

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074917.D
 Acq On : 17 Oct 2022 15:27
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 17 15:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 15:38:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	284374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	517706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	6132	1.158	ug/l	80
3) Chloromethane	2.383	50	12184	1.394	ug/l	94
4) Vinyl Chloride	2.530	62	12447	1.022	ug/l	97
6) Chloroethane	3.095	64	10750	1.171	ug/l	99
7) Trichlorofluoromethane	3.495	101	9238	1.121	ug/l #	68
8) Diethyl Ether	3.977	74	4140m	1.172	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.401	101	4364	0.900	ug/l #	28
12) 1,1-Dichloroethene	4.342	96	5165	1.077	ug/l #	46
14) Allyl chloride	5.030	41	8447	0.914	ug/l	88
15) Acrylonitrile	5.765	53	19782	4.575	ug/l	95
16) Acetone	4.471	43	18170	5.044	ug/l	95
17) Carbon Disulfide	4.718	76	13151	1.053	ug/l #	78
18) Methyl Acetate	5.059	43	17882m	1.202	ug/l	
19) Methyl tert-butyl Ether	5.830	73	16304	0.851	ug/l #	67
20) Methylene Chloride	5.312	84	10217m	1.479	ug/l	
21) trans-1,2-Dichloroethene	5.806	96	6440	1.186	ug/l #	78
22) Diisopropyl ether	6.671	45	19650	0.921	ug/l #	90
23) Vinyl Acetate	6.624	43	65006	4.342	ug/l	95
24) 1,1-Dichloroethane	6.583	63	11796	1.062	ug/l #	82
25) 2-Butanone	7.518	43	27299	4.650	ug/l	90
26) 2,2-Dichloropropane	7.500	77	10695	1.199	ug/l	82
27) cis-1,2-Dichloroethene	7.512	96	6557	0.967	ug/l	94
28) Bromochloromethane	7.824	49	5786	1.110	ug/l #	83
29) Tetrahydrofuran	7.859	42	20541	5.216	ug/l	91
30) Chloroform	7.983	83	10354	0.936	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	8297	0.855	ug/l #	47
36) 1,1-Dichloropropene	8.389	75	7390	0.949	ug/l #	79
37) Ethyl Acetate	7.571	43	10424	0.933	ug/l	98
38) Carbon Tetrachloride	8.377	117	8426	1.088	ug/l	92
39) Methylcyclohexane	9.600	83	9069	0.973	ug/l	92
40) Benzene	8.618	78	24725	0.961	ug/l #	84
41) Methacrylonitrile	7.806	41	6463m	1.037	ug/l	
42) 1,2-Dichloroethane	8.671	62	9442	1.054	ug/l	87
43) Isopropyl Acetate	8.700	43	17363	0.930	ug/l	94
44) Trichloroethene	9.359	130	5801	1.045	ug/l	61
45) 1,2-Dichloropropane	9.624	63	6545	0.922	ug/l #	81

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC001

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

Quant Time: Oct 17 15:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 15:38:07 2022
 Response via : Initial Calibration

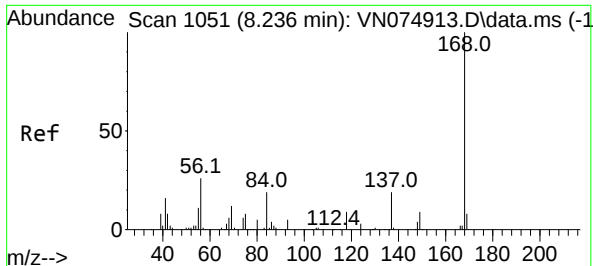
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4398	0.984	ug/l	95
47) Bromodichloromethane	9.894	83	6390	0.721	ug/l #	84
48) Methyl methacrylate	9.606	41	8011	0.925	ug/l #	87
49) 1,4-Dioxane	9.718	88	2814m	17.060	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	53480	4.465	ug/l	94
52) Toluene	10.635	92	14102	0.910	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	8842	0.932	ug/l #	82
54) cis-1,3-Dichloropropene	10.324	75	9771	0.953	ug/l #	61
55) 1,1,2-Trichloroethane	11.024	97	5620	0.842	ug/l #	76
56) Ethyl methacrylate	10.882	69	9053	0.853	ug/l #	92
57) 1,3-Dichloropropane	11.171	76	11770	1.004	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	17292	3.755	ug/l	93
59) 2-Hexanone	11.200	43	37347	4.156	ug/l	93
60) Dibromochloromethane	11.365	129	4826	0.778	ug/l	76
61) 1,2-Dibromoethane	11.477	107	6068	0.958	ug/l	96
64) Tetrachloroethene	11.112	164	4157	1.008	ug/l #	69
65) Chlorobenzene	11.888	112	16469	1.035	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.971	131	5487	0.988	ug/l #	31
67) Ethyl Benzene	11.965	91	25660	0.873	ug/l #	88
68) m/p-Xylenes	12.076	106	19136	1.758	ug/l	95
69) o-Xylene	12.394	106	9378	0.836	ug/l	99
70) Styrene	12.412	104	14892	0.856	ug/l #	89
71) Bromoform	12.576	173	3826	0.924	ug/l #	80
73) Isopropylbenzene	12.694	105	20239	0.813	ug/l	83
74) N-amyl acetate	12.500	43	11951	0.857	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	9263	0.972	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	6521m	0.899	ug/l	
77) Bromobenzene	12.982	156	6231	1.209	ug/l	88
78) n-propylbenzene	13.041	91	26013	0.908	ug/l	98
79) 2-Chlorotoluene	13.129	91	20066	1.155	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	17735	0.884	ug/l	94
82) 4-Chlorotoluene	13.223	91	14633	0.938	ug/l	90
83) tert-Butylbenzene	13.441	119	18314m	1.005	ug/l	
84) 1,2,4-Trimethylbenzene	13.482	105	16856	0.891	ug/l	94
85) sec-Butylbenzene	13.623	105	22095	0.893	ug/l	95
86) p-Isopropyltoluene	13.735	119	16950	0.884	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	8211	0.915	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	10529m	1.147	ug/l	
89) n-Butylbenzene	14.059	91	14918	0.955	ug/l	95
90) Hexachloroethane	14.347	117	3648	0.932	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	8543	0.950	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1524	0.918	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	4261	1.023	ug/l	87
94) Hexachlorobutadiene	15.506	225	2098	1.015	ug/l	86
95) Naphthalene	15.647	128	19558	1.073	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.847	180	4775	1.091	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

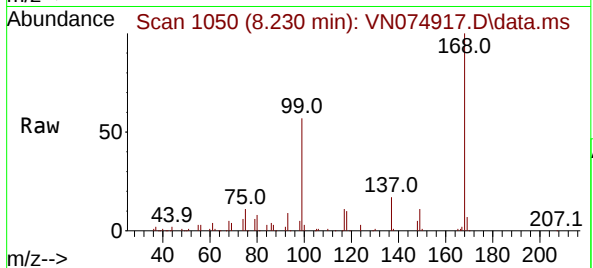
Quant Time: Oct 17 15:45:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 17 15:38:07 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

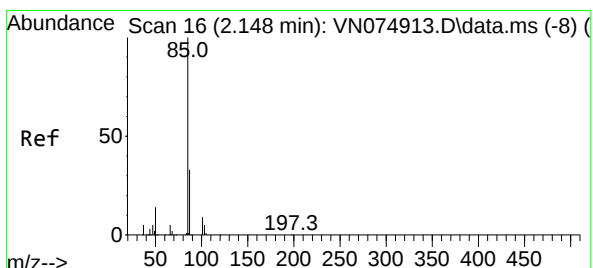
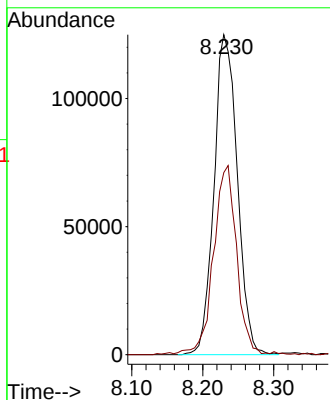
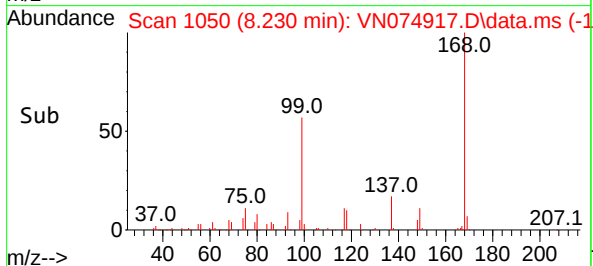
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 284374
Ion Ratio Lower Upper
168 100
99 56.5 47.6 71.4

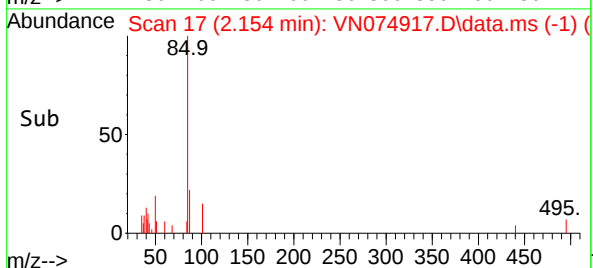
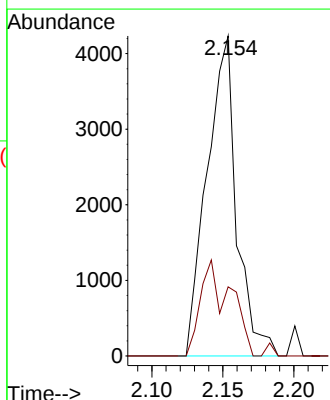
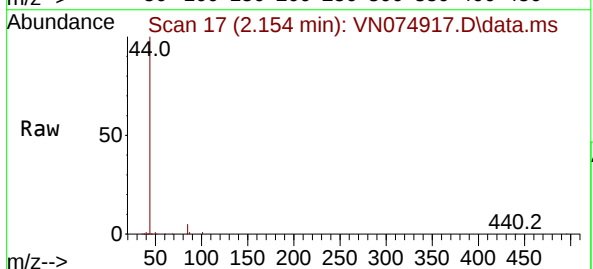
Manual Integrations
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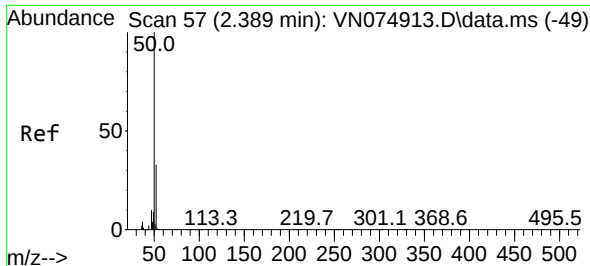
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 1.158 ug/l
RT: 2.154 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

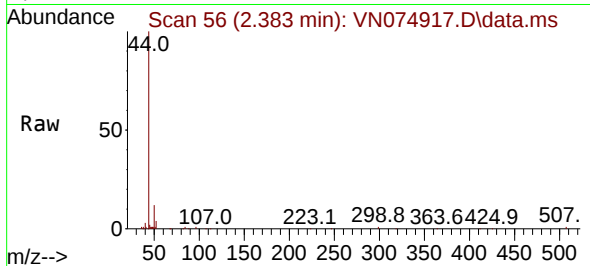
Tgt Ion: 85 Resp: 6132
Ion Ratio Lower Upper
85 100
87 21.6 16.4 49.1





