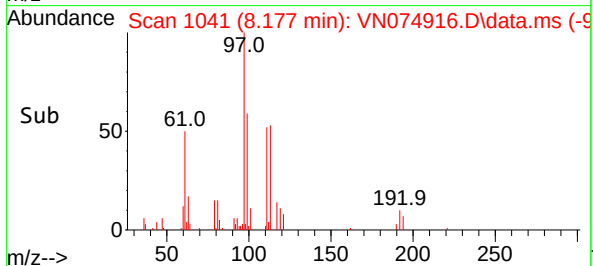
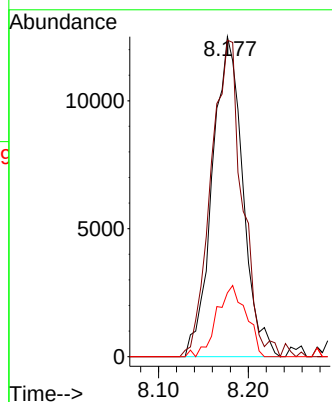
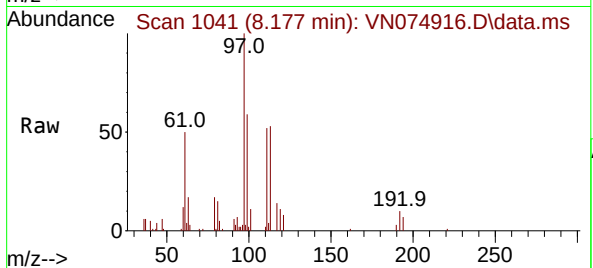
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	21.5	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 5.601 ug/l

RT: 8.383 min Scan# 1076

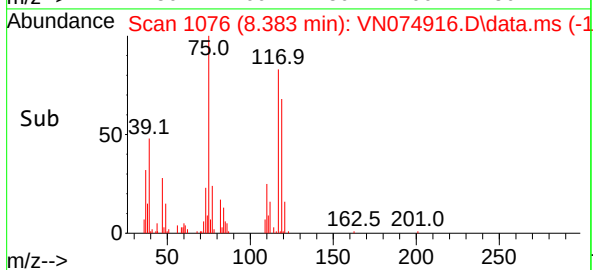
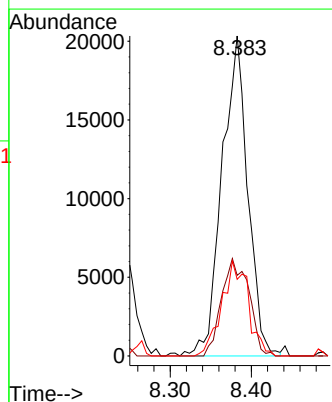
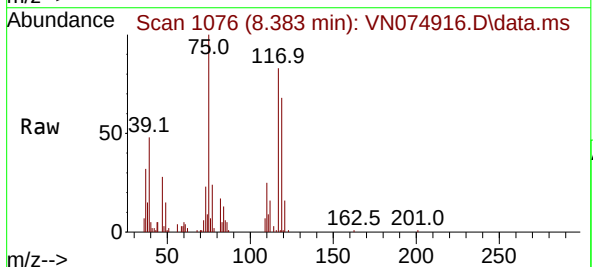
Delta R.T. 0.006 min

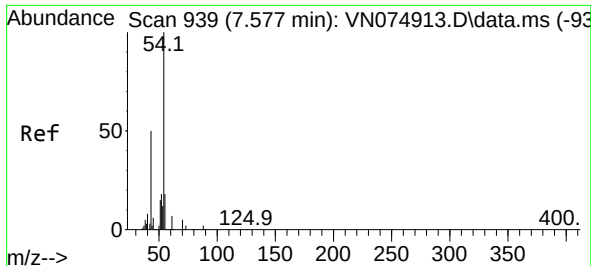
Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Tgt Ion: 75 Resp: 44892

Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.1	48.3
77	30.7	23.3	34.9





#37

Ethyl Acetate

Concen: 4.397 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 52618

Ion Ratio Lower Upper

43 100

61 17.3 9.9 14.9

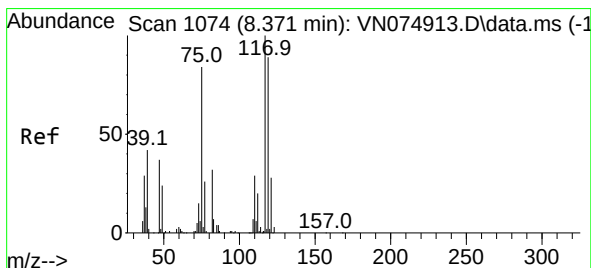
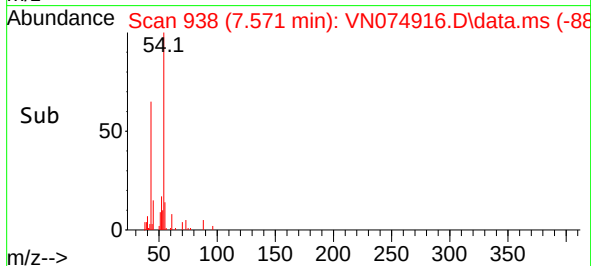
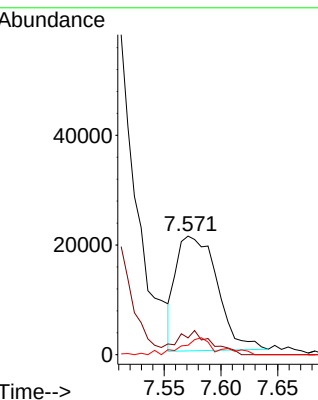
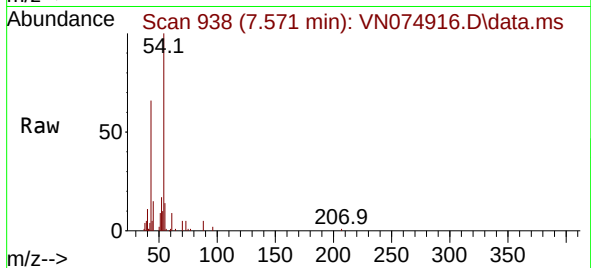
70 10.5 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 5.157 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

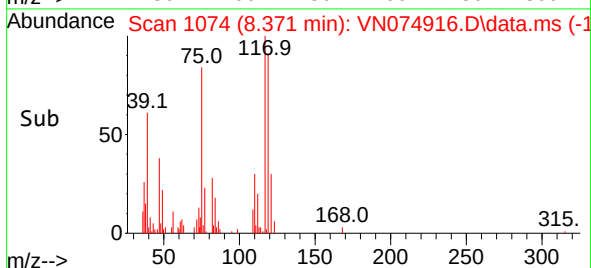
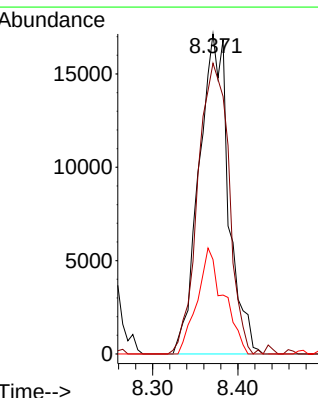
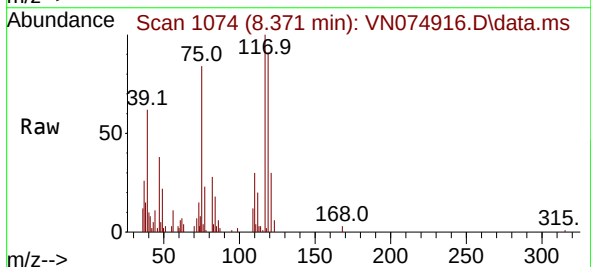
Tgt Ion:117 Resp: 41466

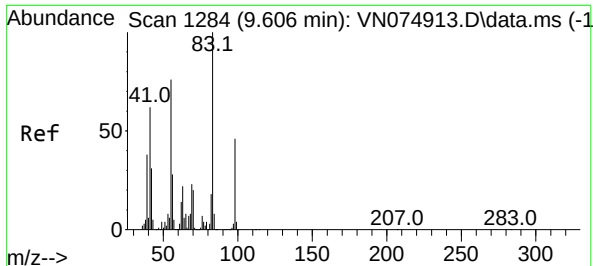
Ion Ratio Lower Upper

117 100

119 90.9 71.0 106.6

121 29.5 22.2 33.4





#39

Methylcyclohexane

Concen: 5.833 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

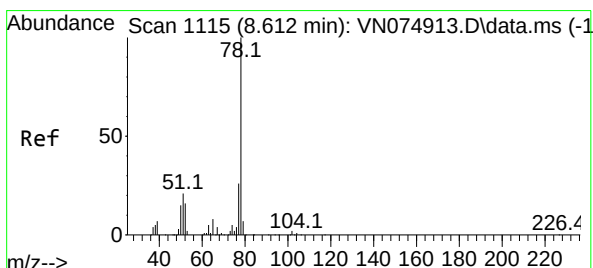
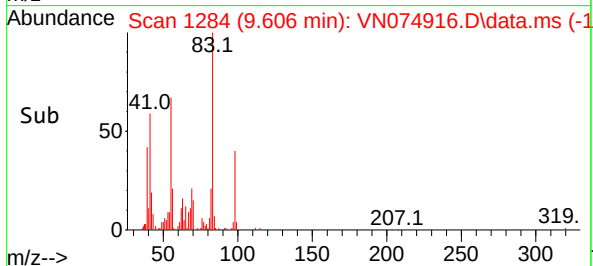
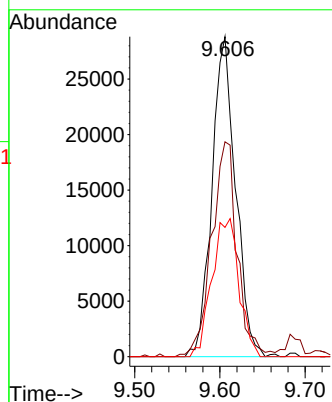
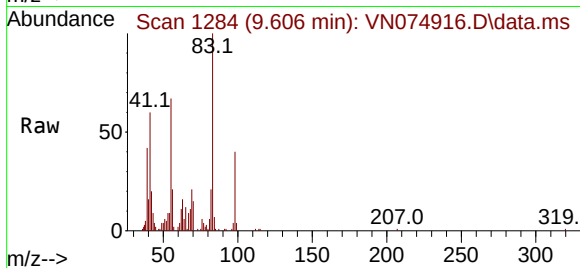
Tgt Ion:	83	Resp:	55614
Ion	Ratio	Lower	Upper
83	100		
55	66.4	61.2	91.8
98	40.4	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 5.253 ug/l

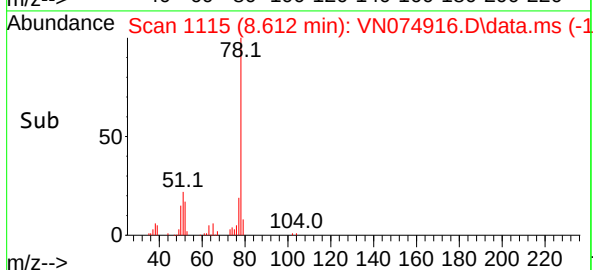
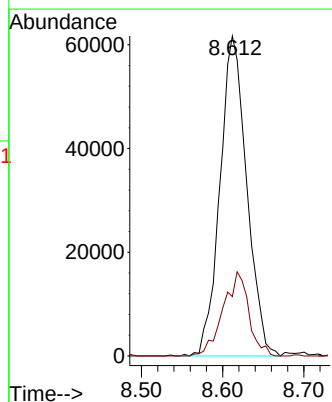
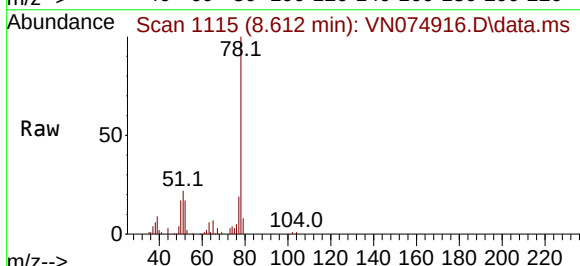
RT: 8.612 min Scan# 1115

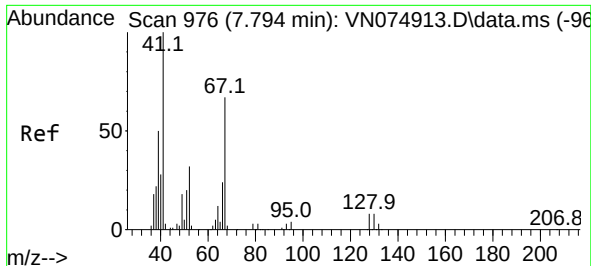
Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

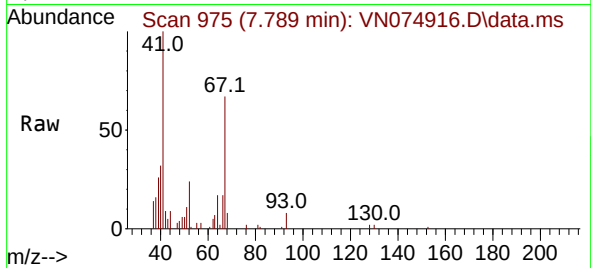
Tgt Ion:	78	Resp:	141321
Ion	Ratio	Lower	Upper
78	100		
77	18.5	20.5	30.7#





#41
Methacrylonitrile
Concen: 5.306 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

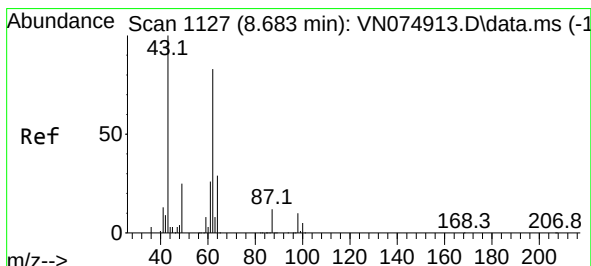
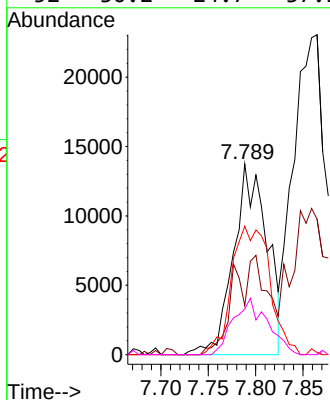
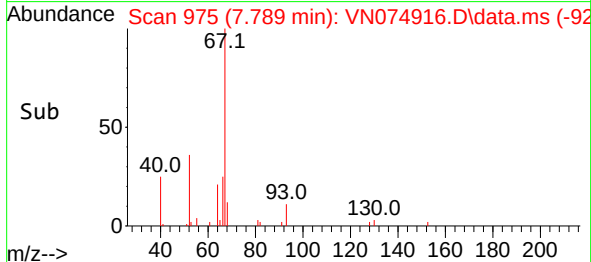
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



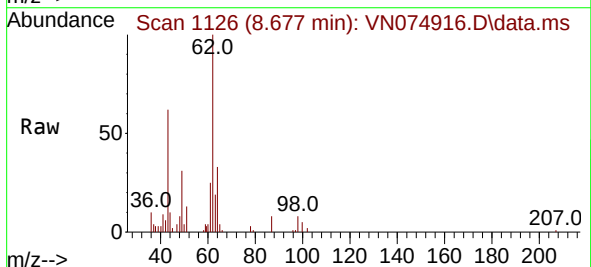
Tgt Ion: 41 Resp: 3386
Ion Ratio Lower Upper
41 100
39 31.2 43.2 64.8
67 76.9 57.9 86.9
52 30.2 24.7 37.1

Manual Integrations
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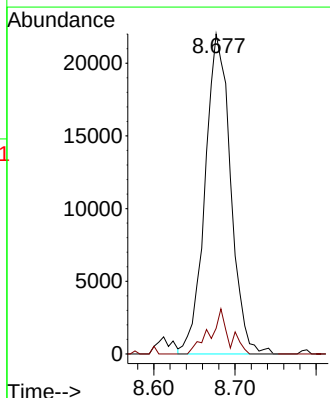
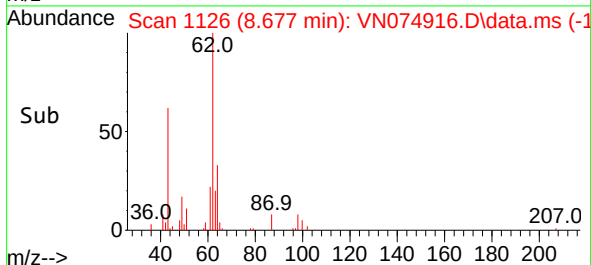
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

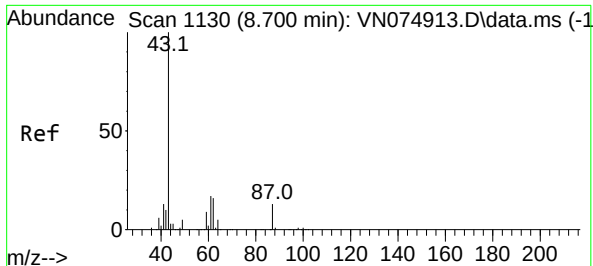


#42
1,2-Dichloroethane
Concen: 5.107 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



