

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074747.D
 Acq On : 05 Oct 2022 19:12
 Operator : JC\MD
 Sample : VN1005WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 07:40:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	318487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	577653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	602645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	385550	51.091	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.180%			
35) Dibromofluoromethane	8.177	113	299125	51.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	10.571	98	1284881	51.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.853	95	379371	49.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	129601	19.842	ug/l	98
3) Chloromethane	2.383	50	184946	19.040	ug/l	93
4) Vinyl Chloride	2.530	62	242206	20.139	ug/l	98
5) Bromomethane	2.954	94	167272	19.724	ug/l	94
6) Chloroethane	3.124	64	206633	23.222	ug/l	92
7) Trichlorofluoromethane	3.507	101	185144	19.533	ug/l	94
8) Diethyl Ether	3.983	74	95714	19.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	111628	19.224	ug/l	96
10) Methyl Iodide	4.606	142	140792	20.051	ug/l	96
11) Tert butyl alcohol	5.548	59	242152	95.810	ug/l	99
12) 1,1-Dichloroethene	4.359	96	116075	18.779	ug/l	88
13) Acrolein	4.212	56	55685	80.364	ug/l	90
14) Allyl chloride	5.053	41	255618	20.121	ug/l	97
15) Acrylonitrile	5.742	53	541351	98.204	ug/l	100
16) Acetone	4.454	43	407769	95.351	ug/l	98
17) Carbon Disulfide	4.736	76	326461	19.327	ug/l #	94
18) Methyl Acetate	5.053	43	306509	19.359	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	467760	19.452	ug/l	99
20) Methylene Chloride	5.301	84	148737	20.552	ug/l #	88
21) trans-1,2-Dichloroethene	5.800	96	129408	19.572	ug/l #	74
22) Diisopropyl ether	6.700	45	530849	19.675	ug/l	97
23) Vinyl Acetate	6.624	43	2250256	101.530	ug/l	97
24) 1,1-Dichloroethane	6.583	63	265102	19.057	ug/l	99
25) 2-Butanone	7.500	43	763695	98.399	ug/l	99
26) 2,2-Dichloropropane	7.506	77	215064	18.744	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	156897	19.934	ug/l	96
28) Bromochloromethane	7.830	49	120459	19.192	ug/l	96
29) Tetrahydrofuran	7.853	42	504288	93.227	ug/l	98
30) Chloroform	7.977	83	249475	19.580	ug/l	99
31) Cyclohexane	8.265	56	250626	19.216	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	211244	19.451	ug/l	95
36) 1,1-Dichloropropene	8.383	75	186528	19.745	ug/l	98
37) Ethyl Acetate	7.500	43	763695	20.155	ug/l #	52
38) Carbon Tetrachloride	8.371	117	174390	19.576	ug/l	98
39) Methylcyclohexane	9.606	83	251829	20.578	ug/l	97
40) Benzene	8.612	78	604723	19.774	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	153605	20.578	ug/l	96
42) 1,2-Dichloroethane	8.683	62	190226	19.816	ug/l	99
43) Isopropyl Acetate	8.700	43	457974	19.558	ug/l	98
44) Trichloroethene	9.359	130	121942	19.145	ug/l	96
45) 1,2-Dichloropropane	9.624	63	167210	20.193	ug/l	92
46) Dibromomethane	9.712	93	100835	20.752	ug/l	98
47) Bromodichloromethane	9.888	83	200211	20.168	ug/l	100
48) Methyl methacrylate	9.618	41	190894	19.857	ug/l #	96
49) 1,4-Dioxane	9.700	88	85922	412.374	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1494900	99.138	ug/l	99
52) Toluene	10.635	92	370802	20.183	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	224538	18.983	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	252152	19.745	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	145128	19.646	ug/l	98
56) Ethyl methacrylate	10.877	69	267113	19.854	ug/l	98
57) 1,3-Dichloropropane	11.165	76	269320	20.228	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	452845	93.319	ug/l	99
59) 2-Hexanone	11.200	43	1137515	99.733	ug/l	99
60) Dibromochloromethane	11.365	129	141788	19.484	ug/l	98
61) 1,2-Dibromoethane	11.471	107	146881	19.554	ug/l	99
64) Tetrachloroethene	11.106	164	94047	19.224	ug/l	96
65) Chlorobenzene	11.894	112	358263	19.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	131374	19.488	ug/l	99
67) Ethyl Benzene	11.965	91	694698	20.187	ug/l	100
68) m/p-Xylenes	12.077	106	527622	40.844	ug/l	95
69) o-Xylene	12.400	106	265233	20.013	ug/l	100
70) Styrene	12.412	104	421379	20.168	ug/l	99
71) Bromoform	12.576	173	94797	18.435	ug/l #	93
73) Isopropylbenzene	12.700	105	665324	19.909	ug/l	99
74) N-amyl acetate	12.494	43	388314	19.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	252700	21.491	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	194651m	18.779	ug/l	
77) Bromobenzene	12.982	156	131088	20.366	ug/l	98
78) n-propylbenzene	13.035	91	772433	20.063	ug/l	99
79) 2-Chlorotoluene	13.129	91	448648	19.218	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	541632	20.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	93760	17.624	ug/l	95
82) 4-Chlorotoluene	13.224	91	430525	19.897	ug/l	96
83) tert-Butylbenzene	13.441	119	460852	20.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	533251	19.787	ug/l	97
85) sec-Butylbenzene	13.618	105	672456	20.092	ug/l	99
86) p-Isopropyltoluene	13.729	119	515711	19.967	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	258940	19.538	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	248112	19.820	ug/l	98
89) n-Butylbenzene	14.059	91	451517	19.834	ug/l	99
90) Hexachloroethane	14.335	117	108983	18.872	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	251768	19.726	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	53241	19.221	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	120008	21.495	ug/l	95
94) Hexachlorobutadiene	15.506	225	51602	19.758	ug/l	97
95) Naphthalene	15.641	128	507823	21.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	118182	20.883	ug/l	99

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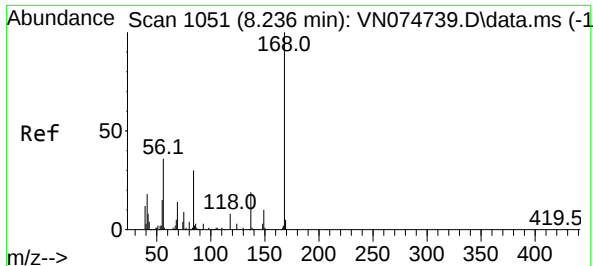
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

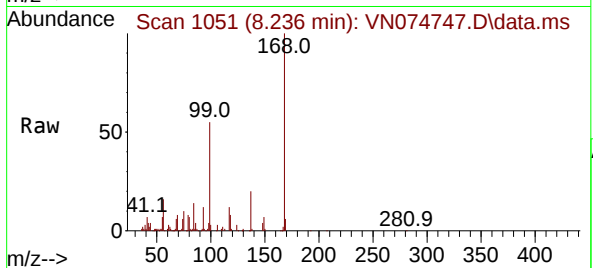
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
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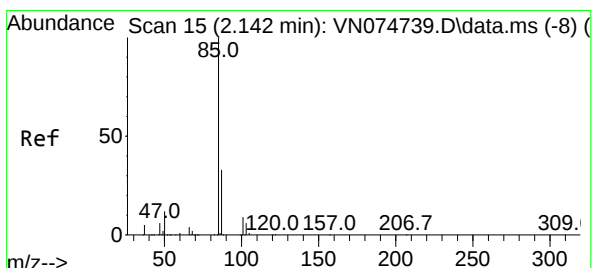
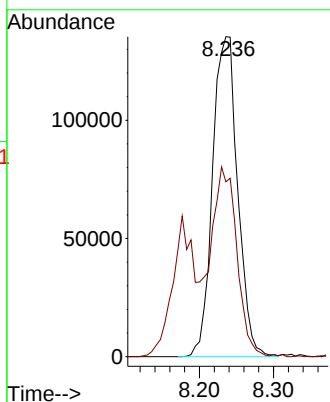
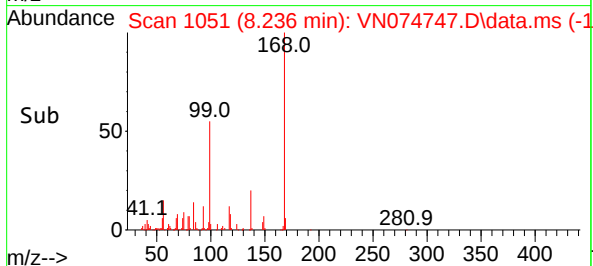
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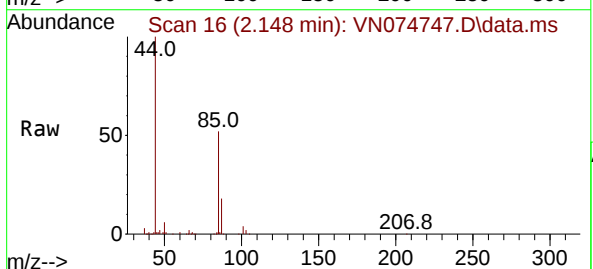
Tgt Ion:168 Resp: 31848
Ion Ratio Lower Upper
168 100
99 54.4 42.8 64.2

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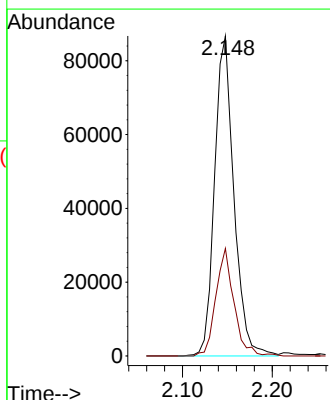
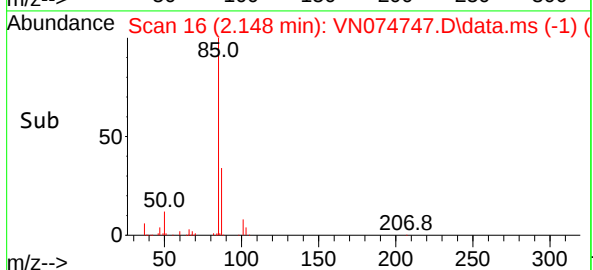
Reviewed By :John Carlone 10/06/2022
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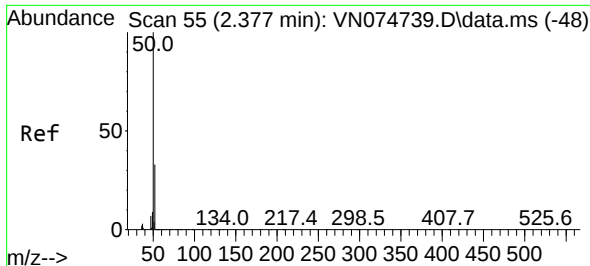


#2
Dichlorodifluoromethane
Concen: 19.842 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



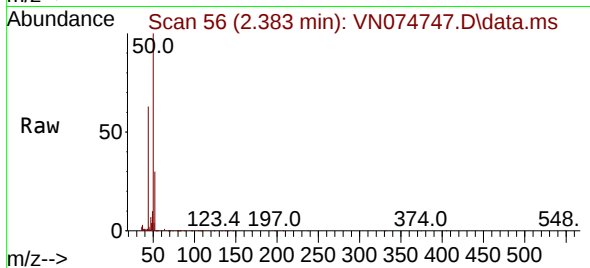
Tgt Ion: 85 Resp: 129601
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.9





#3
Chloromethane
Concen: 19.040 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

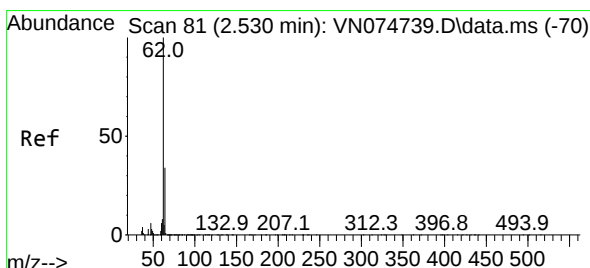
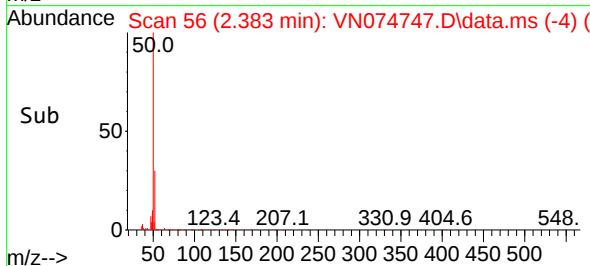
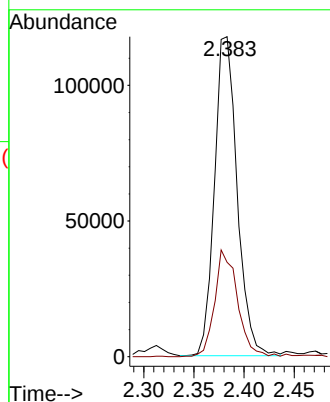
Instrument :
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Tgt Ion: 50 Resp: 184940
Ion Ratio Lower Upper
50 100
52 29.6 26.7 40.1

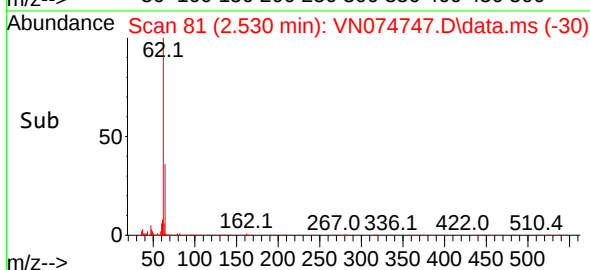
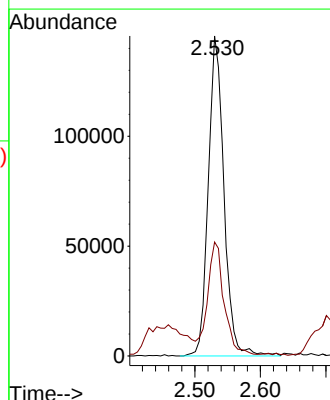
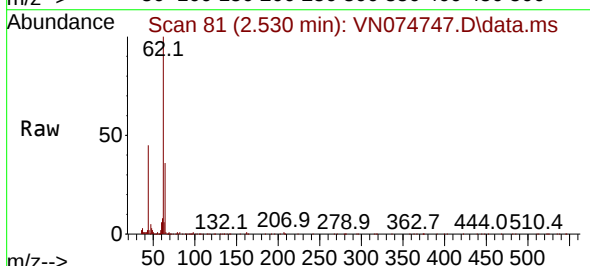
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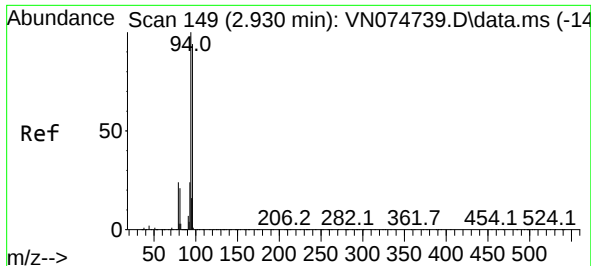
Reviewed By :John Carlone 10/06/2022
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#4
Vinyl Chloride
Concen: 20.139 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

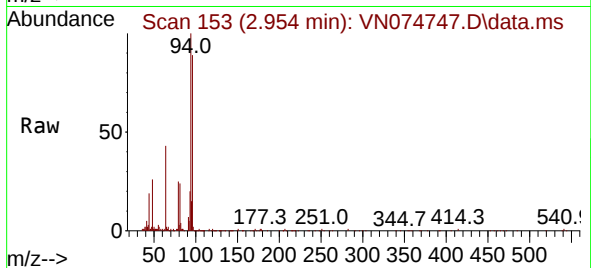
Tgt Ion: 62 Resp: 242206
Ion Ratio Lower Upper
62 100
64 35.2 27.4 41.2





#5
Bromomethane
Concen: 19.724 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

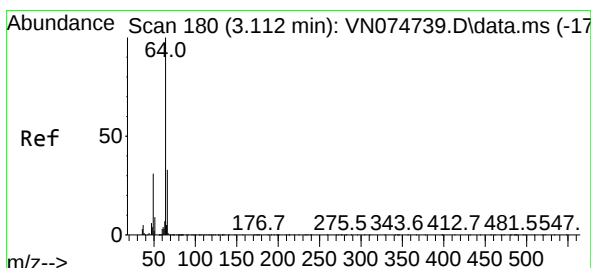
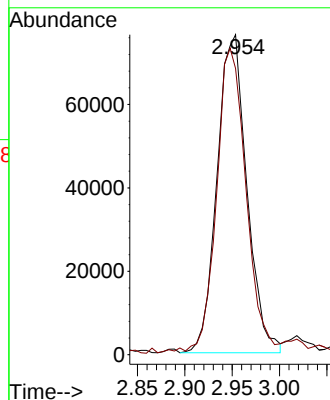
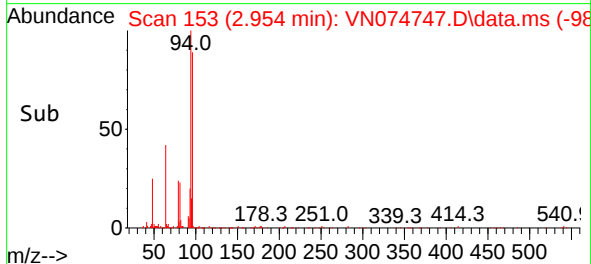
Instrument :
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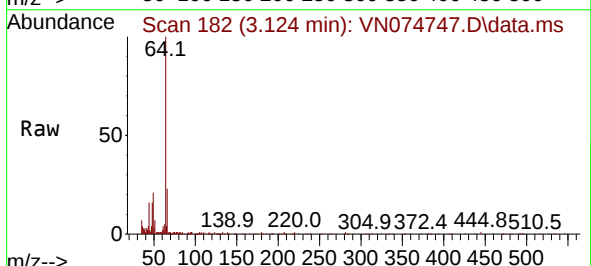
Tgt Ion: 94 Resp: 167272
Ion Ratio Lower Upper
94 100
96 87.9 75.0 112.6

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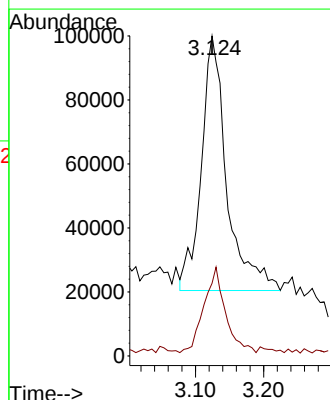
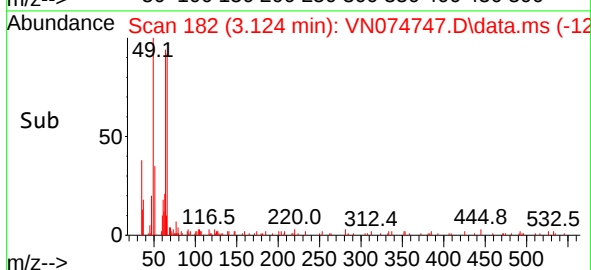
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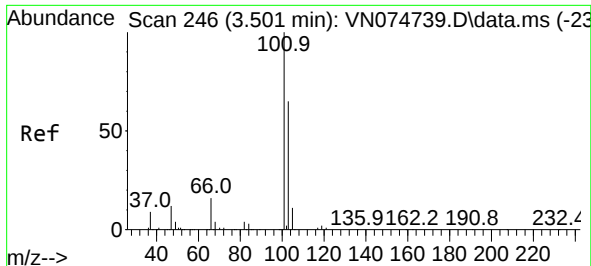


#6
Chloroethane
Concen: 23.222 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 206633
Ion Ratio Lower Upper
64 100
66 27.2 25.1 37.7





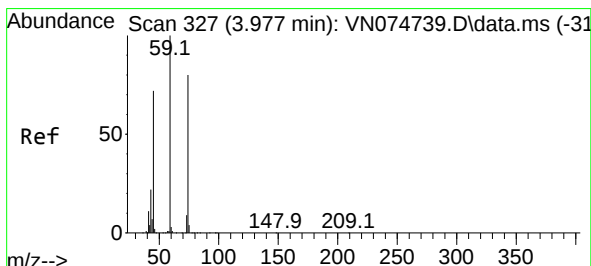
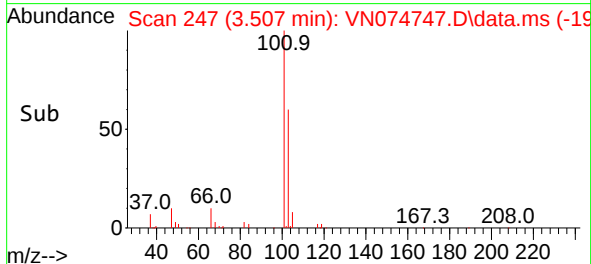
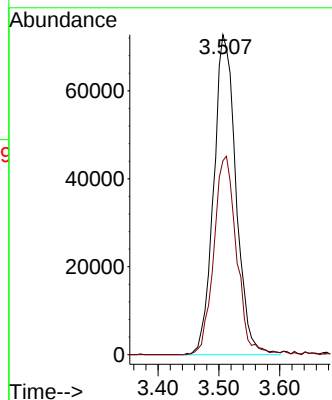
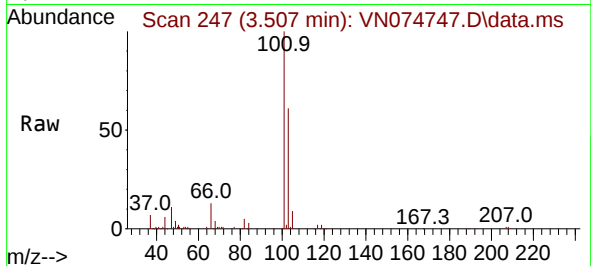
#7
 Trichlorofluoromethane
 Concen: 19.533 ug/l
 RT: 3.507 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074747.D
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Tgt Ion:101 Resp: 185144
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.0 78.0

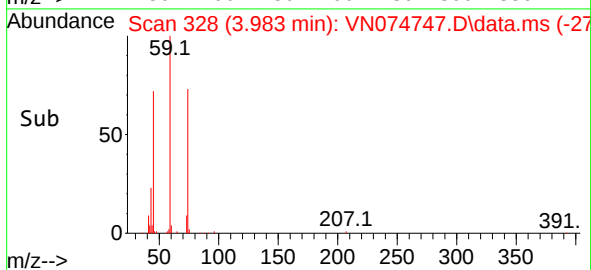
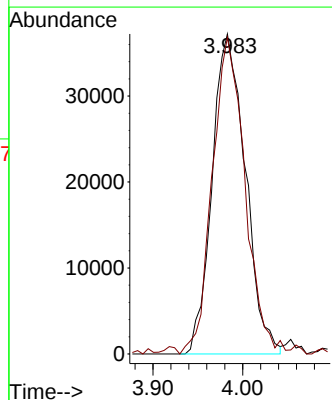
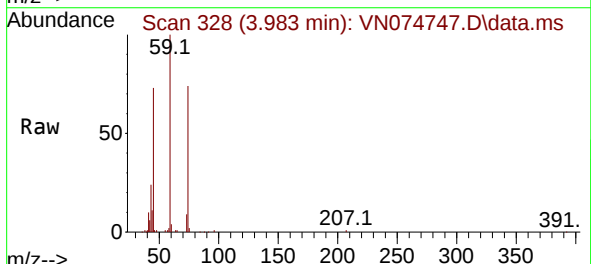
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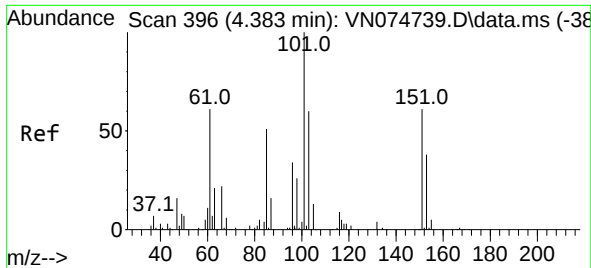
Reviewed By :John Carlone 10/06/2022
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#8
 Diethyl Ether
 Concen: 19.357 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 95714
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.2 144.6





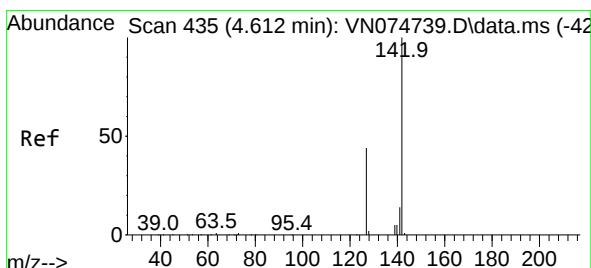
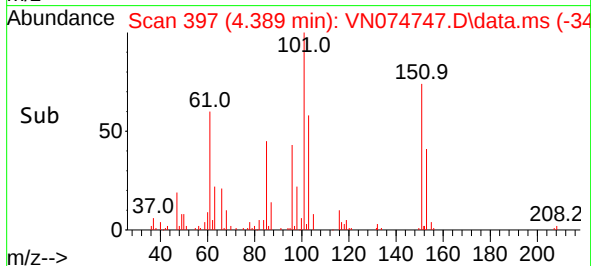
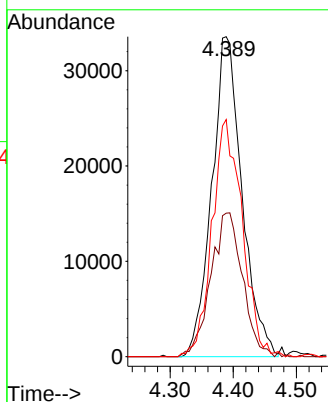
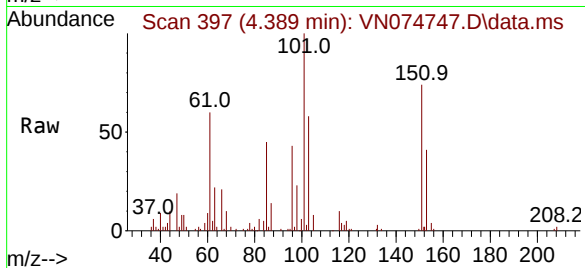
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.224 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01

Tgt Ion:101 Resp: 111628
Ion Ratio Lower Upper
101 100
85 47.1 37.4 56.0
151 73.9 55.0 82.4

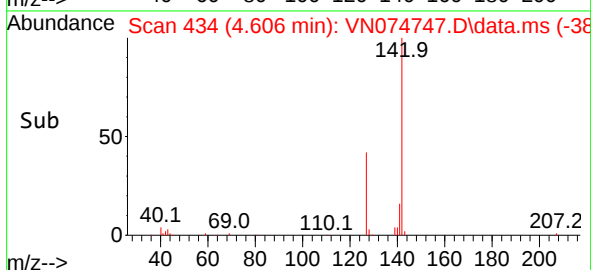
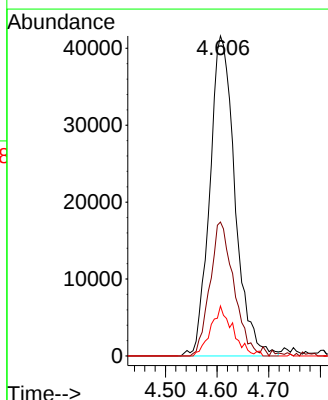
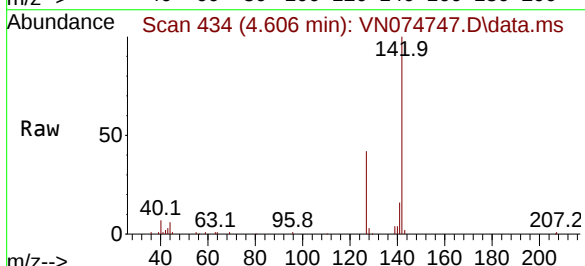
Manual Integrations
APPROVED