#3
Chloromethane
Concen: 1.394 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

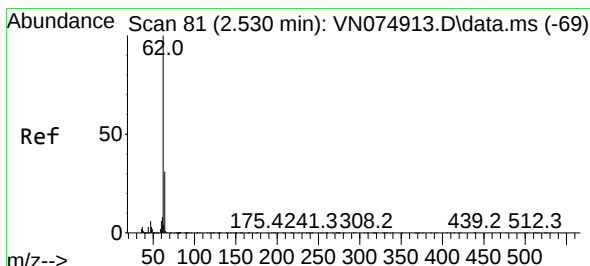
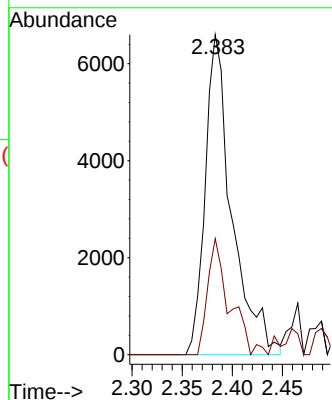
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 12184
Ion Ratio Lower Upper
50 100
52 36.2 26.1 39.1

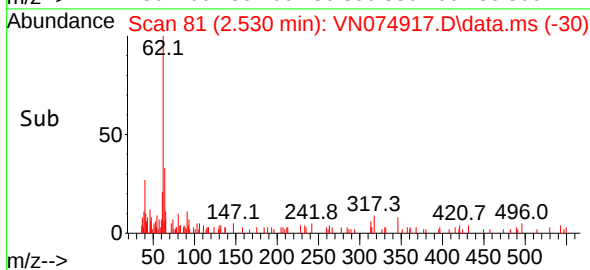
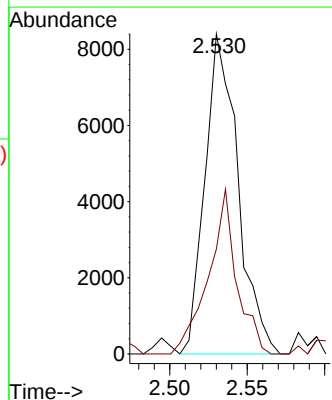
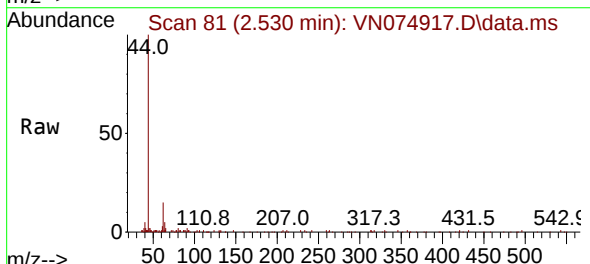
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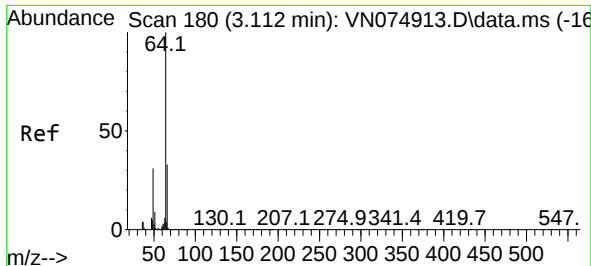
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#4
Vinyl Chloride
Concen: 1.022 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

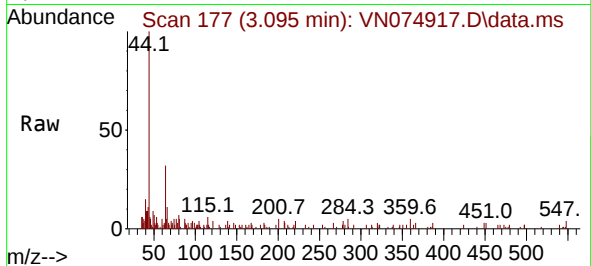
Tgt Ion: 62 Resp: 12447
Ion Ratio Lower Upper
62 100
64 32.8 24.8 37.2





#6
Chloroethane
Concen: 1.171 ug/l
RT: 3.095 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

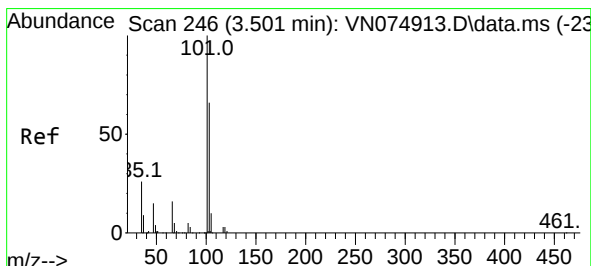
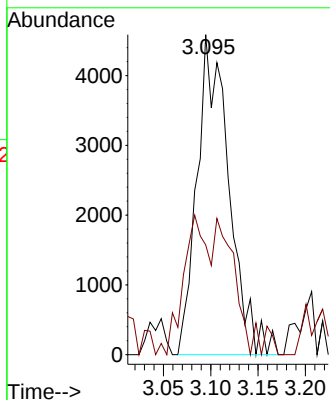
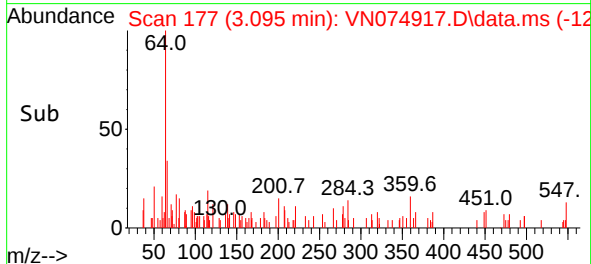
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 10750
Ion Ratio Lower Upper
64 100
66 34.3 26.8 40.2

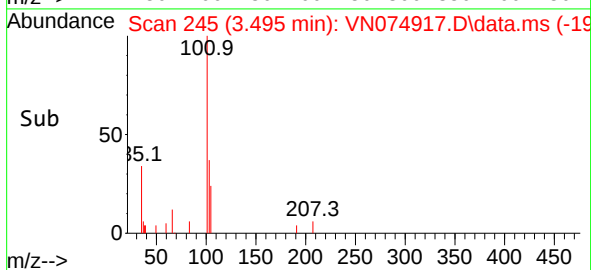
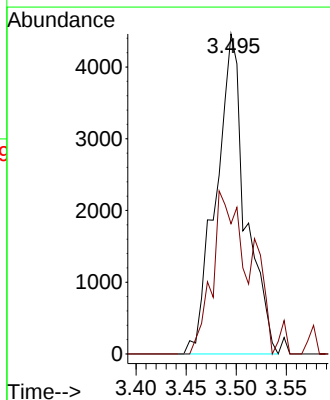
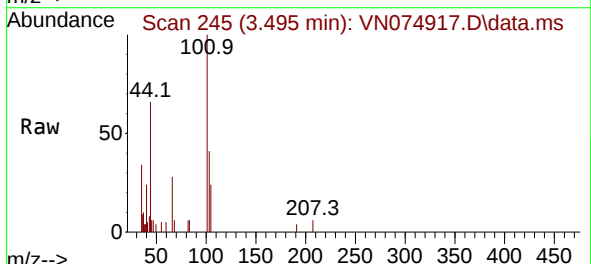
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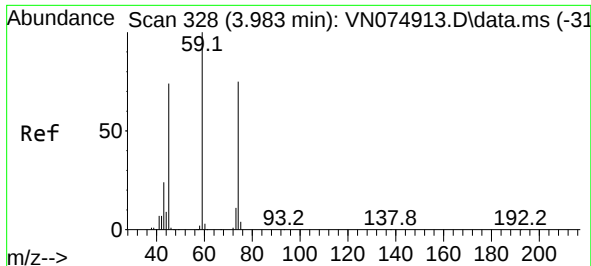
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#7
Trichlorofluoromethane
Concen: 1.121 ug/l
RT: 3.495 min Scan# 245
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion:101 Resp: 9238
Ion Ratio Lower Upper
101 100
103 40.7 52.9 79.3#





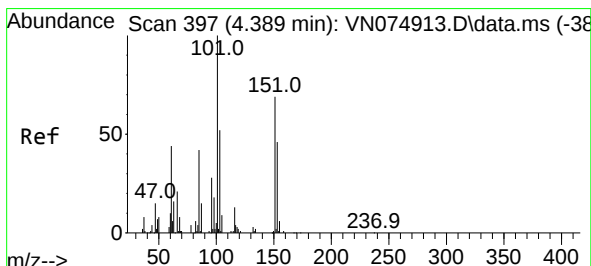
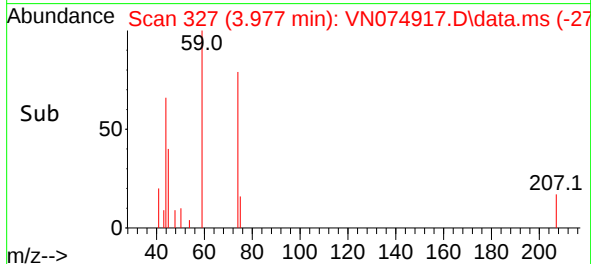
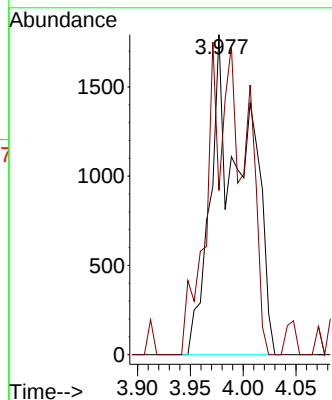
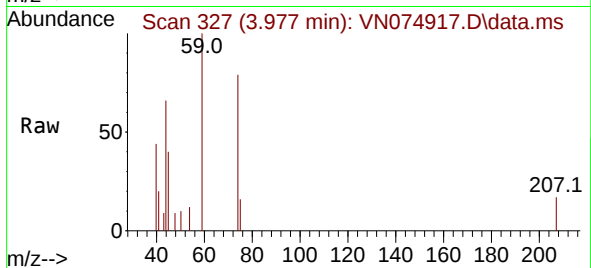
#8
Diethyl Ether
Concen: 1.172 ug/l m
RT: 3.977 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 74 Resp: 4140
Ion Ratio Lower Upper
74 100
45 105.1 49.4 148.2