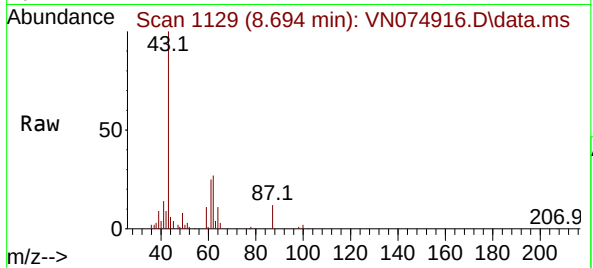
Tgt Ion: 62 Resp: 48150
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.0





#43
Isopropyl Acetate
Concen: 5.161 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

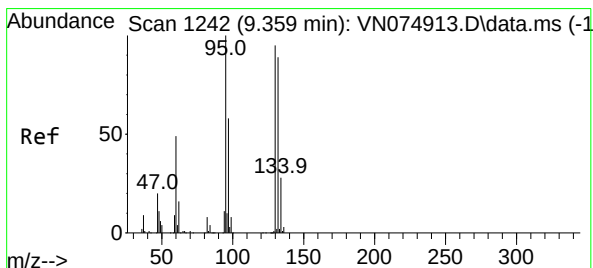
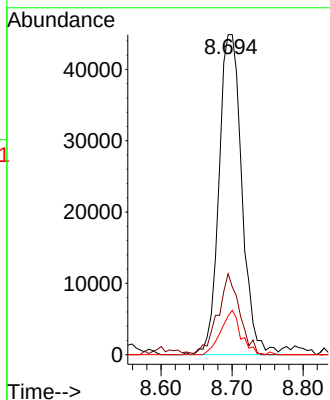
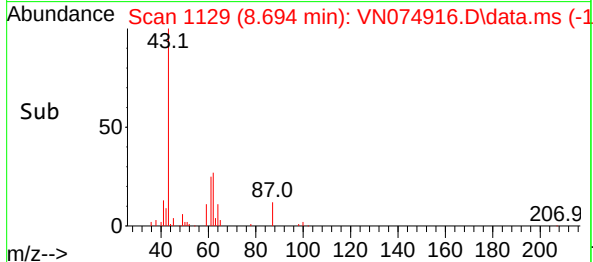
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 100374
Ion Ratio Lower Upper
43 100
61 23.9 19.0 28.6
87 12.0 9.9 14.9

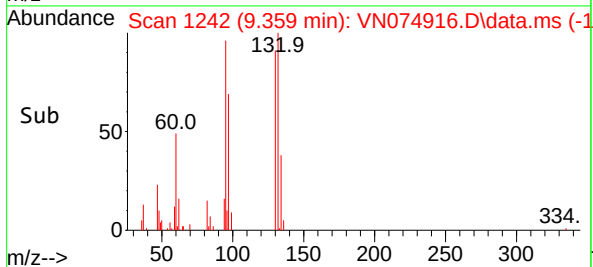
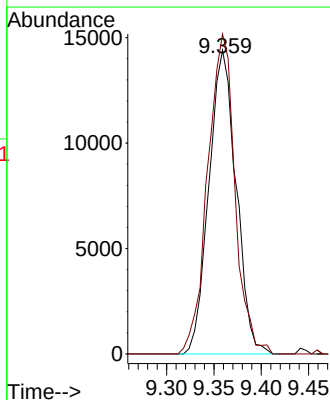
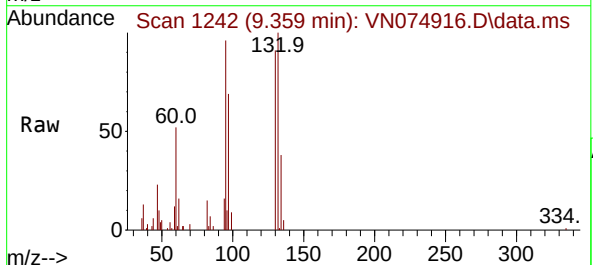
Manual Integrations
APPROVED

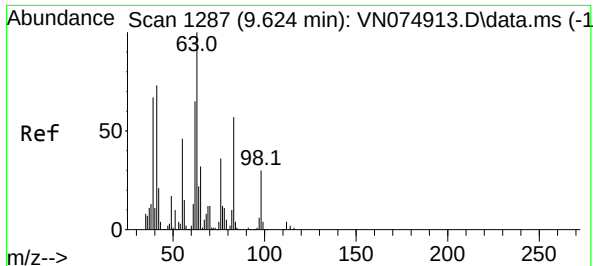
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#44
Trichloroethene
Concen: 4.918 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion:130 Resp: 28739
Ion Ratio Lower Upper
130 100
95 105.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 5.761 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4196

Ion Ratio Lower Upper

63 100

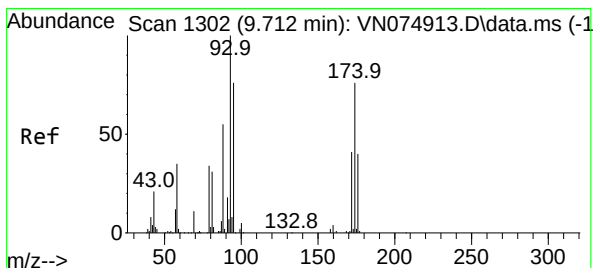
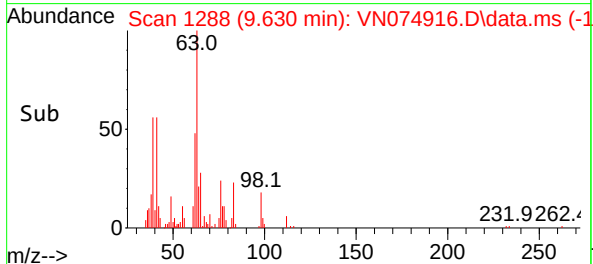
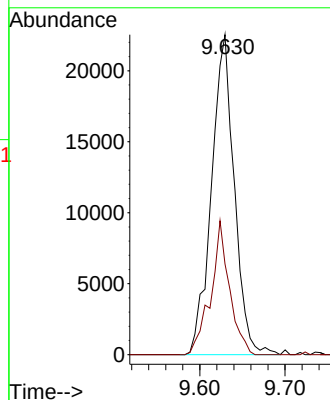
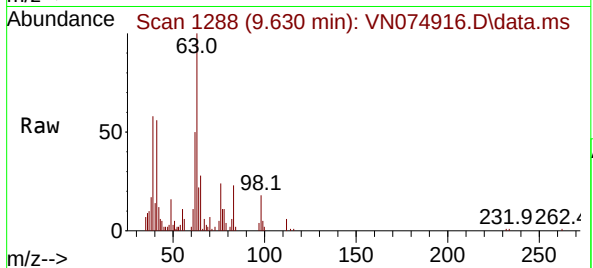
65 28.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 5.382 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

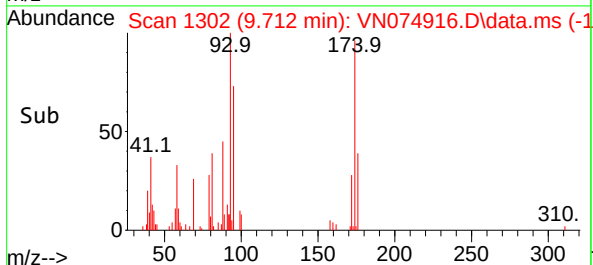
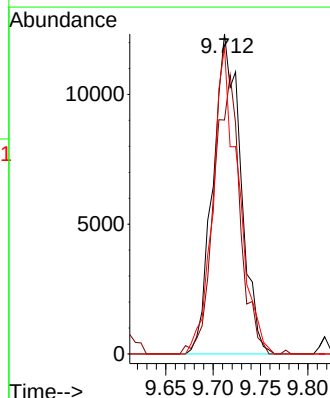
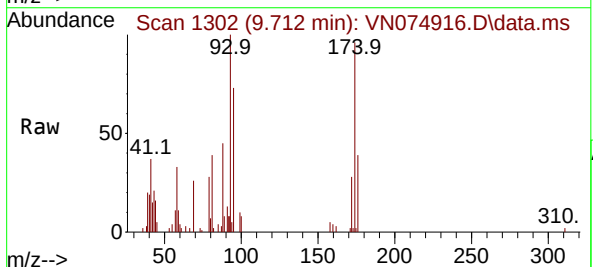
Tgt Ion: 93 Resp: 25209

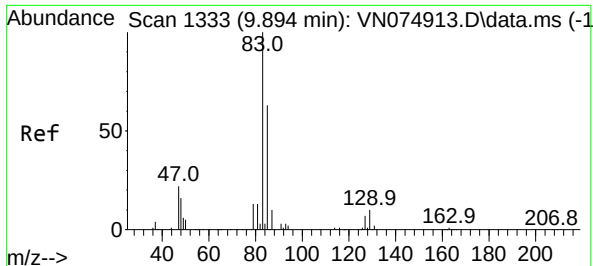
Ion Ratio Lower Upper

93 100

95 81.7 66.0 99.0

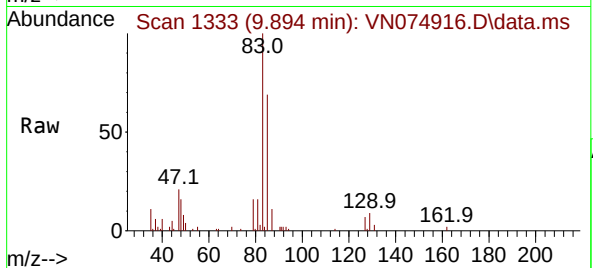
174 87.8 65.1 97.7





#47
Bromodichloromethane
Concen: 4.932 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

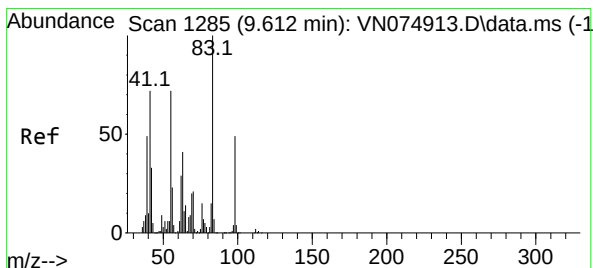
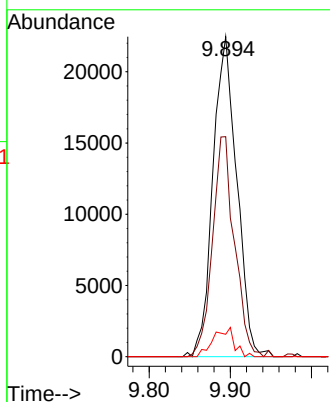
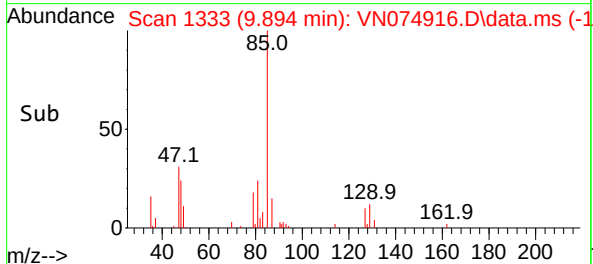
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



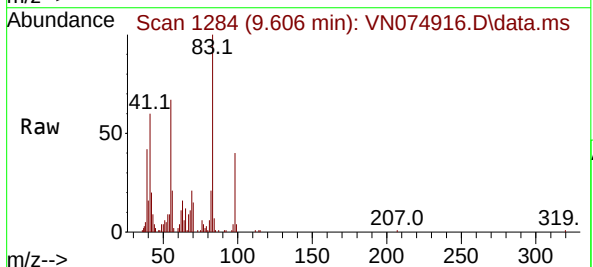
Tgt Ion: 83 Resp: 4590
Ion Ratio Lower Upper
83 100
85 68.7 50.2 75.2
127 7.0 5.8 8.6

Manual Integrations
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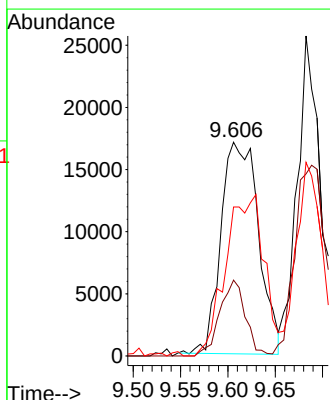
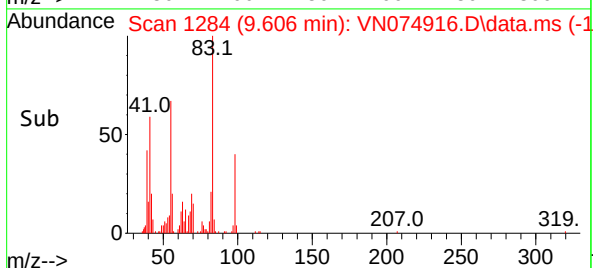
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

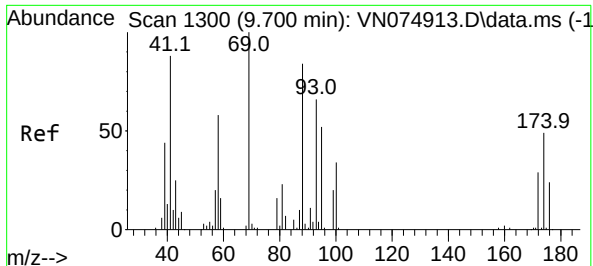


#48
Methyl methacrylate
Concen: 5.189 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion: 41 Resp: 47050
Ion Ratio Lower Upper
41 100
69 24.5 19.5 29.3
39 0.0 58.3 87.5#





#49

1,4-Dioxane

Concen: 94.471 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 1631

Ion Ratio Lower Upper

88 100

43 18.0 19.4 29.2

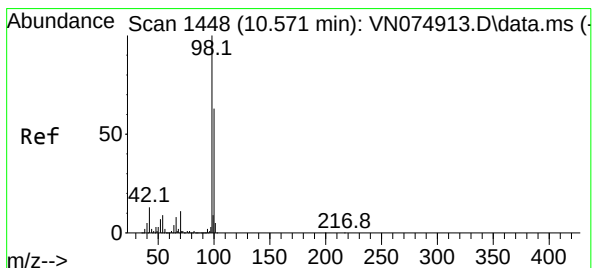
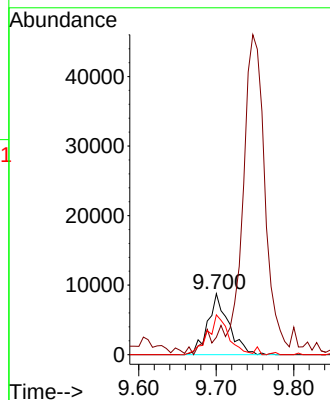
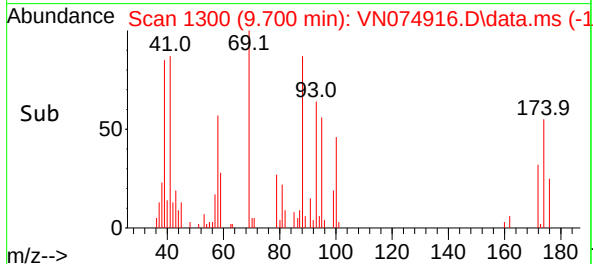
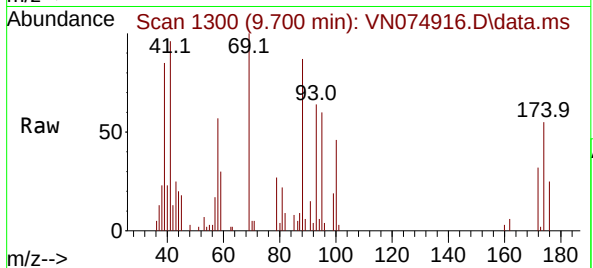
58 65.0 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 4.723 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074916.D

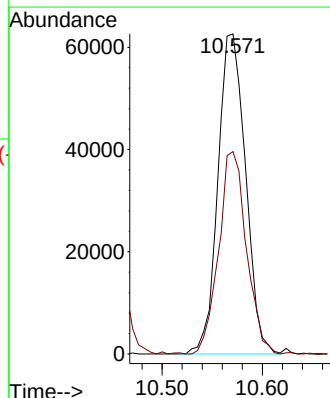
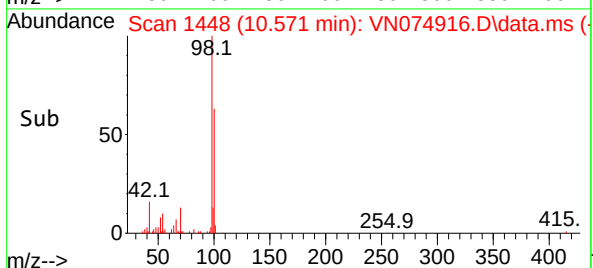
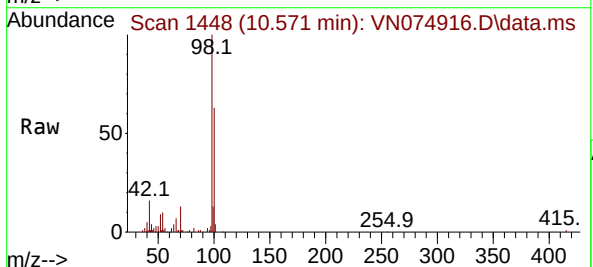
Acq: 17 Oct 2022 14:39