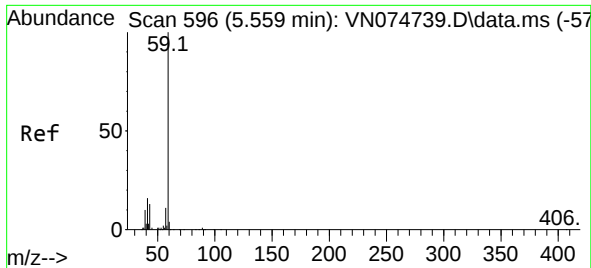
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 20.051 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

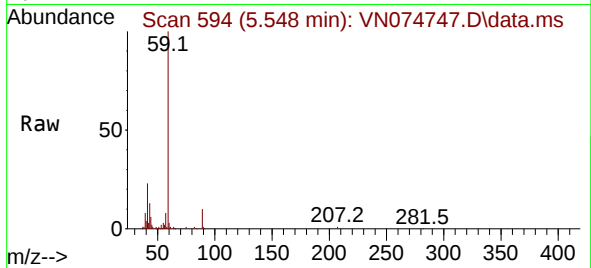
Tgt Ion:142 Resp: 140792
Ion Ratio Lower Upper
142 100
127 39.8 34.4 51.6
141 13.4 11.0 16.6





#11
Tert butyl alcohol
Concen: 95.810 ug/l
RT: 5.548 min Scan# 594
Delta R.T. -0.012 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

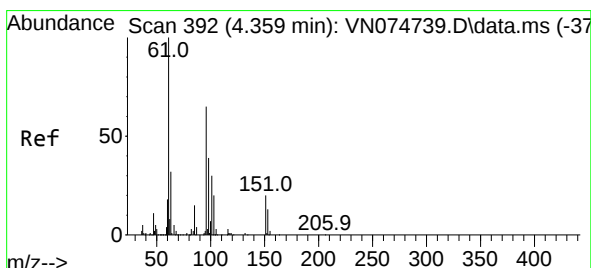
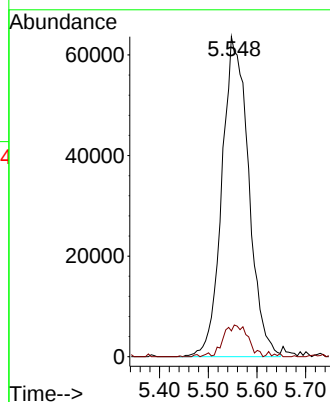
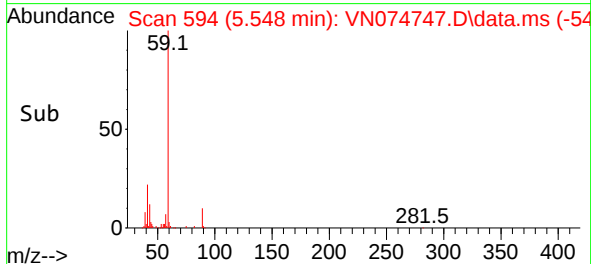
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 59 Resp: 242152
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5

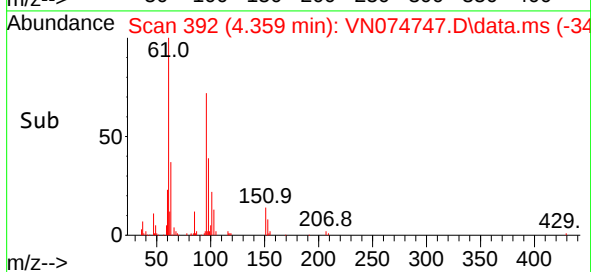
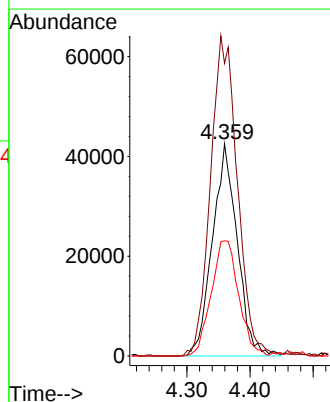
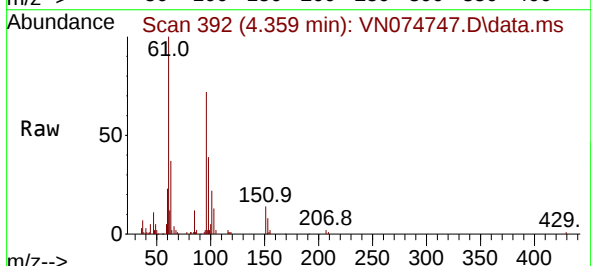
Manual Integrations
APPROVED

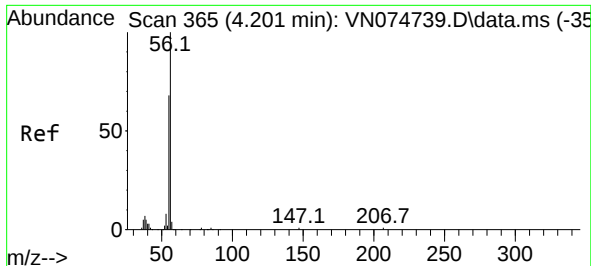
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 18.779 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Tgt Ion: 96 Resp: 116075
Ion Ratio Lower Upper
96 100
61 137.9 123.9 185.9
98 54.3 48.8 73.2





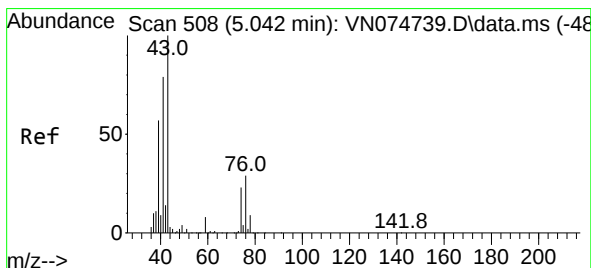
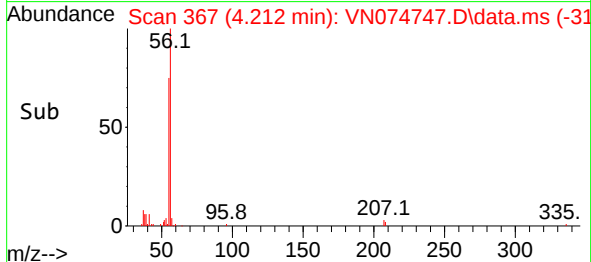
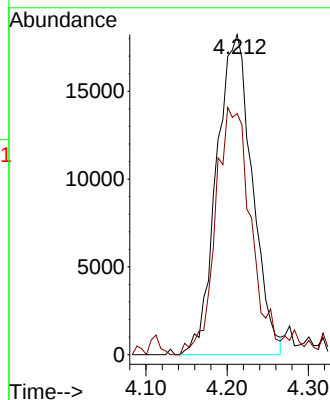
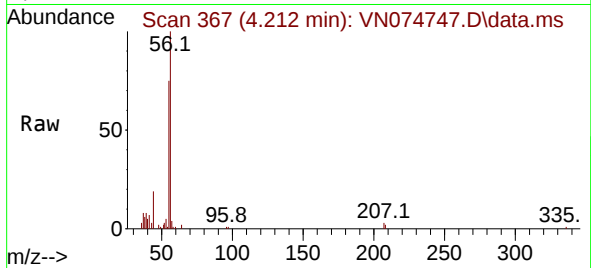
#13
Acrolein
Concen: 80.364 ug/l
RT: 4.212 min Scan# 30
Delta R.T. 0.011 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01

Tgt Ion: 56 Resp: 5568
Ion Ratio Lower Upper
56 100
55 76.4 54.9 82.3

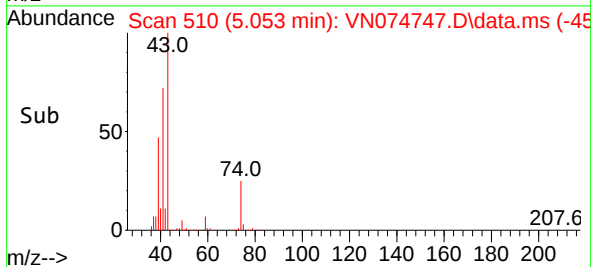
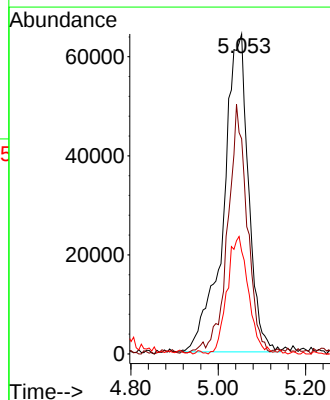
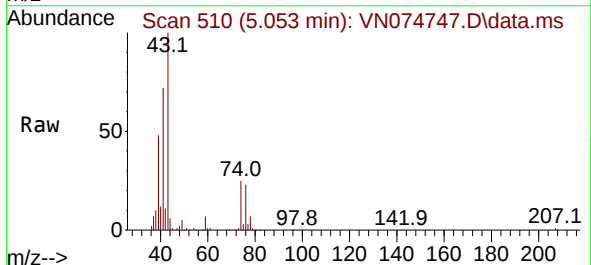
Manual Integrations
APPROVED

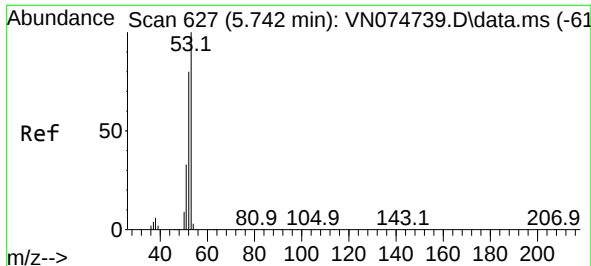
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 20.121 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.012 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

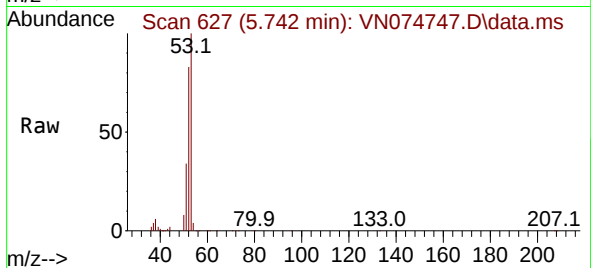
Tgt Ion: 41 Resp: 255618
Ion Ratio Lower Upper
41 100
39 59.4 50.2 75.2
76 31.2 25.6 38.4





#15
Acrylonitrile
Concen: 98.204 ug/l
RT: 5.742 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

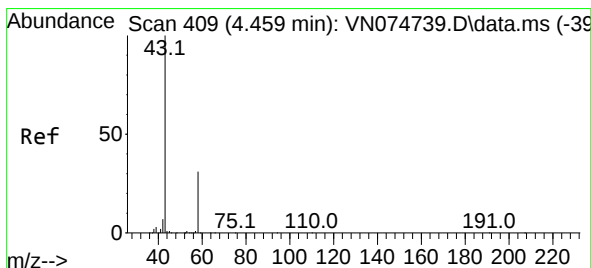
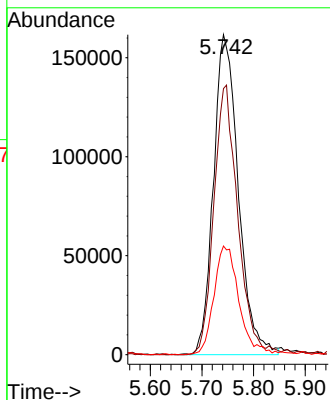
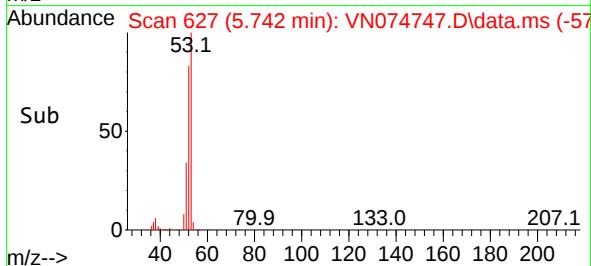
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 53 Resp: 54135
Ion Ratio Lower Upper
53 100
52 80.1 64.3 96.5
51 34.5 27.5 41.3

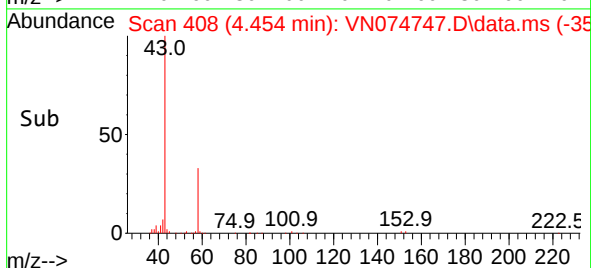
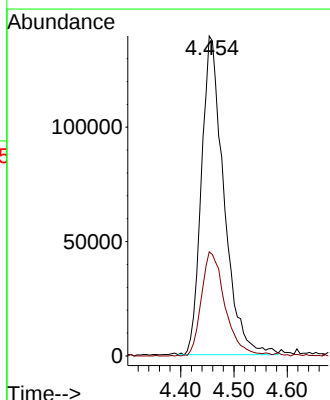
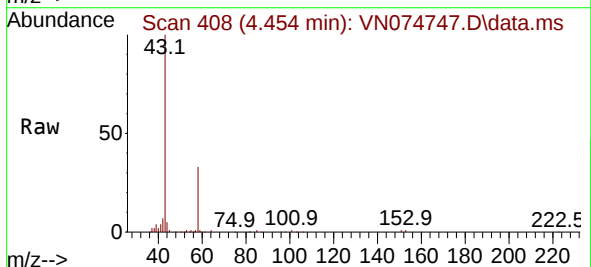
Manual Integrations
APPROVED

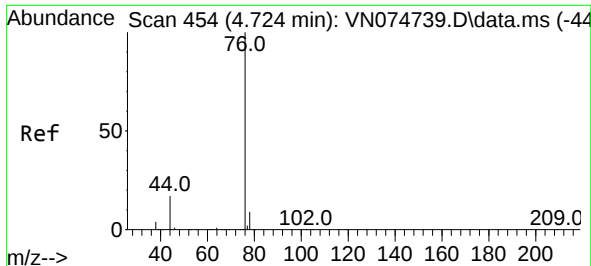
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 95.351 ug/l
RT: 4.454 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

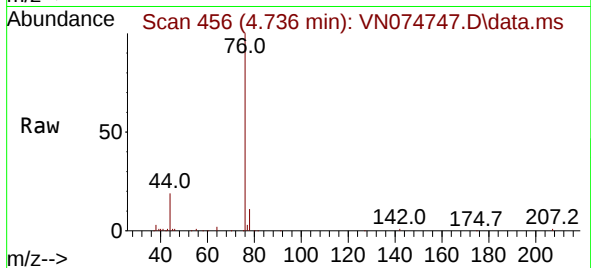
Tgt Ion: 43 Resp: 407769
Ion Ratio Lower Upper
43 100
58 32.5 24.9 37.3





#17
Carbon Disulfide
Concen: 19.327 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

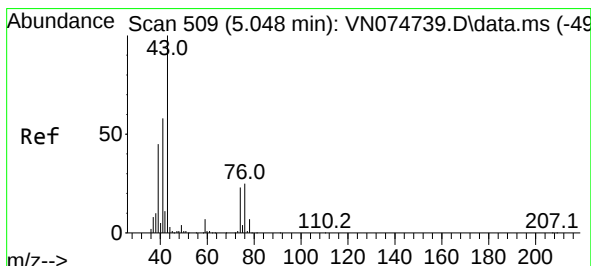
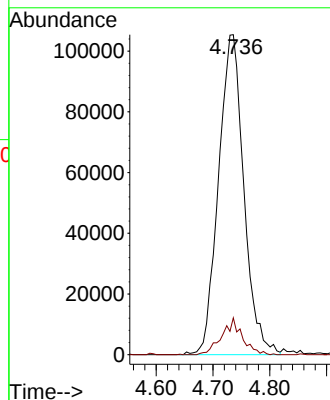
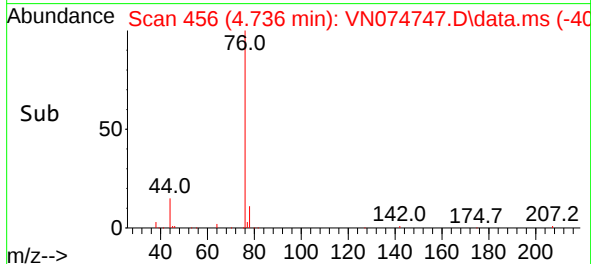
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 76 Resp: 32646
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3

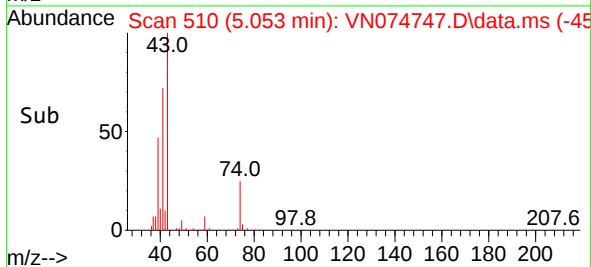
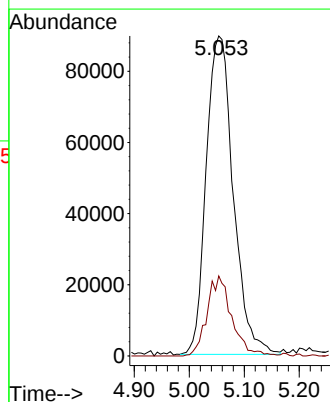
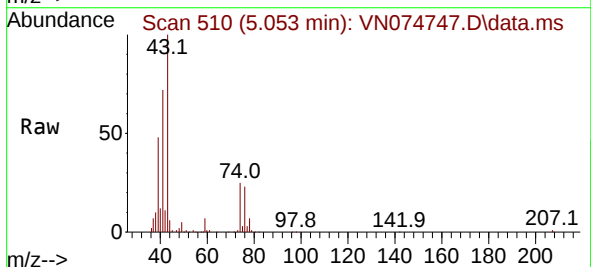
Manual Integrations
APPROVED

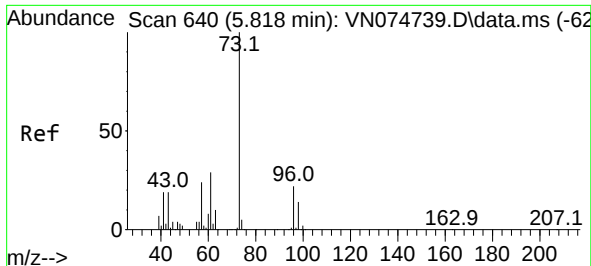
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 19.359 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

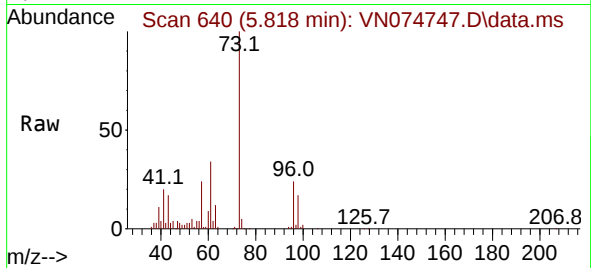
Tgt Ion: 43 Resp: 306509
Ion Ratio Lower Upper
43 100
74 22.9 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 19.452 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

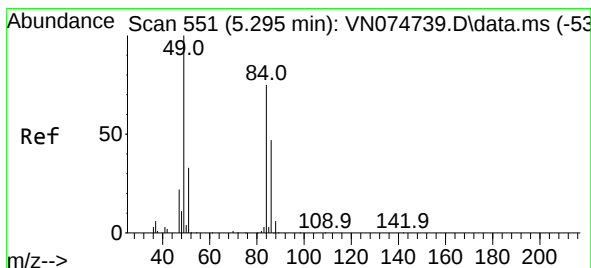
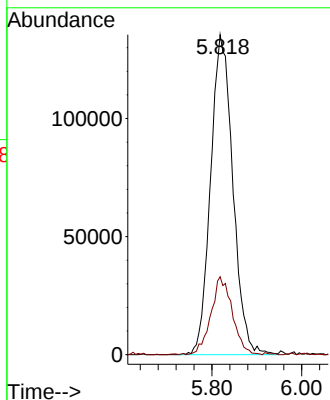
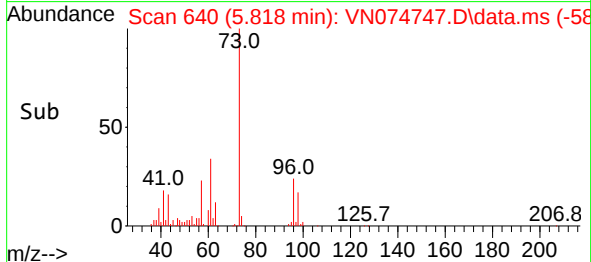
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 73 Resp: 467760
Ion Ratio Lower Upper
73 100
57 24.4 19.0 28.4

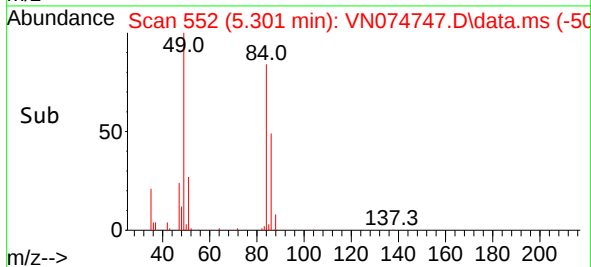
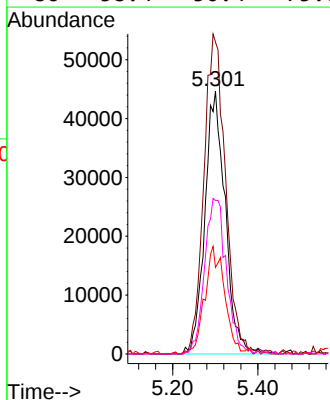
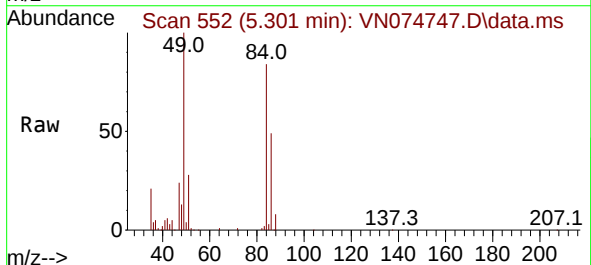
Manual Integrations
APPROVED

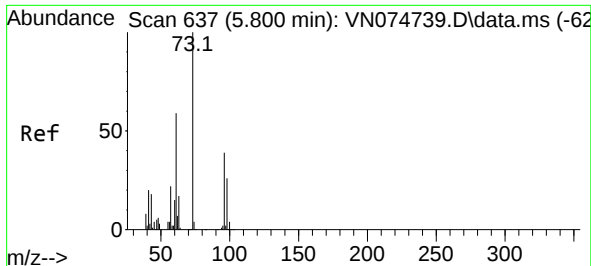
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 20.552 ug/l
RT: 5.301 min Scan# 552
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

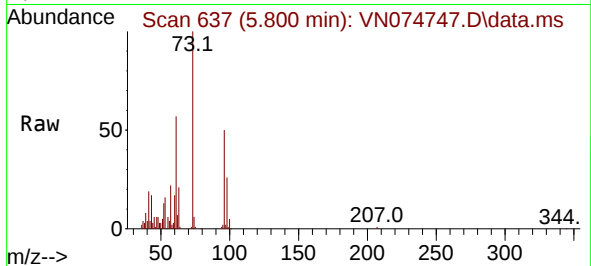
Tgt Ion: 84 Resp: 148737
Ion Ratio Lower Upper
84 100
49 118.6 107.4 161.0
51 32.9 35.1 52.7#
86 58.4 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 19.572 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

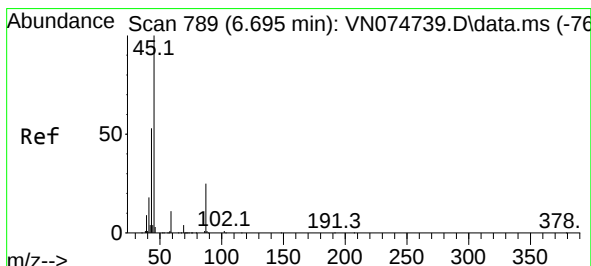
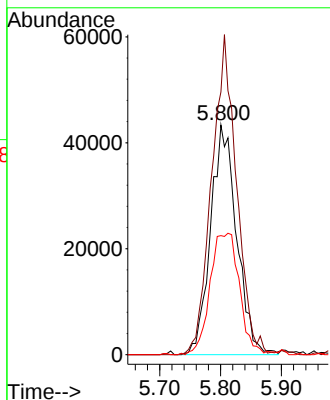
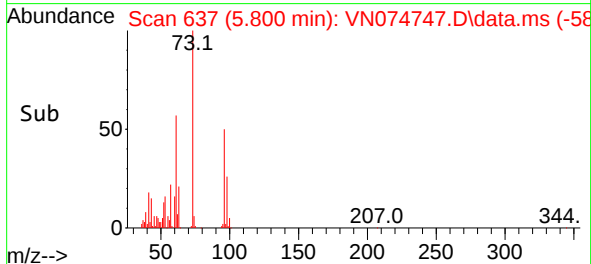
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 96 Resp: 129408
Ion Ratio Lower Upper
96 100
61 114.4 121.5 182.3
98 51.8 53.8 80.8

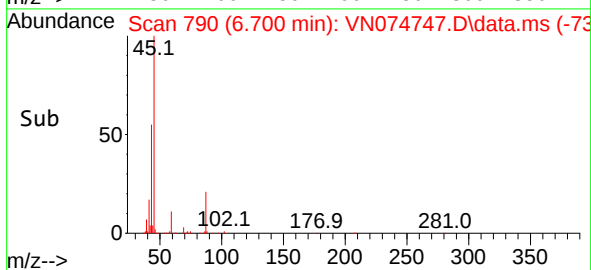
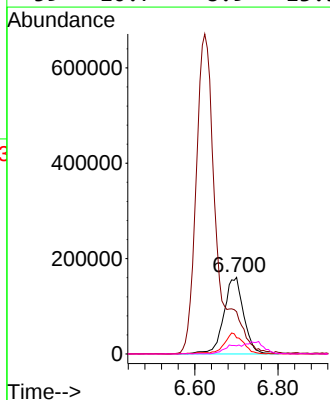
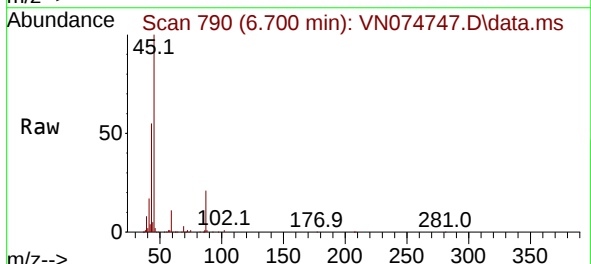
Manual Integrations
APPROVED