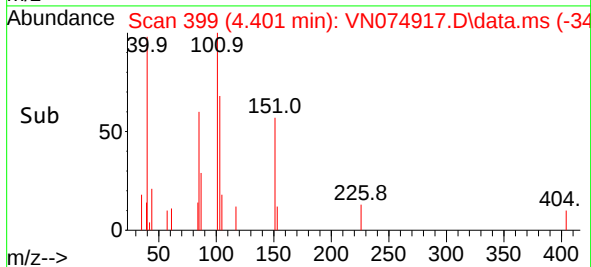
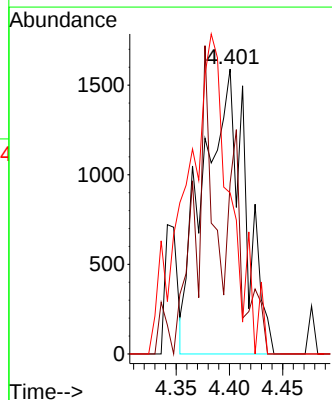
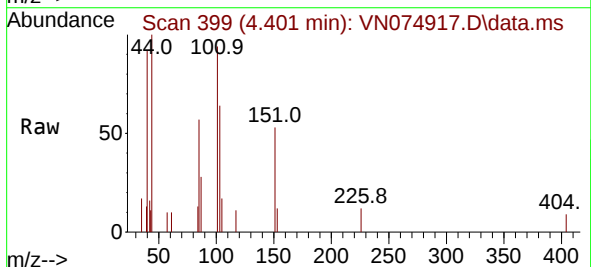
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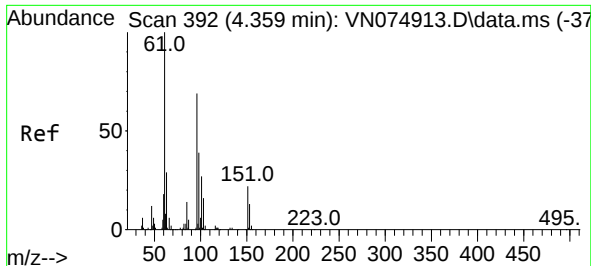
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.900 ug/l
RT: 4.401 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

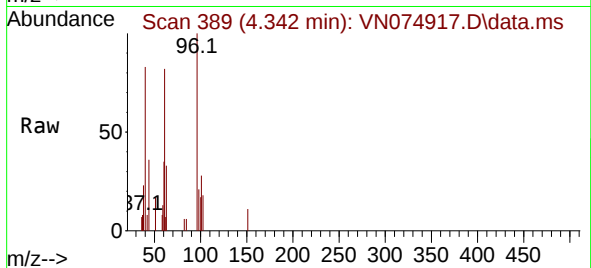
Tgt Ion:101 Resp: 4364
Ion Ratio Lower Upper
101 100
85 14.7 40.6 60.8#
151 0.0 57.9 86.9#





#12
1,1-Dichloroethene
Concen: 1.077 ug/l
RT: 4.342 min Scan# 392
Delta R.T. -0.018 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

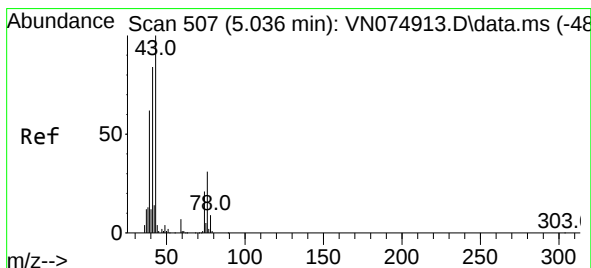
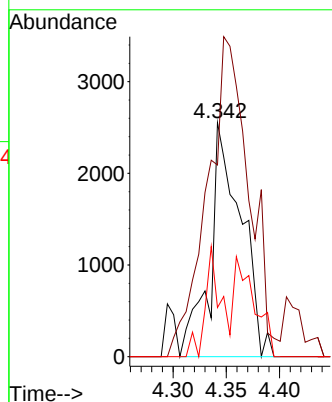
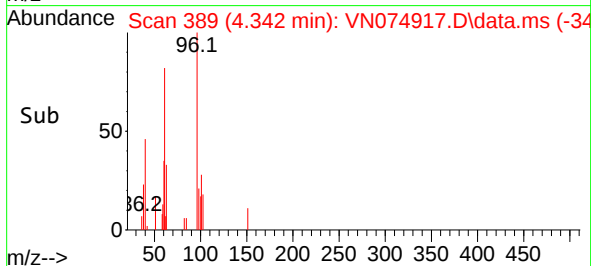
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 75.3 116.7 175.1
98 20.9 45.4 68.0

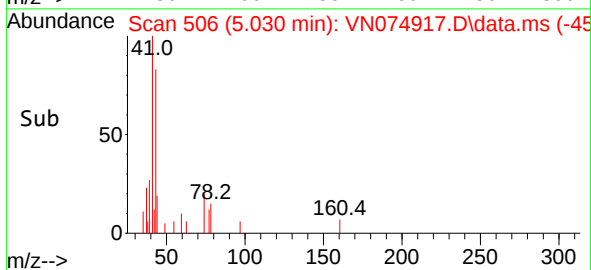
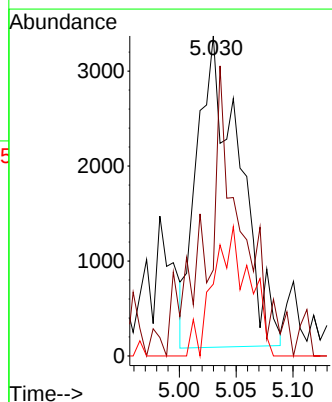
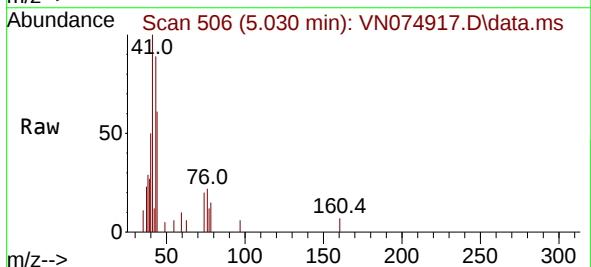
Manual Integrations
APPROVED

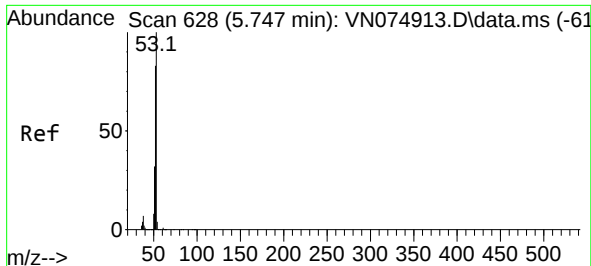
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 0.914 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 41 Resp: 8447
Ion Ratio Lower Upper
41 100
39 80.1 54.7 82.1
76 35.9 25.5 38.3





#15

Acrylonitrile

Concen: 4.575 ug/l

RT: 5.765 min Scan# 61

Delta R.T. 0.018 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

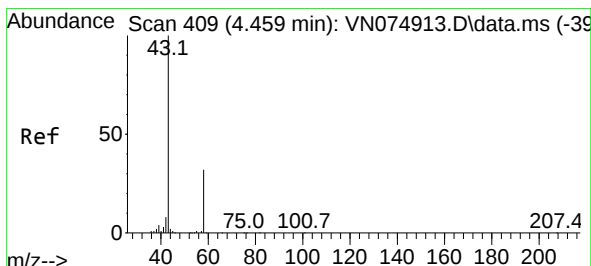
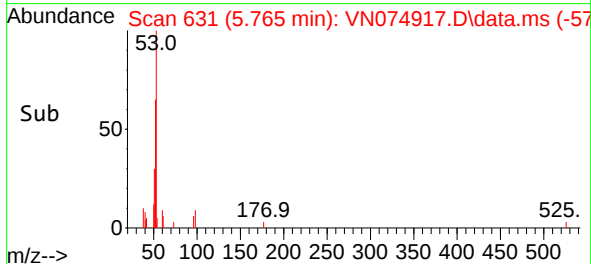
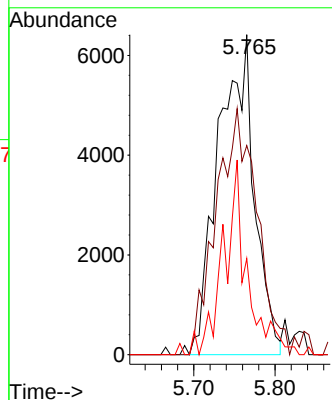
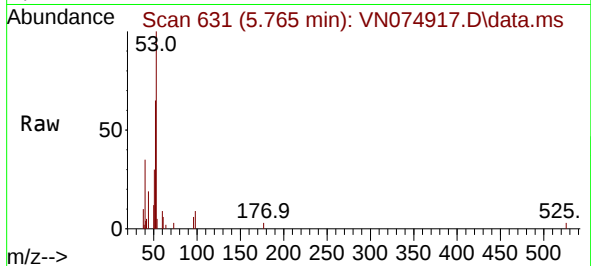
Tgt Ion: 53	Resp: 1978
Ion Ratio	Lower Upper
53 100	
52 86.8	66.2 99.2
51 39.6	28.5 42.7

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#16

Acetone

Concen: 5.044 ug/l

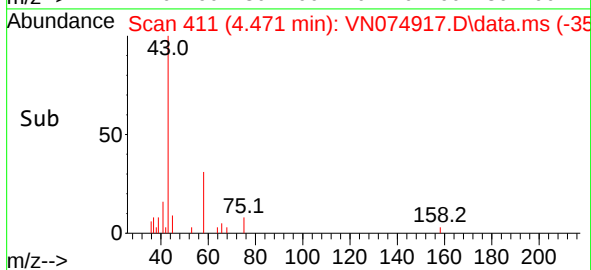
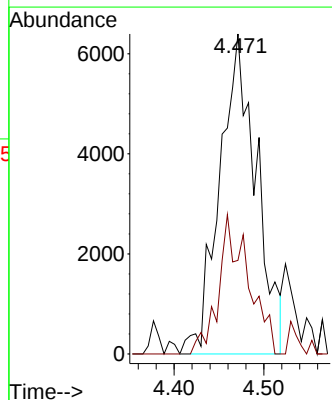
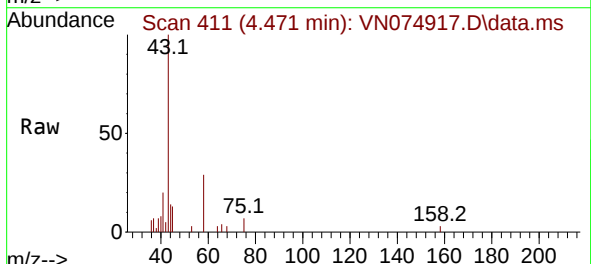
RT: 4.471 min Scan# 411

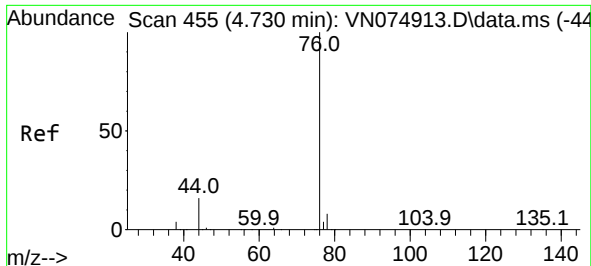
Delta R.T. 0.012 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