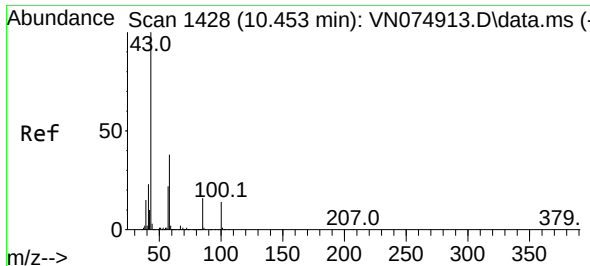
Tgt Ion: 98 Resp: 119488

Ion Ratio Lower Upper

98 100

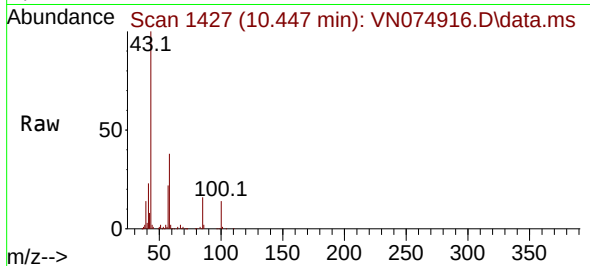
100 63.7 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 24.440 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

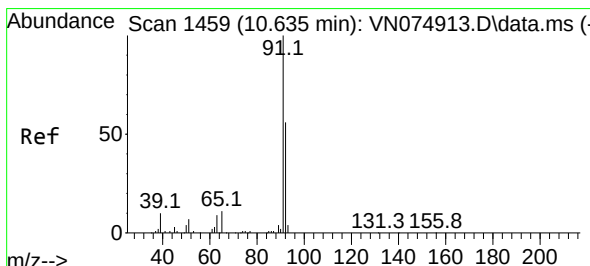
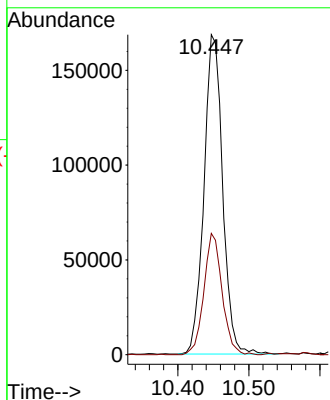
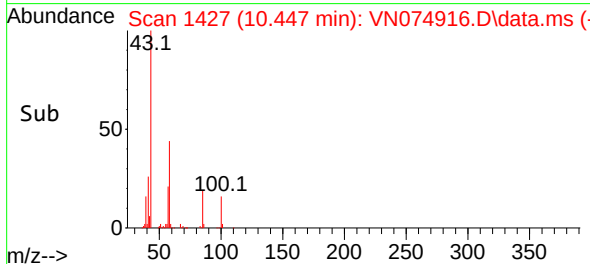
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 308030
Ion Ratio Lower Upper
43 100
58 37.1 30.0 45.0

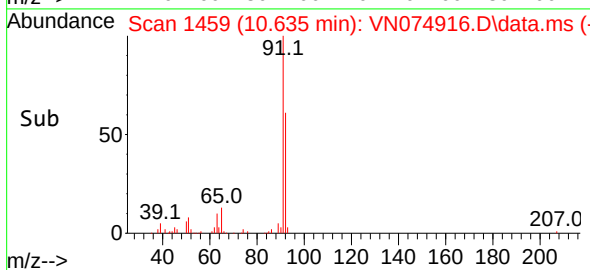
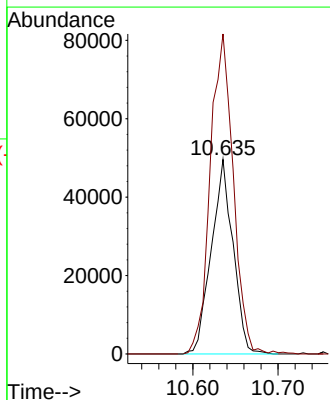
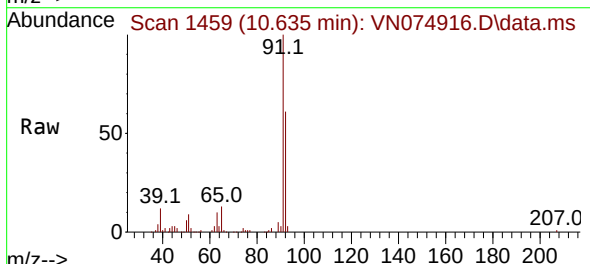
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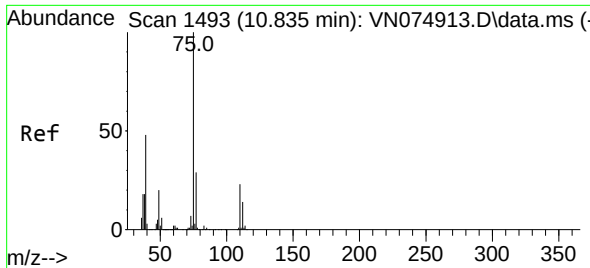
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 5.501 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

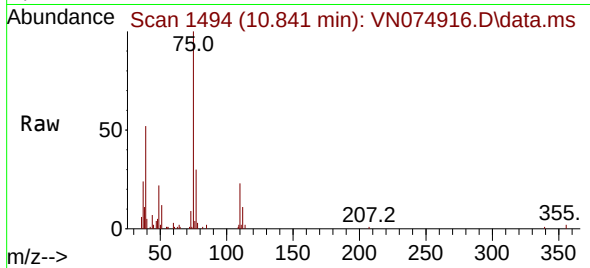
Tgt Ion: 92 Resp: 87917
Ion Ratio Lower Upper
92 100
91 173.7 141.0 211.6





#53
t-1,3-Dichloropropene
Concen: 4.983 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

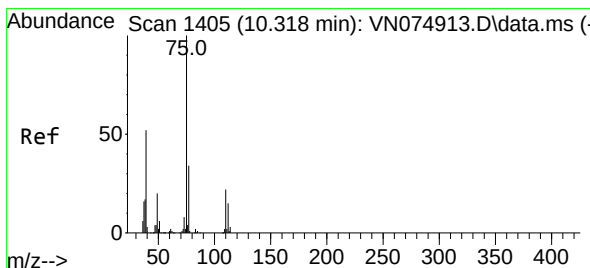
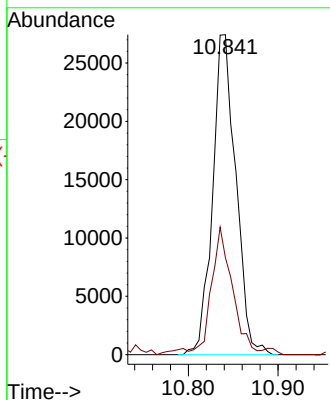
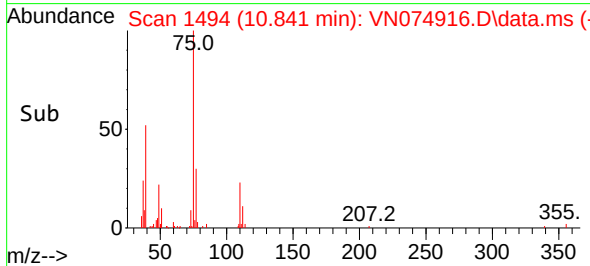
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 49380
Ion Ratio Lower Upper
75 100
77 29.5 23.4 35.0

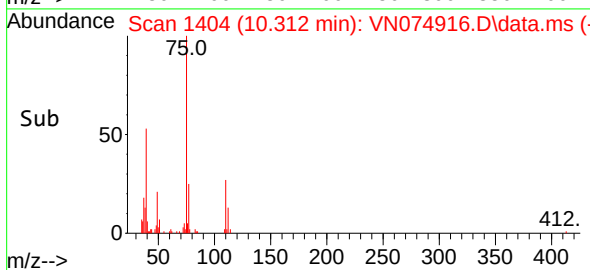
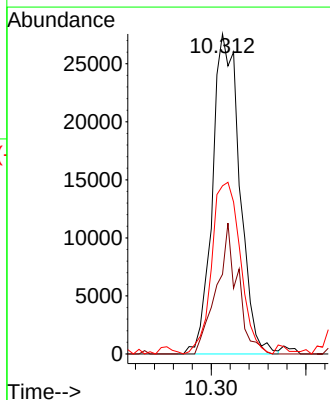
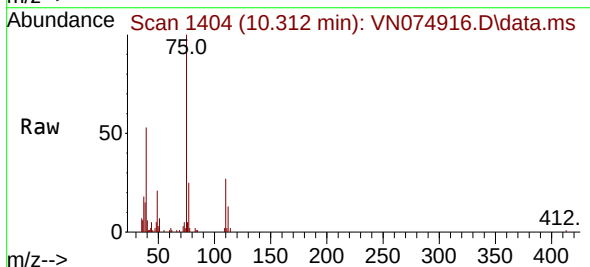
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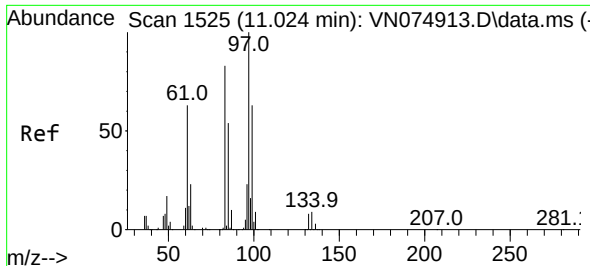
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#54
cis-1,3-Dichloropropene
Concen: 5.187 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

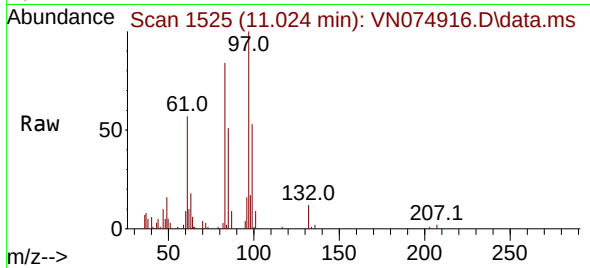
Tgt Ion: 75 Resp: 55130
Ion Ratio Lower Upper
75 100
77 24.9 27.6 41.4#
39 51.9 41.6 62.4





#55
1,1,2-Trichloroethane
Concen: 5.398 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

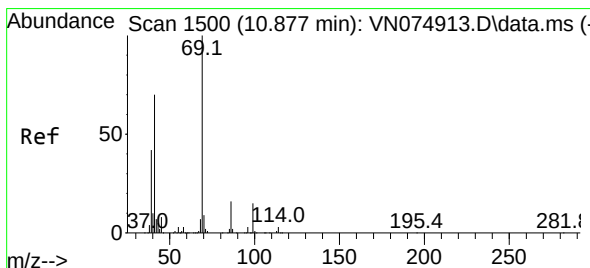
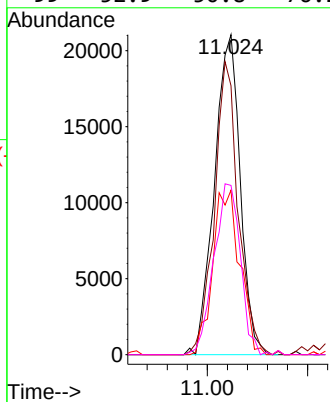
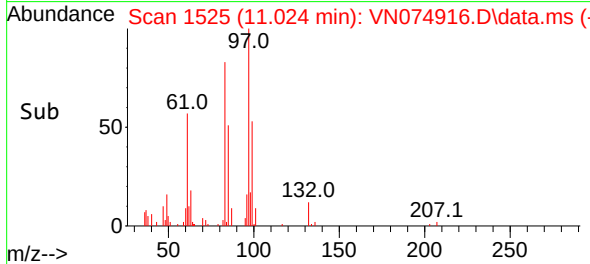


Tgt Ion: 97 Resp: 37540

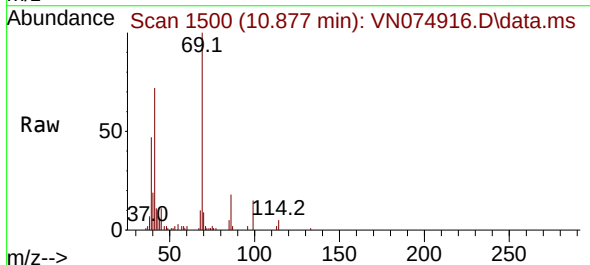
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.6	100.0
85	51.4	43.0	64.4
99	52.9	50.8	76.2

Manual Integrations
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Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

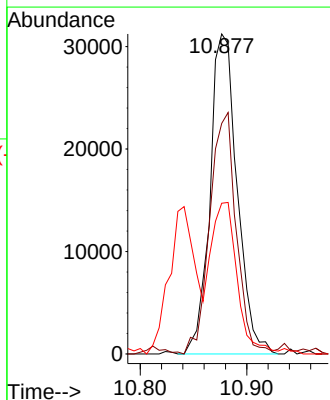
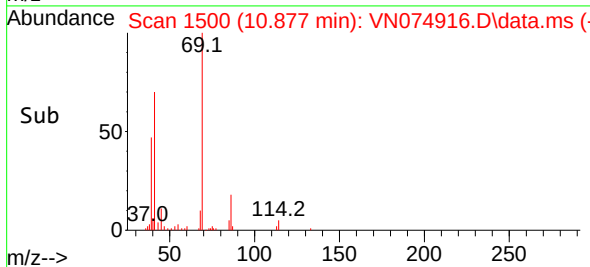


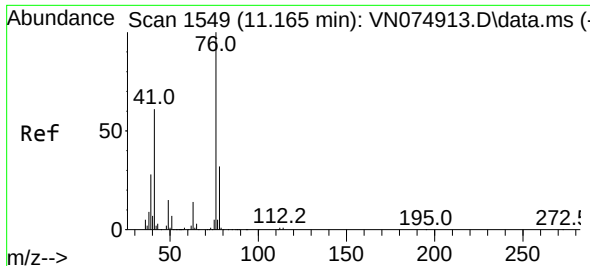
#56
Ethyl methacrylate
Concen: 4.991 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion: 69 Resp: 55209

Ion	Ratio	Lower	Upper
69	100		
41	72.5	55.9	83.9
39	44.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 5.156 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 6331

Ion Ratio Lower Upper

76 100

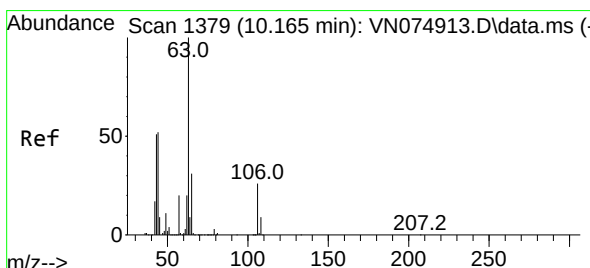
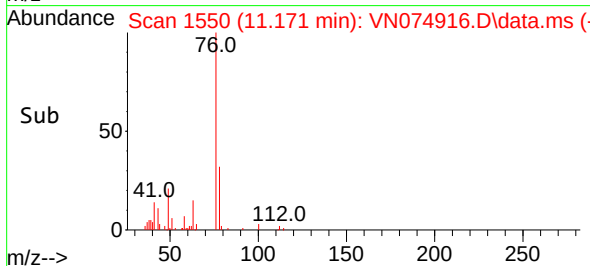
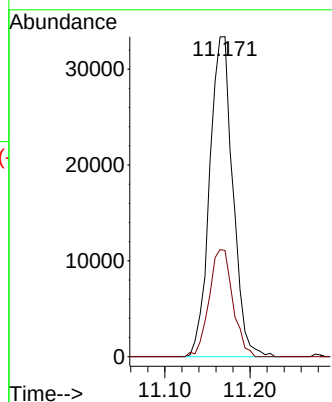
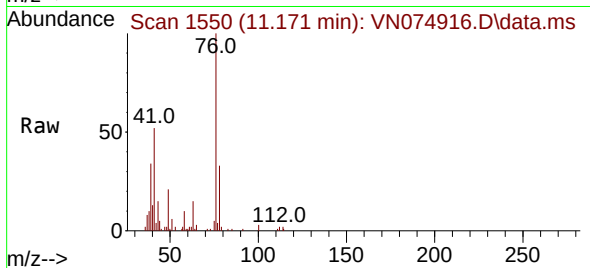
78 34.2 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.305 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074916.D