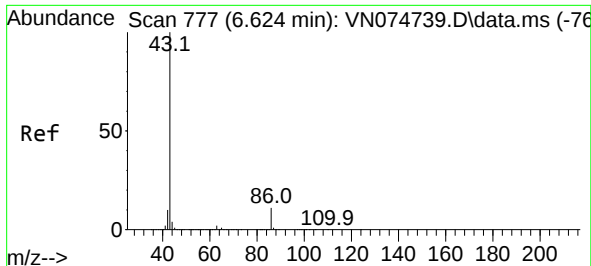
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#22
Diisopropyl ether
Concen: 19.675 ug/l
RT: 6.700 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Tgt Ion: 45 Resp: 530849
Ion Ratio Lower Upper
45 100
43 54.1 42.7 64.1
87 21.0 19.6 29.4
59 10.7 8.9 13.3





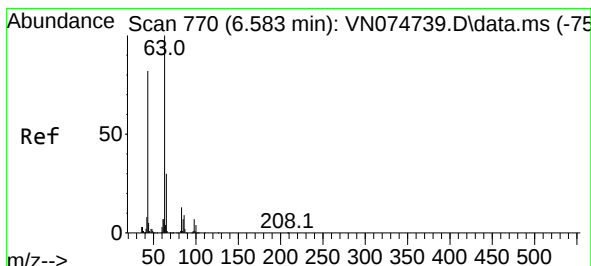
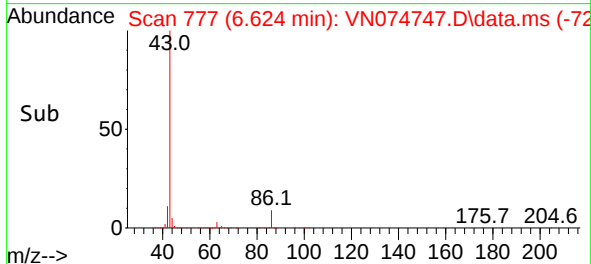
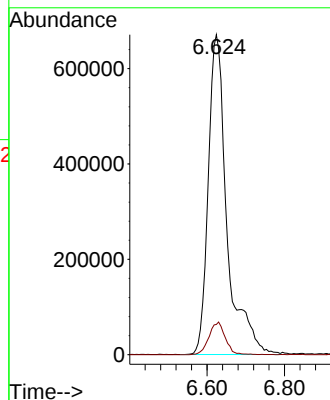
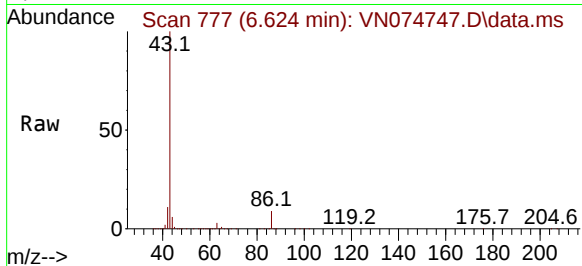
#23
 Vinyl Acetate
 Concen: 101.530 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074747.D
 Acq: 05 Oct 2022 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBSD01

Tgt Ion: 43 Resp: 2250250
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.4 12.6

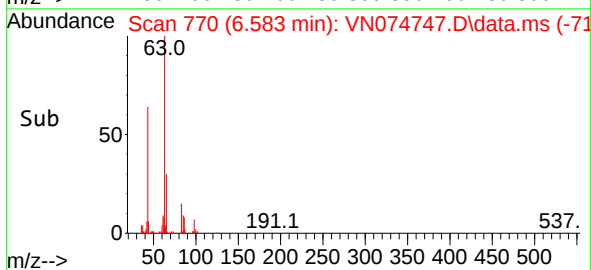
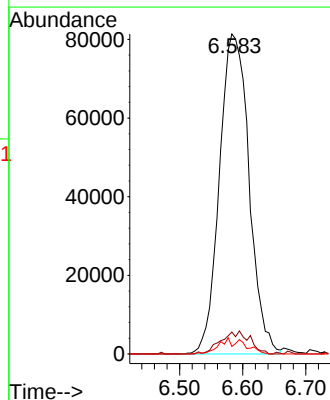
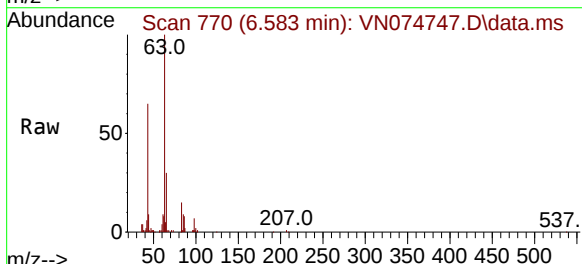
Manual Integrations
 APPROVED

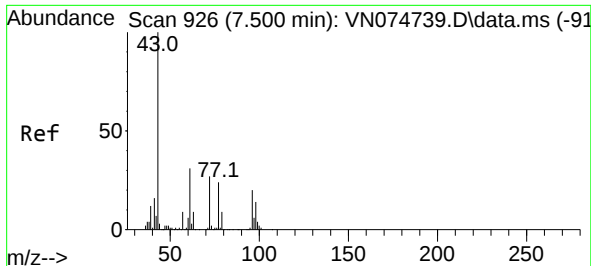
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 19.057 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074747.D
 Acq: 05 Oct 2022 19:12

Tgt Ion: 63 Resp: 265102
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 2.4 1.8 5.5





#25

2-Butanone

Concen: 98.399 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01

Tgt Ion: 43 Resp: 76369

Ion Ratio Lower Upper

43 100

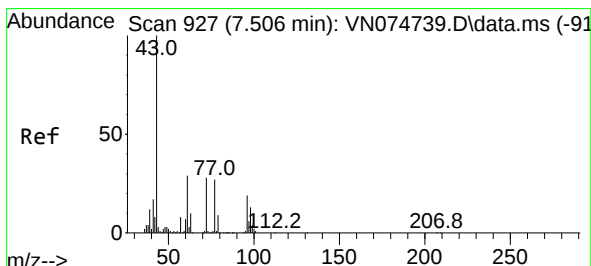
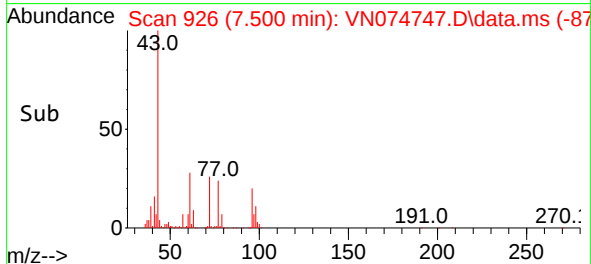
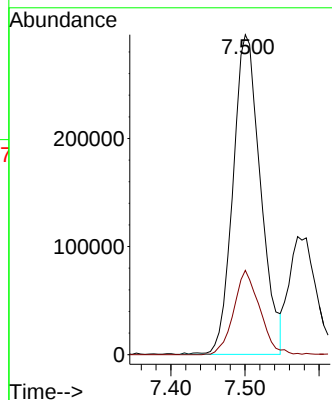
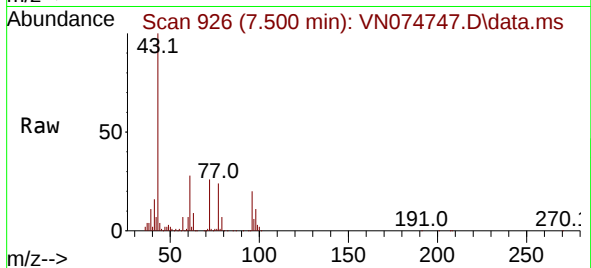
72 26.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 18.744 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN074747.D

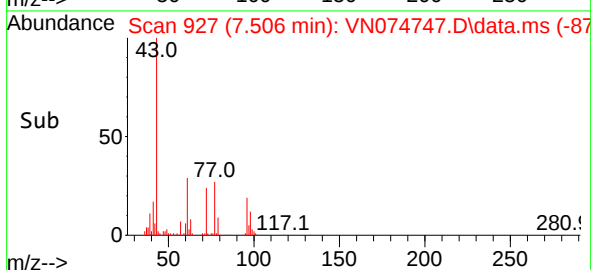
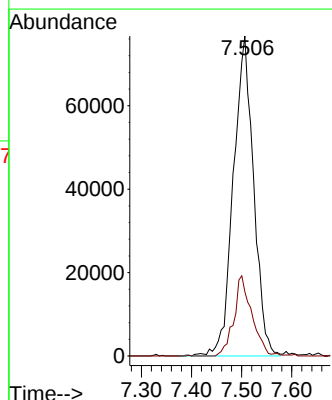
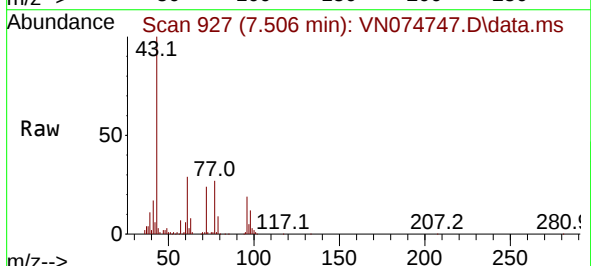
Acq: 05 Oct 2022 19:12

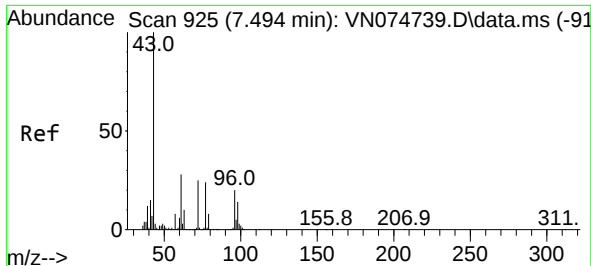
Tgt Ion: 77 Resp: 215064

Ion Ratio Lower Upper

77 100

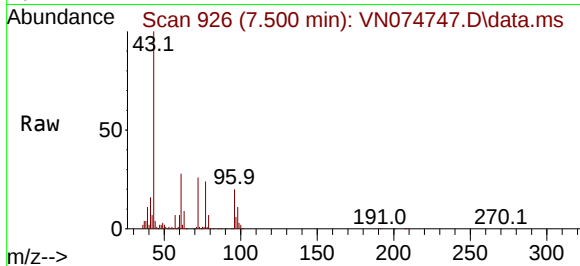
97 22.3 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.934 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN074747.D
 Acq: 05 Oct 2022 19:12

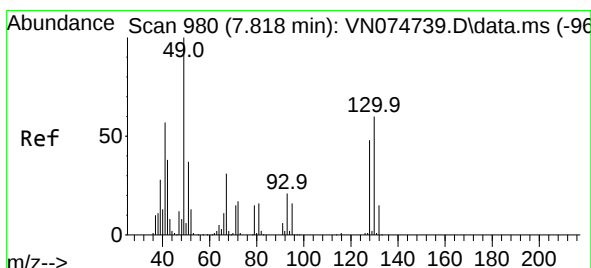
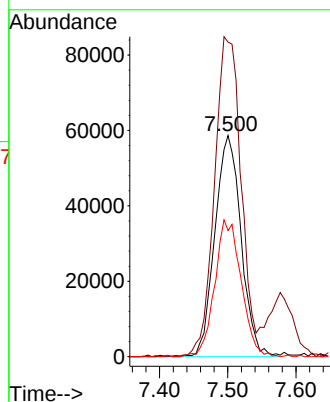
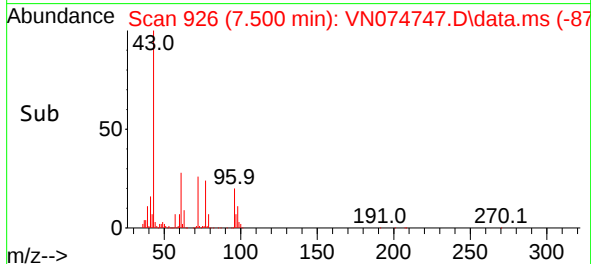
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBSD01



Tgt Ion: 96 Resp: 15689
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 303.2
 98 62.2 0.0 131.0

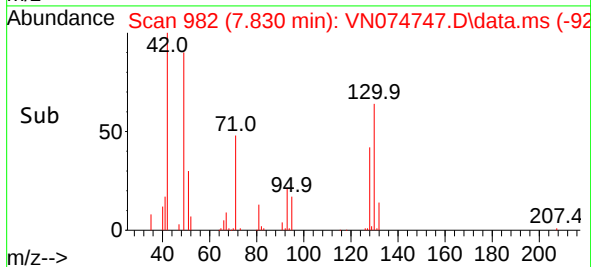
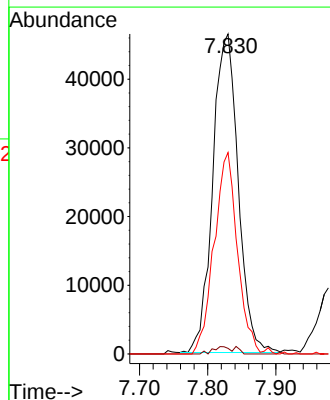
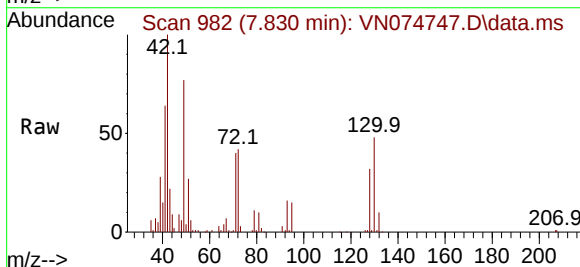
Manual Integrations
 APPROVED

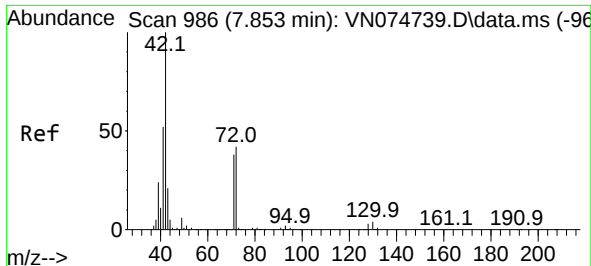
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#28
 Bromochloromethane
 Concen: 19.192 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.012 min
 Lab File: VN074747.D
 Acq: 05 Oct 2022 19:12

Tgt Ion: 49 Resp: 120459
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 57.9 49.0 73.4





#29

Tetrahydrofuran

Concen: 93.227 ug/l

RT: 7.853 min Scan# 986

Delta R.T. -0.000 min

Lab File: VN074747.D

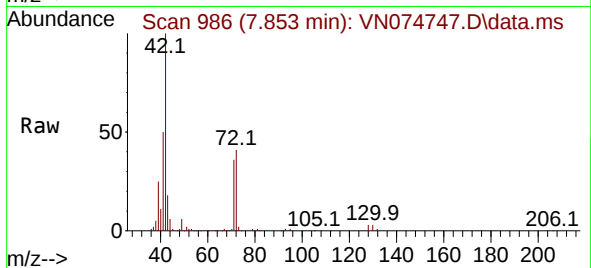
Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01



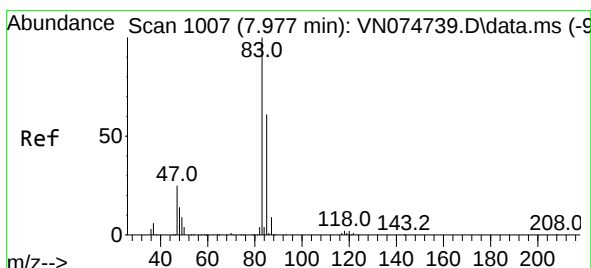
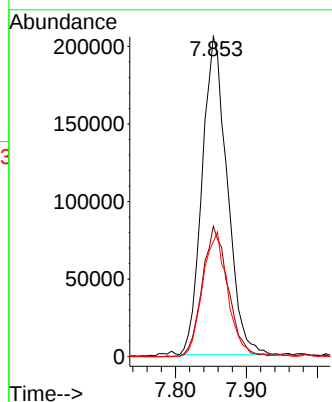
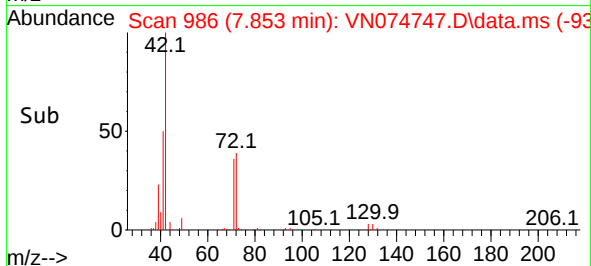
Tgt Ion:	42	Resp:	50428
Ion Ratio	100	Lower	Upper
42	100		
72	42.2	33.0	49.6
71	39.5	30.4	45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 19.580 ug/l

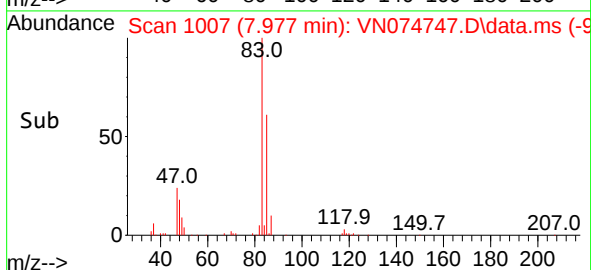
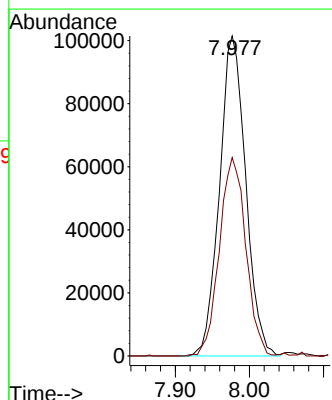
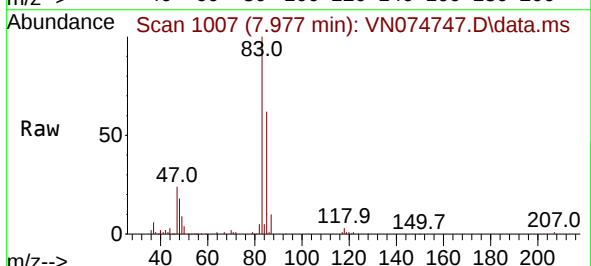
RT: 7.977 min Scan# 1007

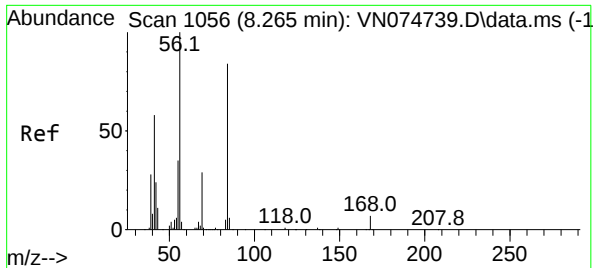
Delta R.T. -0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

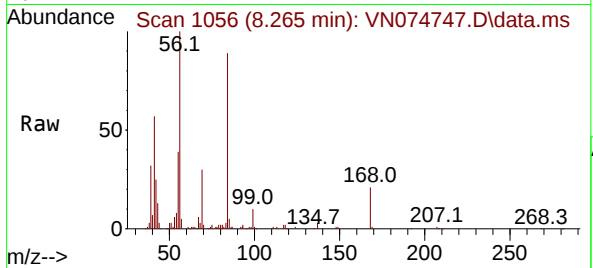
Tgt Ion:	83	Resp:	249475
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	49.0	73.4





#31
Cyclohexane
Concen: 19.216 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

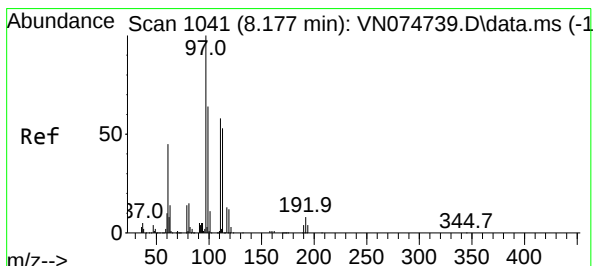
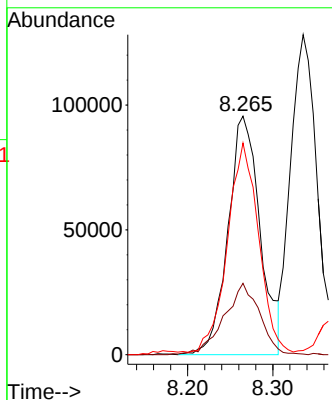
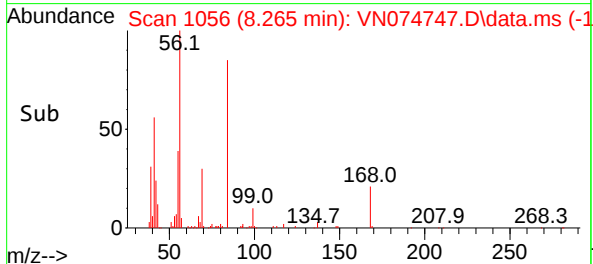
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



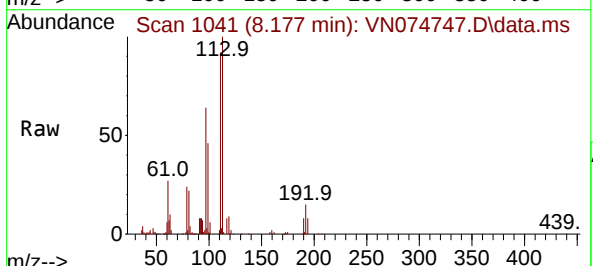
Tgt Ion: 56 Resp: 250620
Ion Ratio Lower Upper
56 100
69 29.7 23.1 34.7
84 87.2 67.1 100.7

Manual Integrations
APPROVED

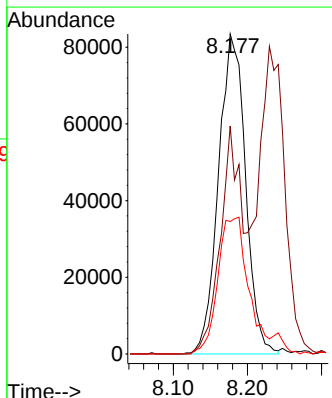
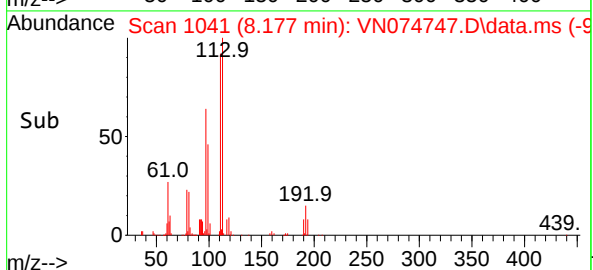
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

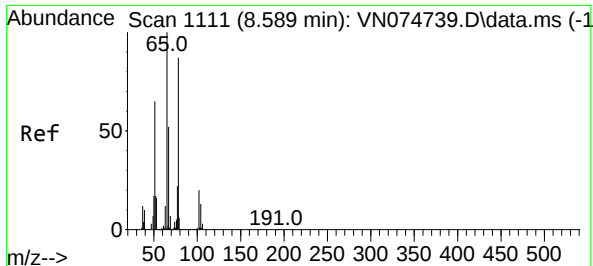


#32
1,1,1-Trichloroethane
Concen: 19.451 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



Tgt Ion: 97 Resp: 211244
Ion Ratio Lower Upper
97 100
99 58.1 50.7 76.1
61 48.0 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 51.091 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01

Tgt Ion: 65 Resp: 385550

Ion Ratio Lower Upper

65 100

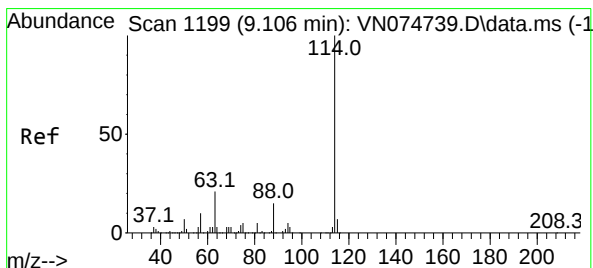
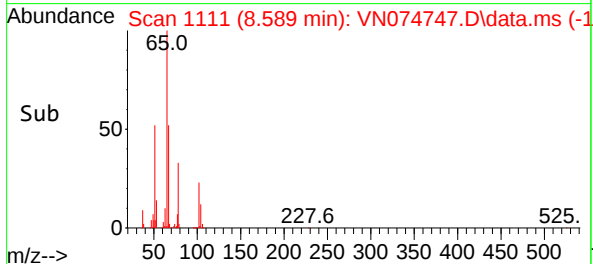
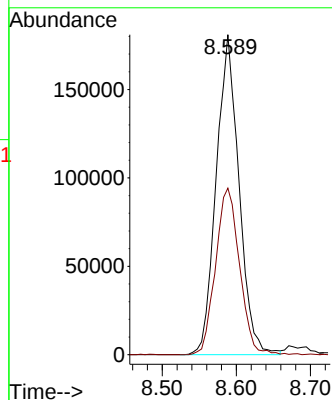
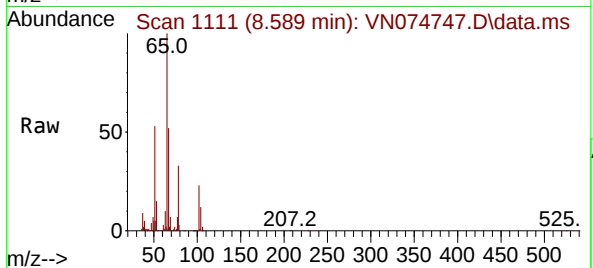
67 54.9 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

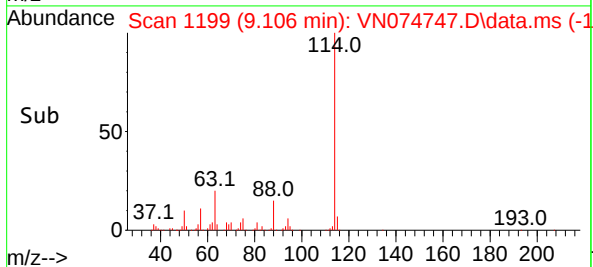
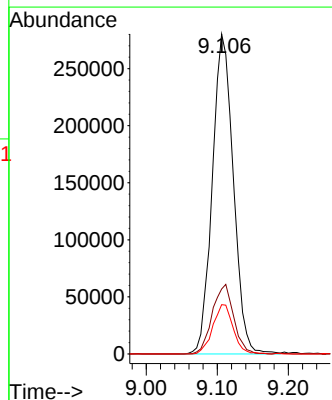
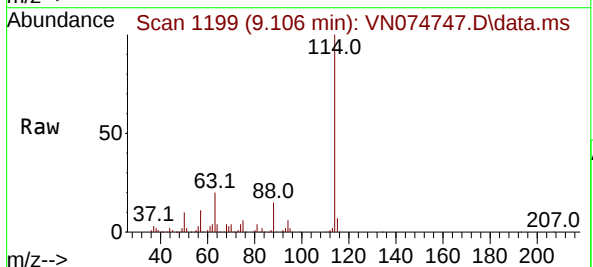
Tgt Ion:114 Resp: 577653