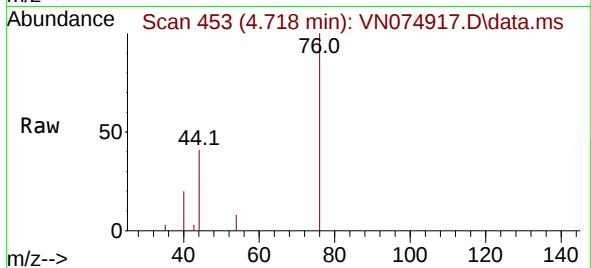
Tgt Ion: 43	Resp: 18170
Ion Ratio	Lower Upper
43 100	
58 29.2	25.8 38.8





#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.012 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

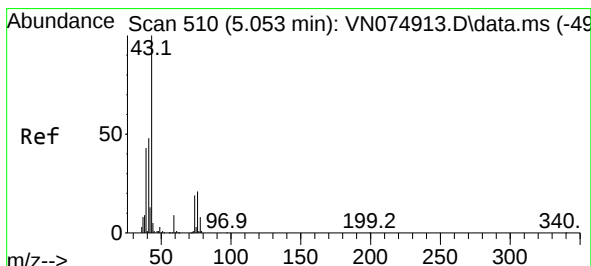
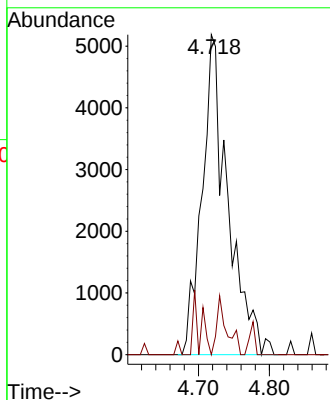
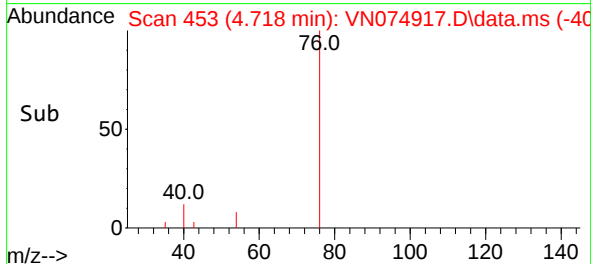
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



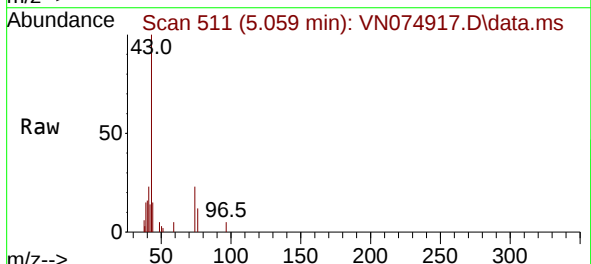
Tgt Ion: 76 Resp: 1315
Ion Ratio Lower Upper
76 100
78 0.0 6.1 9.1

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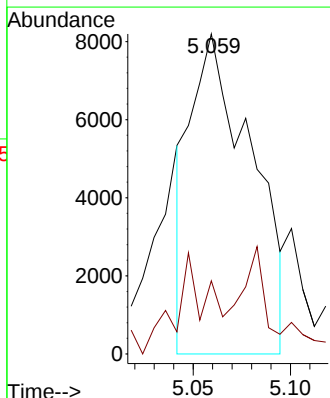
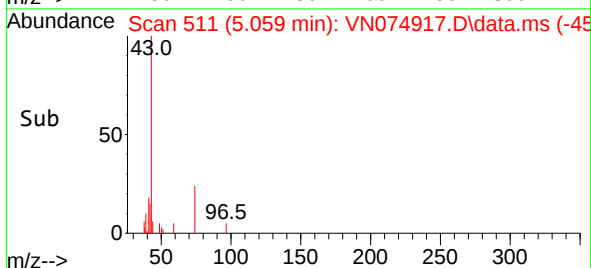
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

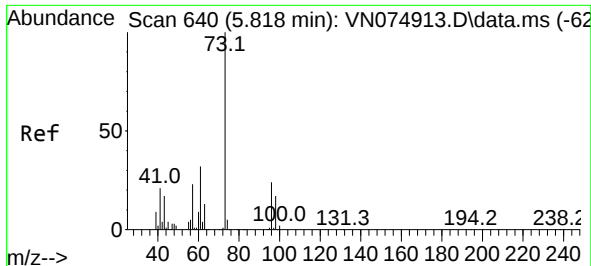


#18
Methyl Acetate
Concen: 1.202 ug/l m
RT: 5.059 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



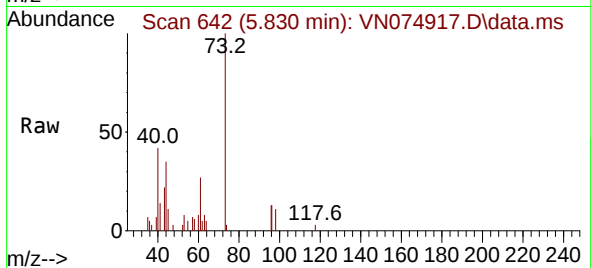
Tgt Ion: 43 Resp: 17882
Ion Ratio Lower Upper
43 100
74 18.2 17.0 25.6





#19
Methyl tert-butyl Ether
Concen: 0.851 ug/l
RT: 5.830 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

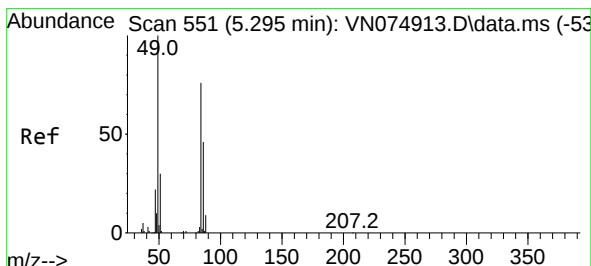
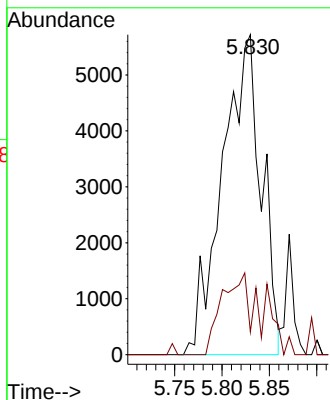
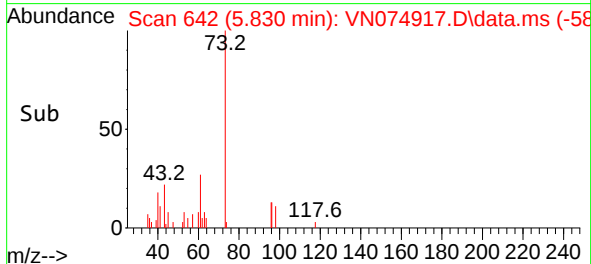
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 16304
Ion Ratio Lower Upper
73 100
57 7.1 18.4 27.6

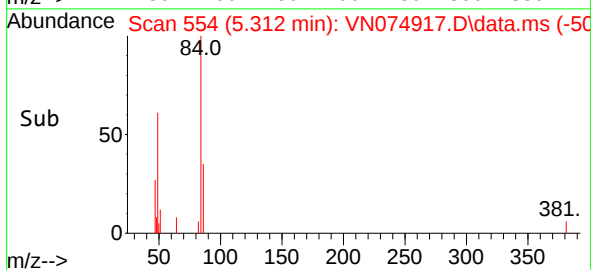
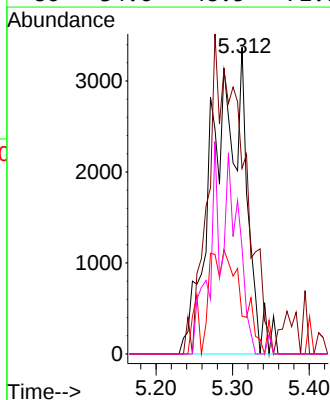
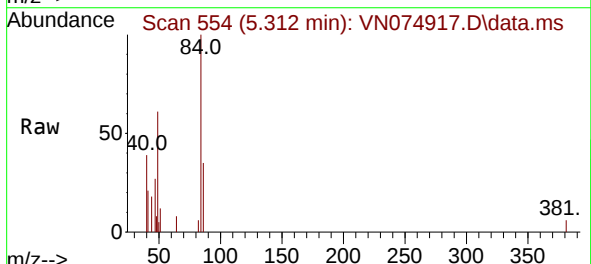
Manual Integrations
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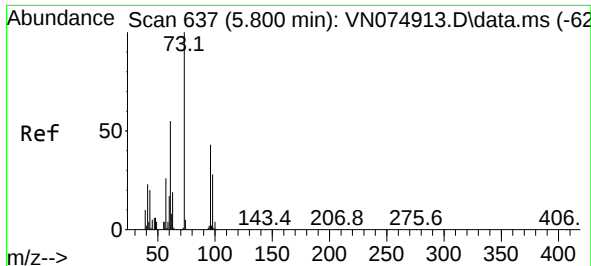
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 1.479 ug/l m
RT: 5.312 min Scan# 554
Delta R.T. 0.018 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

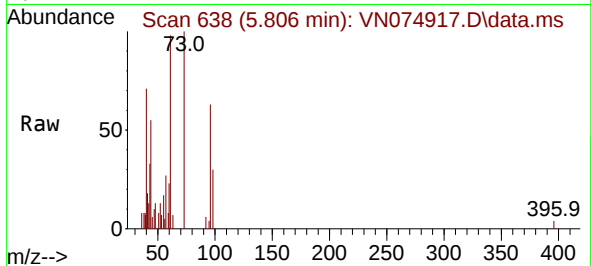
Tgt Ion: 84 Resp: 10217
Ion Ratio Lower Upper
84 100
49 60.5 104.6 156.8#
51 12.3 31.8 47.8#
86 34.6 48.5 72.7#





#21
trans-1,2-Dichloroethene
Concen: 1.186 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

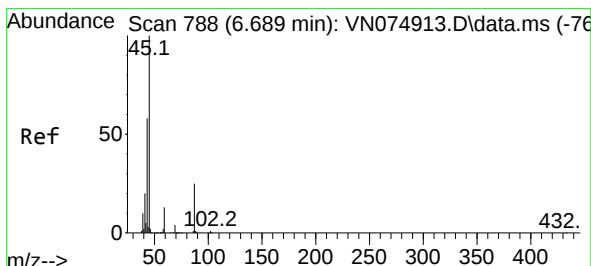
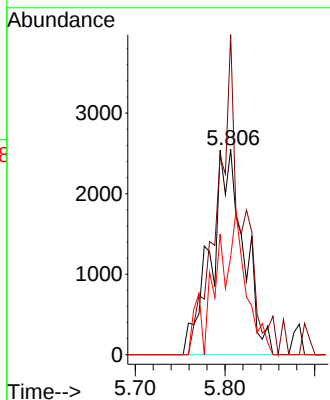
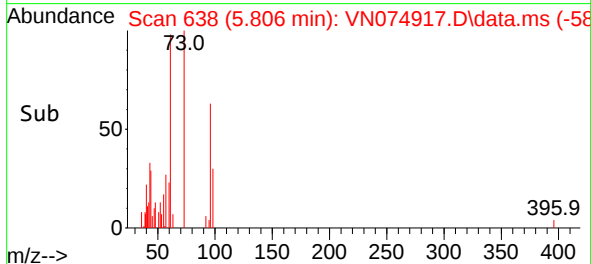
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 6440
Ion Ratio Lower Upper
96 100
61 155.9 104.3 156.5
98 47.7 51.9 77.9