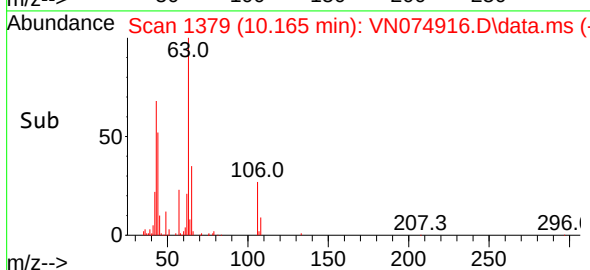
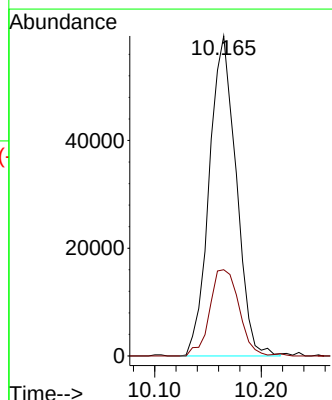
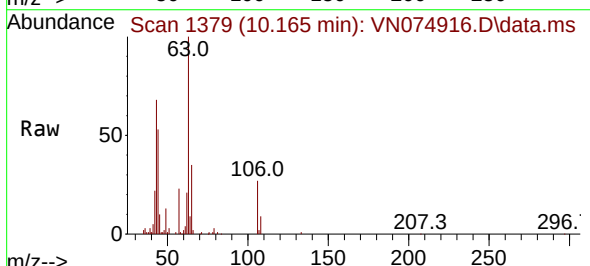
Acq: 17 Oct 2022 14:39

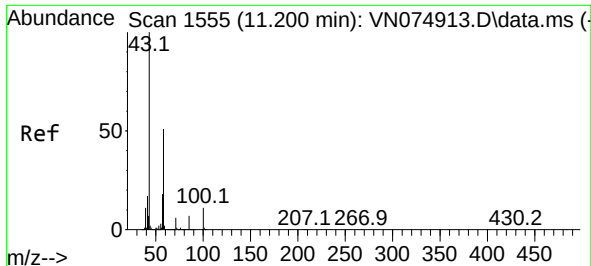
Tgt Ion: 63 Resp: 104129

Ion Ratio Lower Upper

63 100

106 29.5 20.8 31.2





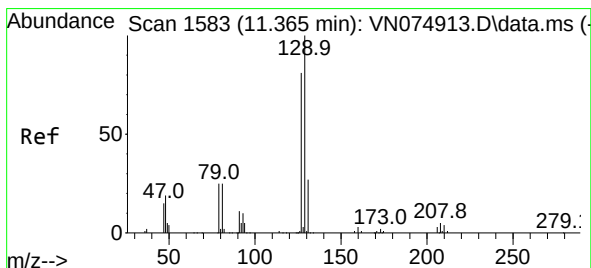
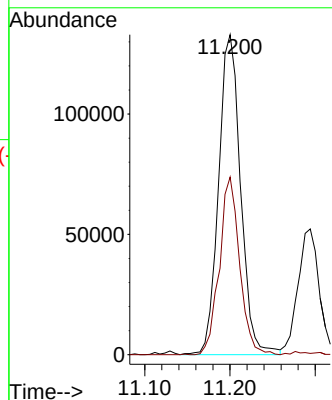
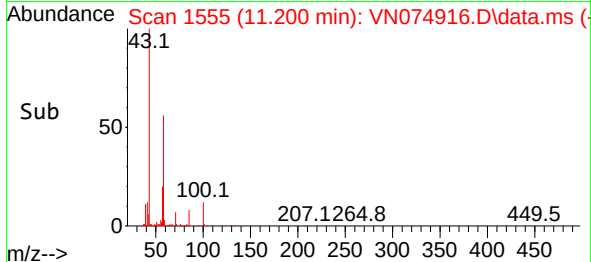
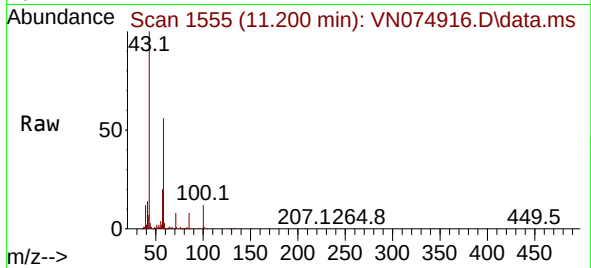
#59
2-Hexanone
Concen: 25.422 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 238620
Ion Ratio Lower Upper
43 100
58 50.9 26.3 78.9

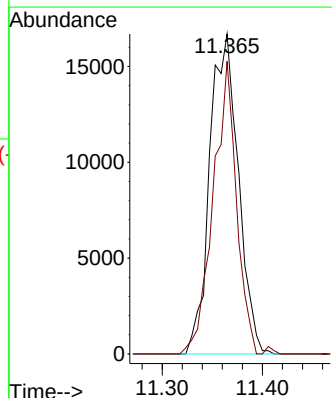
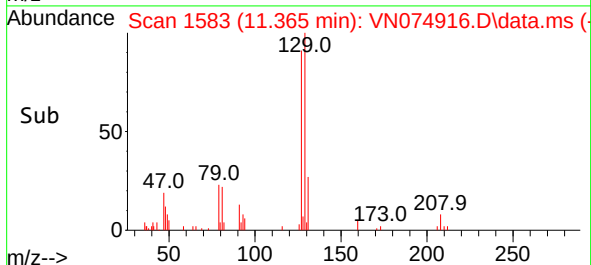
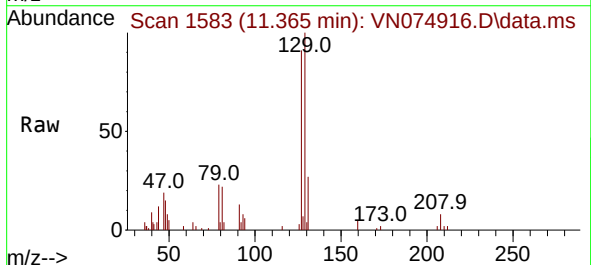
Manual Integrations
APPROVED

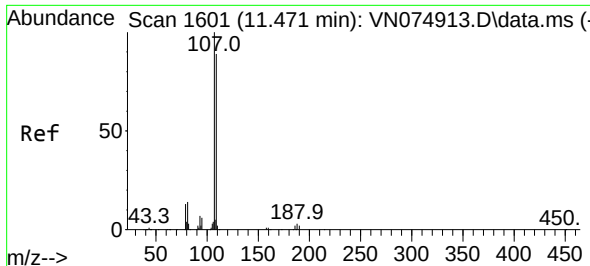
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#60
Dibromochloromethane
Concen: 5.154 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion:129 Resp: 33124
Ion Ratio Lower Upper
129 100
127 74.2 39.4 118.2





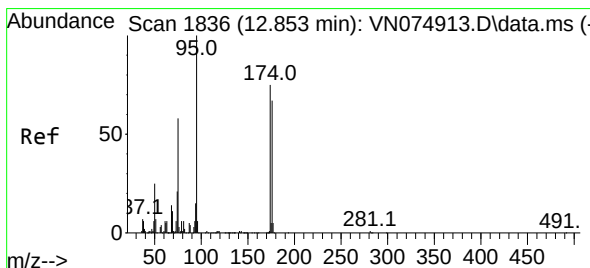
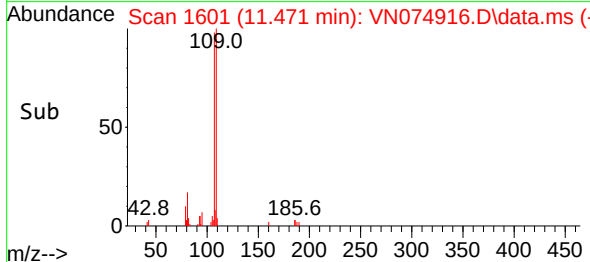
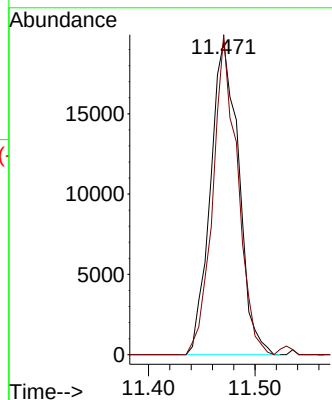
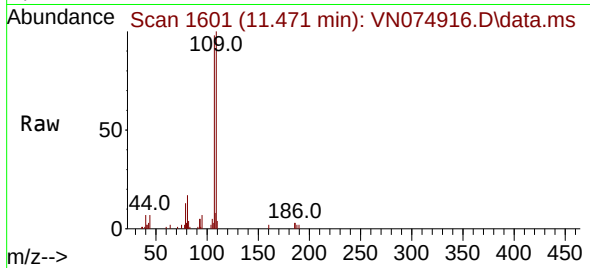
#61
1,2-Dibromoethane
Concen: 5.454 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 36004
Ion Ratio Lower Upper
107 100
109 88.8 77.6 116.4

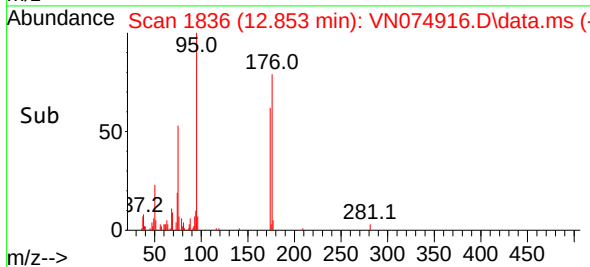
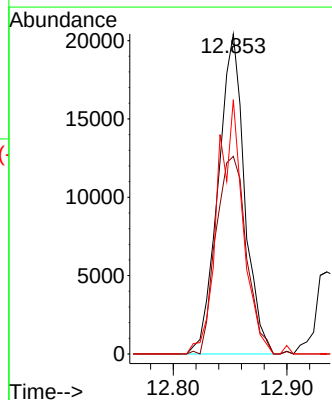
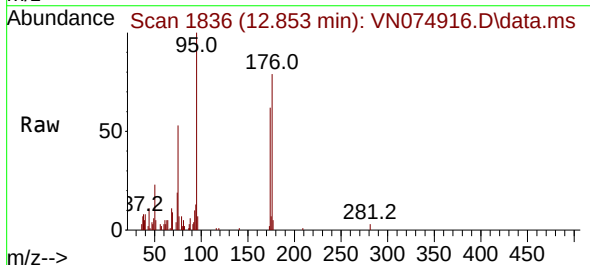
Manual Integrations
APPROVED

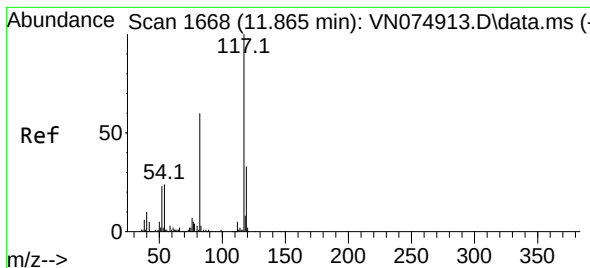
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
4-Bromofluorobenzene
Concen: 4.541 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

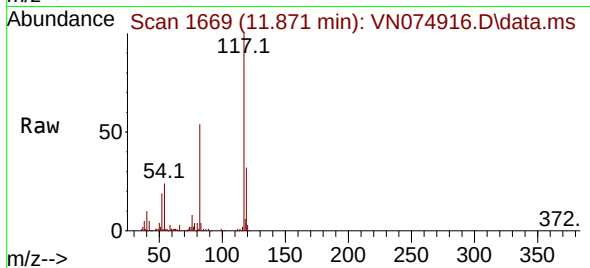
Tgt Ion: 95 Resp: 33031
Ion Ratio Lower Upper
95 100
174 71.0 0.0 157.8
176 76.6 0.0 148.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

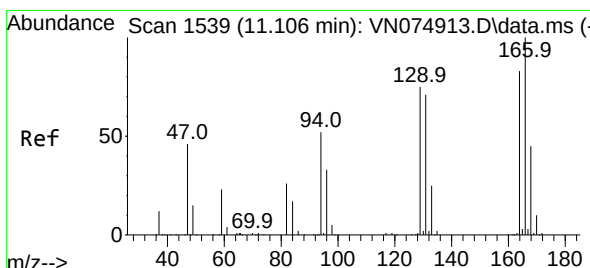
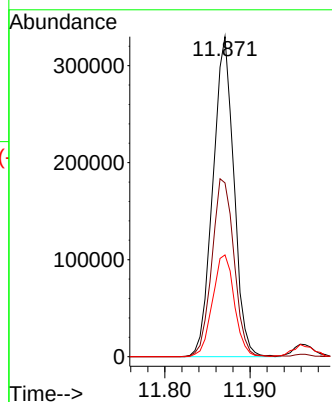
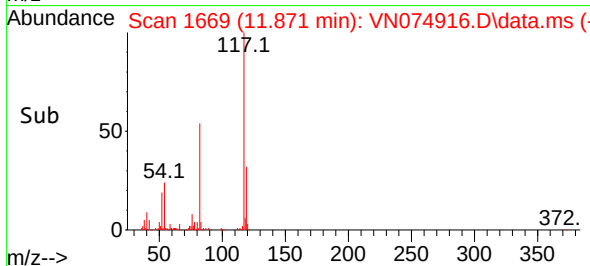
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



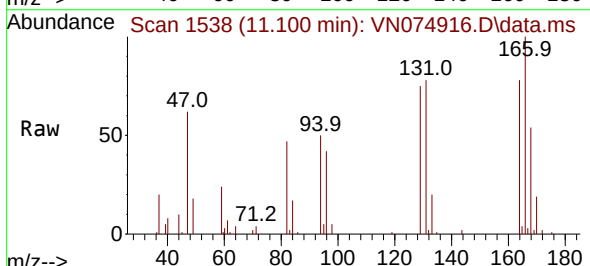
Tgt Ion:117 Resp: 563534
Ion Ratio Lower Upper
117 100
82 54.3 48.0 72.0
119 31.8 26.1 39.1

Manual Integrations
APPROVED

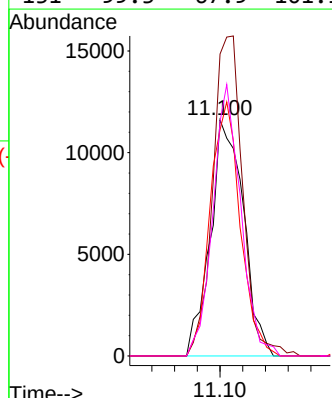
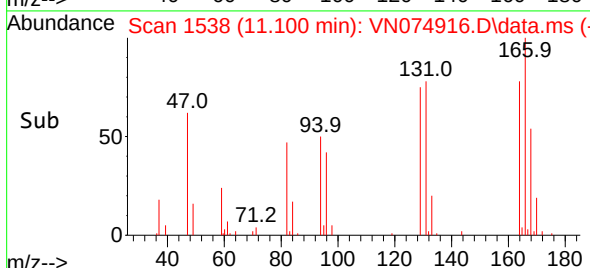
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

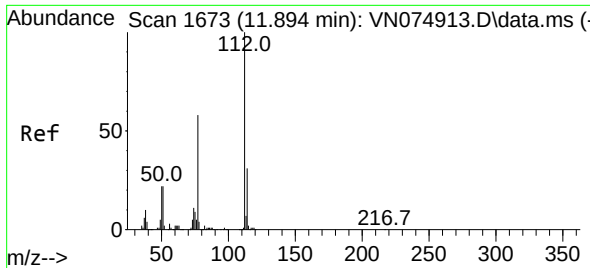


#64
Tetrachloroethene
Concen: 5.664 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion:164 Resp: 23574
Ion Ratio Lower Upper
164 100
166 127.9 95.8 143.8
129 95.8 72.0 108.0
131 99.3 67.9 101.9





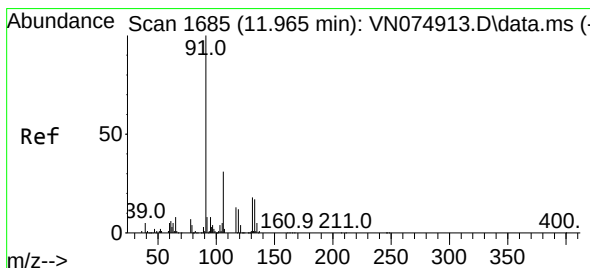
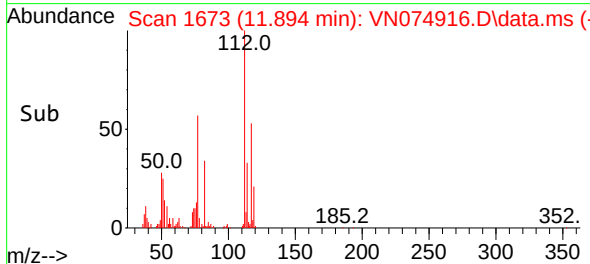
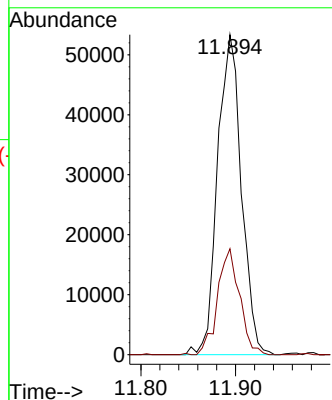
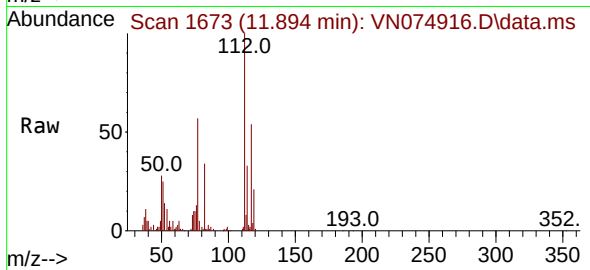
#65
Chlorobenzene
Concen: 5.873 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 93429
Ion Ratio Lower Upper
112 100
114 33.1 25.2 37.8