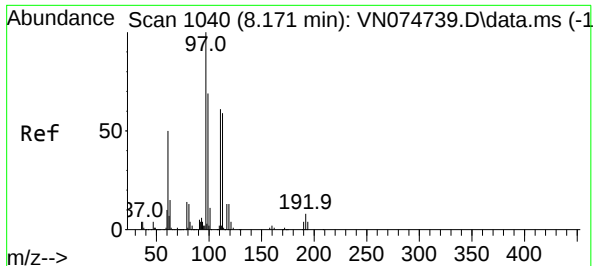
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.2

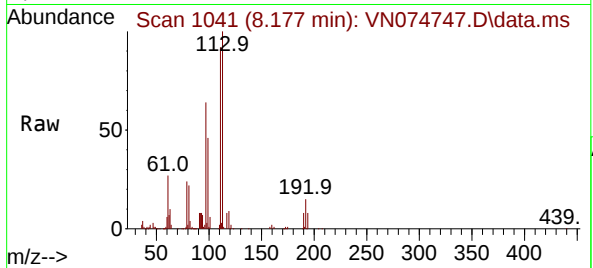
88 15.4 0.0 30.2





#35
Dibromofluoromethane
Concen: 51.252 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

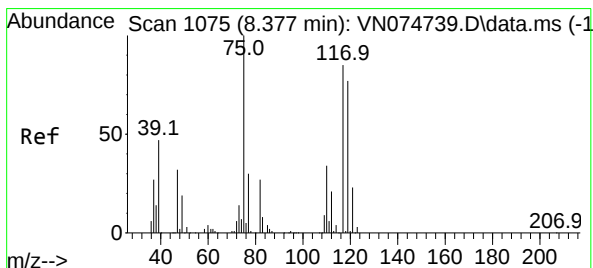
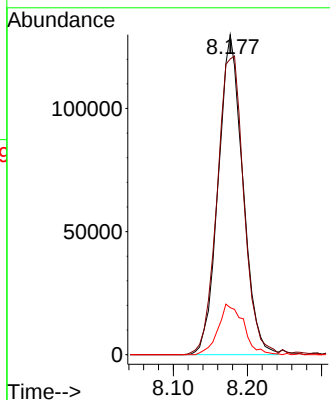
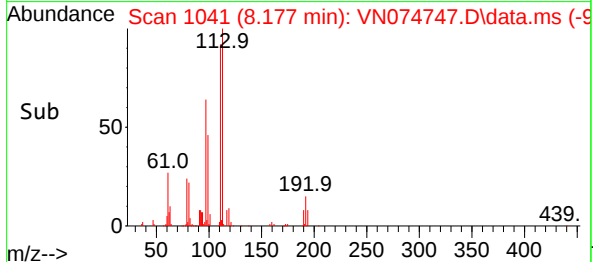
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



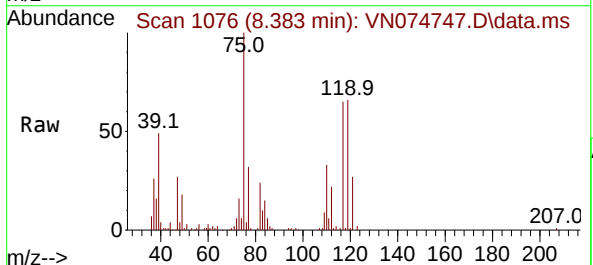
Tgt Ion: 113 Resp: 29912
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.6
192 16.5 12.6 18.8

Manual Integrations
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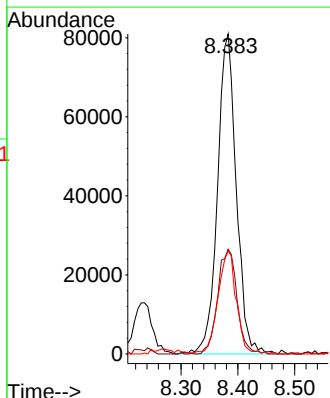
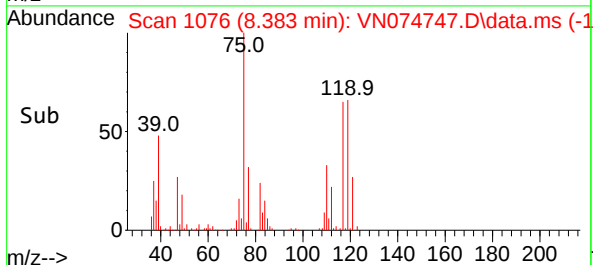
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

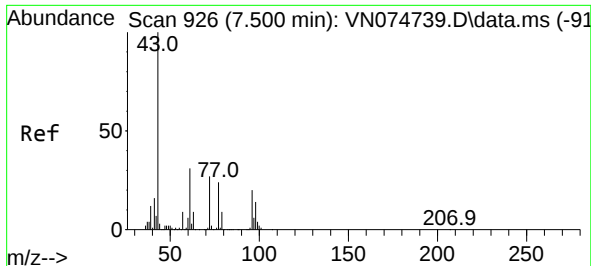


#36
1,1-Dichloropropene
Concen: 19.745 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



Tgt Ion: 75 Resp: 186528
Ion Ratio Lower Upper
75 100
110 33.6 17.2 51.5
77 31.5 24.3 36.5





#37

Ethyl Acetate

Concen: 20.155 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01

Tgt Ion: 43 Resp: 76369

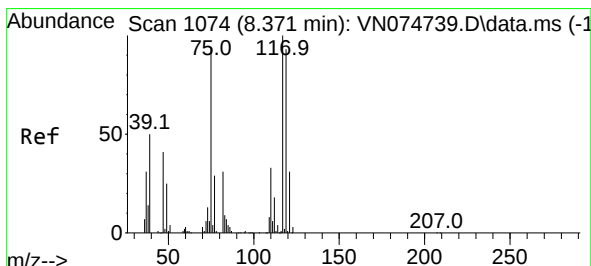
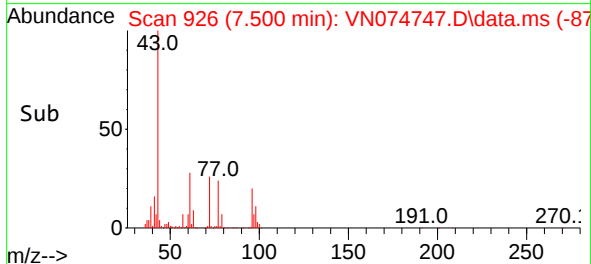
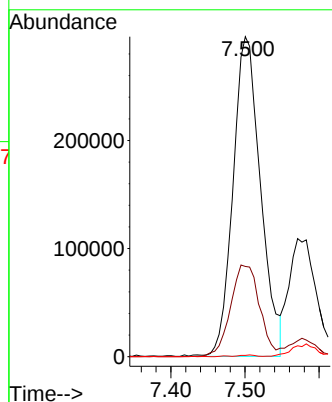
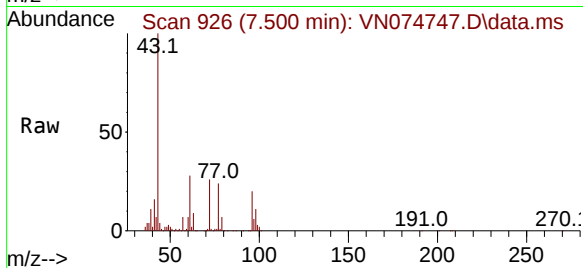
Ion	Ratio	Lower	Upper
43	100		
61	30.1	4.3	6.5
70	0.3	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 19.576 ug/l

RT: 8.371 min Scan# 1074

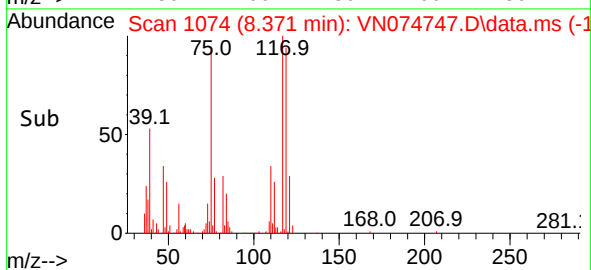
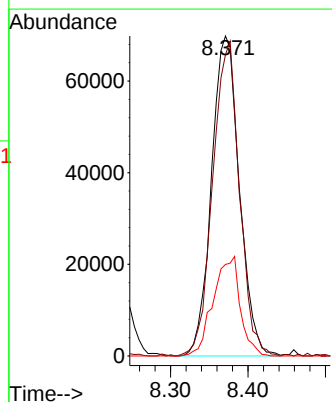
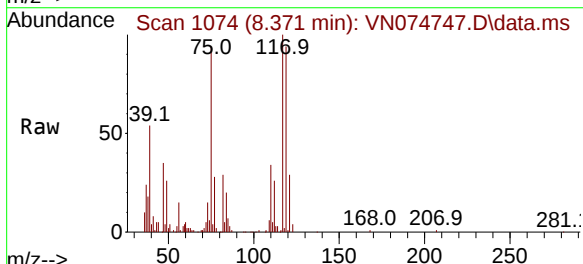
Delta R.T. 0.000 min

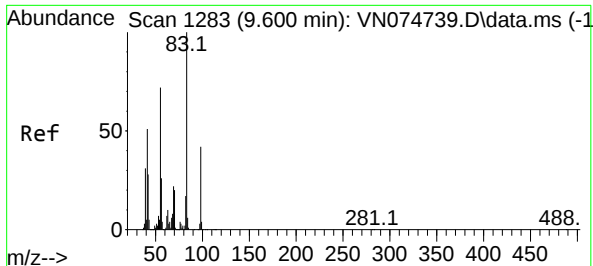
Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Tgt Ion:117 Resp: 174390

Ion	Ratio	Lower	Upper
117	100		
119	94.1	74.3	111.5
121	28.6	25.0	37.4





#39

Methylcyclohexane

Concen: 20.578 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01

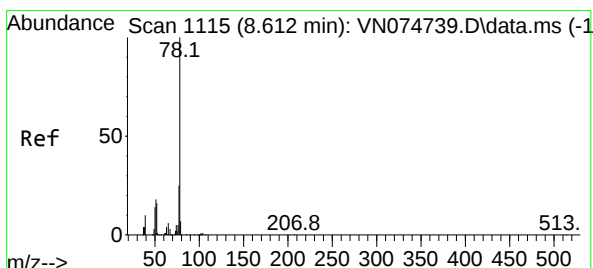
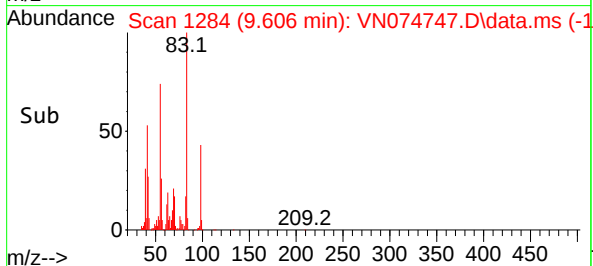
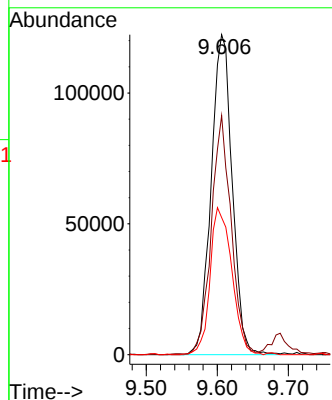
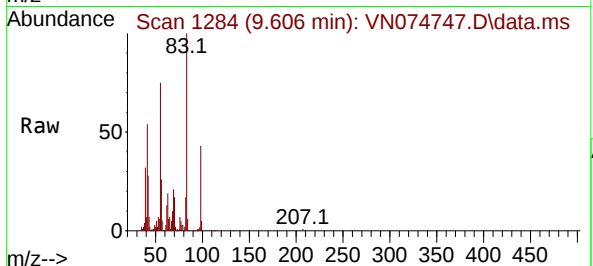
Tgt Ion:	83	Resp:	251829
Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.3	85.9
98	42.8	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 19.774 ug/l

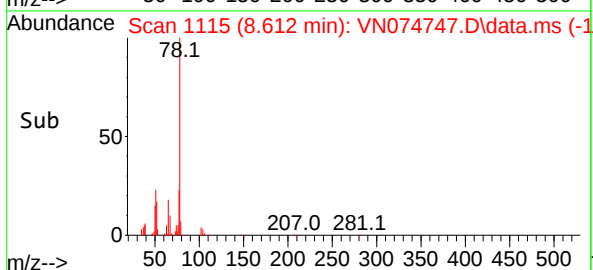
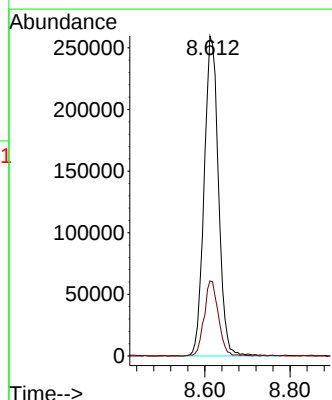
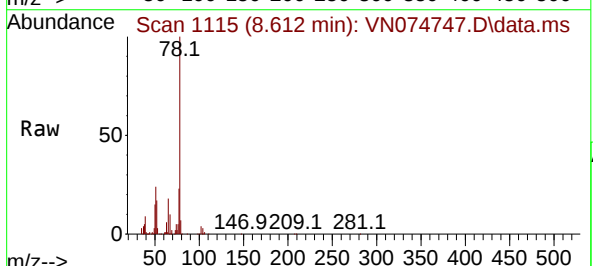
RT: 8.612 min Scan# 1115

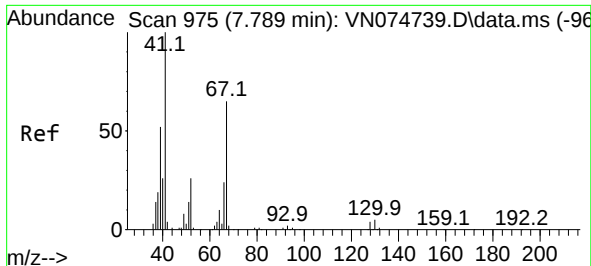
Delta R.T. 0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

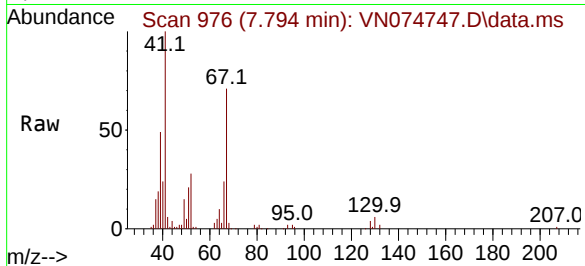
Tgt Ion:	78	Resp:	604723
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.1	30.1





#41
Methacrylonitrile
Concen: 20.578 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

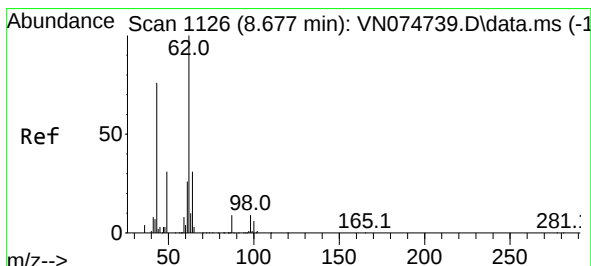
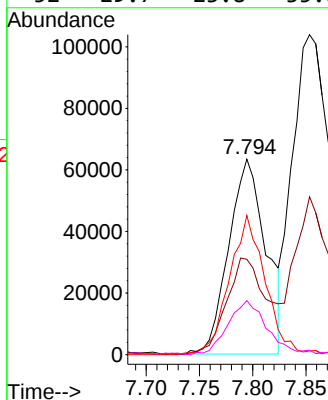
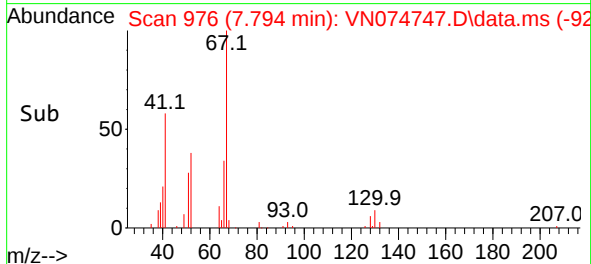
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



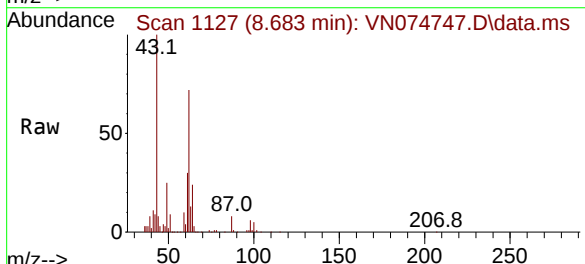
Tgt Ion: 41 Resp: 15360
Ion Ratio Lower Upper
41 100
39 53.0 43.3 64.9
67 69.1 60.2 90.2
52 29.7 23.8 35.8

Manual Integrations
APPROVED

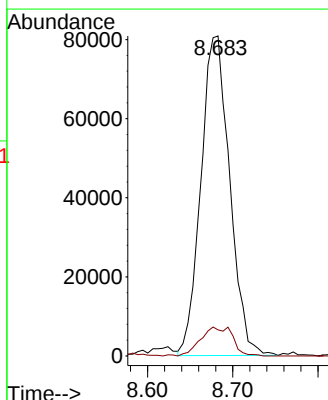
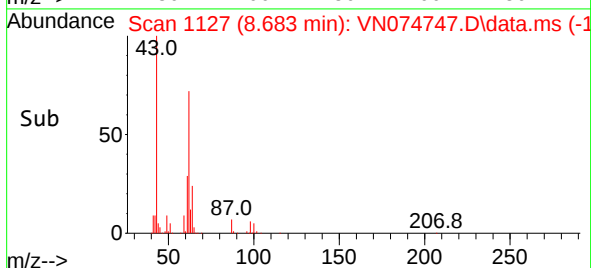
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

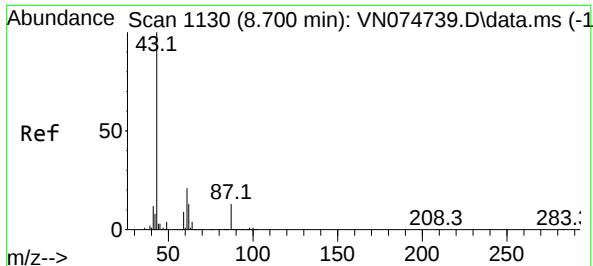


#42
1,2-Dichloroethane
Concen: 19.816 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



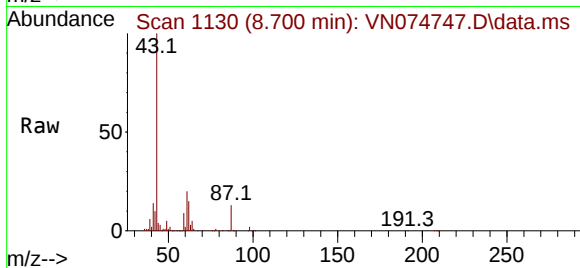
Tgt Ion: 62 Resp: 190226
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.558 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

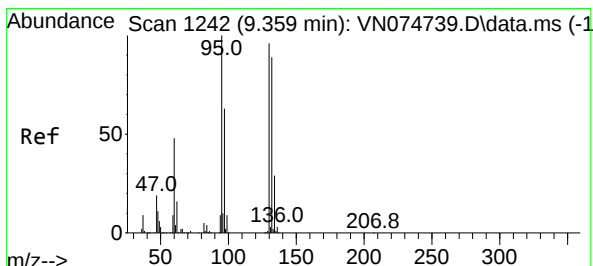
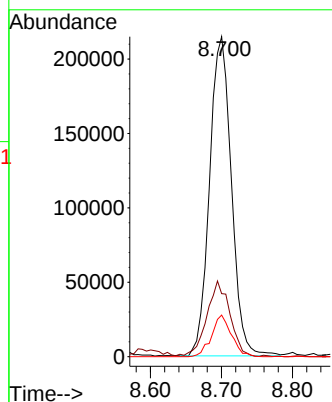
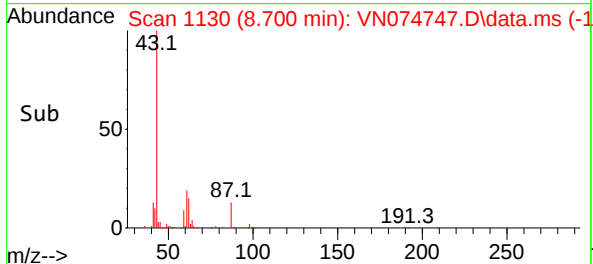
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 43 Resp: 457974
Ion Ratio Lower Upper
43 100
61 25.0 19.4 29.0
87 11.9 10.1 15.1

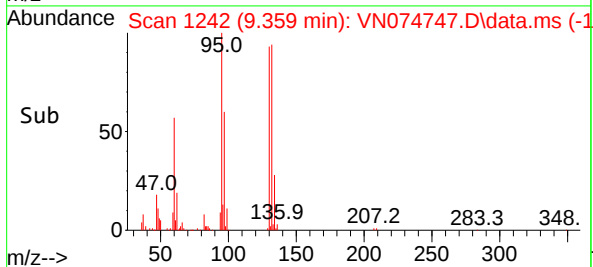
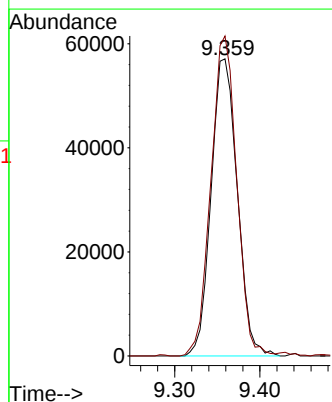
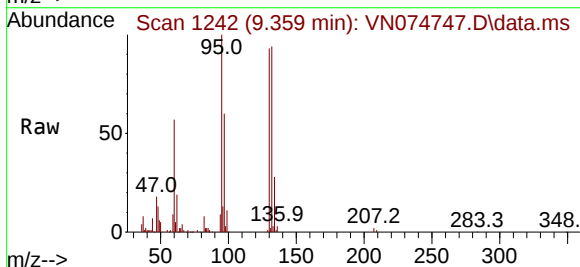
Manual Integrations
APPROVED

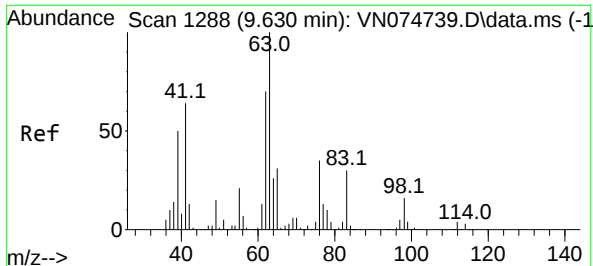
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#44
Trichloroethene
Concen: 19.145 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Tgt Ion:130 Resp: 121942
Ion Ratio Lower Upper
130 100
95 107.7 0.0 207.6





#45

1,2-Dichloropropane

Concen: 20.193 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01

Tgt Ion: 63 Resp: 167210

Ion Ratio Lower Upper

63 100

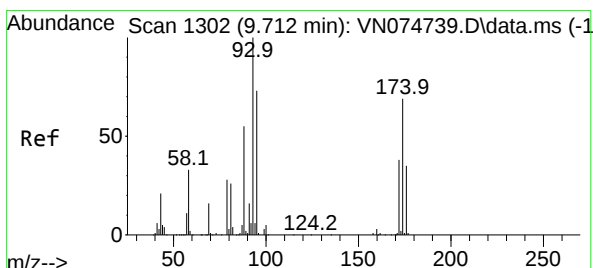
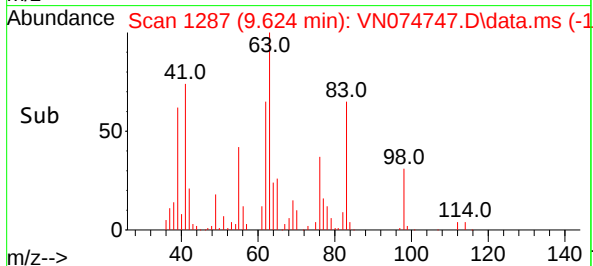
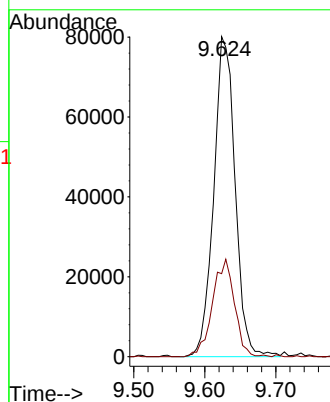
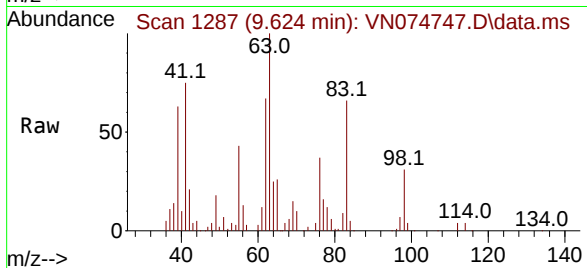
65 26.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 20.752 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

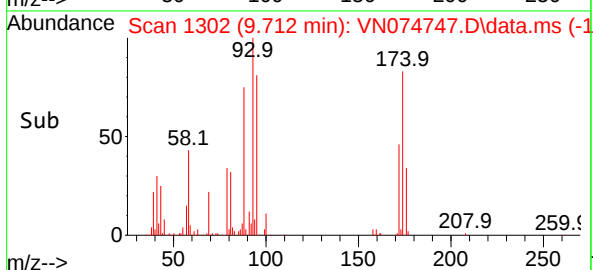
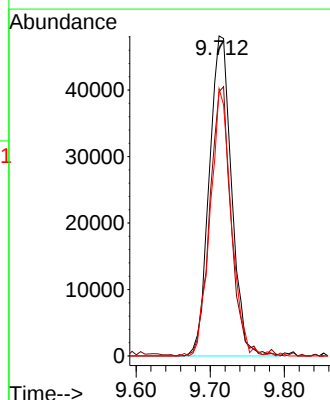
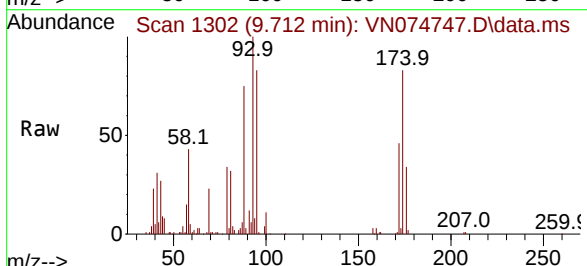
Tgt Ion: 93 Resp: 100835

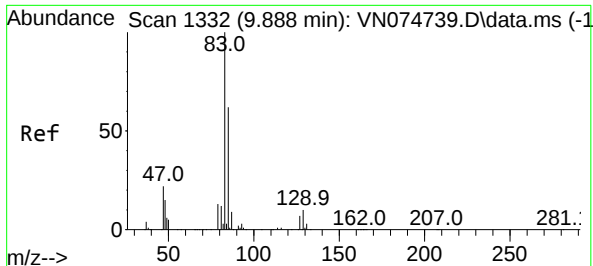
Ion Ratio Lower Upper

93 100

95 79.6 63.4 95.2

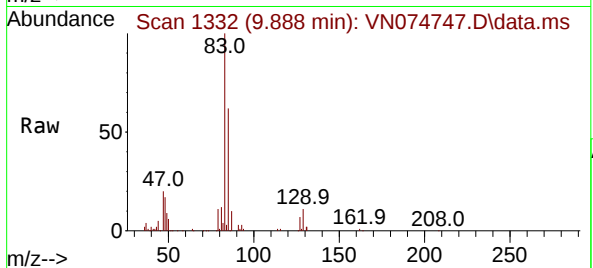
174 78.3 60.5 90.7





#47
Bromodichloromethane
Concen: 20.168 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