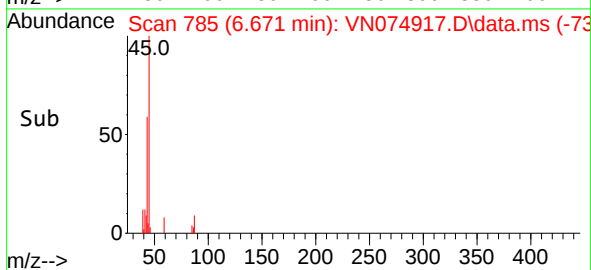
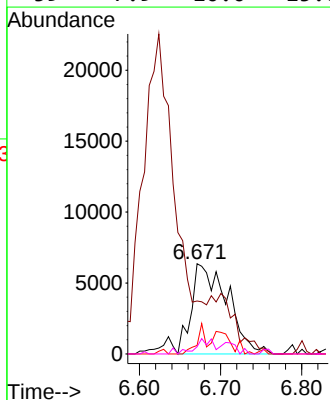
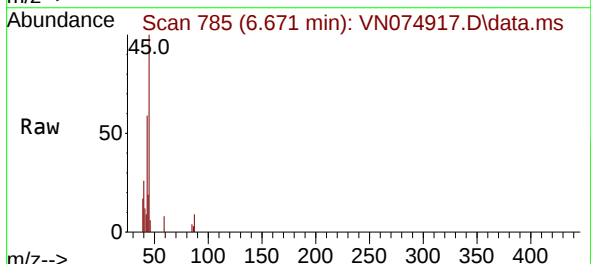
Manual Integrations
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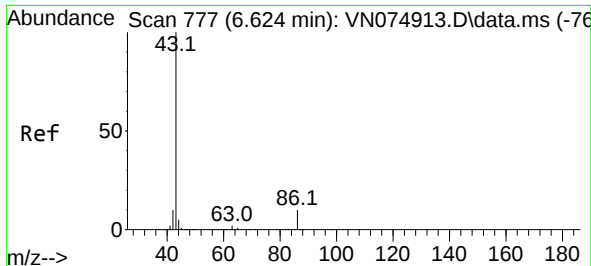
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 0.921 ug/l
RT: 6.671 min Scan# 785
Delta R.T. -0.018 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

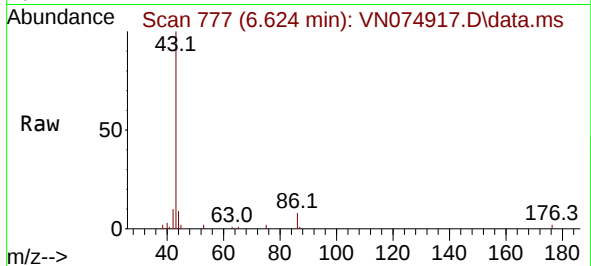
Tgt Ion: 45 Resp: 19650
Ion Ratio Lower Upper
45 100
43 58.7 47.3 70.9
87 9.4 20.1 30.1#
59 7.9 10.0 15.0#





#23
 Vinyl Acetate
 Concen: 4.342 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

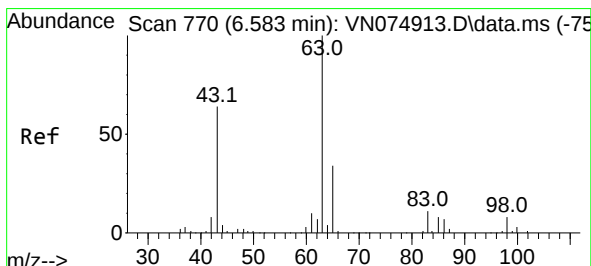
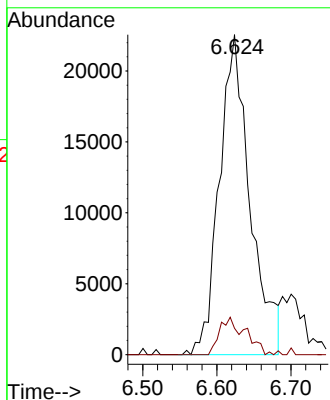
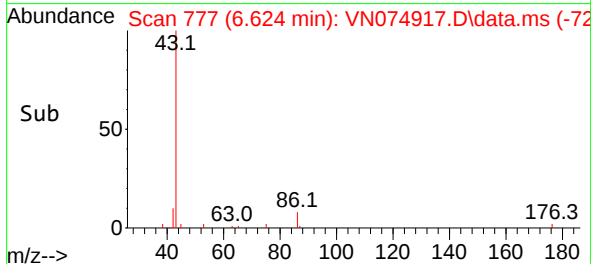
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



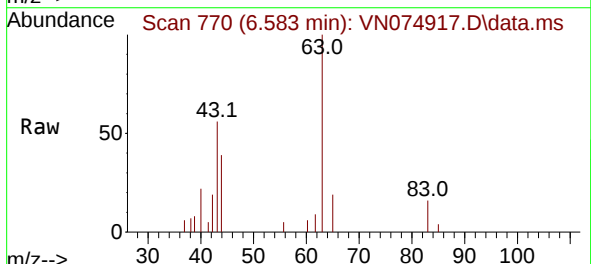
Tgt Ion: 43 Resp: 65000
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.0 12.0

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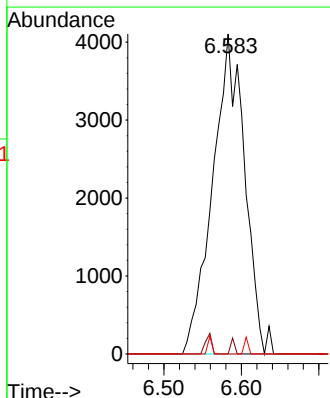
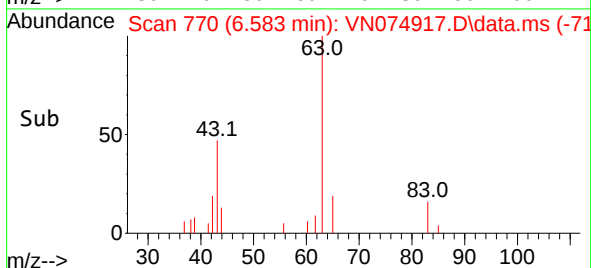
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

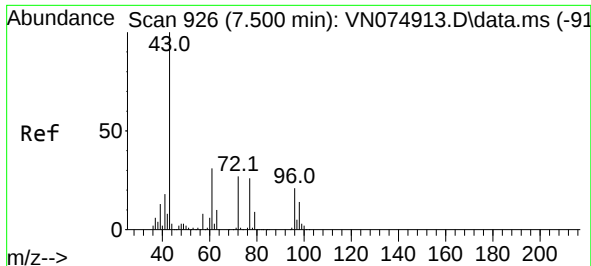


#24
 1,1-Dichloroethane
 Concen: 1.062 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27



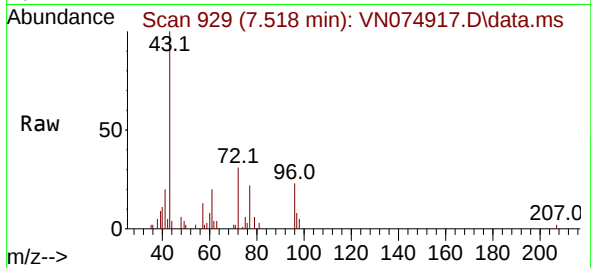
Tgt Ion: 63 Resp: 11796
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.5#
 100 0.0 1.6 4.8#





#25
2-Butanone
Concen: 4.650 ug/l
RT: 7.518 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

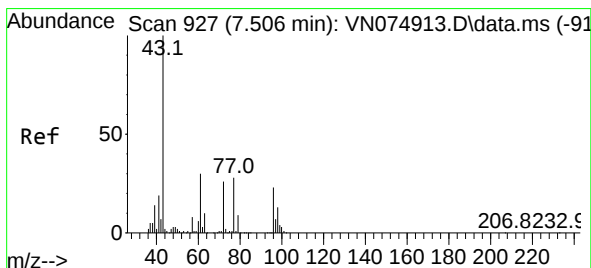
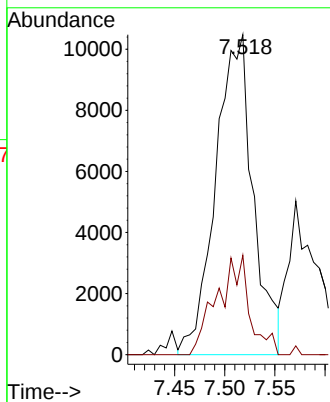
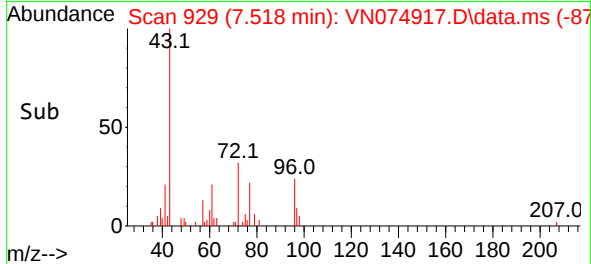
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
72 31.5 21.3 31.9

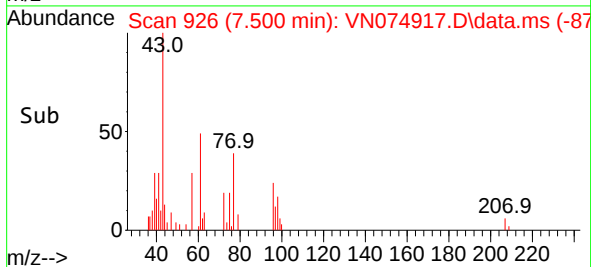
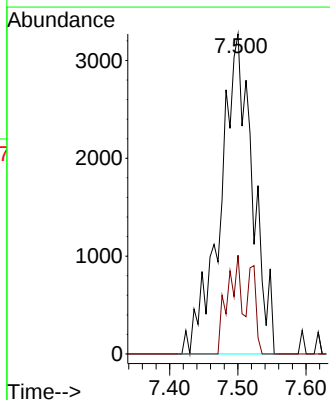
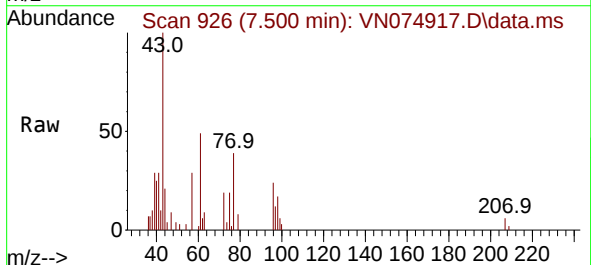
Manual Integrations
APPROVED