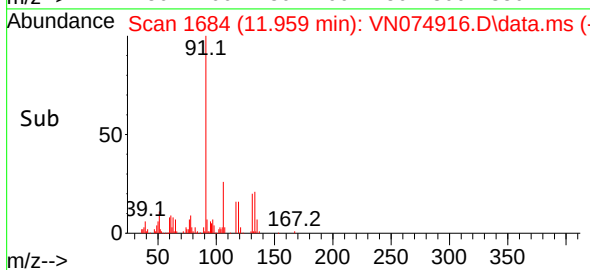
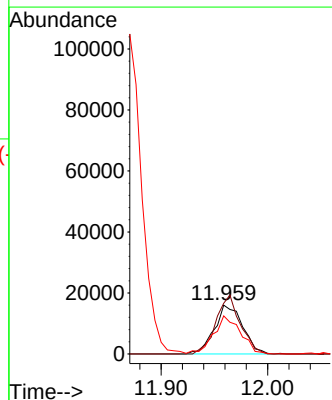
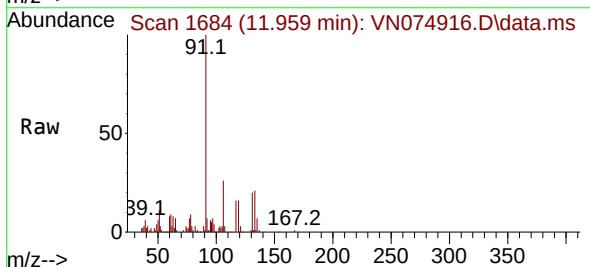
Manual Integrations
APPROVED

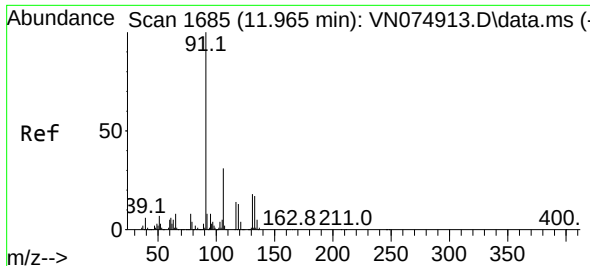
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.248 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

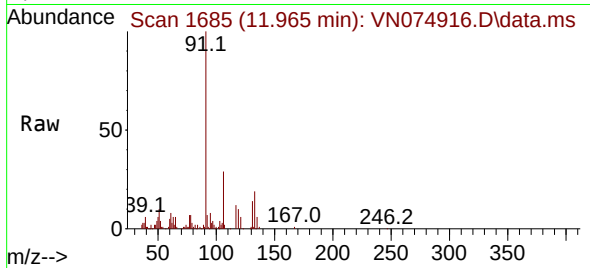
Tgt Ion:131 Resp: 29470
Ion Ratio Lower Upper
131 100
133 104.4 46.1 138.3
119 74.5 32.6 97.8





#67
Ethyl Benzene
Concen: 5.680 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

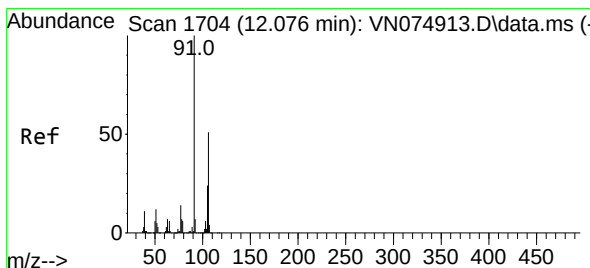
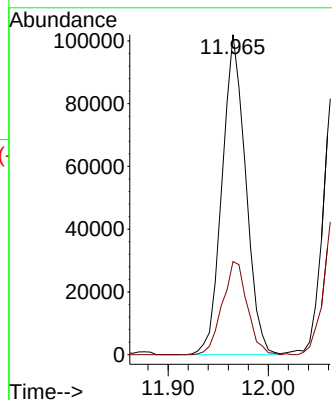
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 166699
Ion Ratio Lower Upper
91 100
106 29.1 24.7 37.1

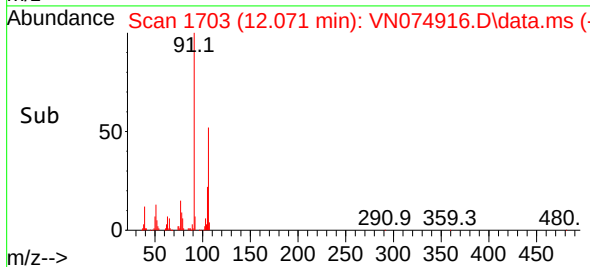
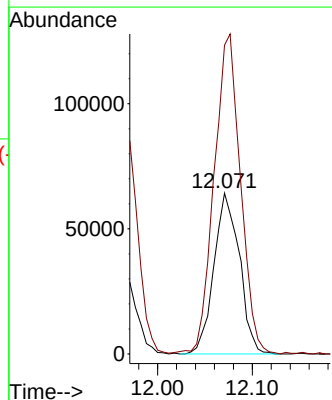
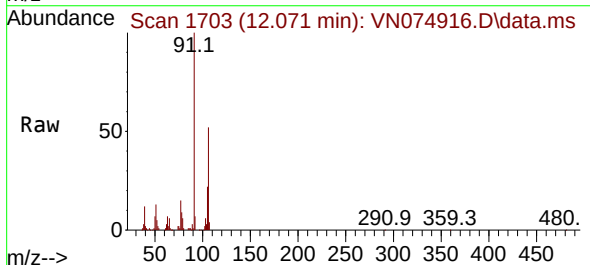
Manual Integrations
APPROVED

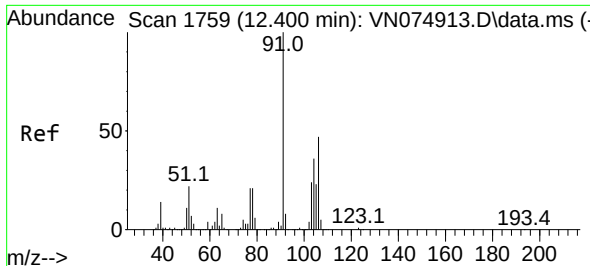
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#68
m/p-Xylenes
Concen: 11.056 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion:106 Resp: 120150
Ion Ratio Lower Upper
106 100
91 206.2 160.6 240.8





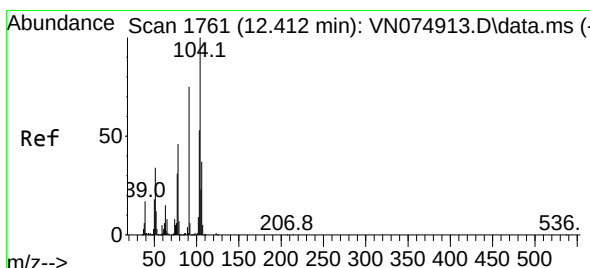
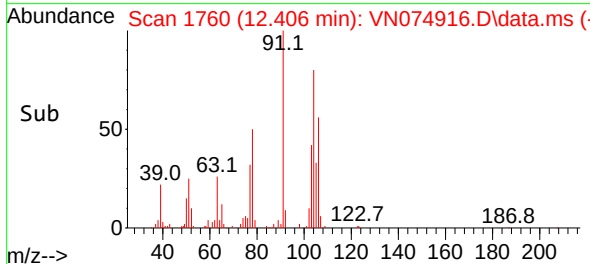
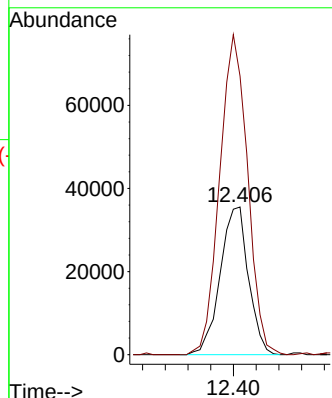
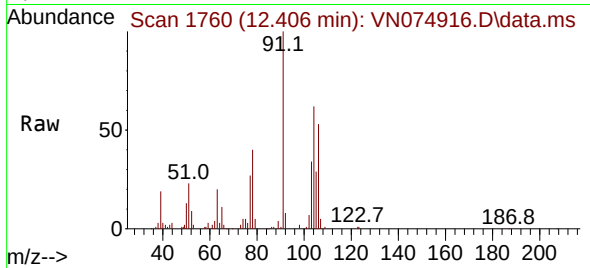
#69
o-Xylene
Concen: 5.449 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 61448
Ion Ratio Lower Upper
106 100
91 214.0 105.9 317.7

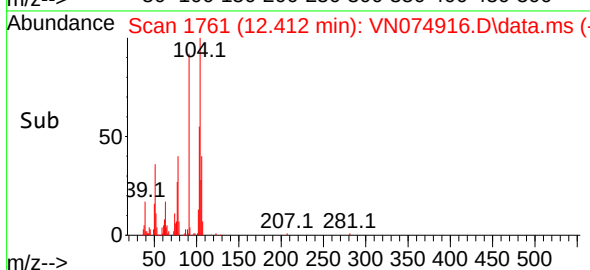
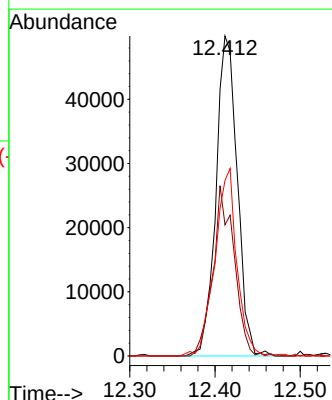
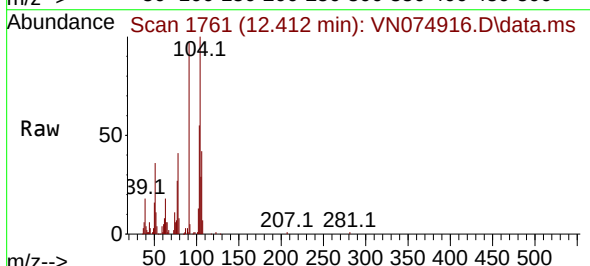
Manual Integrations
APPROVED

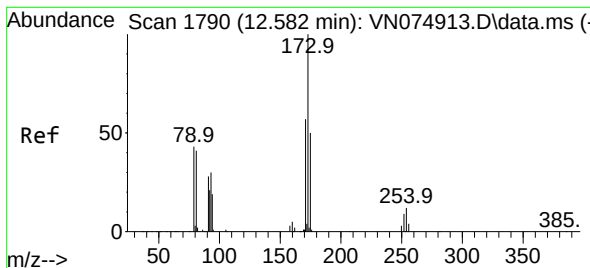
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 4.877 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion:104 Resp: 86768
Ion Ratio Lower Upper
104 100
78 52.9 38.8 58.2
103 60.0 45.0 67.4





#71

Bromoform

Concen: 5.264 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

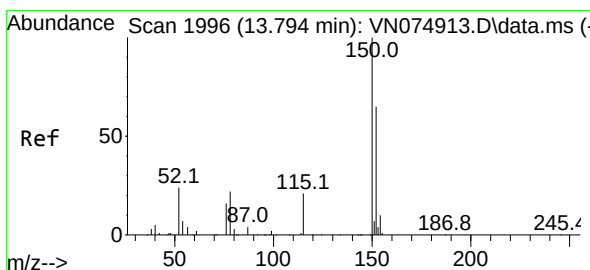
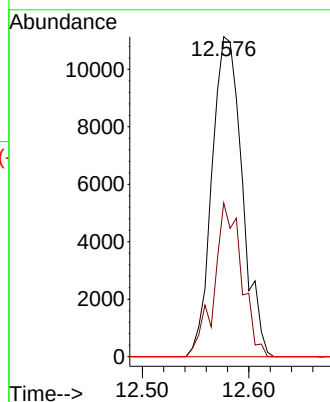
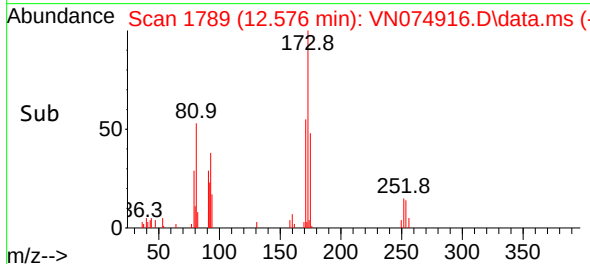
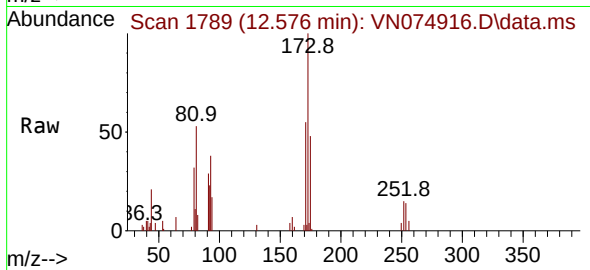
Tgt Ion:	173	Resp:	2197
Ion Ratio	Lower	Upper	
173	100		
175	43.6	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

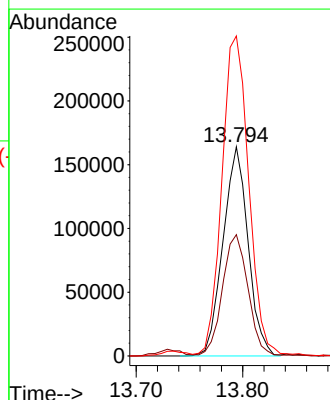
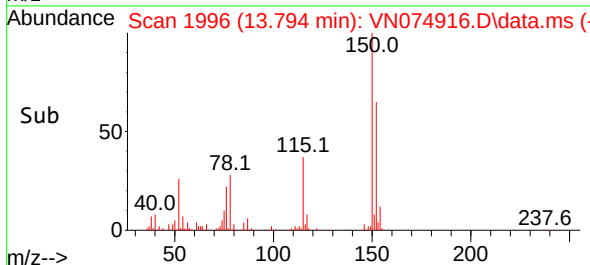
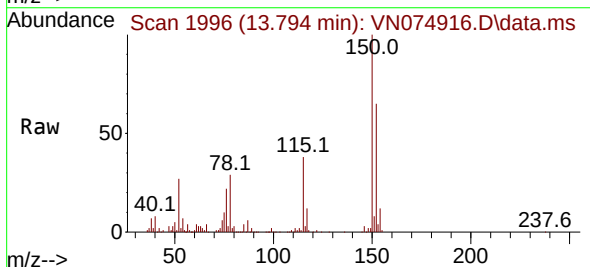
RT: 13.794 min Scan# 1996

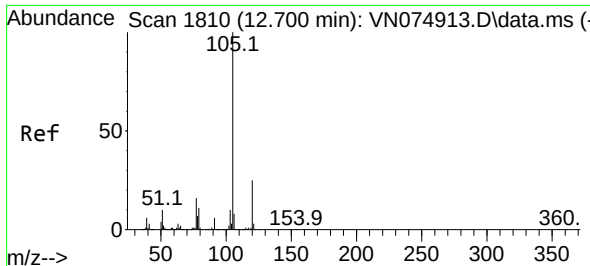
Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

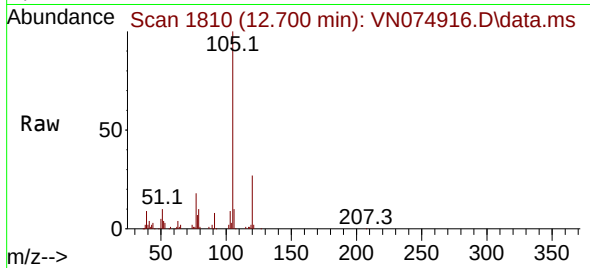
Tgt Ion:	152	Resp:	267665
Ion Ratio	Lower	Upper	
152	100		
115	59.4	29.7	89.1
150	164.7	0.0	341.6





#73
Isopropylbenzene
Concen: 5.510 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

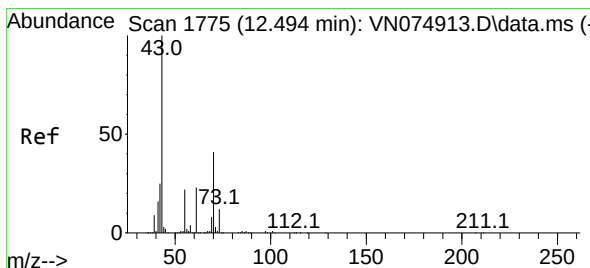
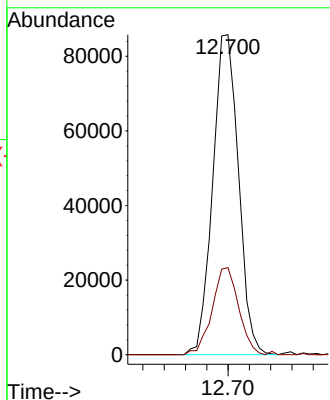
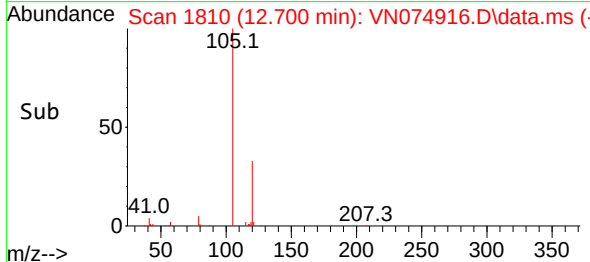
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:105 Resp: 144039
Ion Ratio Lower Upper
105 100
120 28.0 12.9 38.7