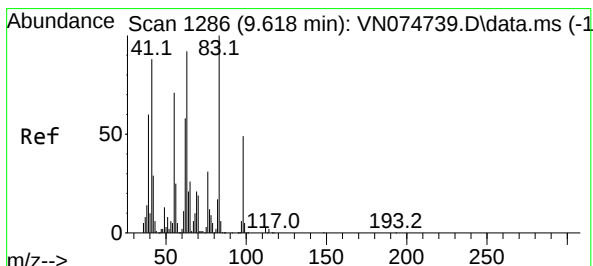
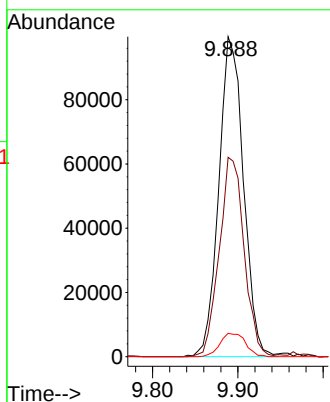
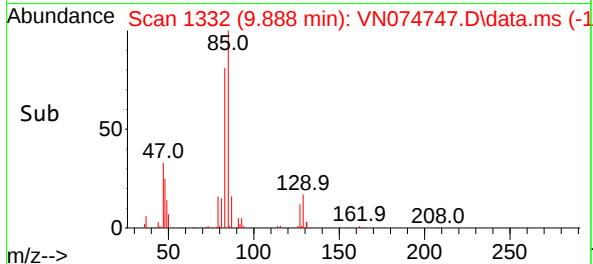
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 83 Resp: 20021
Ion Ratio Lower Upper
83 100
85 62.3 49.7 74.5
127 7.3 5.8 8.8

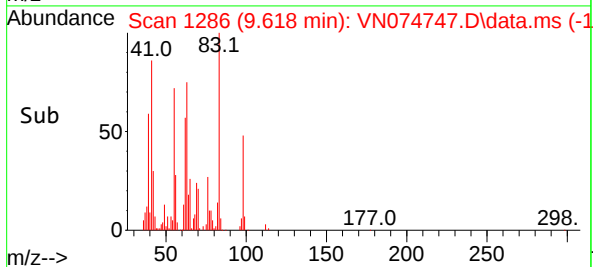
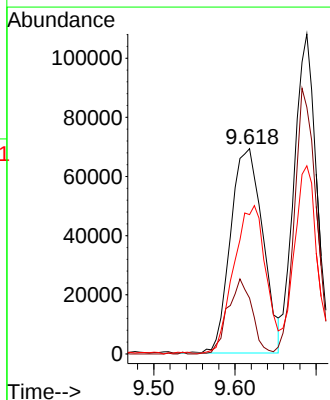
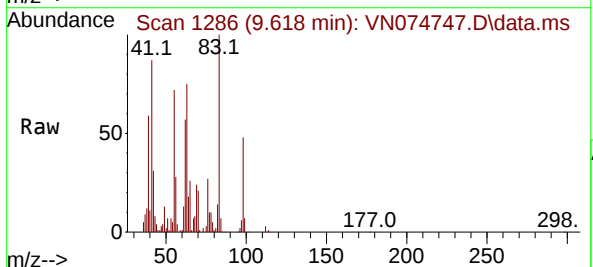
Manual Integrations
APPROVED

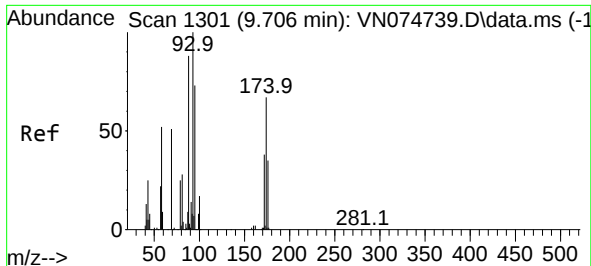
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 19.857 ug/l
RT: 9.618 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Tgt Ion: 41 Resp: 190894
Ion Ratio Lower Upper
41 100
69 27.6 0.0 0.0#
39 71.3 54.4 81.6





#49

1,4-Dioxane

Concen: 412.374 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01

Tgt Ion: 88 Resp: 8592

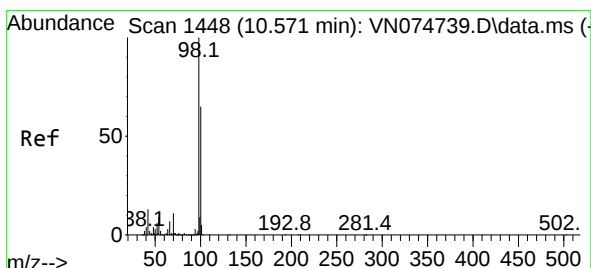
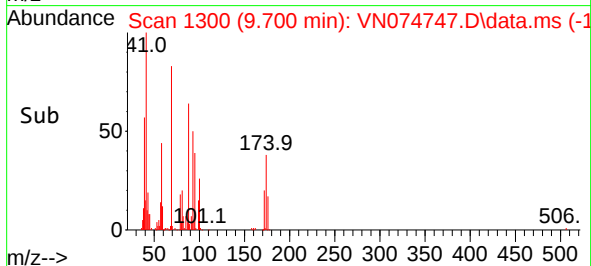
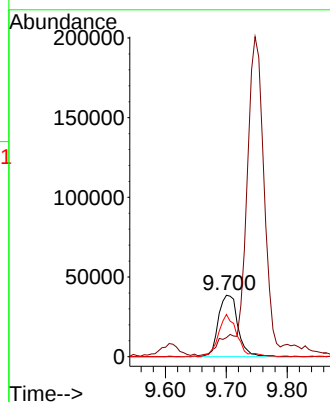
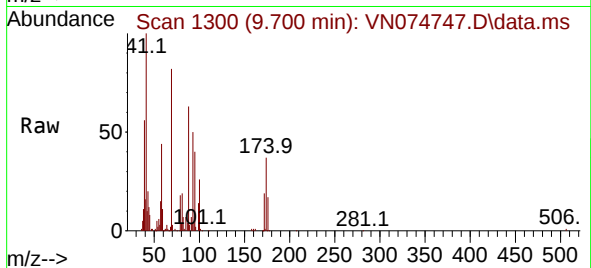
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2
58	66.0	54.9	82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 51.307 ug/l

RT: 10.571 min Scan# 1448

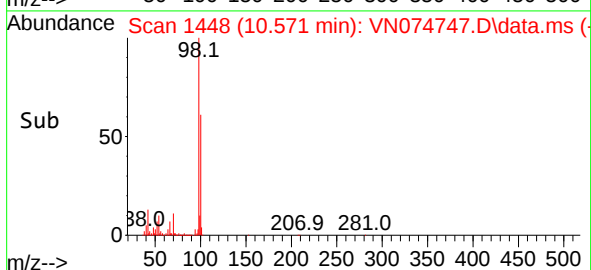
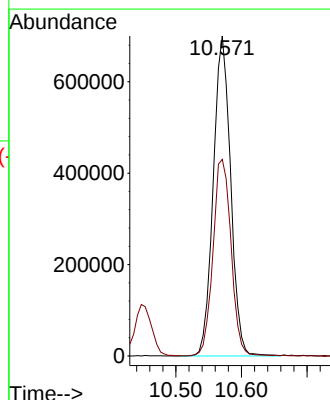
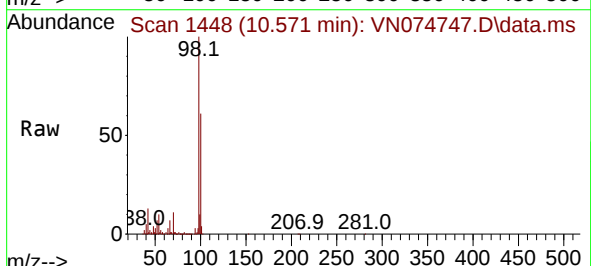
Delta R.T. -0.000 min

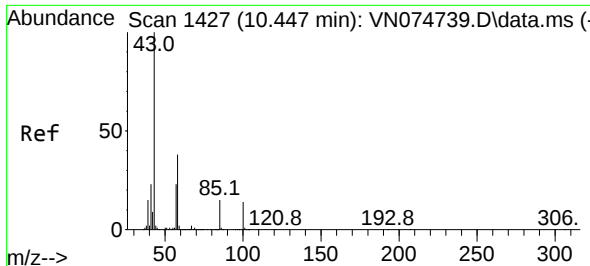
Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

Tgt Ion: 98 Resp: 1284881

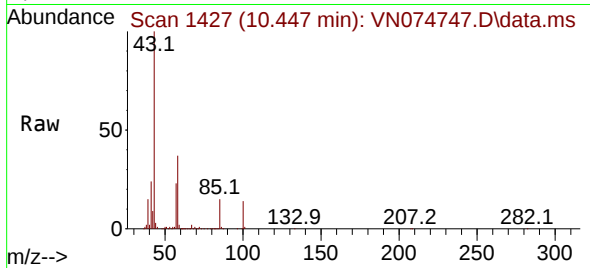
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1





#51
4-Methyl-2-Pentanone
Concen: 99.138 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

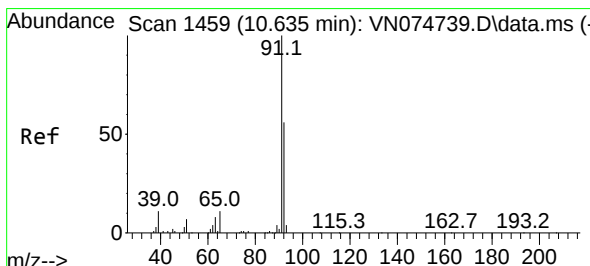
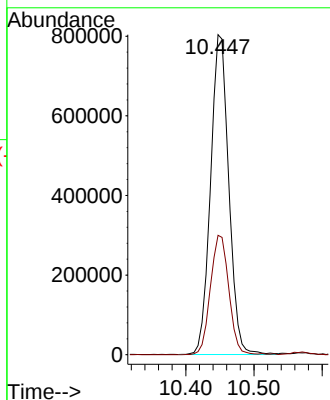
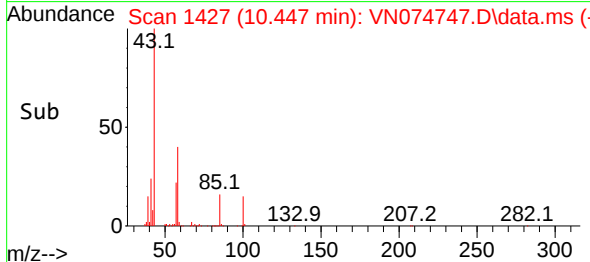
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 43 Resp: 1494900
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8

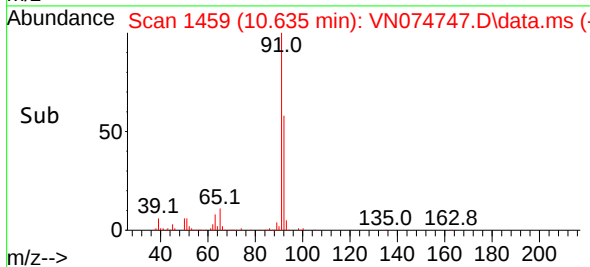
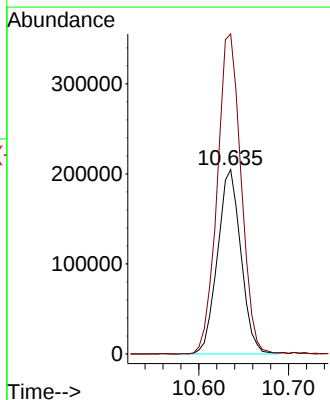
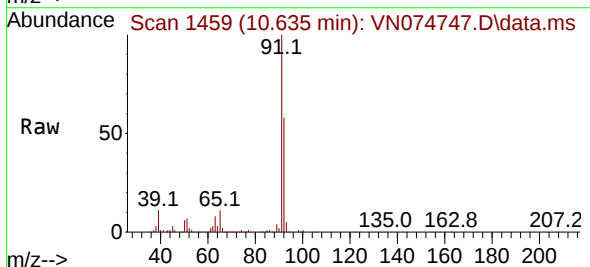
Manual Integrations
APPROVED

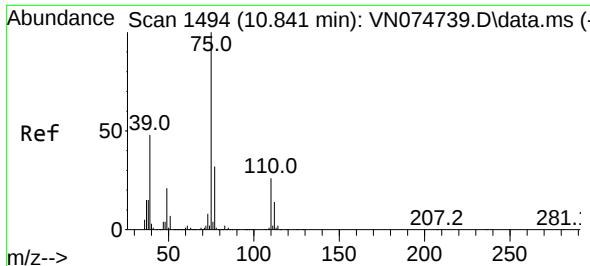
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 20.183 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

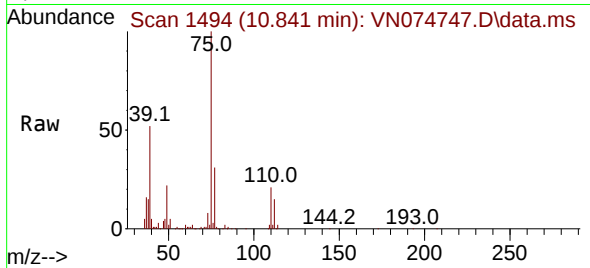
Tgt Ion: 92 Resp: 370802
Ion Ratio Lower Upper
92 100
91 177.3 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 18.983 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

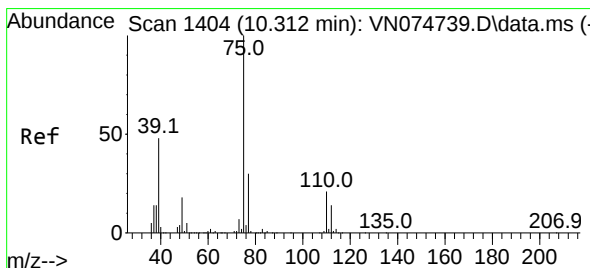
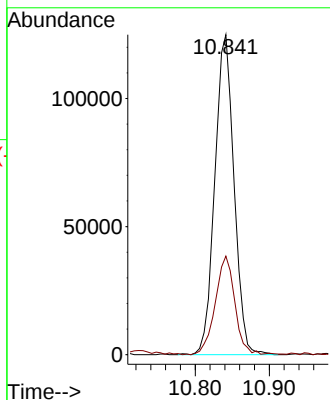
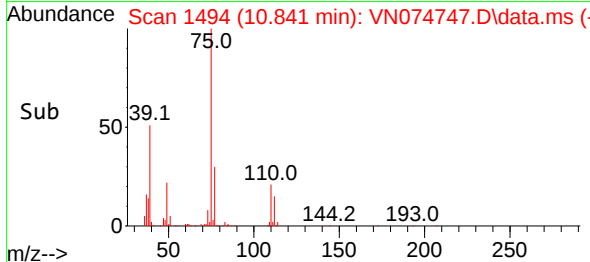
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



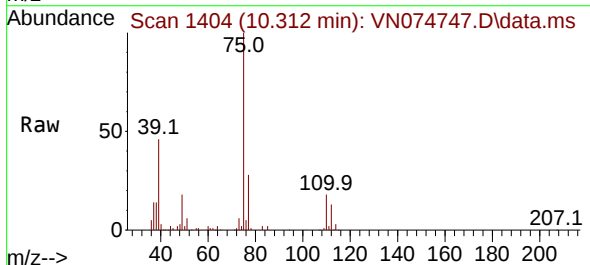
Tgt Ion: 75 Resp: 224538
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0

Manual Integrations
APPROVED

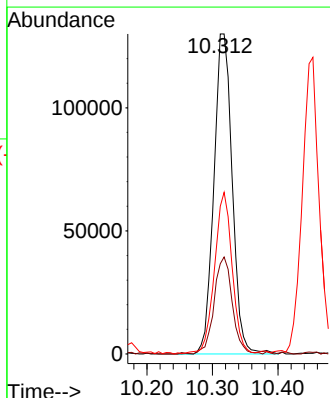
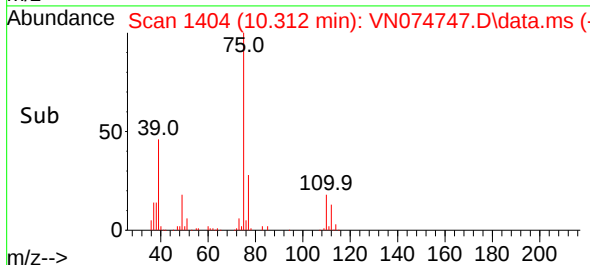
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

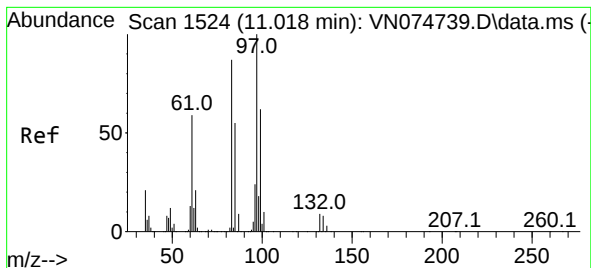


#54
cis-1,3-Dichloropropene
Concen: 19.745 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



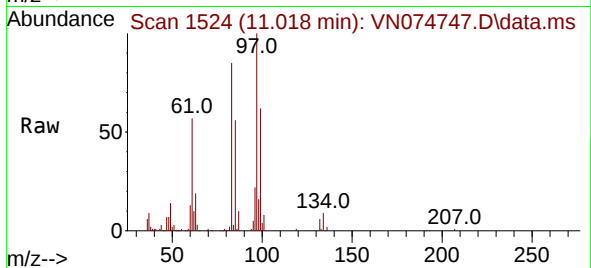
Tgt Ion: 75 Resp: 252152
Ion Ratio Lower Upper
75 100
77 28.2 24.4 36.6
39 45.8 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 19.646 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

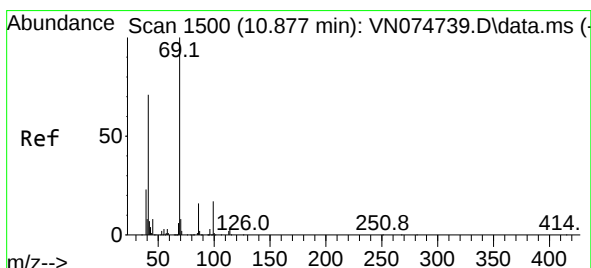
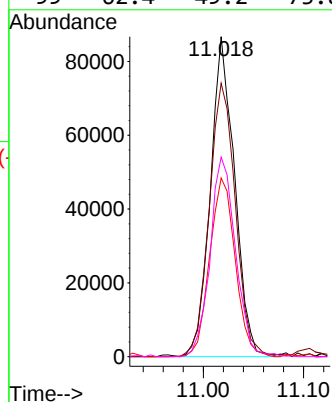
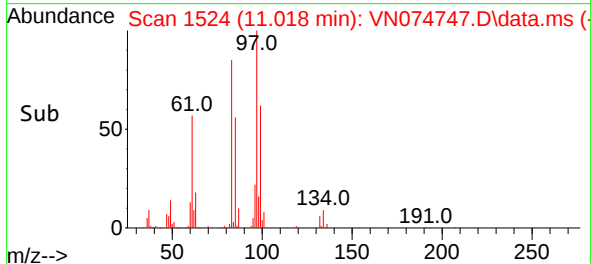
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



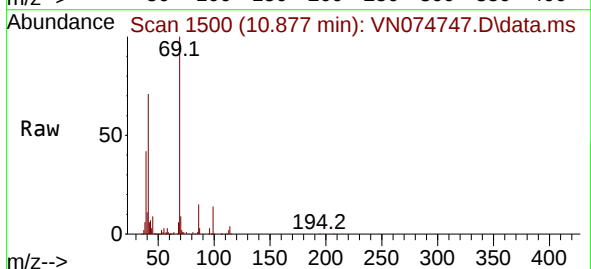
Tgt Ion: 97 Resp: 145128
Ion Ratio Lower Upper
97 100
83 85.4 69.7 104.5
85 55.8 43.8 65.6
99 62.4 49.2 73.8

Manual Integrations
APPROVED

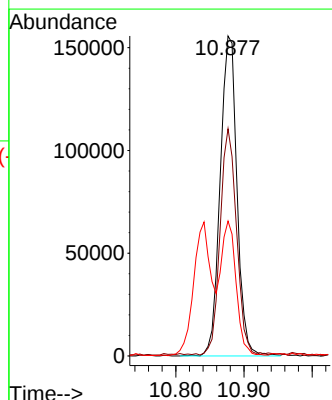
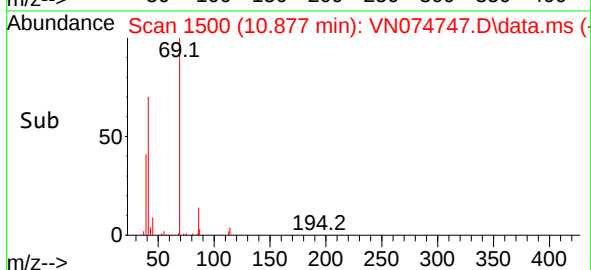
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

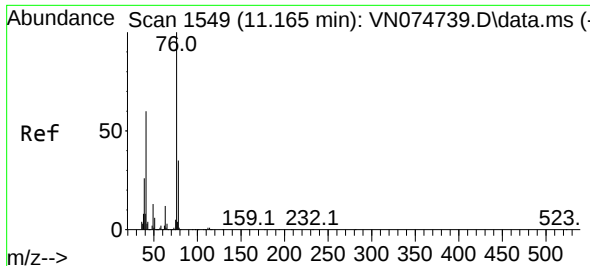


#56
Ethyl methacrylate
Concen: 19.854 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



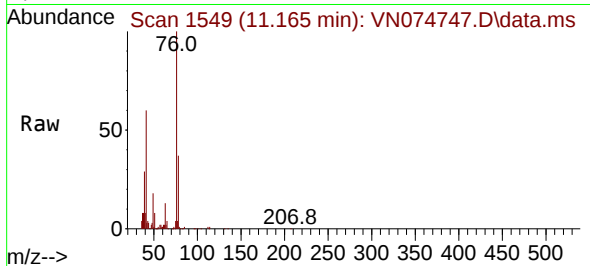
Tgt Ion: 69 Resp: 267113
Ion Ratio Lower Upper
69 100
41 69.7 54.9 82.3
39 37.4 31.5 47.3





#57
1,3-Dichloropropane
Concen: 20.228 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

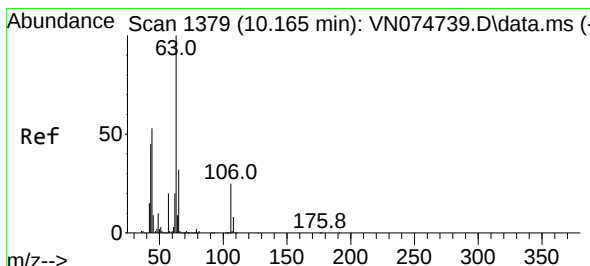
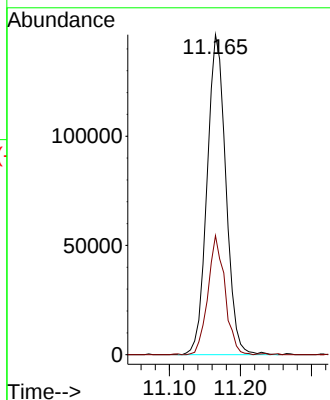
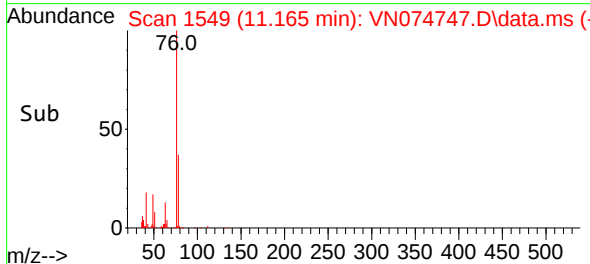
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 76 Resp: 269320
Ion Ratio Lower Upper
76 100
78 33.7 26.2 39.2

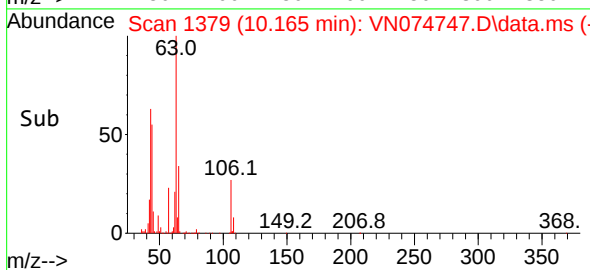
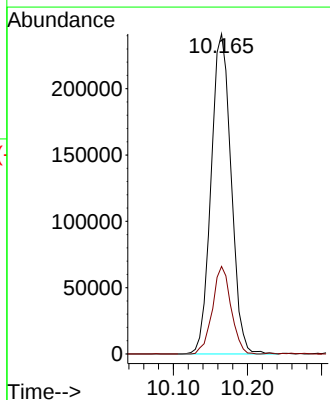
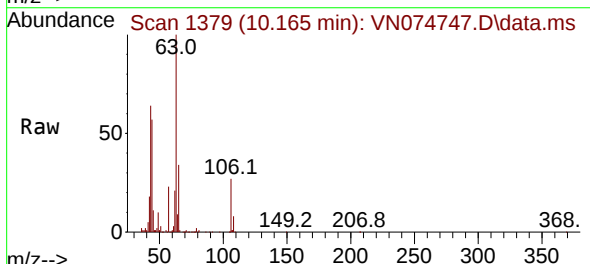
Manual Integrations
APPROVED

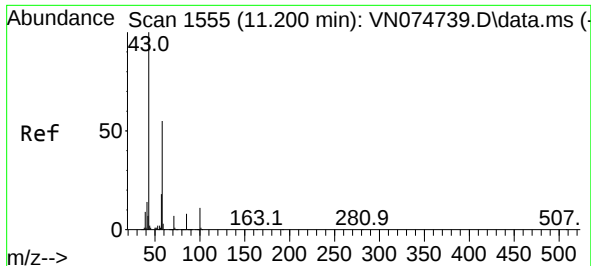
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#58
2-Chloroethyl Vinyl ether
Concen: 93.319 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

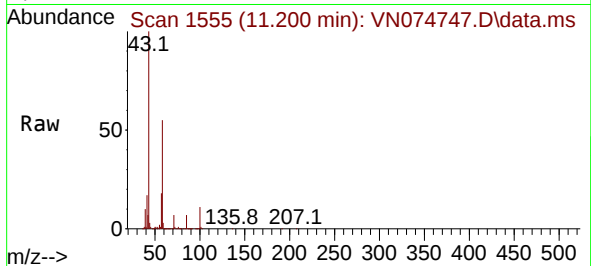
Tgt Ion: 63 Resp: 452845
Ion Ratio Lower Upper
63 100
106 25.4 20.0 30.0





#59
2-Hexanone
Concen: 99.733 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