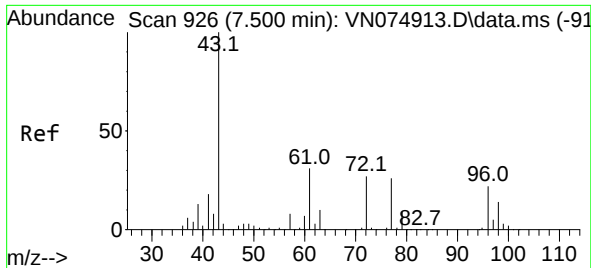
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 1.199 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 77 Resp: 10695
Ion Ratio Lower Upper
77 100
97 14.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.967 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

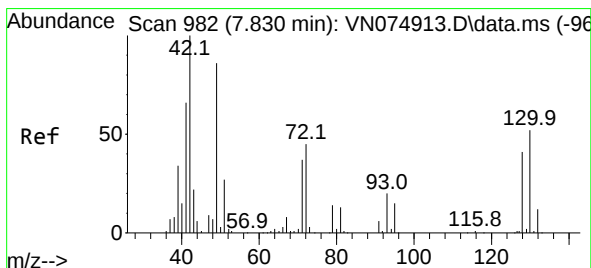
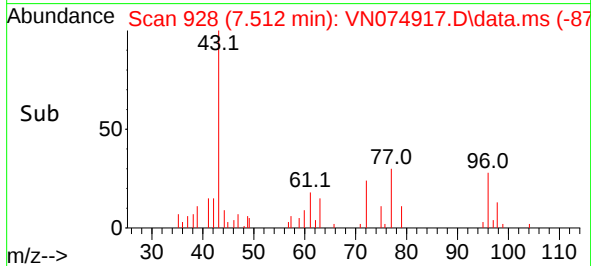
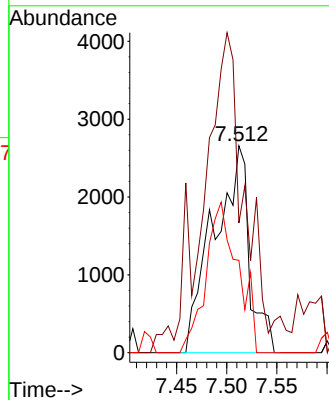
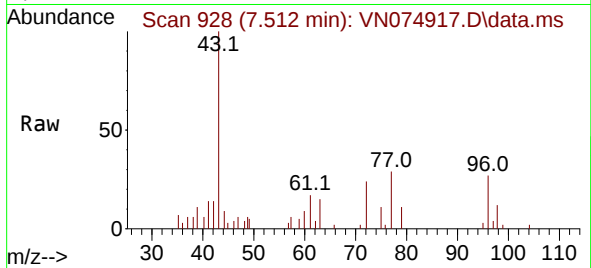
Tgt Ion: 96 Resp: 655
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 288.6
 98 65.3 0.0 128.0

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

Bromochloromethane

Concen: 1.110 ug/l

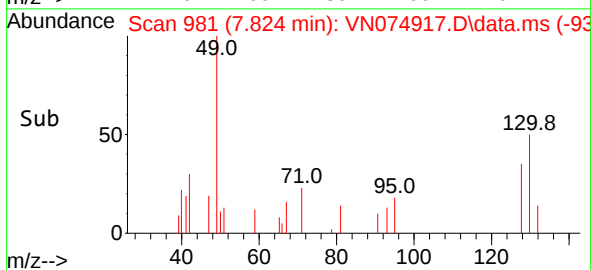
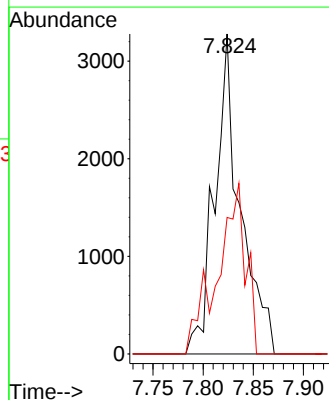
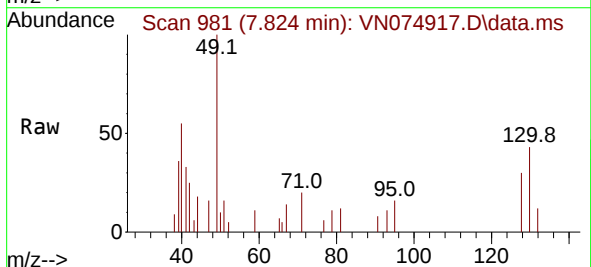
RT: 7.824 min Scan# 981

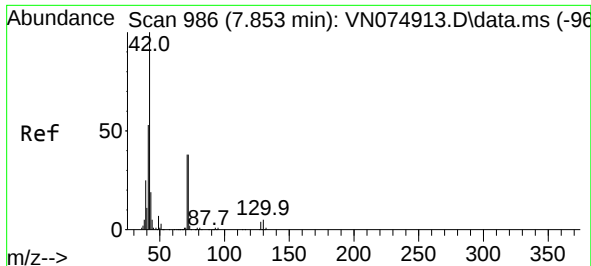
Delta R.T. -0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Tgt Ion: 49 Resp: 5786
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 47.4 48.8 73.2#





#29

Tetrahydrofuran

Concen: 5.216 ug/l

RT: 7.859 min Scan# 986

Delta R.T. 0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

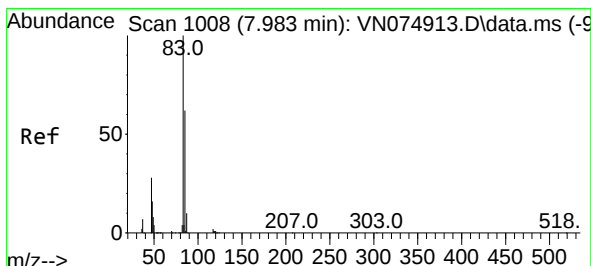
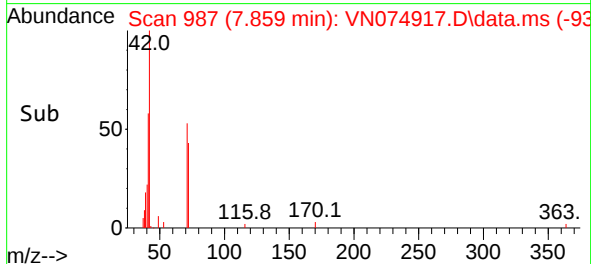
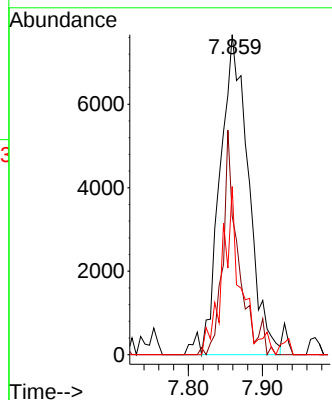
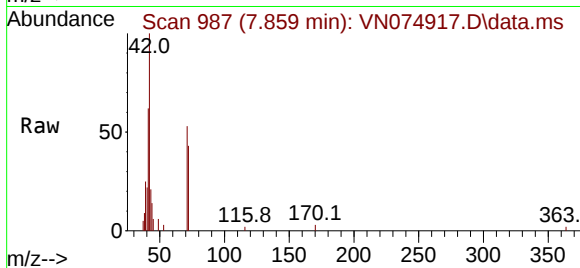
Tgt Ion:	42	Resp:	2054
Ion Ratio	Lower	Upper	
42	100		
72	35.9	32.8	49.2
71	32.4	30.7	46.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 0.936 ug/l

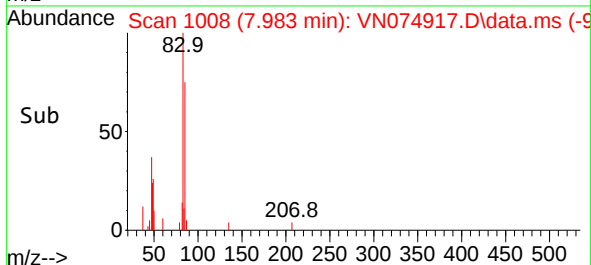
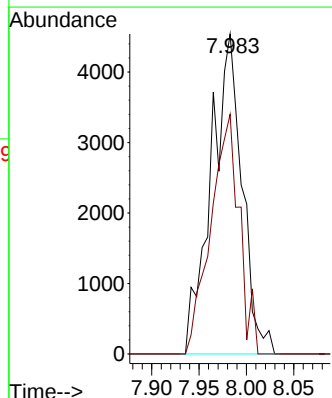
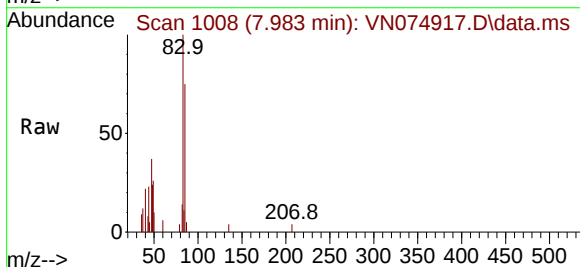
RT: 7.983 min Scan# 1008

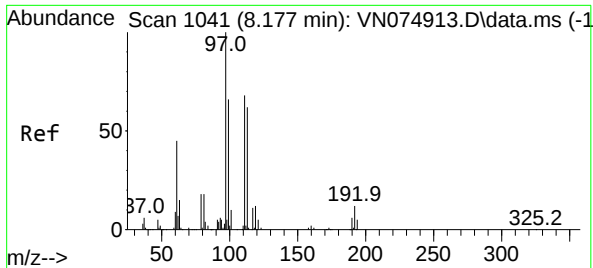
Delta R.T. 0.000 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Tgt Ion:	83	Resp:	10354
Ion Ratio	Lower	Upper	
83	100		
85	74.9	49.4	74.0#





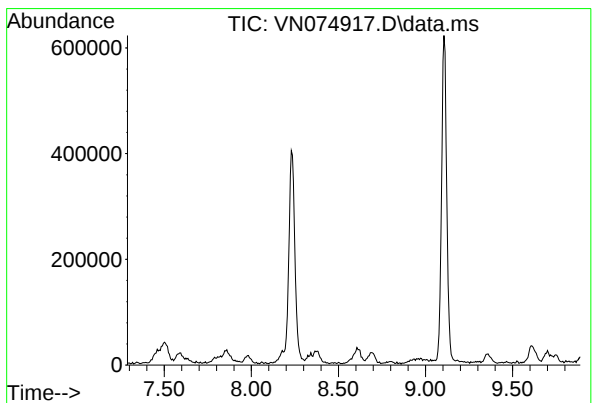
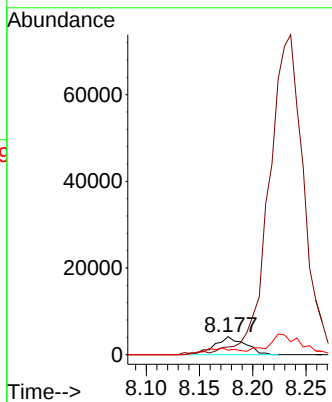
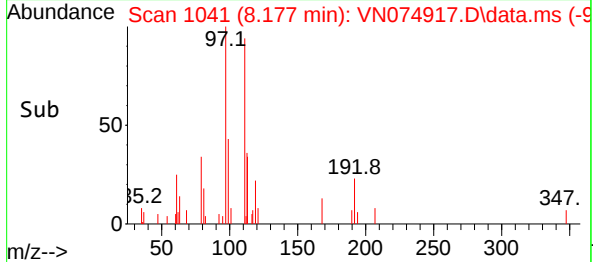
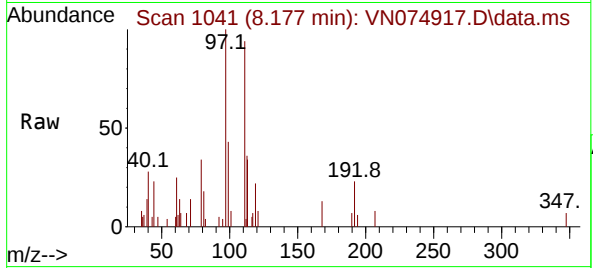
#32
 1,1,1-Trichloroethane
 Concen: 0.855 ug/l
 RT: 8.177 min Scan# 1041
 Delta R.T. 0.000 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97	Resp: 829
Ion Ratio	Lower Upper
97 100	
99 0.0	53.2 79.8
61 40.9	39.8 59.8