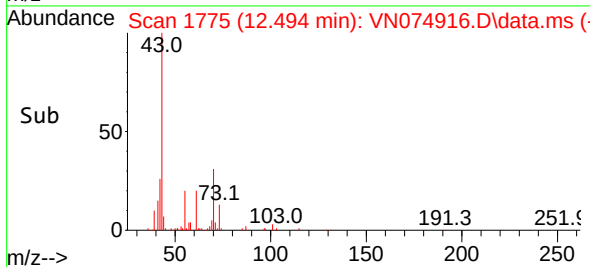
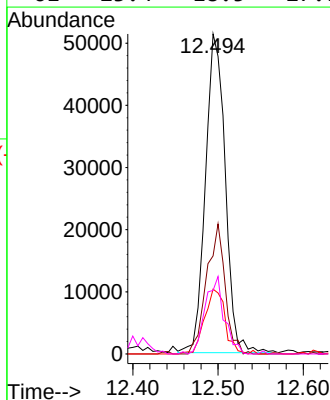
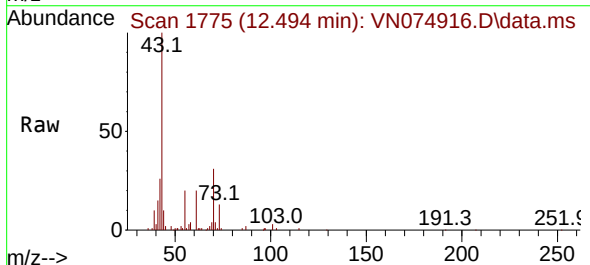
Manual Integrations
APPROVED

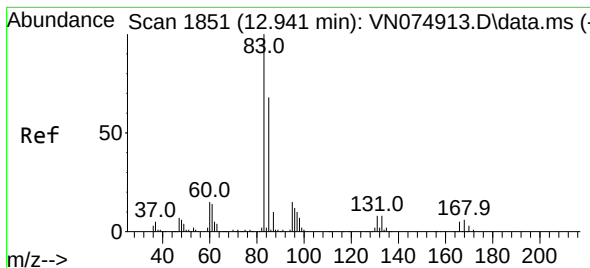
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 5.676 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Tgt Ion: 43 Resp: 82856
Ion Ratio Lower Upper
43 100
70 38.3 32.1 48.1
55 20.9 17.7 26.5
61 23.4 18.5 27.7





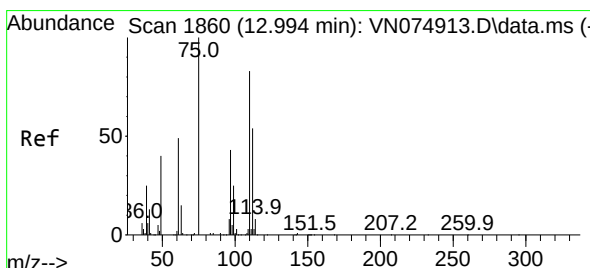
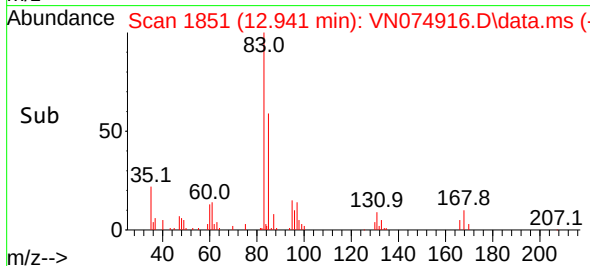
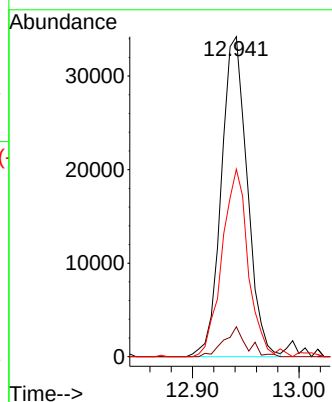
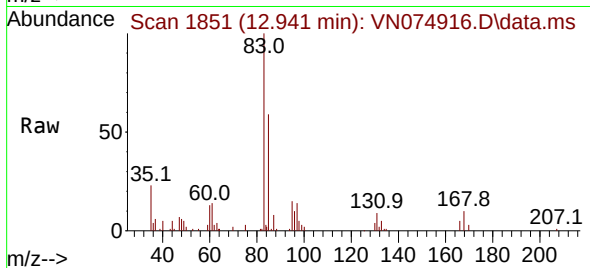
#75
1,1,2,2-Tetrachloroethane
Concen: 5.849 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 58014
Ion Ratio Lower Upper
83 100
131 8.1 4.3 12.8
85 59.1 32.6 97.8

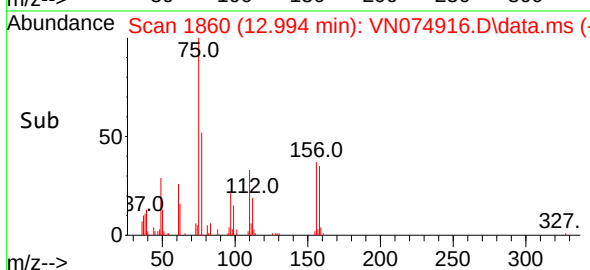
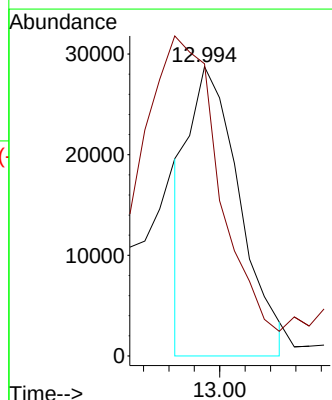
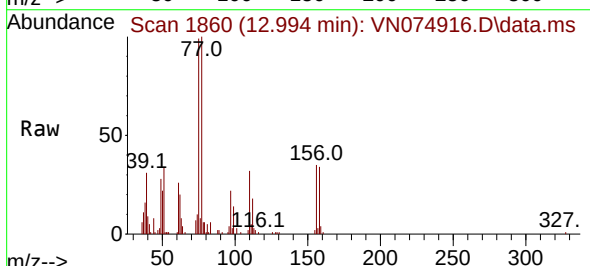
Manual Integrations
APPROVED

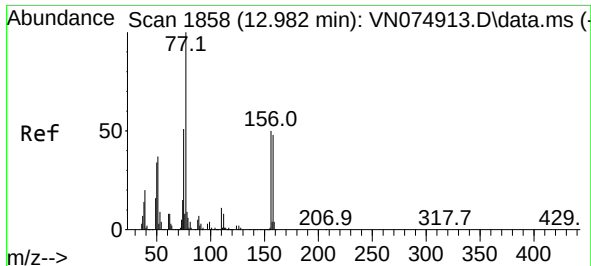
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#76
1,2,3-Trichloropropane
Concen: 5.235 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

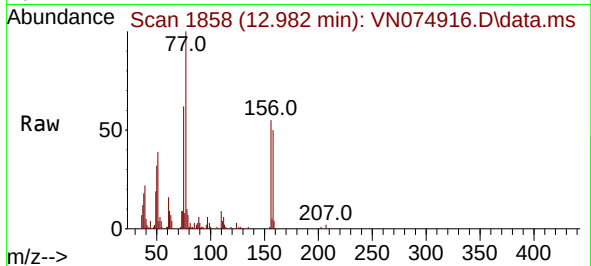
Tgt Ion: 75 Resp: 40348
Ion Ratio Lower Upper
75 100
77 180.9 77.8 233.5





#77
Bromobenzene
Concen: 5.908 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

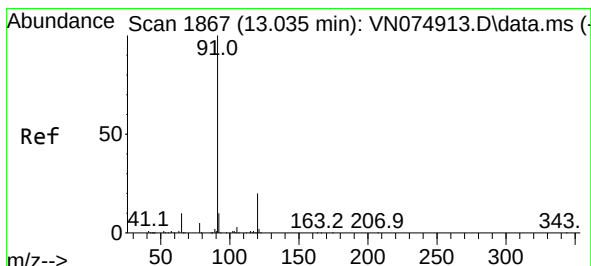
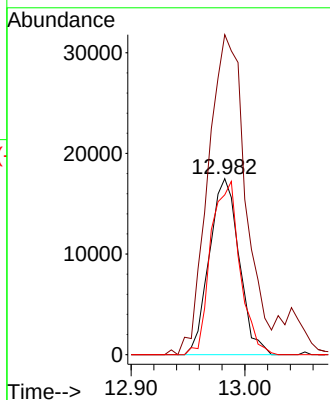
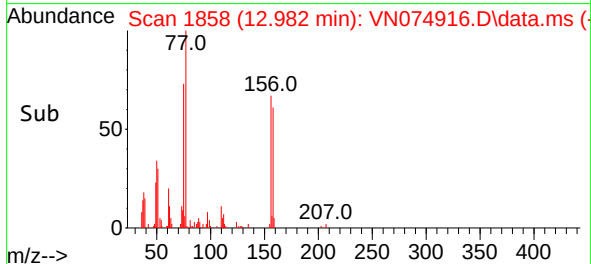
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



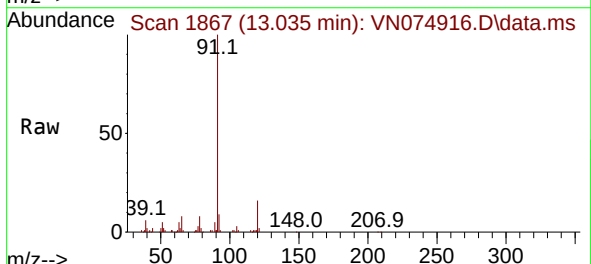
Tgt Ion:156 Resp: 31892
Ion Ratio Lower Upper
156 100
77 228.9 116.7 350.1
158 96.1 48.2 144.6

Manual Integrations
APPROVED

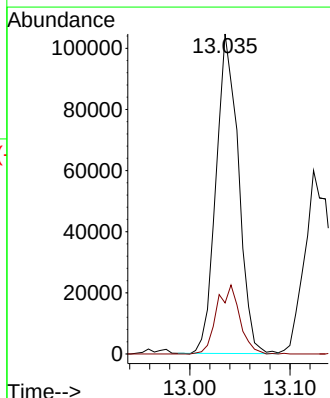
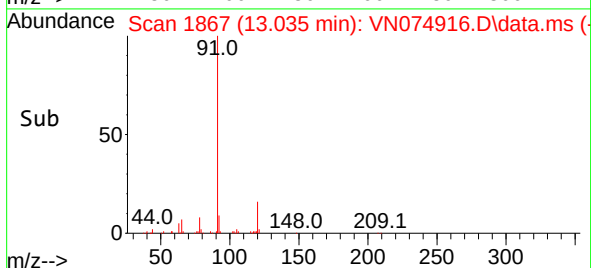
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

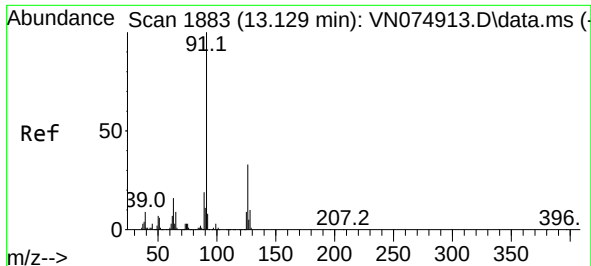


#78
n-propylbenzene
Concen: 5.401 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



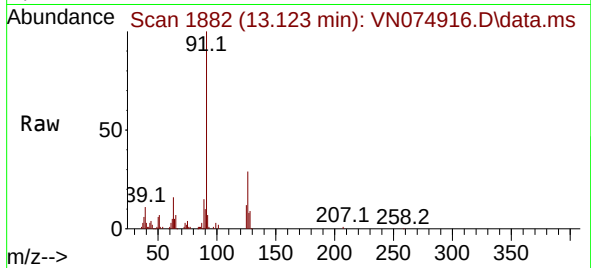
Tgt Ion: 91 Resp: 162172
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





#79
2-Chlorotoluene
Concen: 5.978 ug/l
RT: 13.123 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

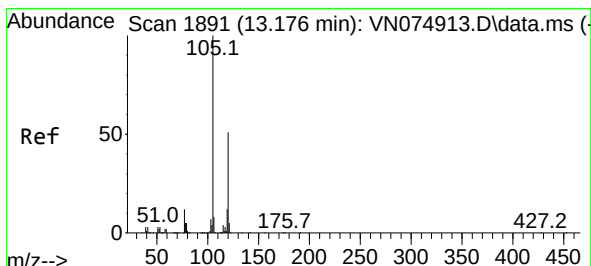
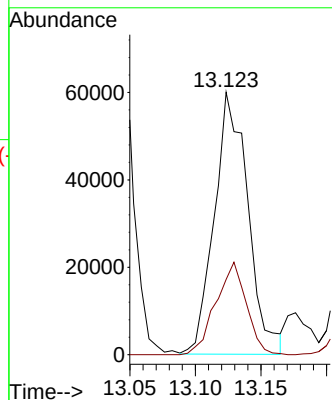
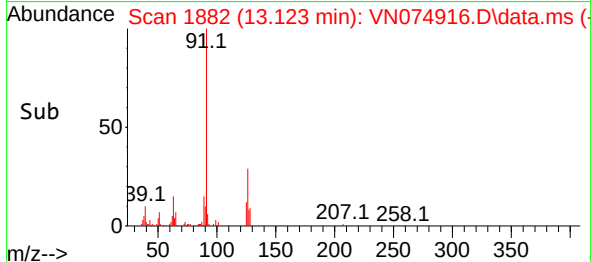
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 10688
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7

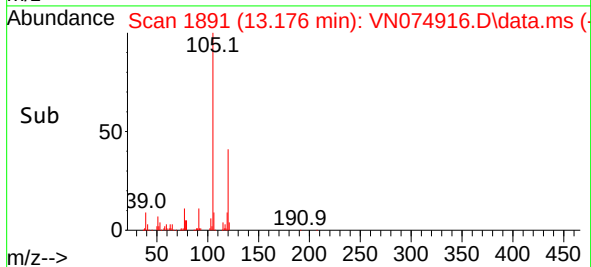
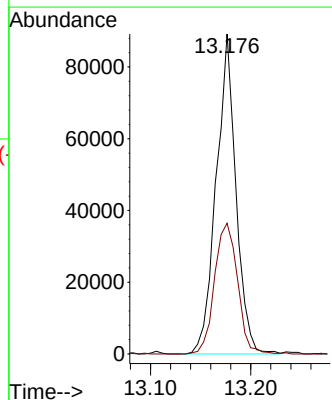
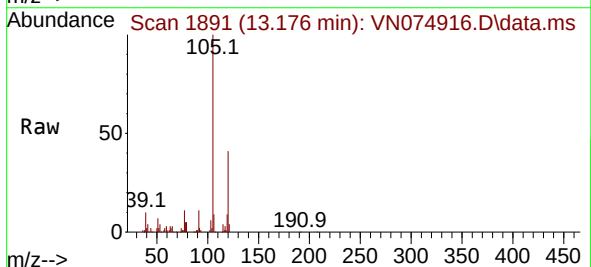
Manual Integrations
APPROVED

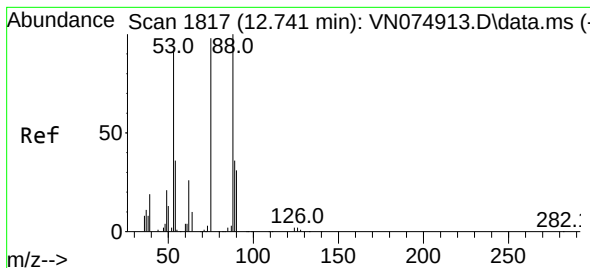
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.881 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

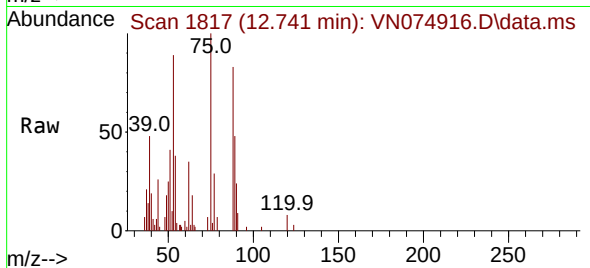
Tgt Ion:105 Resp: 122320
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 5.936 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