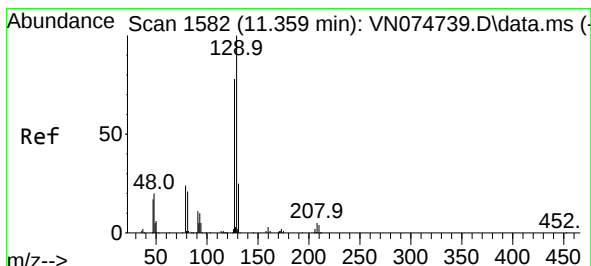
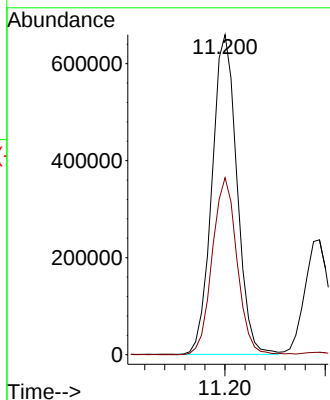
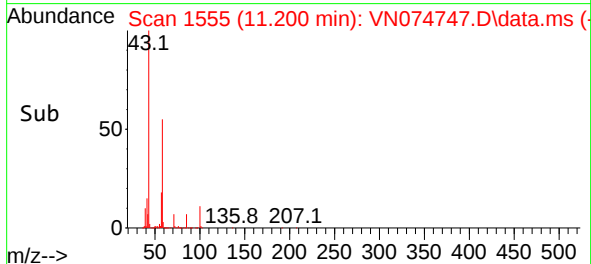
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 43 Resp: 113751
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.9

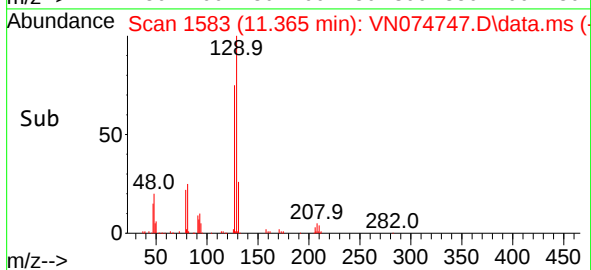
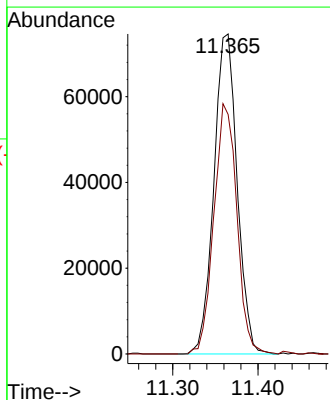
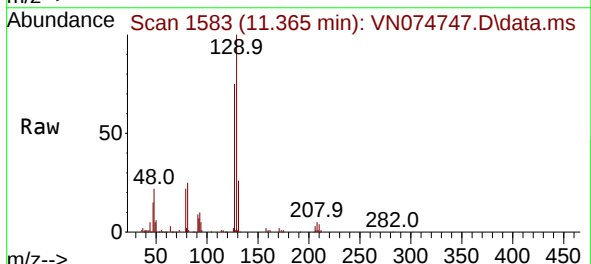
Manual Integrations
APPROVED

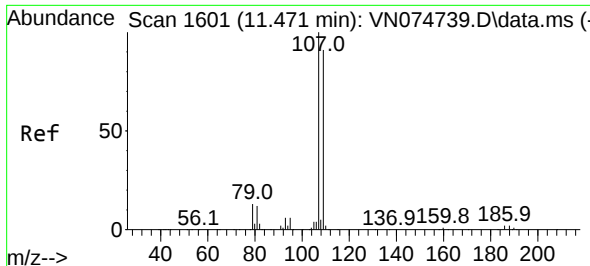
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 19.484 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

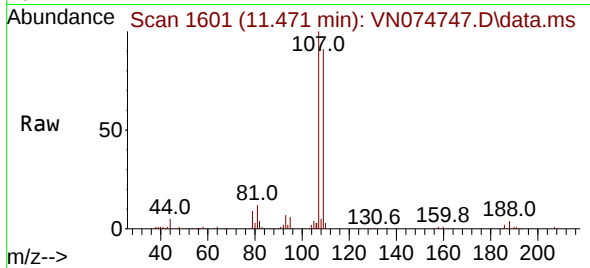
Tgt Ion:129 Resp: 141788
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.3





#61
1,2-Dibromoethane
Concen: 19.554 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

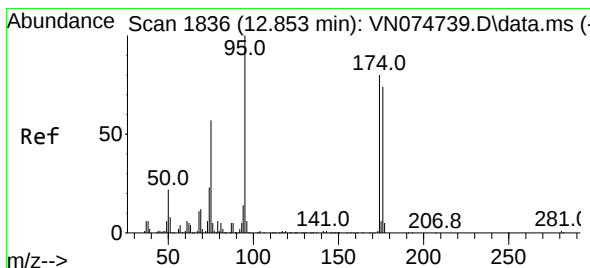
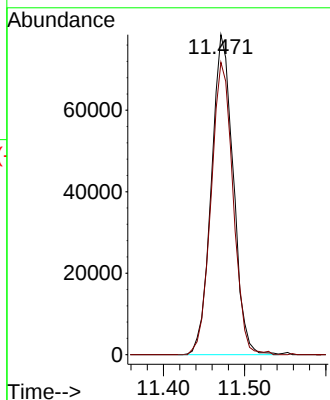
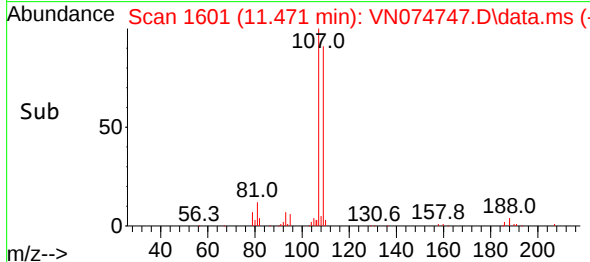
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



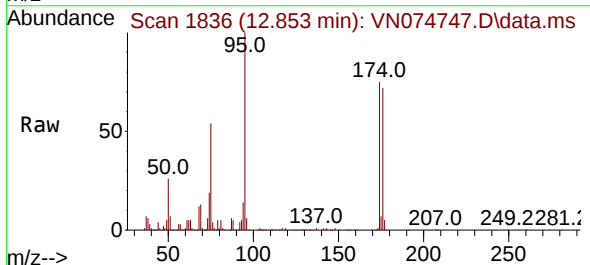
Tgt Ion:107 Resp: 14688
Ion Ratio Lower Upper
107 100
109 91.9 74.2 111.2

Manual Integrations
APPROVED

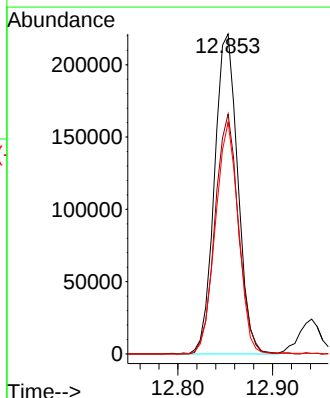
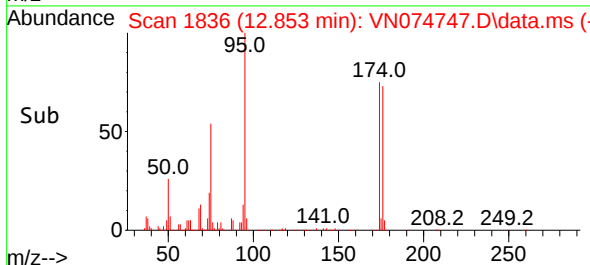
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

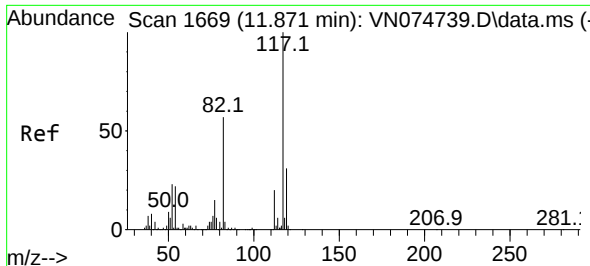


#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



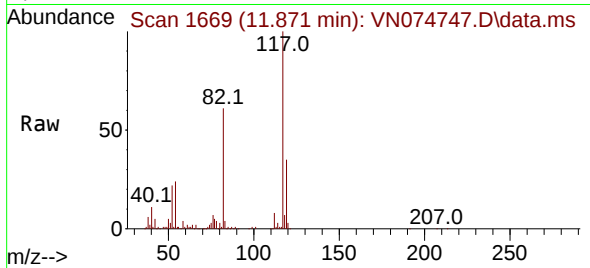
Tgt Ion: 95 Resp: 379371
Ion Ratio Lower Upper
95 100
174 75.2 0.0 149.4
176 71.3 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

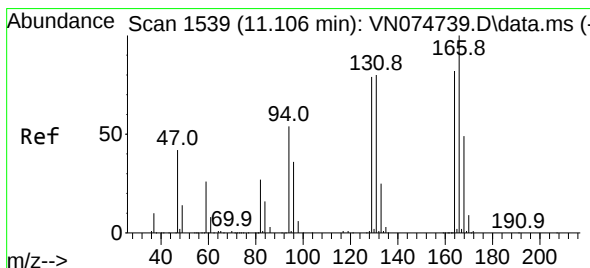
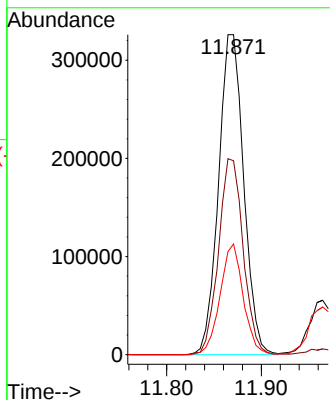
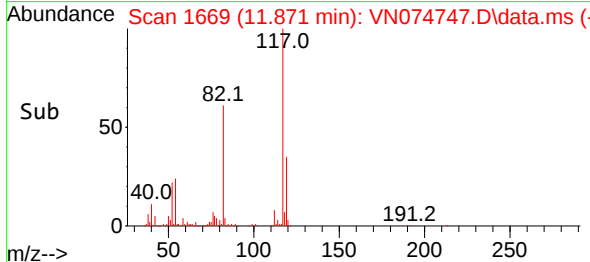
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion:117 Resp: 602645
Ion Ratio Lower Upper
117 100
82 60.6 45.4 68.2
119 34.6 25.1 37.7

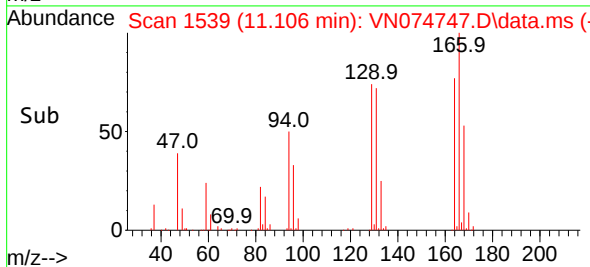
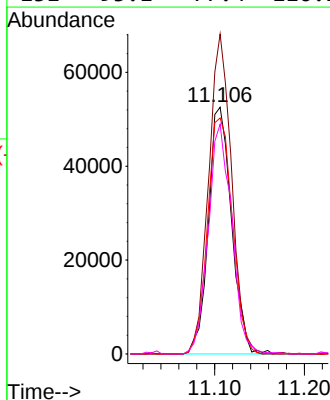
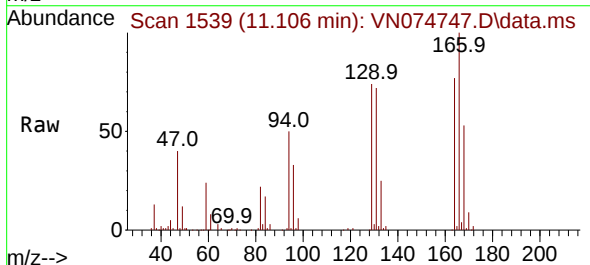
Manual Integrations
APPROVED

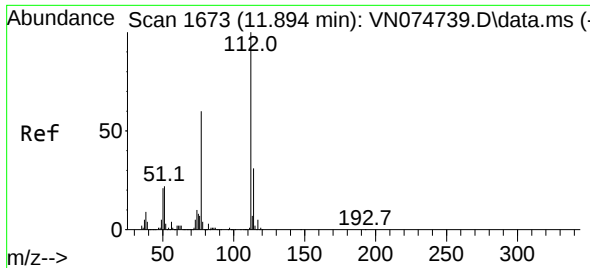
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 19.224 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

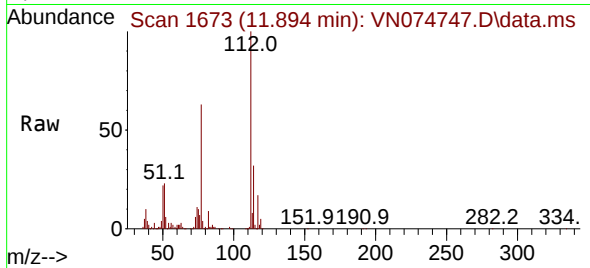
Tgt Ion:164 Resp: 94047
Ion Ratio Lower Upper
164 100
166 129.7 97.0 145.6
129 95.7 77.0 115.6
131 93.1 77.4 116.2





#65
Chlorobenzene
Concen: 19.405 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

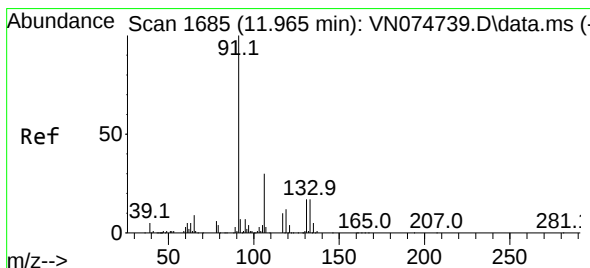
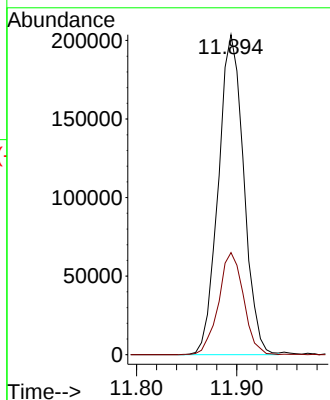
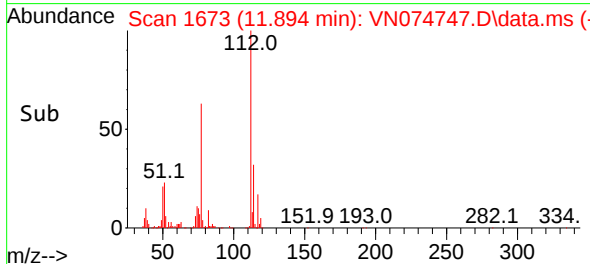
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



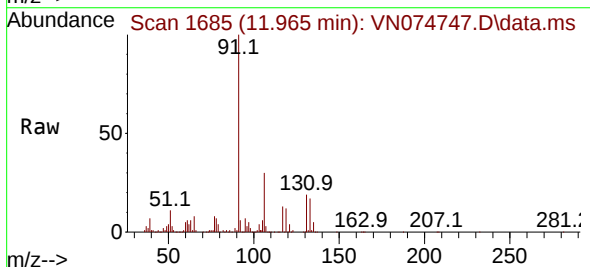
Tgt Ion:112 Resp: 35826
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

Manual Integrations
APPROVED

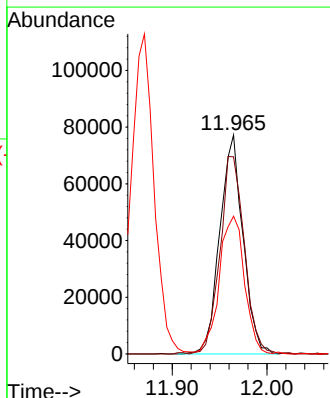
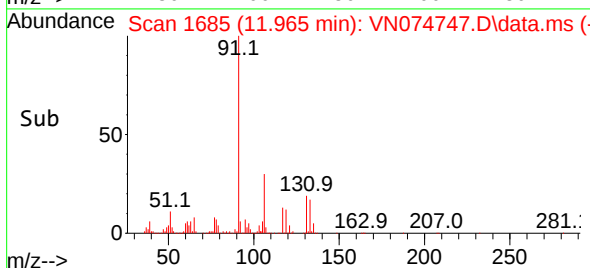
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

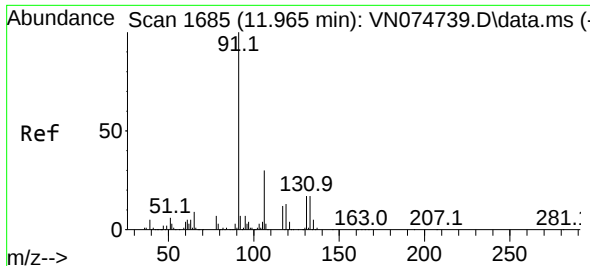


#66
1,1,1,2-Tetrachloroethane
Concen: 19.488 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



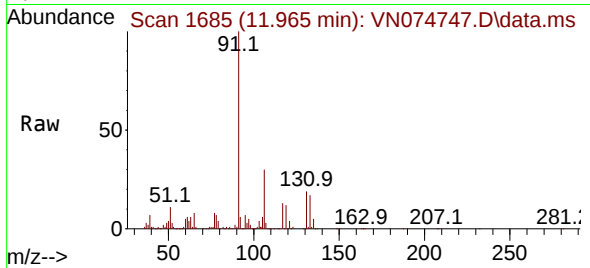
Tgt Ion:131 Resp: 131374
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 67.9 34.8 104.3





#67
Ethyl Benzene
Concen: 20.187 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

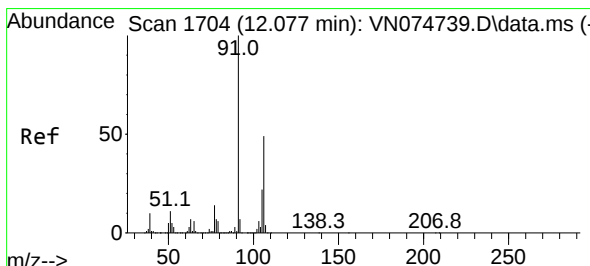
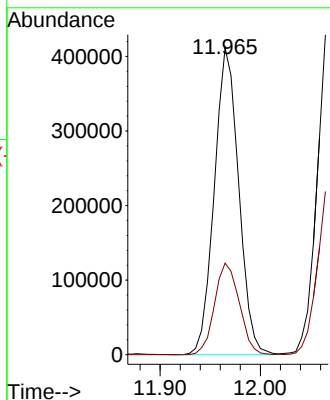
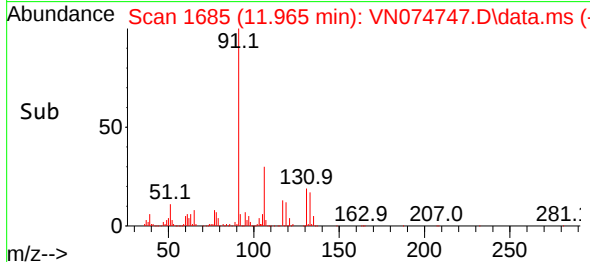
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



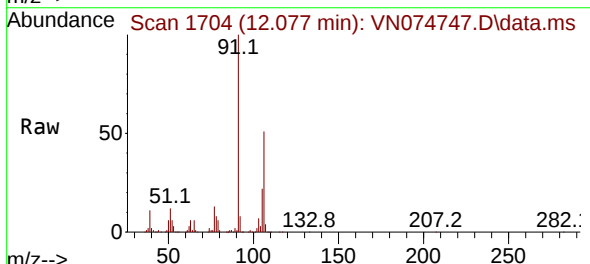
Tgt Ion: 91 Resp: 694698
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

Manual Integrations
APPROVED

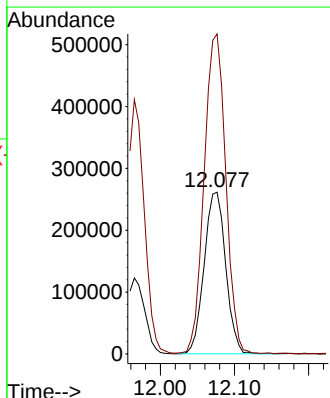
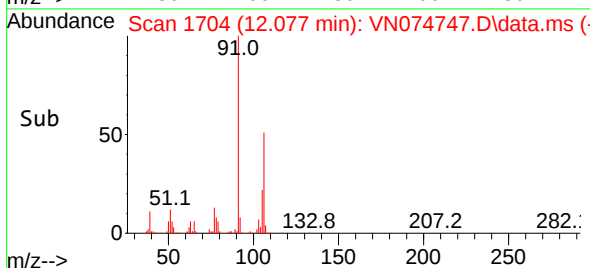
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

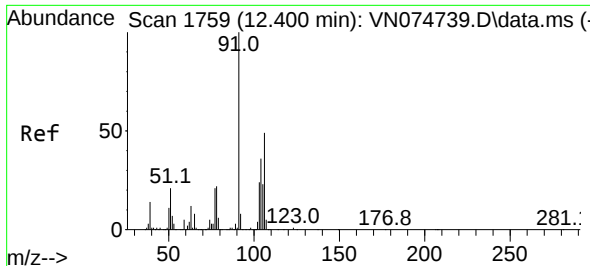


#68
m/p-Xylenes
Concen: 40.844 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



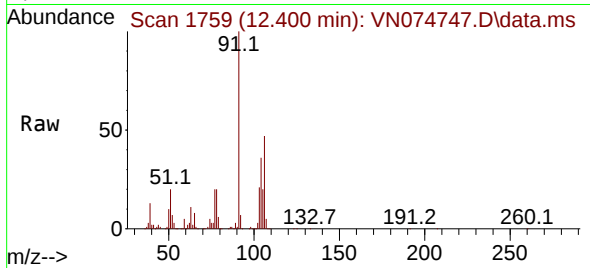
Tgt Ion:106 Resp: 527622
Ion Ratio Lower Upper
106 100
91 197.5 164.2 246.4





#69
o-Xylene
Concen: 20.013 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

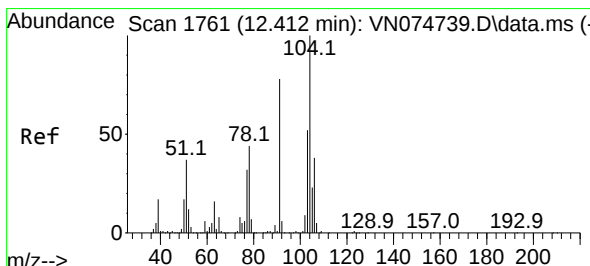
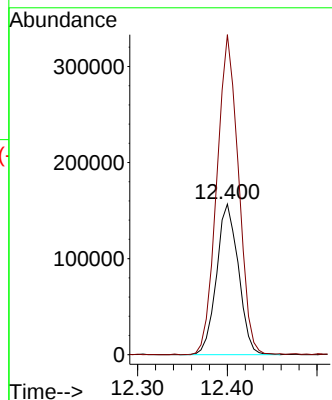
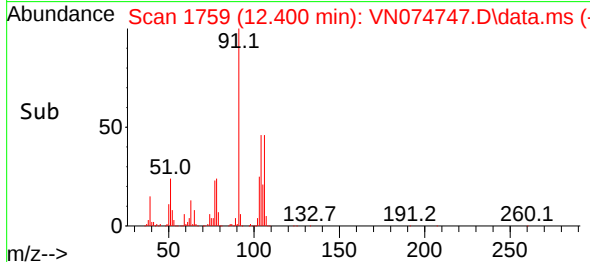
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



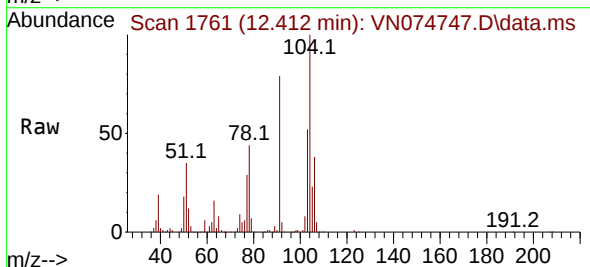
Tgt Ion:106 Resp: 265233
Ion Ratio Lower Upper
106 100
91 210.7 105.4 316.1

Manual Integrations
APPROVED

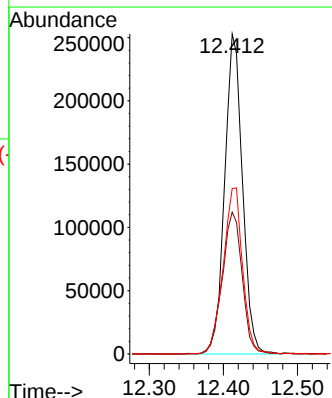
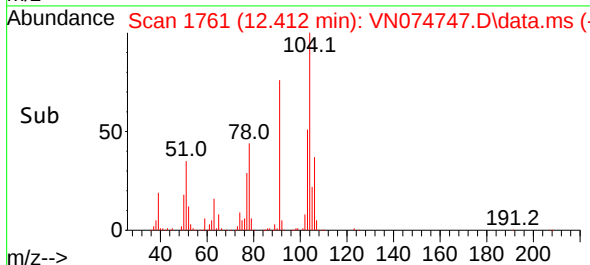
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

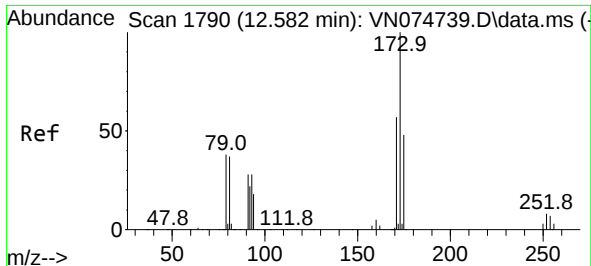


#70
Styrene
Concen: 20.168 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



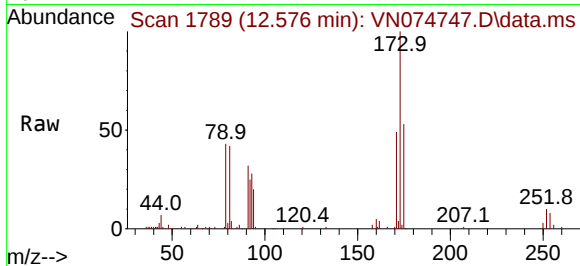
Tgt Ion:104 Resp: 421379
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 56.8 44.7 67.1





#71
Bromoform
Concen: 18.435 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

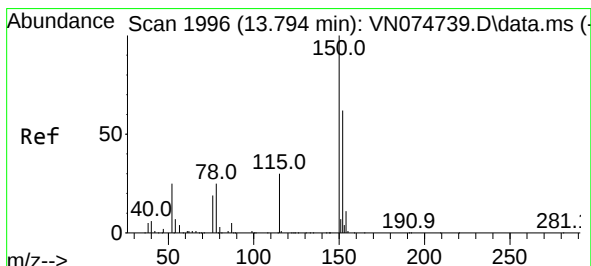
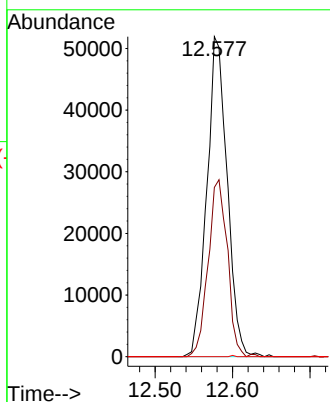
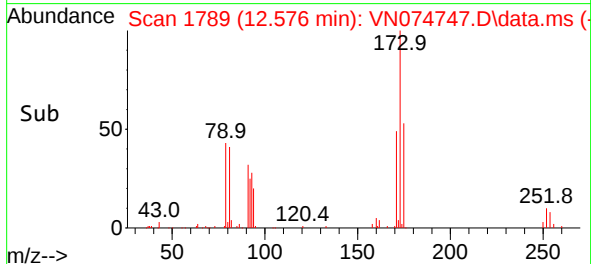
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