Manual Integrations
 APPROVED

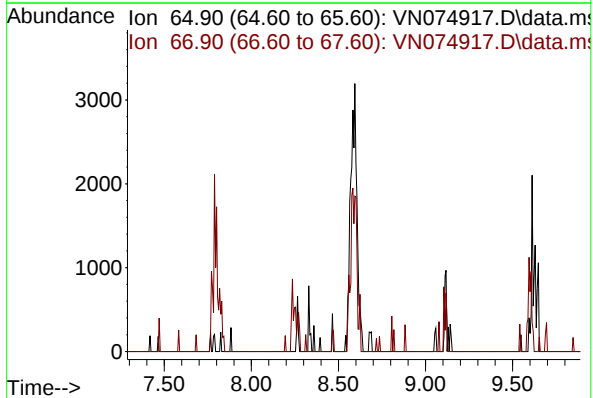
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

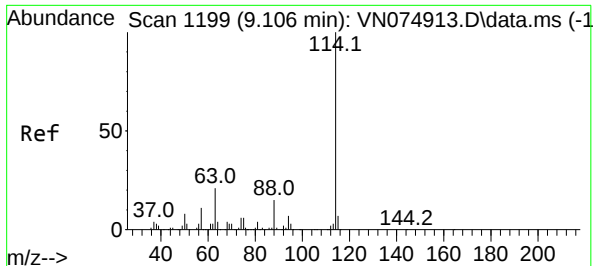


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.59 min

Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 65
Sig Exp Ratio
65 100
67 54.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 517700

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.2

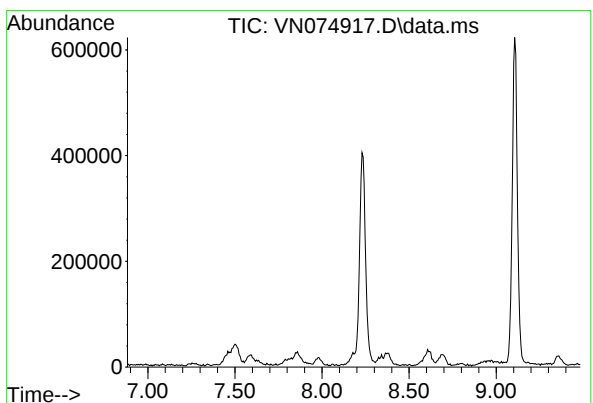
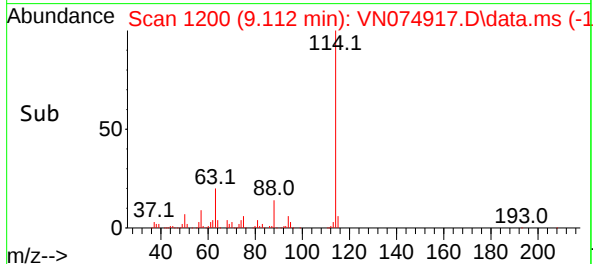
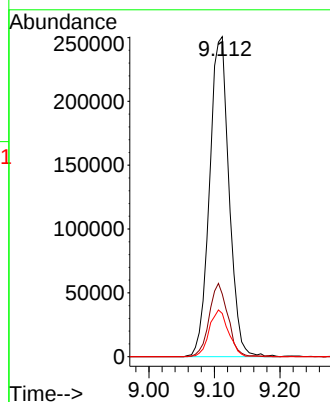
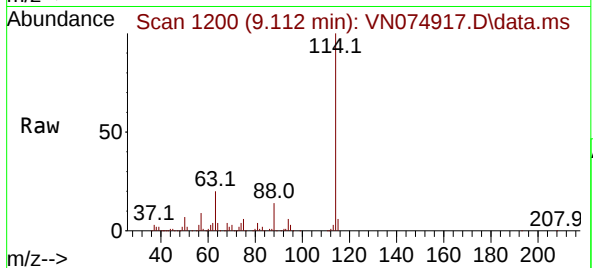
88 13.5 0.0 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.18 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

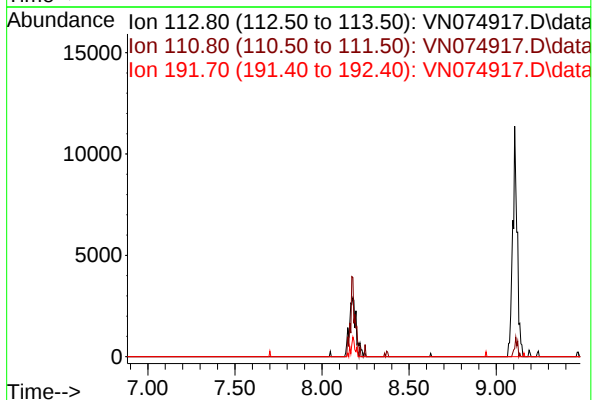
Tgt Ion: 113

Sig Exp Ratio

113 100

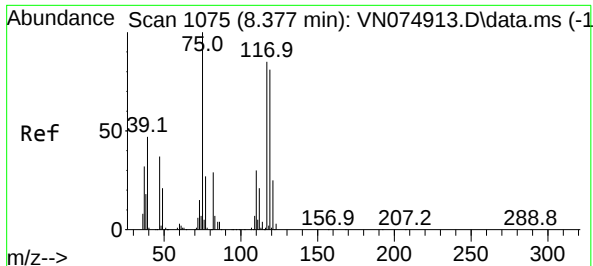
111 103.6

192 17.7



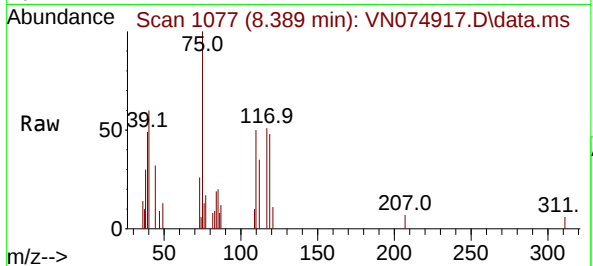
Ion 110.80 (110.50 to 111.50): VN074917.D\data

Ion 191.70 (191.40 to 192.40): VN074917.D\data



#36
1,1-Dichloropropene
Concen: 0.949 ug/l
RT: 8.389 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

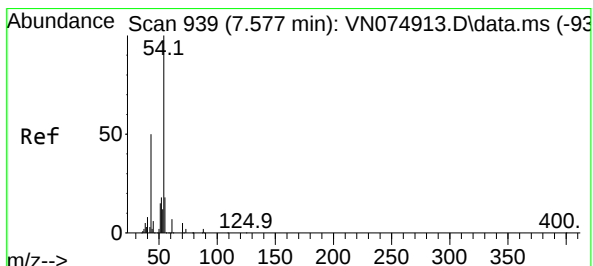
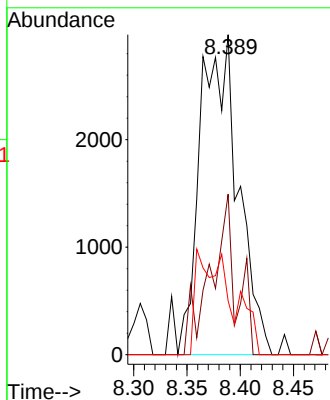
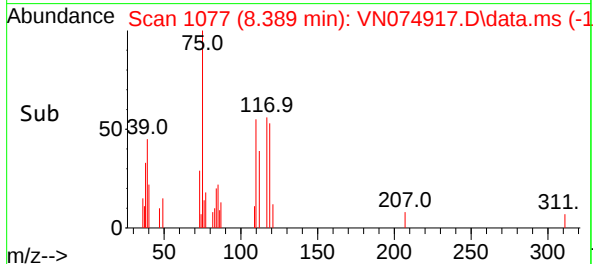
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 7390
Ion Ratio Lower Upper
75 100
110 33.7 16.1 48.3
77 6.8 23.3 34.9

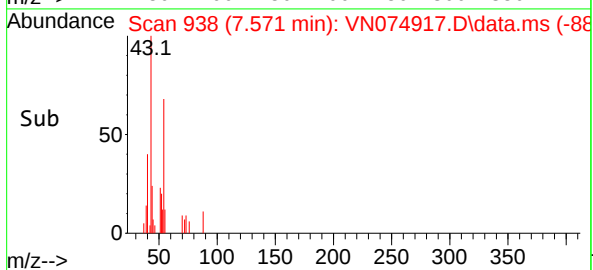
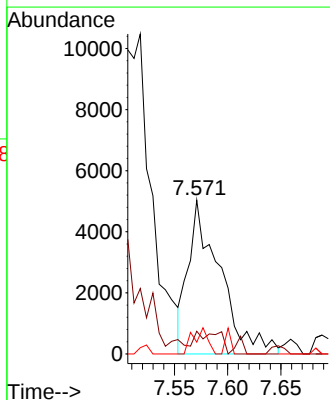
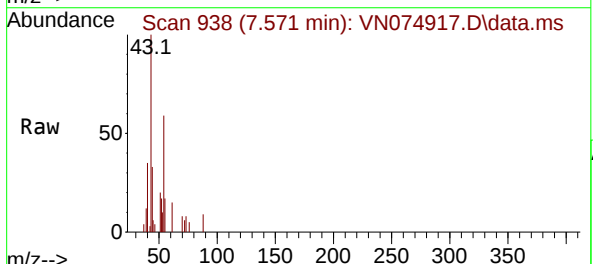
Manual Integrations
APPROVED

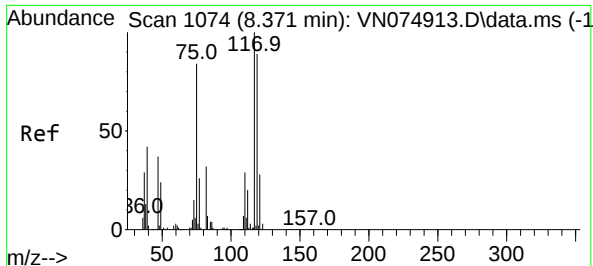
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#37
Ethyl Acetate
Concen: 0.933 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