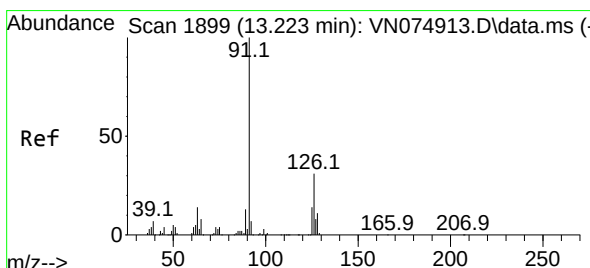
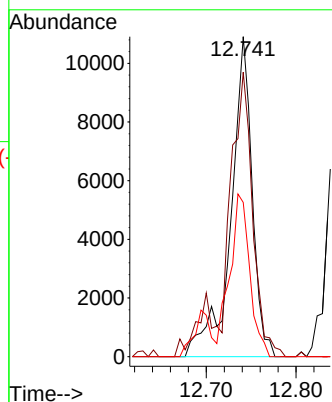
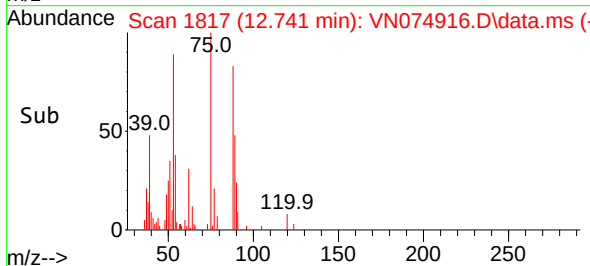
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1799
Ion Ratio Lower Upper
75 100
53 91.5 82.4 123.6
89 47.6 34.7 52.1

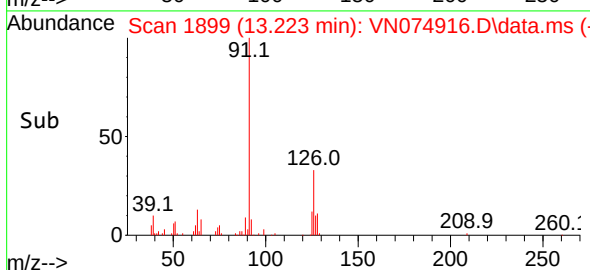
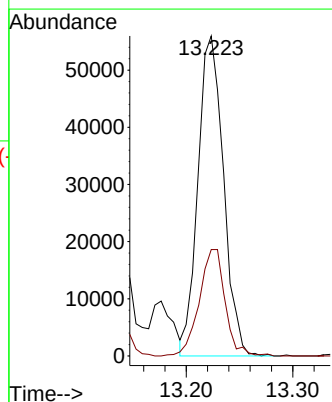
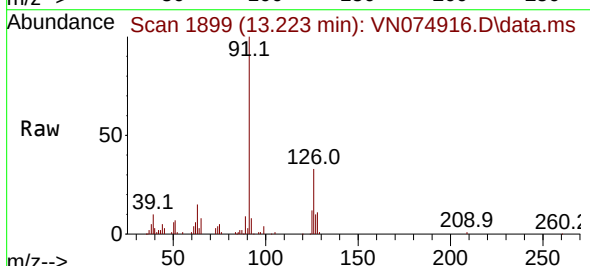
Manual Integrations
APPROVED

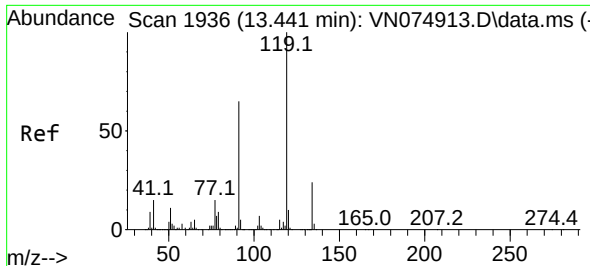
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 5.780 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

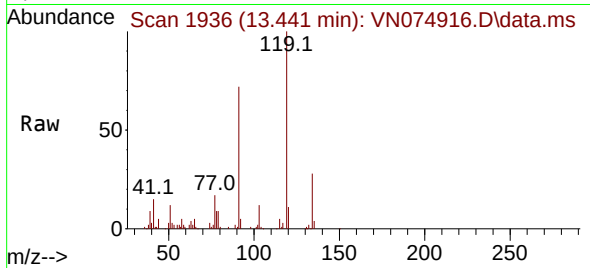
Tgt Ion: 91 Resp: 93190
Ion Ratio Lower Upper
91 100
126 33.8 16.0 47.9





#83
tert-Butylbenzene
Concen: 5.807 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

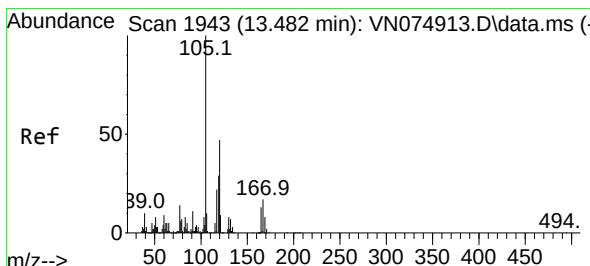
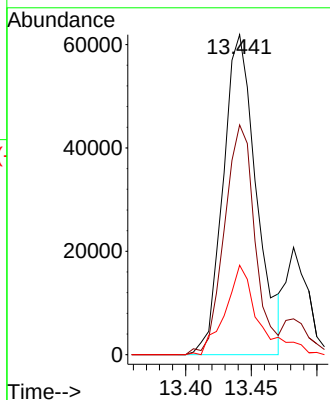
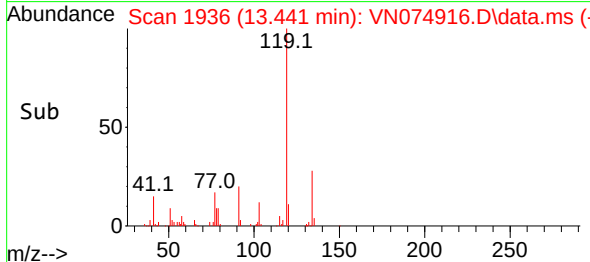
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



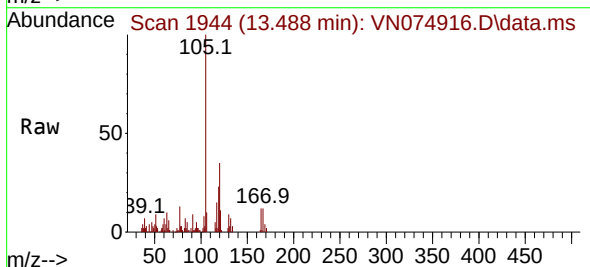
Tgt Ion:119 Resp: 10925
Ion Ratio Lower Upper
119 100
91 66.1 33.1 99.2
134 28.0 13.1 39.3

Manual Integrations
APPROVED

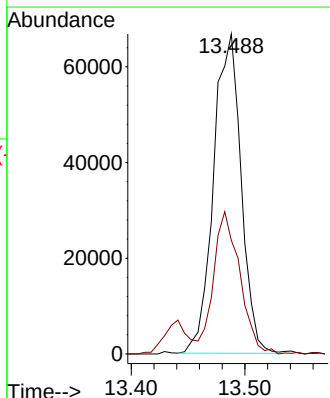
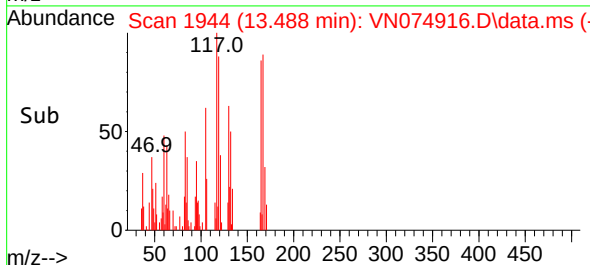
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

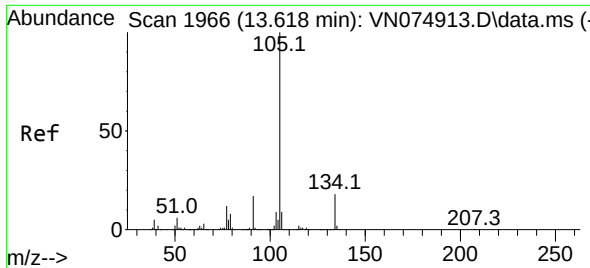


#84
1,2,4-Trimethylbenzene
Concen: 5.685 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion:105 Resp: 112432
Ion Ratio Lower Upper
105 100
120 42.0 21.9 65.8





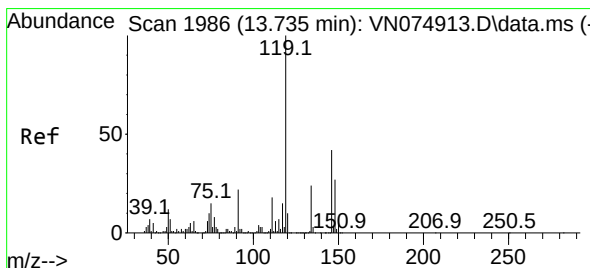
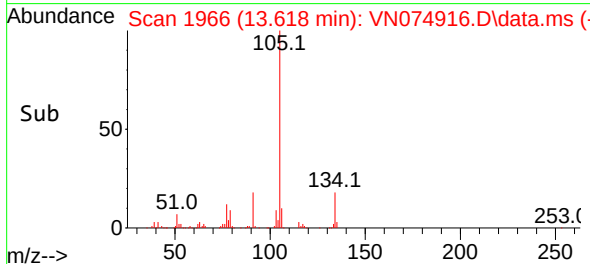
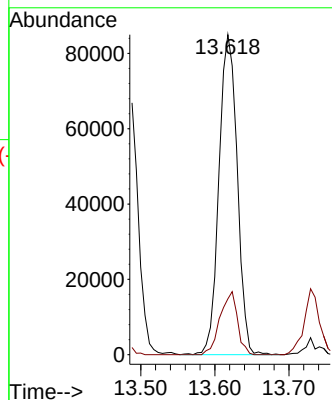
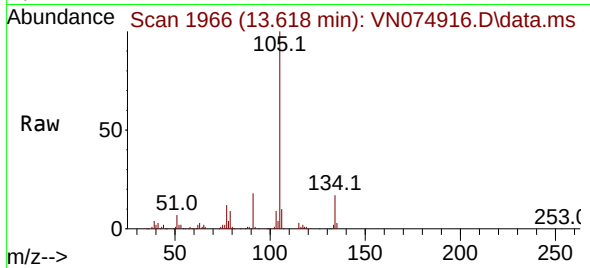
#85
 sec-Butylbenzene
 Concen: 5.634 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 145615
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.2 27.4

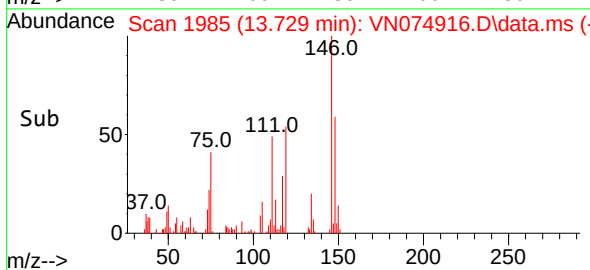
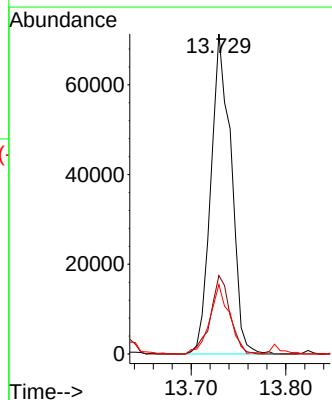
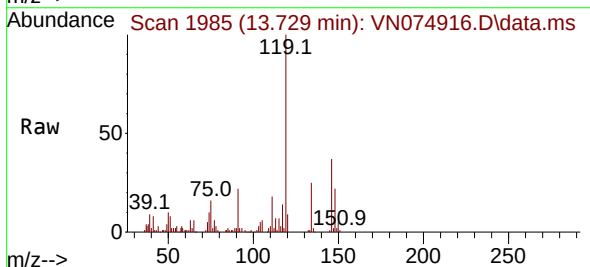
Manual Integrations
 APPROVED

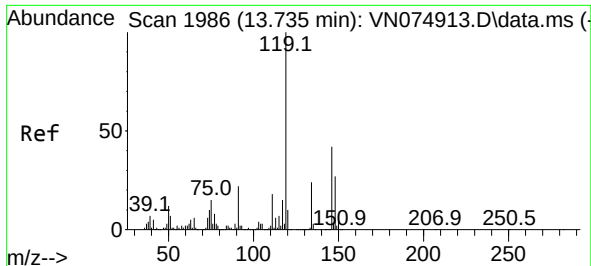
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#86
 p-Isopropyltoluene
 Concen: 5.256 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074916.D
 Acq: 17 Oct 2022 14:39

Tgt Ion:119 Resp: 105779
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.3 36.9
 91 21.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 5.340 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

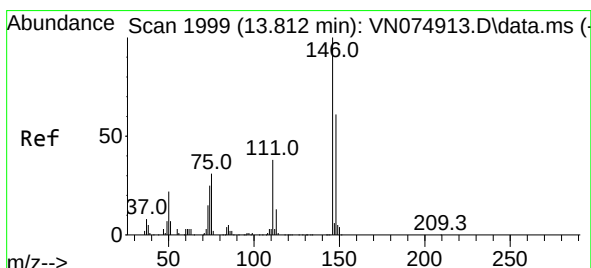
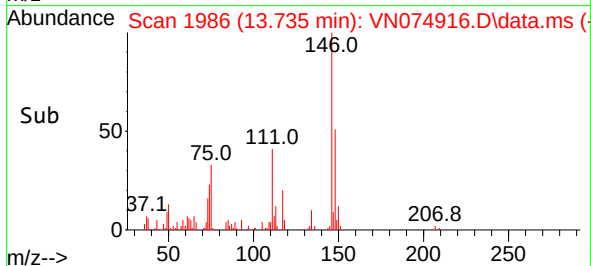
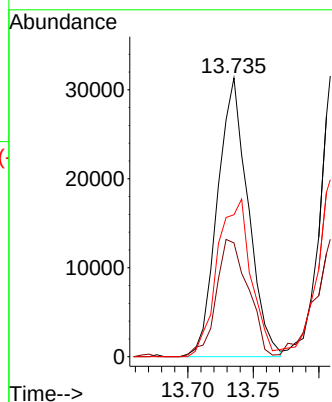
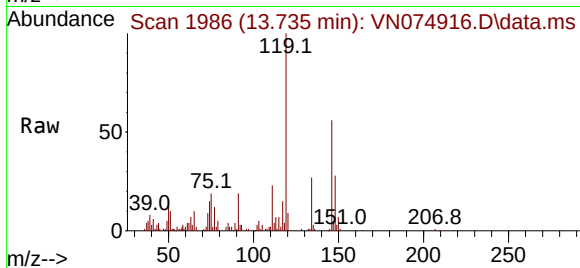
Tgt Ion:	146	Resp:	5100
Ion Ratio	Lower	Upper	
146	100		
111	43.9	20.3	60.9
148	62.5	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#88

1,4-Dichlorobenzene

Concen: 5.729 ug/l

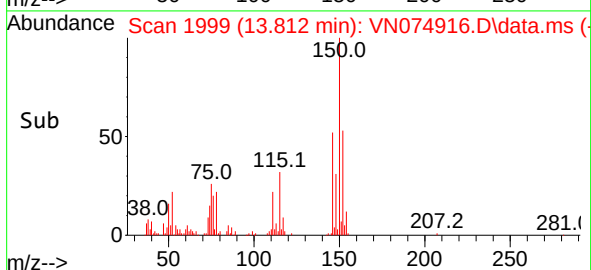
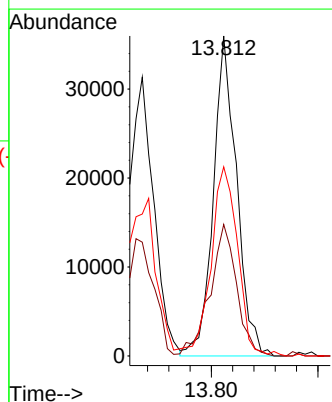
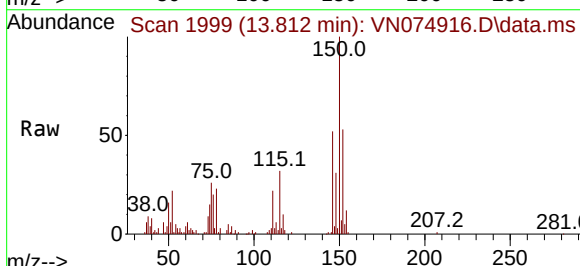
RT: 13.812 min Scan# 1999

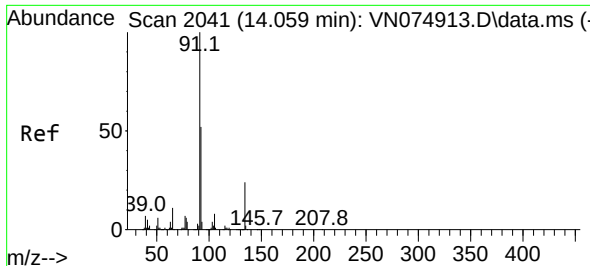
Delta R.T. 0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Tgt Ion:	146	Resp:	54607
Ion Ratio	Lower	Upper	
146	100		
111	47.2	19.4	58.1
148	67.4	31.8	95.3