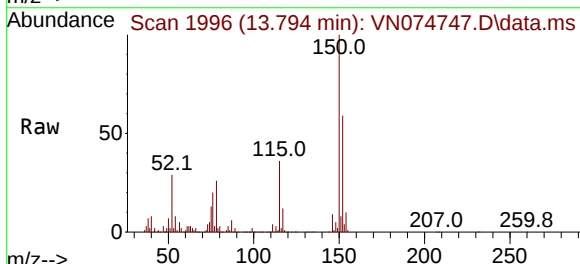
Tgt Ion:173 Resp: 9479
Ion Ratio Lower Upper
173 100
175 52.2 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

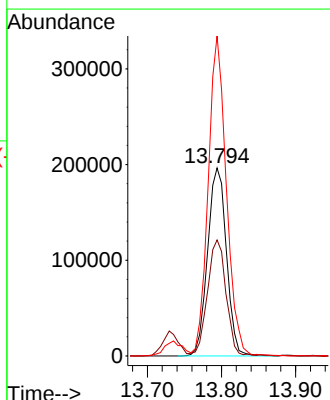
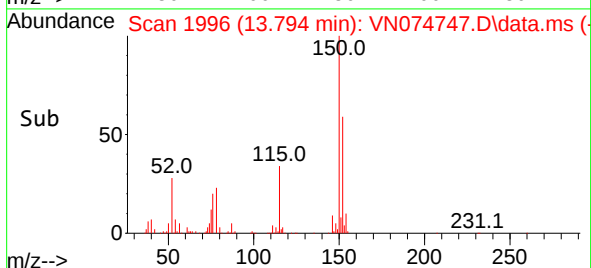
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

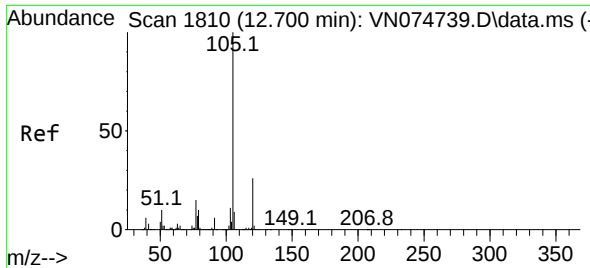


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



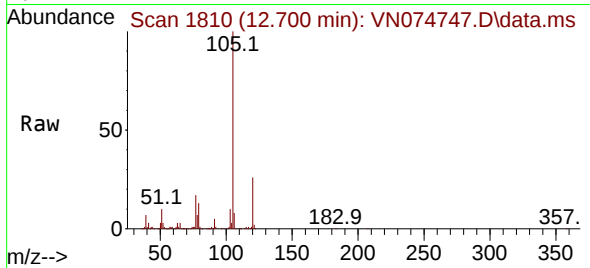
Tgt Ion:152 Resp: 347278
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 163.9 0.0 356.4





#73
Isopropylbenzene
Concen: 19.909 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

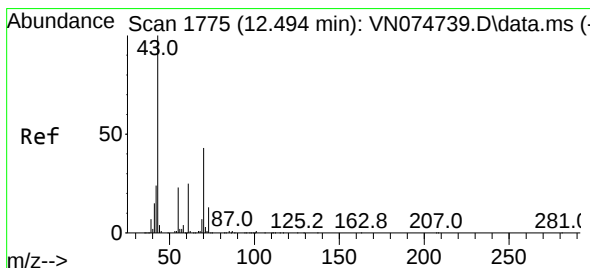
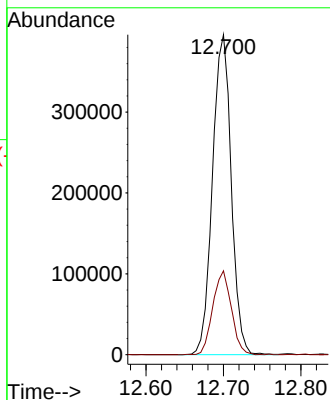
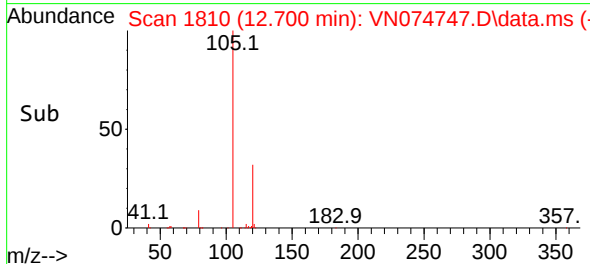
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



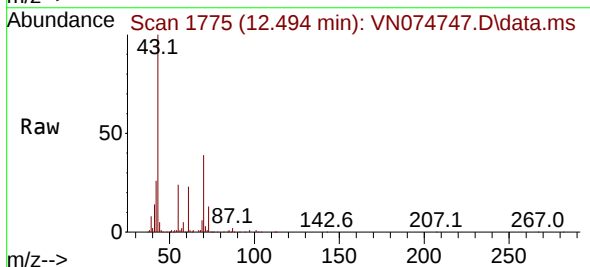
Tgt Ion:105 Resp: 665324
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

Manual Integrations
APPROVED

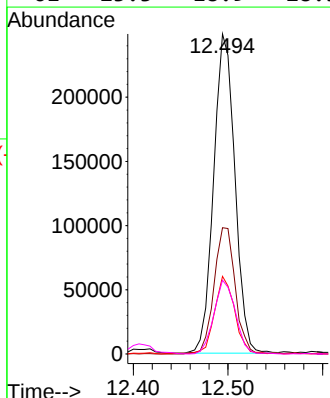
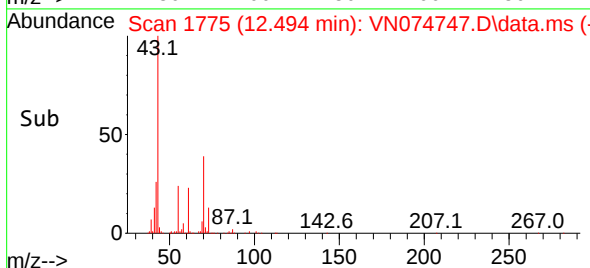
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

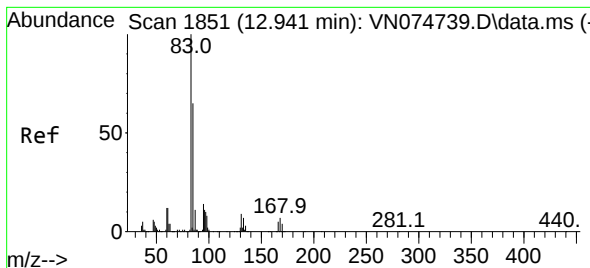


#74
N-ethyl acetate
Concen: 19.218 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



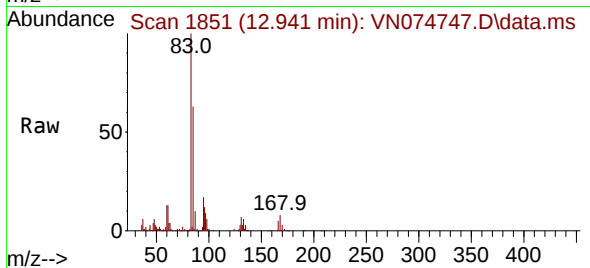
Tgt Ion: 43 Resp: 388314
Ion Ratio Lower Upper
43 100
70 39.5 32.9 49.3
55 23.4 17.8 26.6
61 23.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 21.491 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

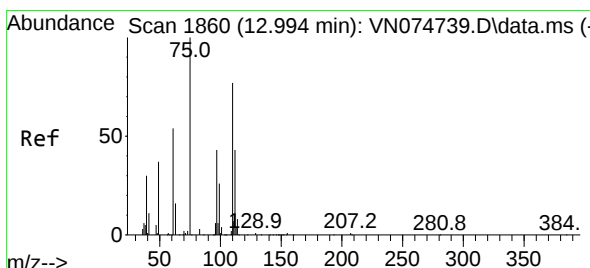
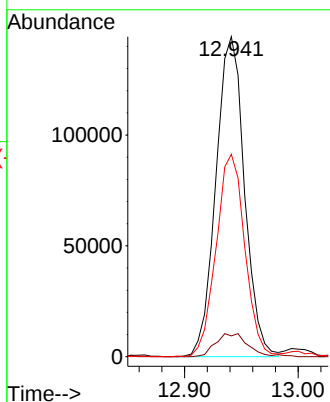
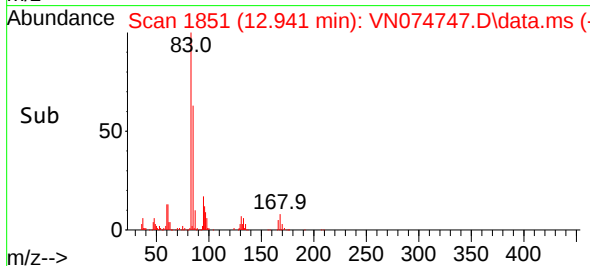
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



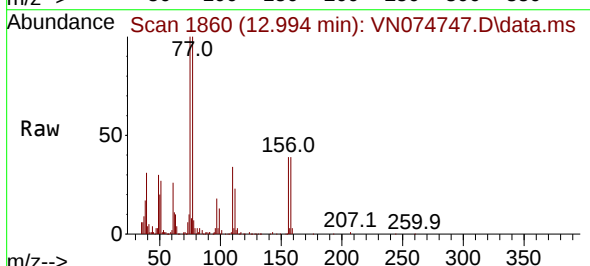
Tgt Ion: 83 Resp: 252700
Ion Ratio Lower Upper
83 100
131 8.3 4.3 12.8
85 63.5 32.9 98.6

Manual Integrations
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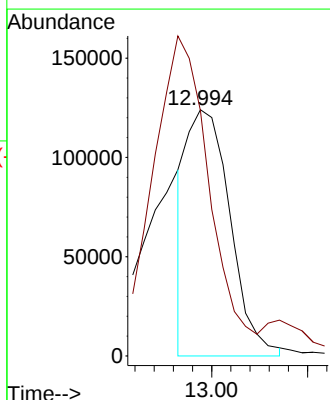
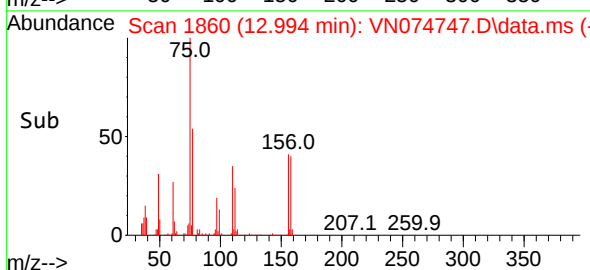
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

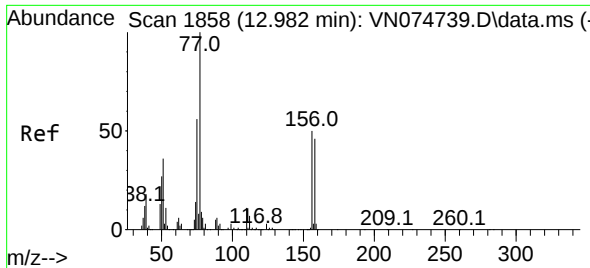


#76
1,2,3-Trichloropropane
Concen: 18.779 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



Tgt Ion: 75 Resp: 194651
Ion Ratio Lower Upper
75 100
77 171.2 76.9 230.7





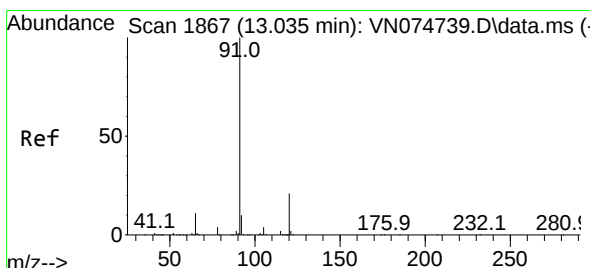
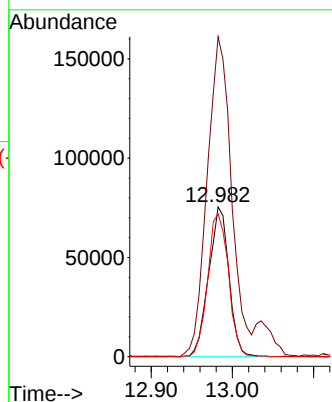
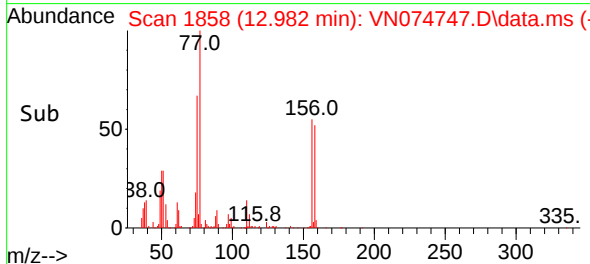
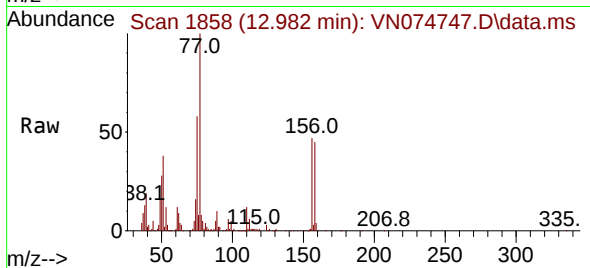
#77
Bromobenzene
Concen: 20.366 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01

Tgt Ion:156 Resp: 131088
Ion Ratio Lower Upper
156 100
77 254.3 124.7 374.1
158 98.1 48.3 144.9

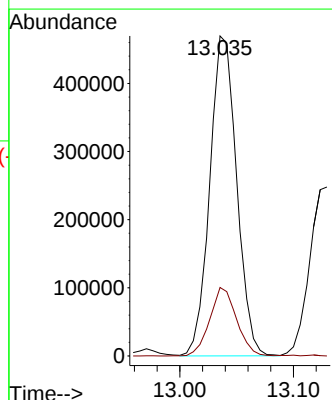
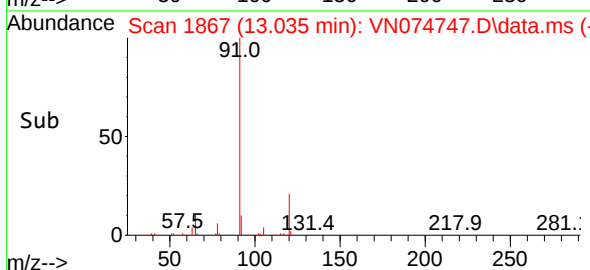
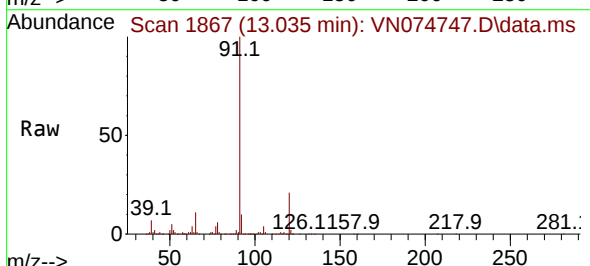
Manual Integrations
APPROVED

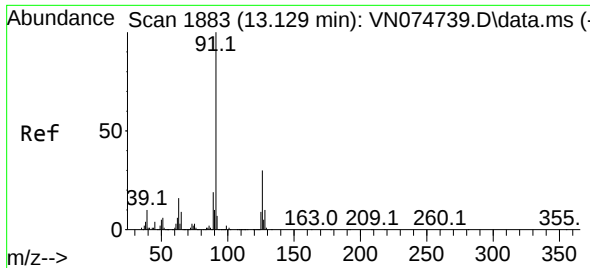
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#78
n-propylbenzene
Concen: 20.063 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

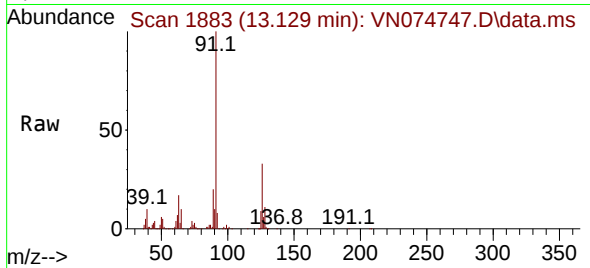
Tgt Ion: 91 Resp: 772433
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4





#79
2-Chlorotoluene
Concen: 19.218 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

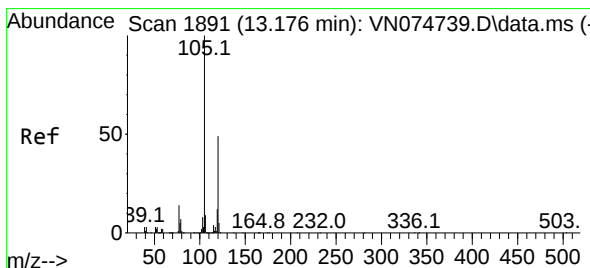
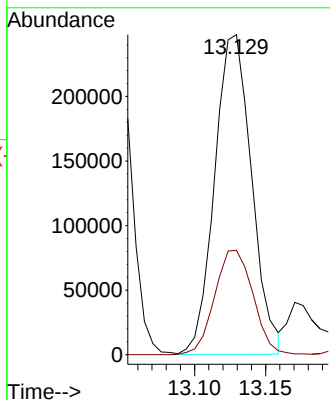
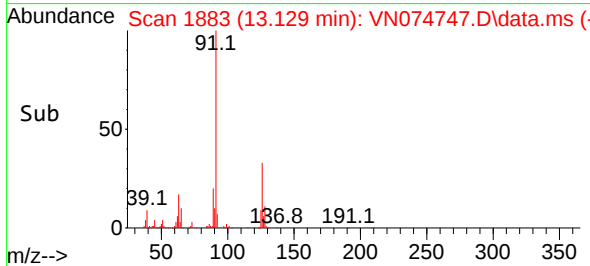
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



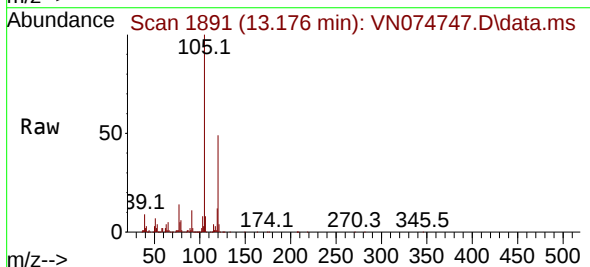
Tgt Ion: 91 Resp: 448648
Ion Ratio Lower Upper
91 100
126 33.9 15.7 47.0

Manual Integrations
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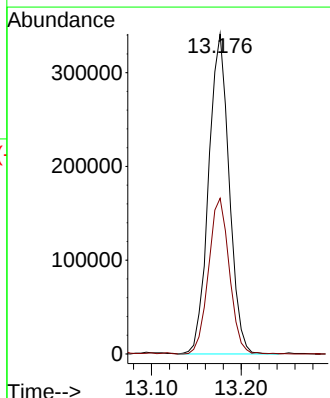
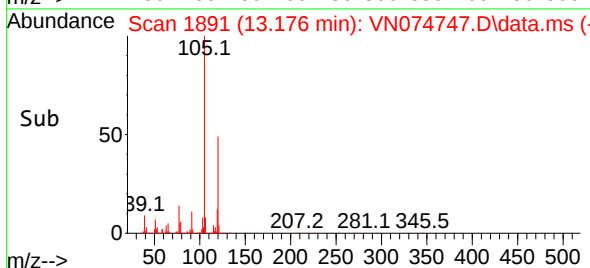
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

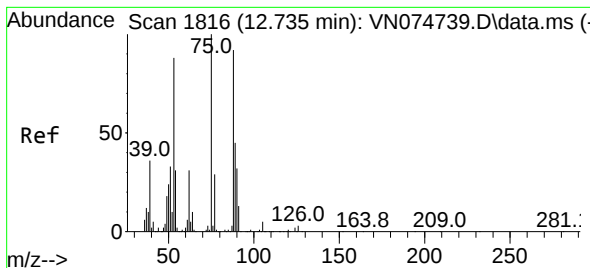


#80
1,3,5-Trimethylbenzene
Concen: 20.322 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



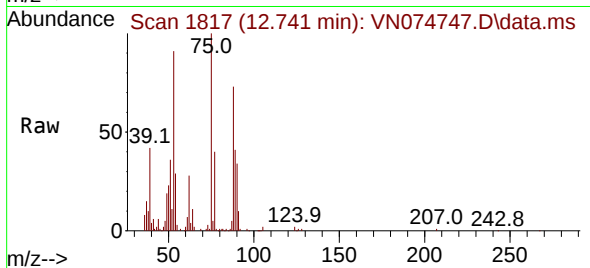
Tgt Ion:105 Resp: 541632
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.624 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

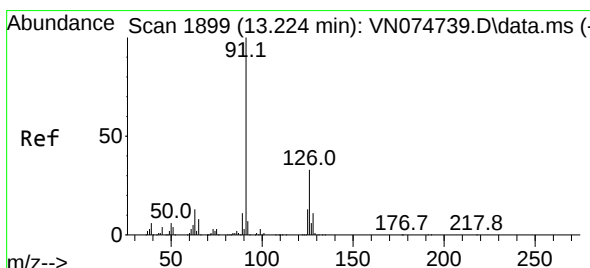
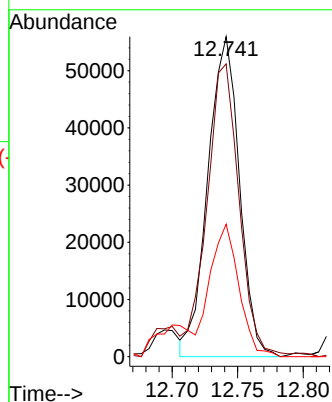
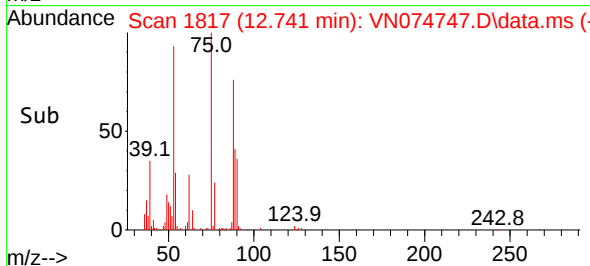
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 75 Resp: 93760
Ion Ratio Lower Upper
75 100
53 93.7 71.4 107.0
89 37.6 32.1 48.1

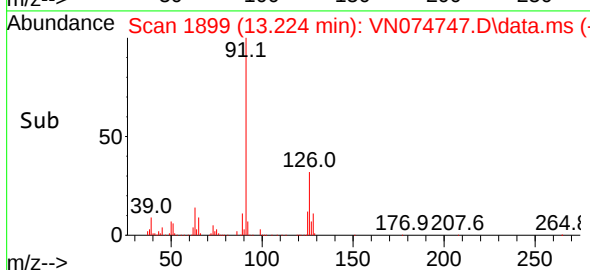
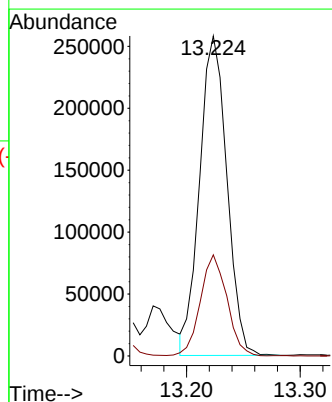
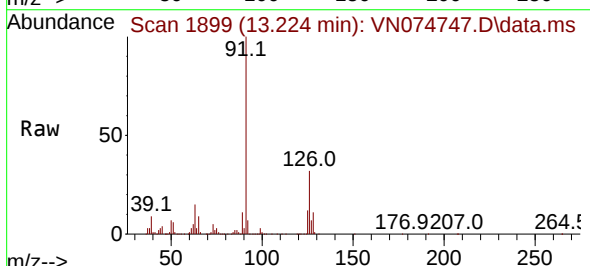
Manual Integrations
APPROVED

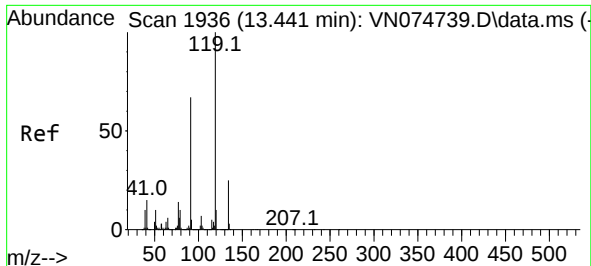
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 19.897 ug/l
RT: 13.224 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

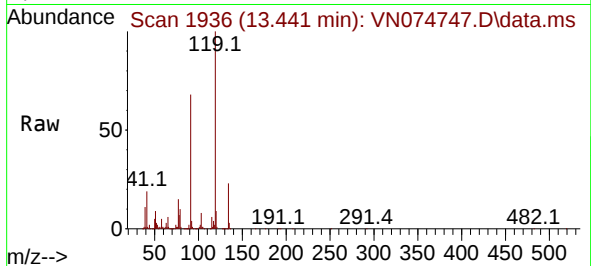
Tgt Ion: 91 Resp: 430525
Ion Ratio Lower Upper
91 100
126 30.7 16.4 49.2





#83
tert-Butylbenzene
Concen: 20.010 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

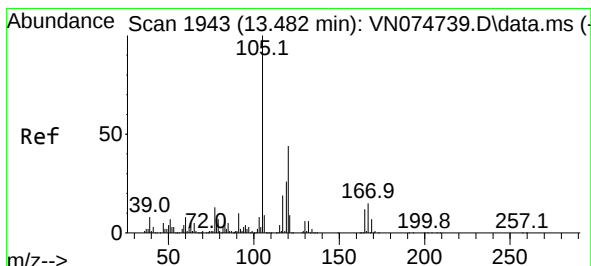
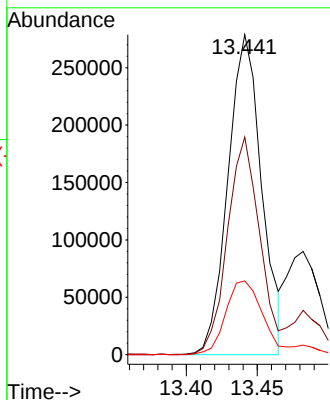
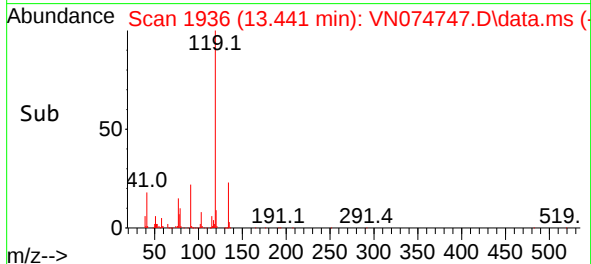
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



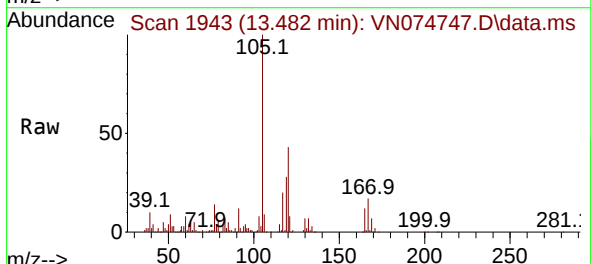
Tgt Ion:119 Resp: 460852
Ion Ratio Lower Upper
119 100
91 66.6 33.0 98.9
134 25.0 13.2 39.5

Manual Integrations
APPROVED

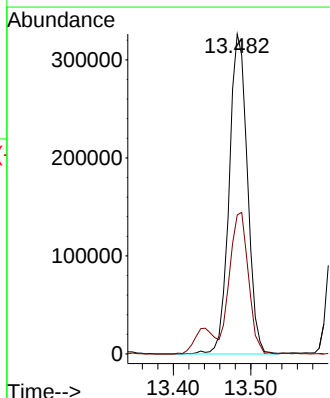
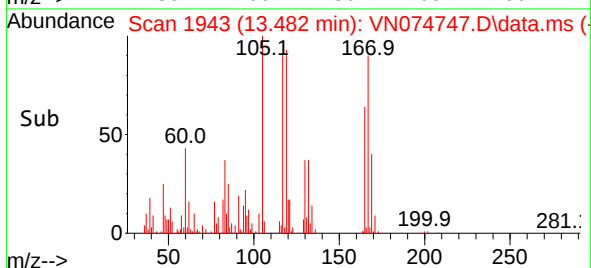
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

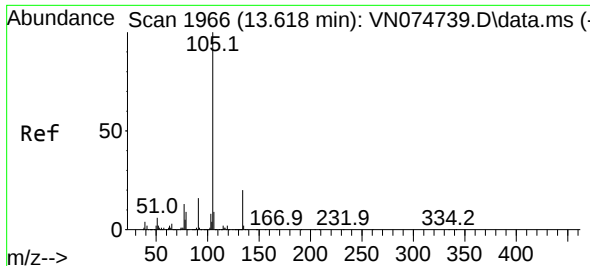


#84
1,2,4-Trimethylbenzene
Concen: 19.787 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



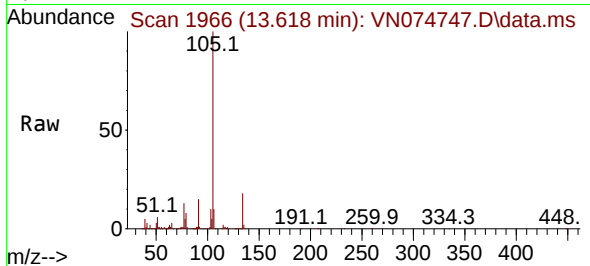
Tgt Ion:105 Resp: 533251
Ion Ratio Lower Upper
105 100
120 45.4 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 20.092 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074747.D
 Acq: 05 Oct 2022 19:12

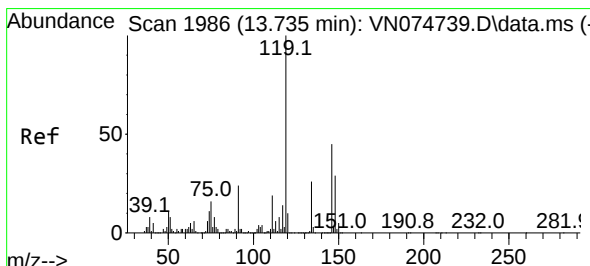
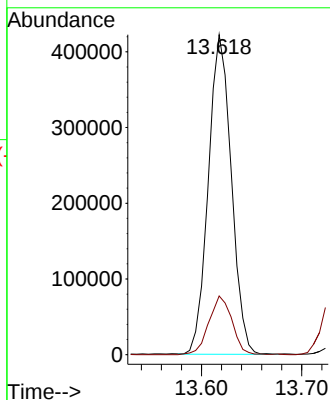
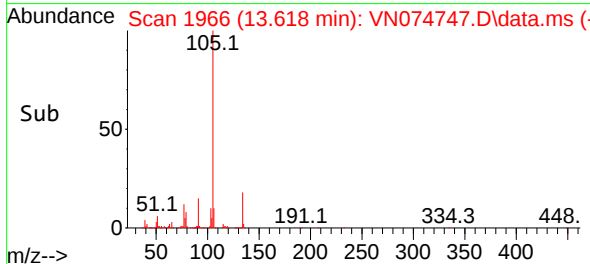
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBSD01



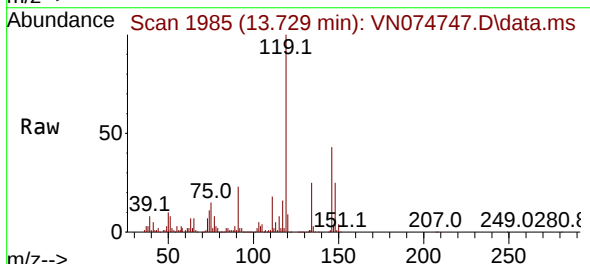
Tgt Ion:105 Resp: 672450
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2

Manual Integrations
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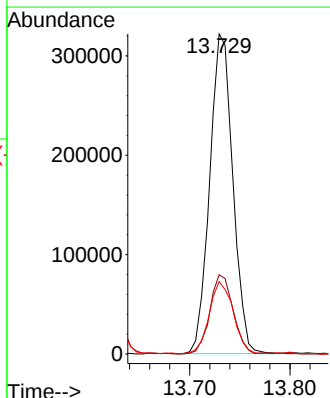
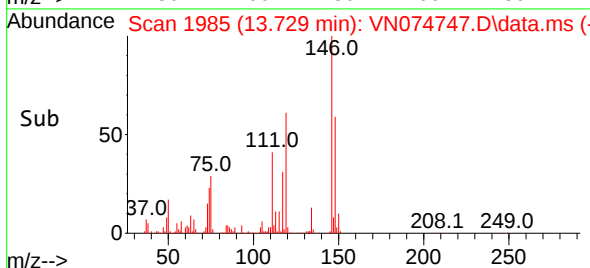
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

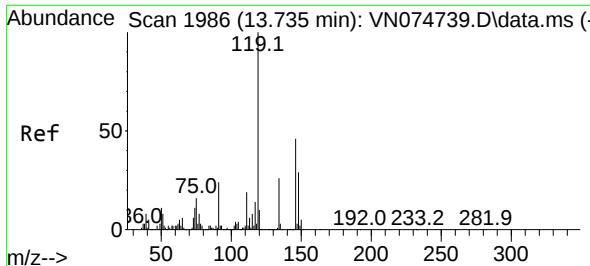


#86
 p-Isopropyltoluene
 Concen: 19.967 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074747.D
 Acq: 05 Oct 2022 19:12



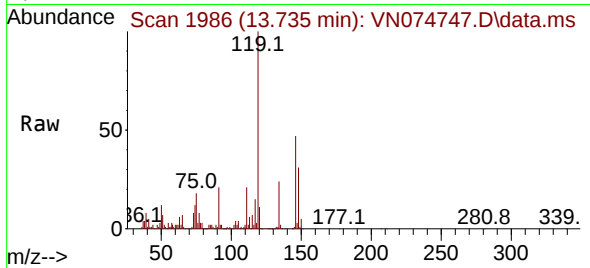
Tgt Ion:119 Resp: 515711
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.1 39.1
 91 23.5 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 19.538 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

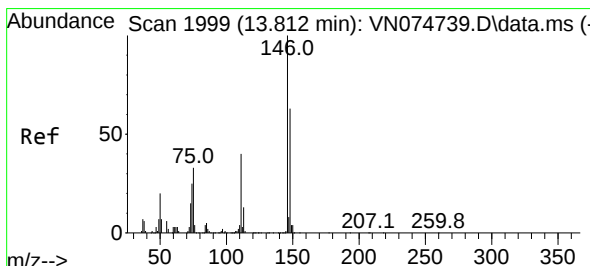
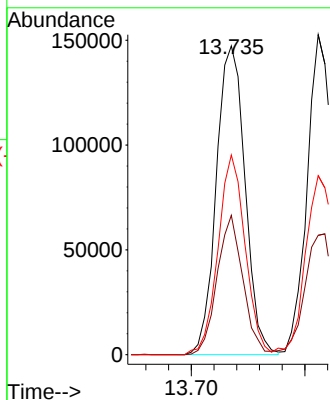
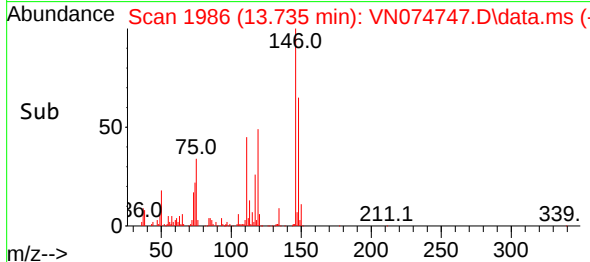
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion:146 Resp: 258940
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.2
148 61.0 31.5 94.5

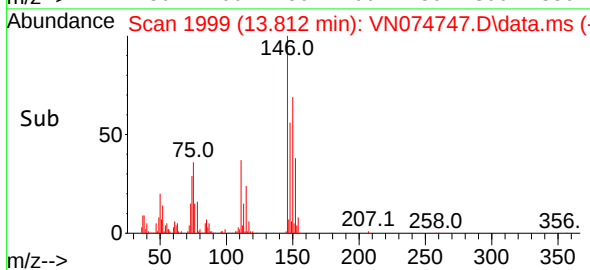
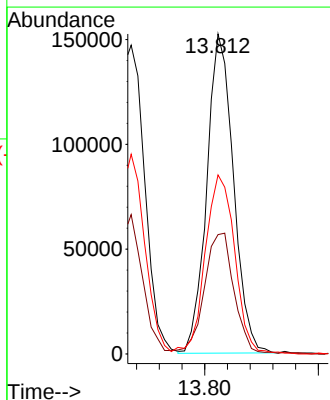
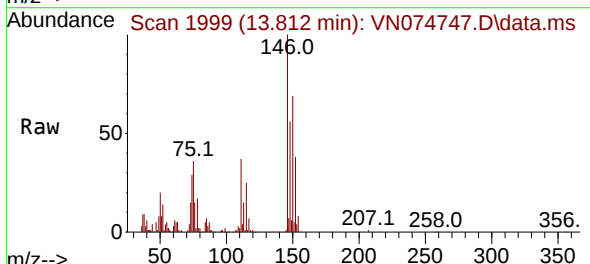
Manual Integrations
APPROVED

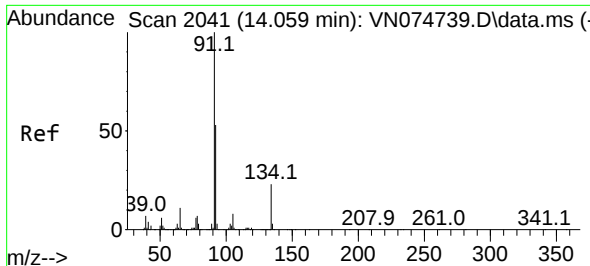
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#88
1,4-Dichlorobenzene
Concen: 19.820 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

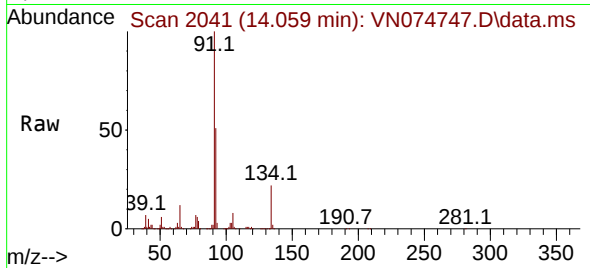
Tgt Ion:146 Resp: 248112
Ion Ratio Lower Upper
146 100
111 41.7 19.9 59.6
148 62.3 31.8 95.4





#89
n-Butylbenzene
Concen: 19.834 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

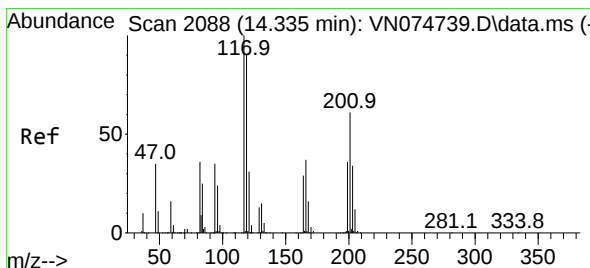
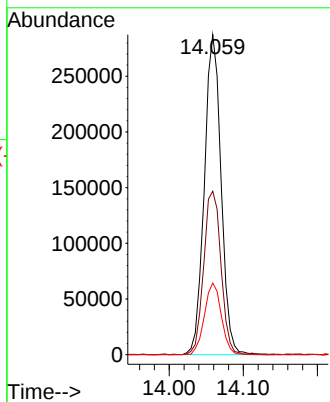
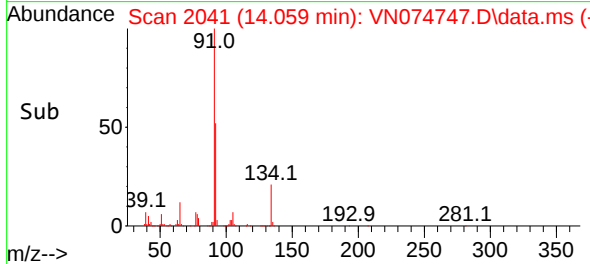
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



Tgt Ion: 91 Resp: 45151
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.0
134 22.6 11.9 35.5

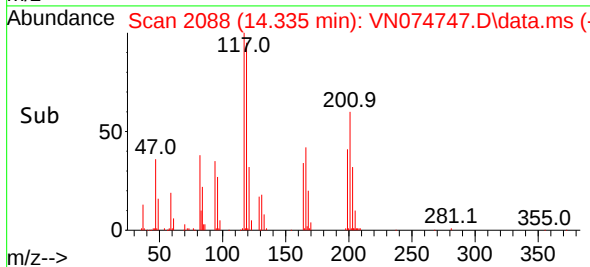
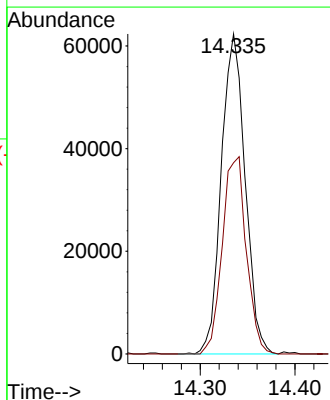
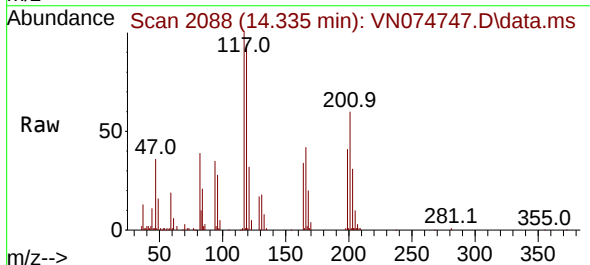
Manual Integrations
APPROVED

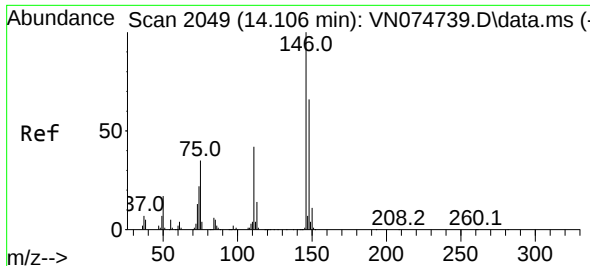
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 18.872 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

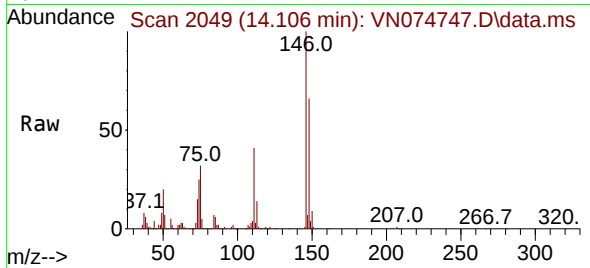
Tgt Ion:117 Resp: 108983
Ion Ratio Lower Upper
117 100
201 62.2 30.3 90.8





#91
1,2-Dichlorobenzene
Concen: 19.726 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

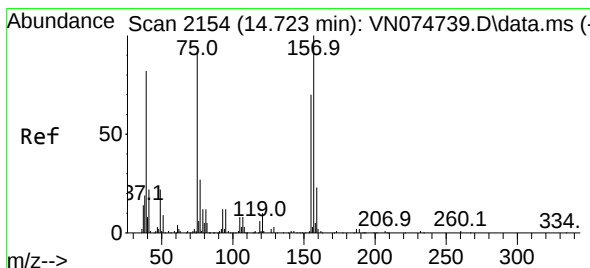
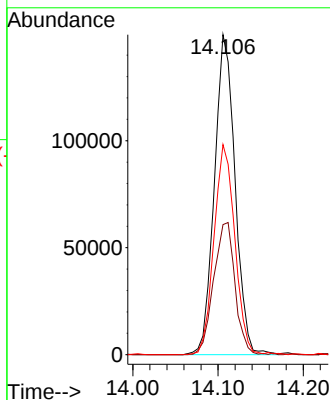
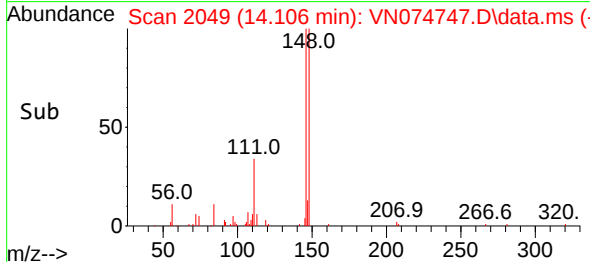
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



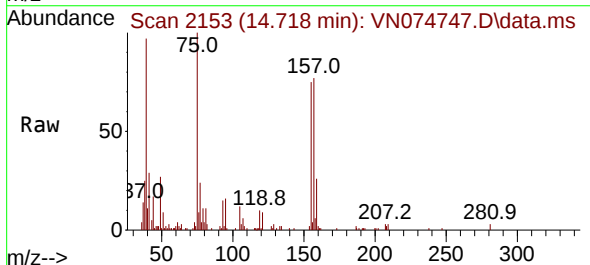
Tgt Ion:146 Resp: 251768
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 66.0 31.9 95.9

Manual Integrations
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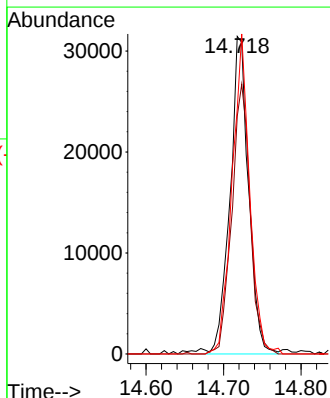
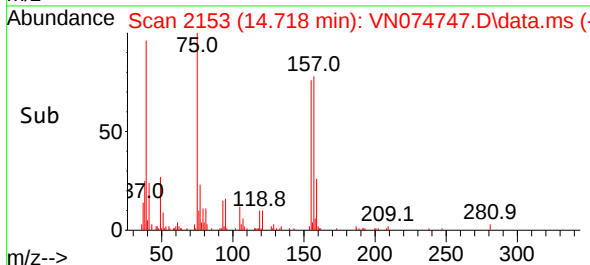
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

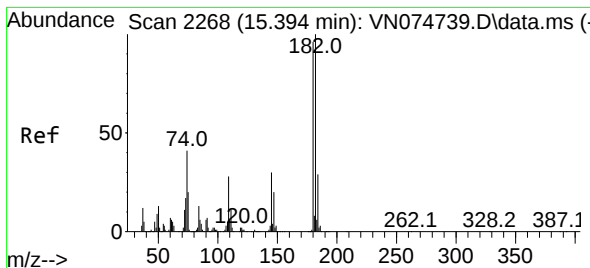


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.221 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. -0.005 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



Tgt Ion: 75 Resp: 53241
Ion Ratio Lower Upper
75 100
155 83.0 40.3 120.8
157 94.1 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 21.495 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN074747.D

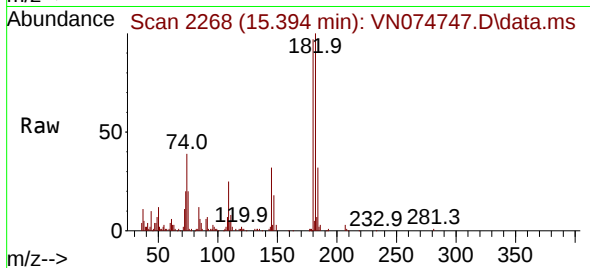
Acq: 05 Oct 2022 19:12

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBSD01



Tgt Ion:180 Resp: 120000

Ion Ratio Lower Upper

180 100

182 91.2 48.5 145.5

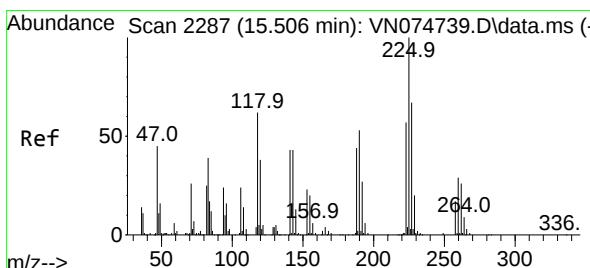
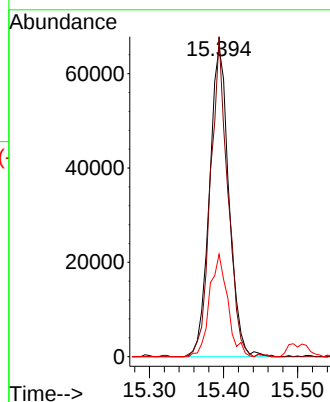
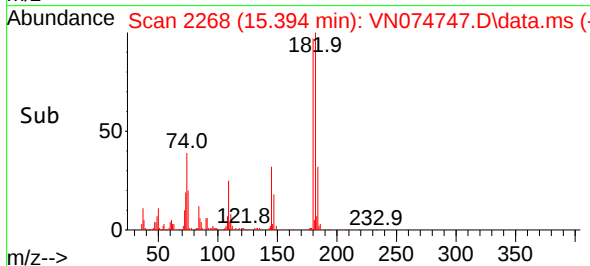
145 30.8 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#94

Hexachlorobutadiene

Concen: 19.758 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN074747.D

Acq: 05 Oct 2022 19:12

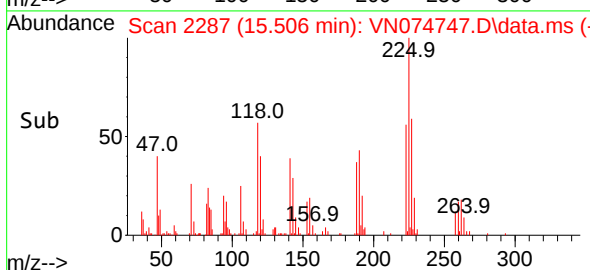
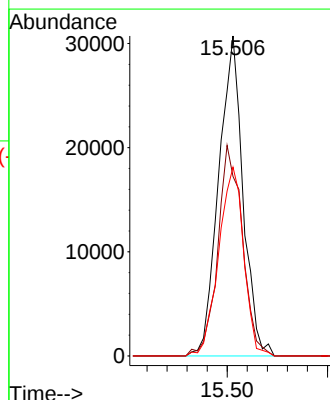
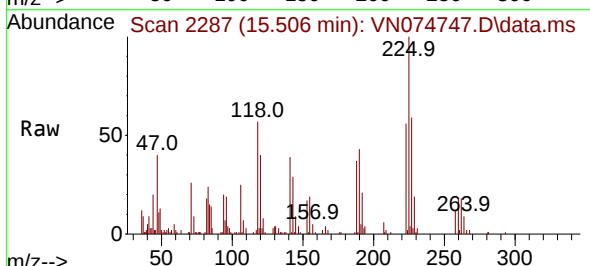
Tgt Ion:225 Resp: 51602

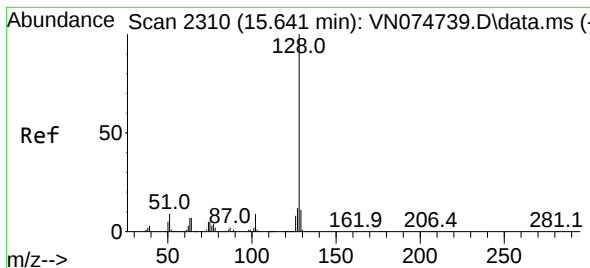
Ion Ratio Lower Upper

225 100

223 66.5 31.7 95.1

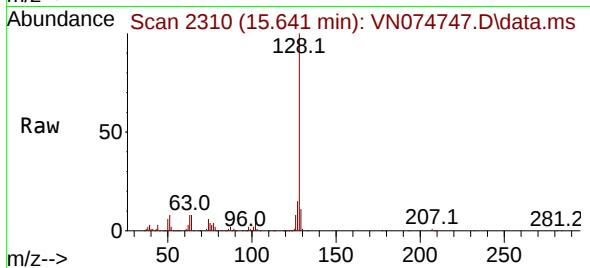
227 60.8 31.2 93.6





#95
Naphthalene
Concen: 21.039 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12

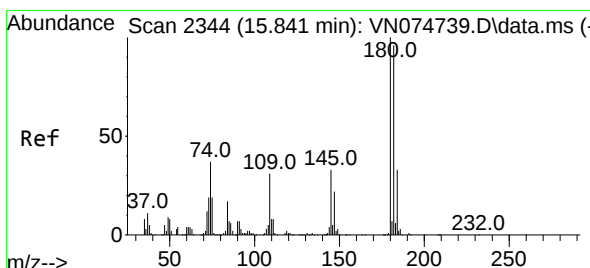
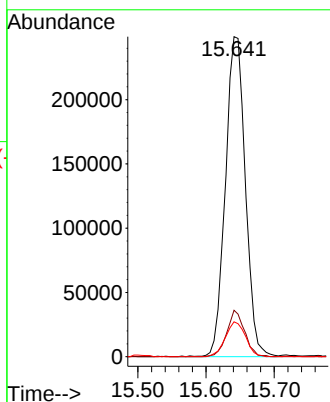
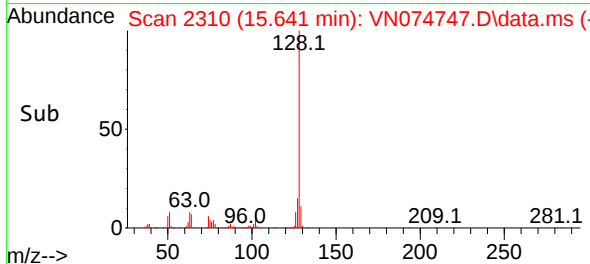
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBSD01



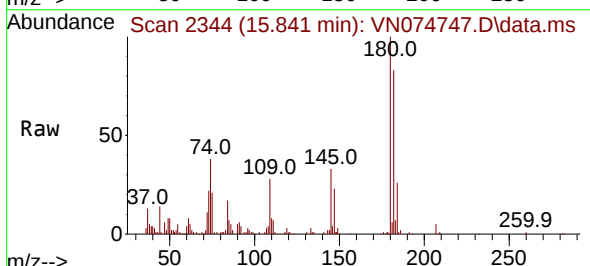
Tgt Ion:128 Resp: 50782
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.883 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074747.D
Acq: 05 Oct 2022 19:12



Tgt Ion:180 Resp: 118182
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 34.1 17.1 51.2