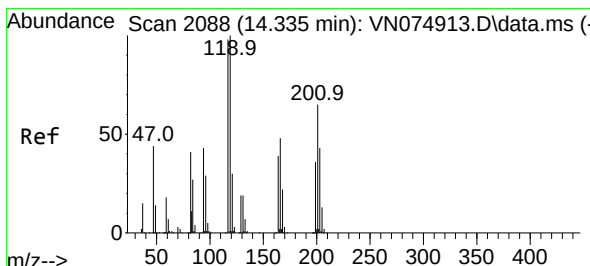
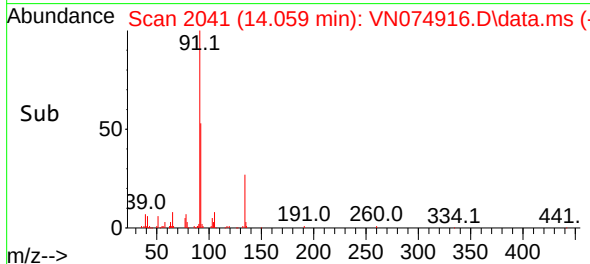
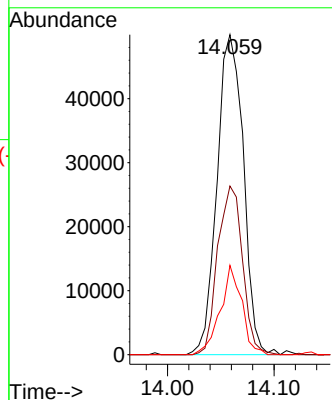
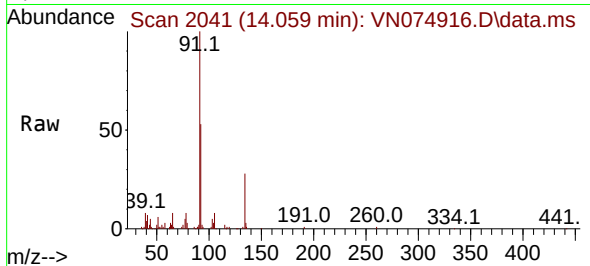
#89
n-Butylbenzene
Concen: 5.226 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 85970
Ion Ratio Lower Upper
91 100
92 49.6 26.0 78.0
134 22.7 11.8 35.3

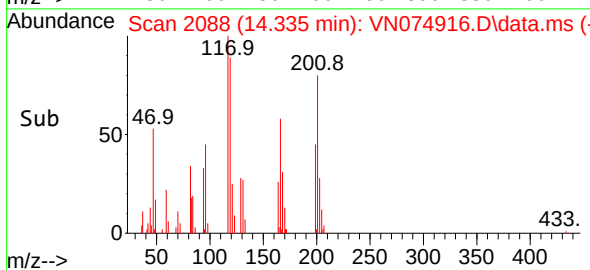
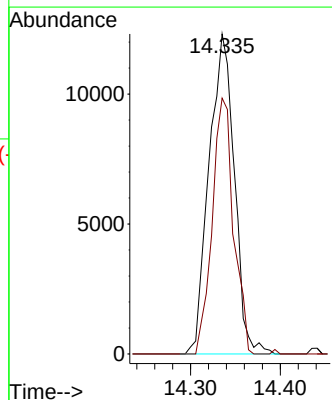
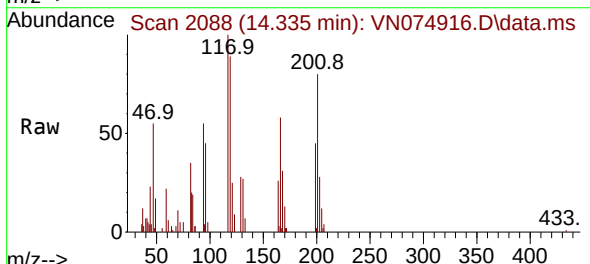
Manual Integrations
APPROVED

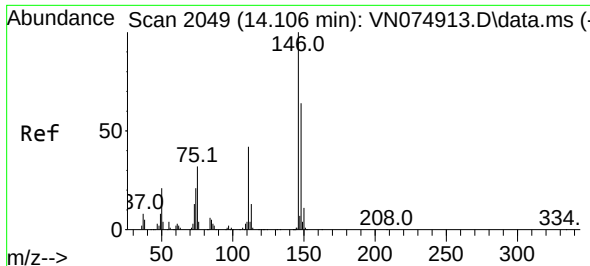
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 5.850 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

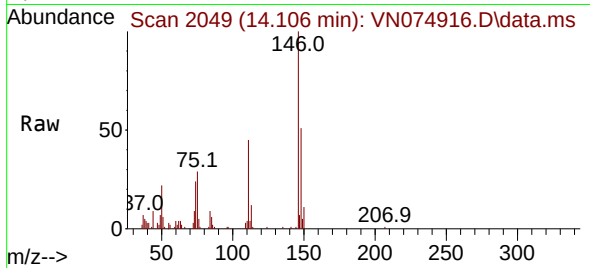
Tgt Ion:117 Resp: 24082
Ion Ratio Lower Upper
117 100
201 67.5 31.6 95.0





#91
1,2-Dichlorobenzene
Concen: 5.607 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

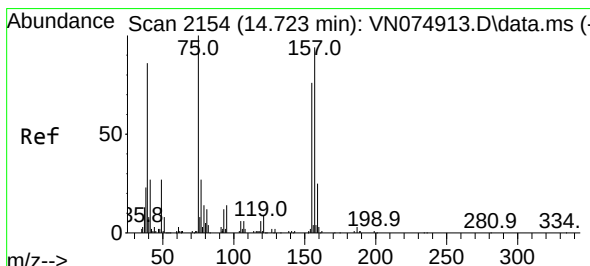
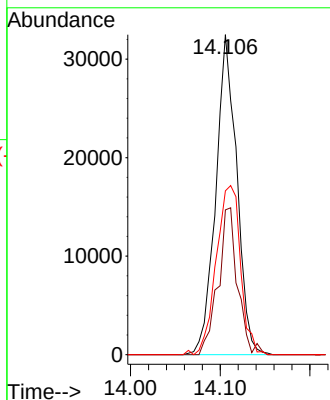
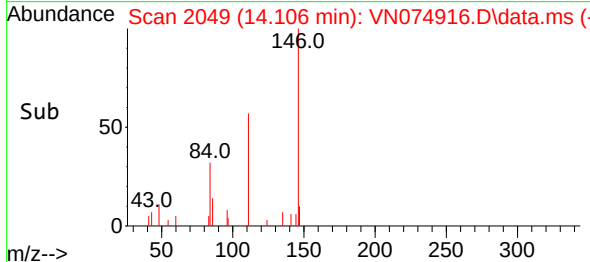
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



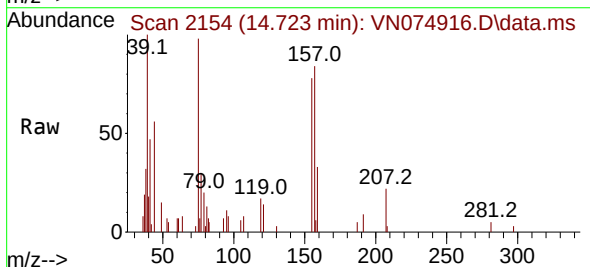
Tgt Ion:146 Resp: 52739
Ion Ratio Lower Upper
146 100
111 42.6 20.4 61.3
148 61.1 32.1 96.3

Manual Integrations
APPROVED

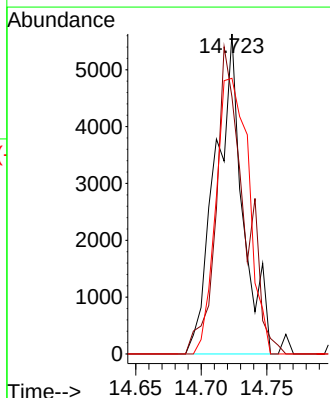
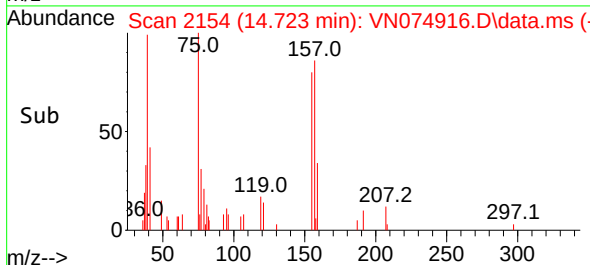
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

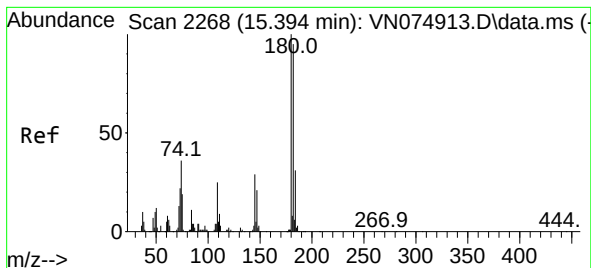


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.757 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion: 75 Resp: 8295
Ion Ratio Lower Upper
75 100
155 97.2 39.9 119.6
157 101.7 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 5.331 ug/l

RT: 15.388 min Scan# 2267

Delta R.T. -0.006 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

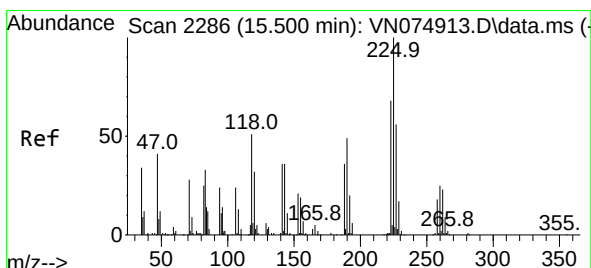
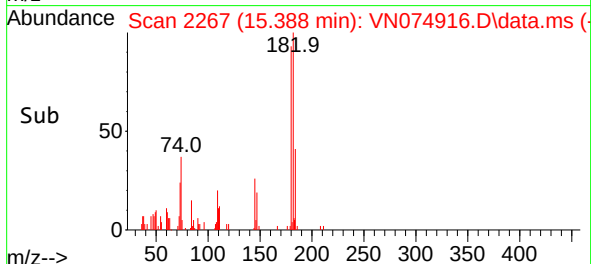
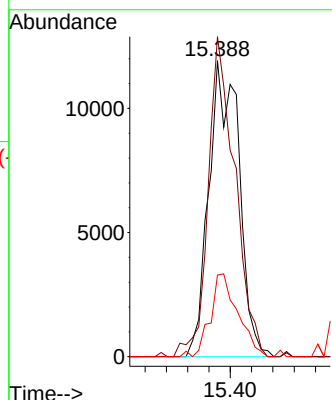
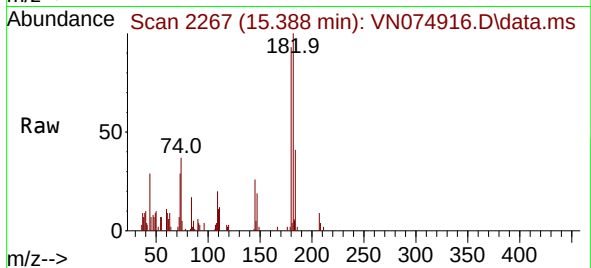
Tgt Ion:	180	Resp:	2341
Ion Ratio	Lower	Upper	
180	100		
182	96.2	49.1	147.3
145	25.5	15.4	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#94

Hexachlorobutadiene

Concen: 5.606 ug/l

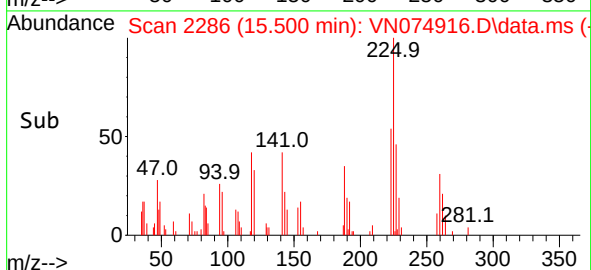
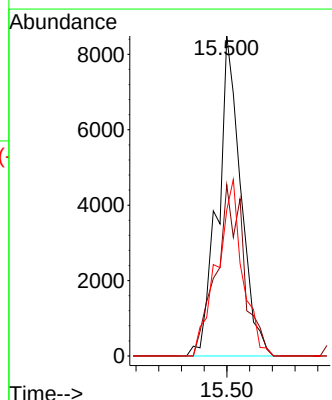
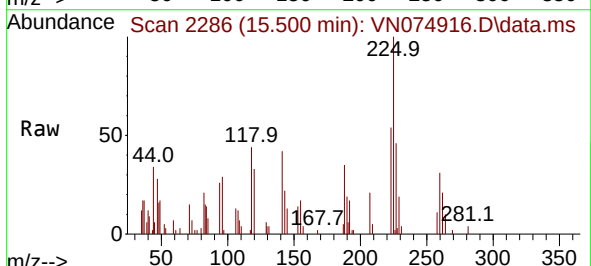
RT: 15.500 min Scan# 2286

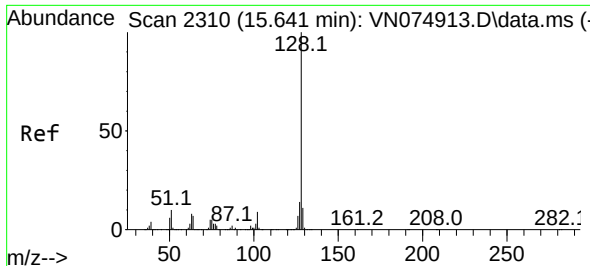
Delta R.T. -0.000 min

Lab File: VN074916.D

Acq: 17 Oct 2022 14:39

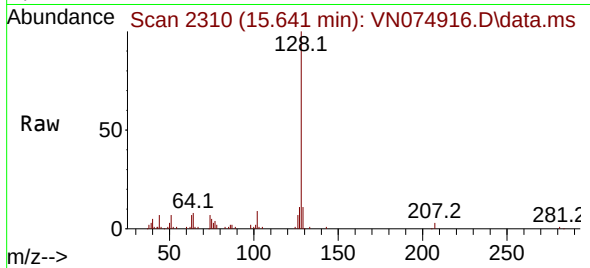
Tgt Ion:	225	Resp:	11958
Ion Ratio	Lower	Upper	
225	100		
223	63.6	29.8	89.5
227	61.1	30.1	90.5





#95
Naphthalene
Concen: 5.313 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39

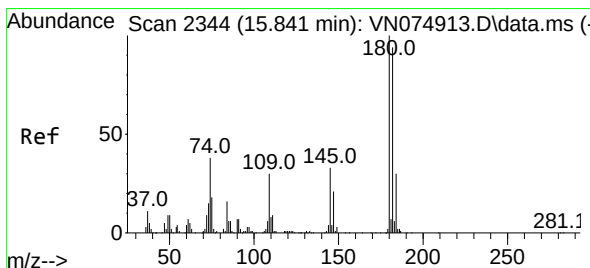
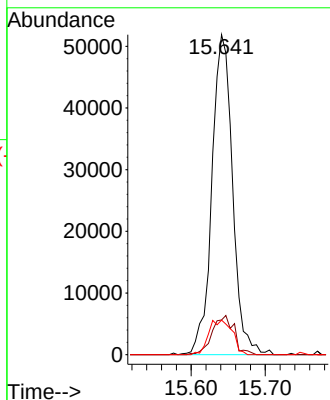
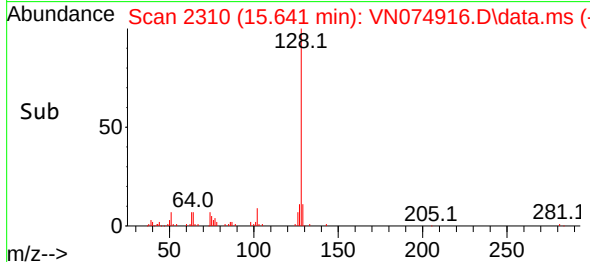
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



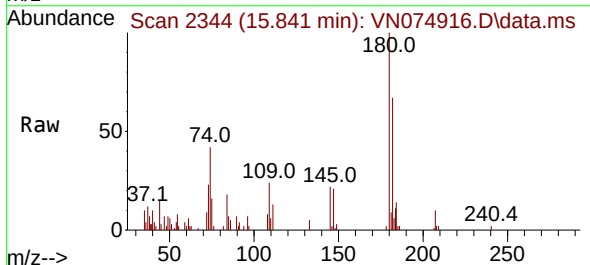
Tgt Ion:128 Resp: 100650
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 12.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.095 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074916.D
Acq: 17 Oct 2022 14:39



Tgt Ion:180 Resp: 23681
Ion Ratio Lower Upper
180 100
182 105.0 46.9 140.6
145 33.1 15.8 47.4