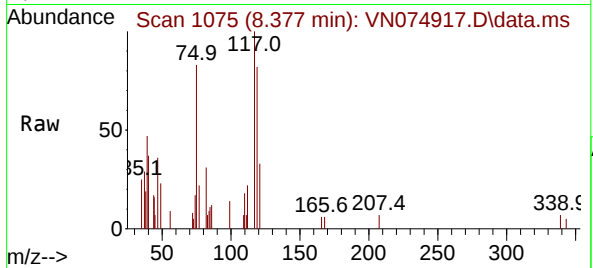
Tgt Ion: 43 Resp: 10424
Ion Ratio Lower Upper
43 100
61 11.7 9.9 14.9
70 7.9 6.8 10.2





#38
Carbon Tetrachloride
Concen: 1.088 ug/l
RT: 8.377 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

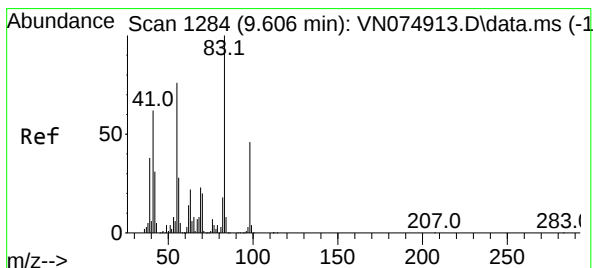
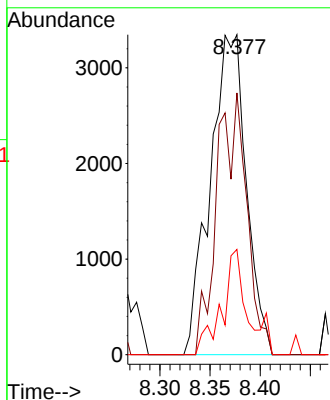
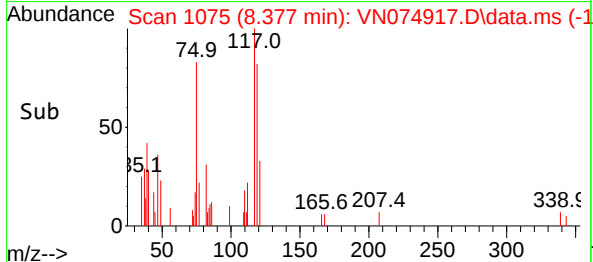
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



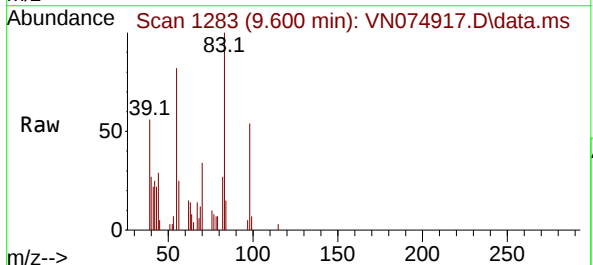
Tgt Ion: 117 Resp: 8420
Ion Ratio Lower Upper
117 100
119 81.8 71.0 106.6
121 32.9 22.2 33.4

Manual Integrations
APPROVED

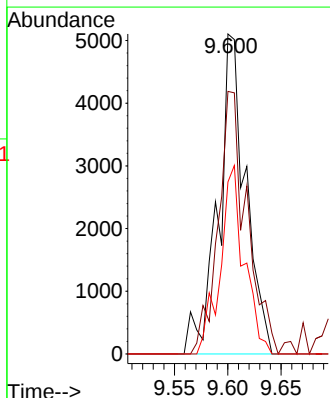
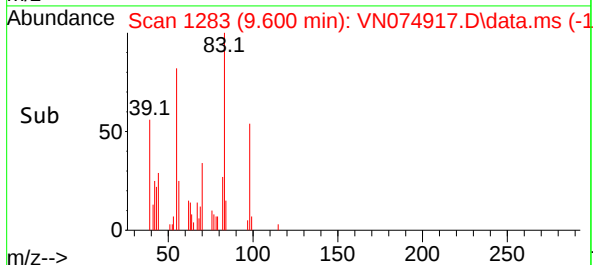
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

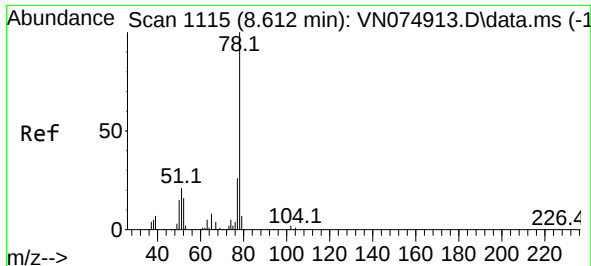


#39
Methylcyclohexane
Concen: 0.973 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



Tgt Ion: 83 Resp: 9069
Ion Ratio Lower Upper
83 100
55 82.1 61.2 91.8
98 53.7 37.2 55.8





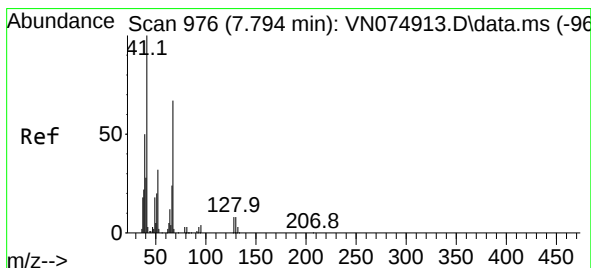
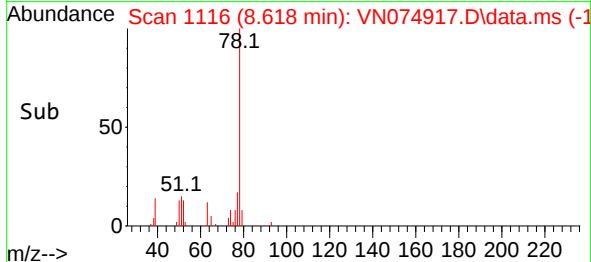
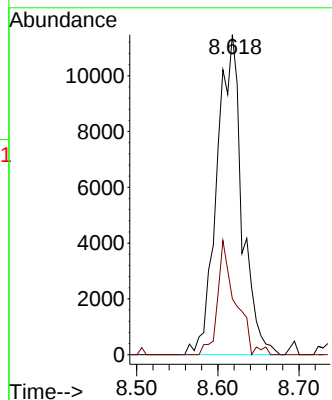
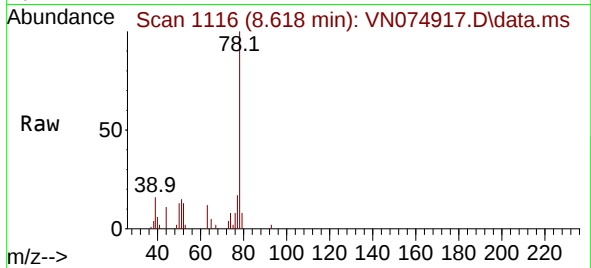
#40
Benzene
Concen: 0.961 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 24725
Ion Ratio Lower Upper
78 100
77 17.5 20.5 30.75

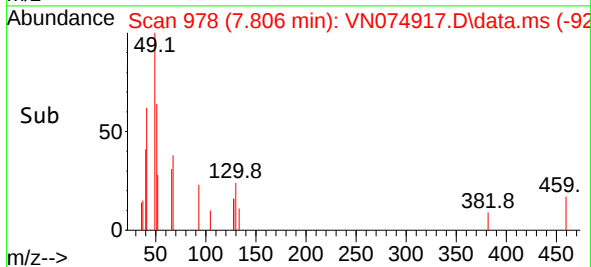
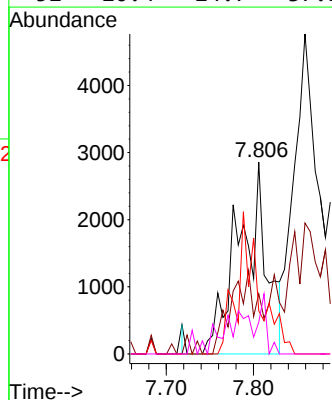
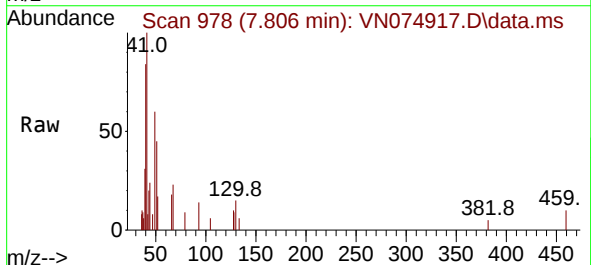
Manual Integrations
APPROVED

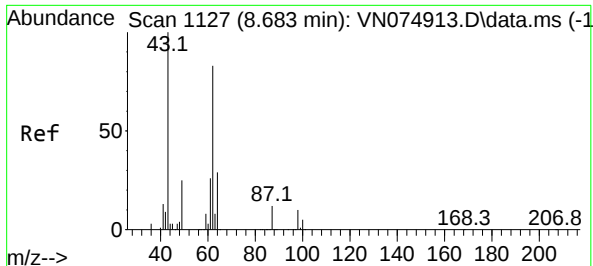
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#41
Methacrylonitrile
Concen: 1.037 ug/l m
RT: 7.806 min Scan# 978
Delta R.T. 0.012 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 41 Resp: 6463
Ion Ratio Lower Upper
41 100
39 22.6 43.2 64.8#
67 45.6 57.9 86.9#
52 20.4 24.7 37.1#





#42

1,2-Dichloroethane

Concen: 1.054 ug/l

RT: 8.671 min Scan# 1125

Delta R.T. -0.012 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 944

Ion Ratio Lower Upper

62 100

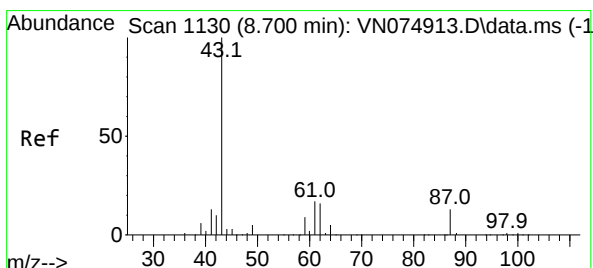
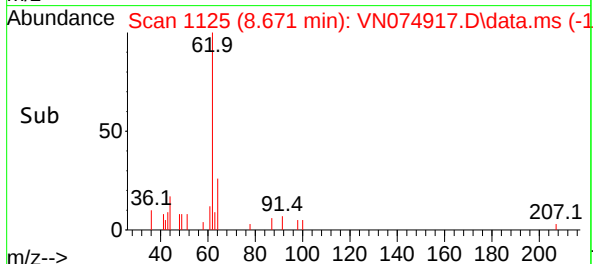
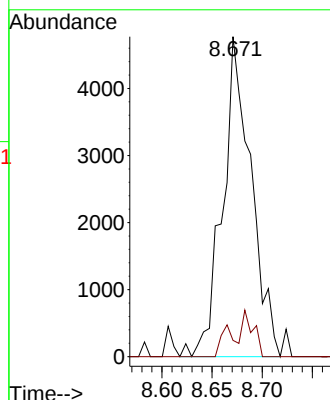
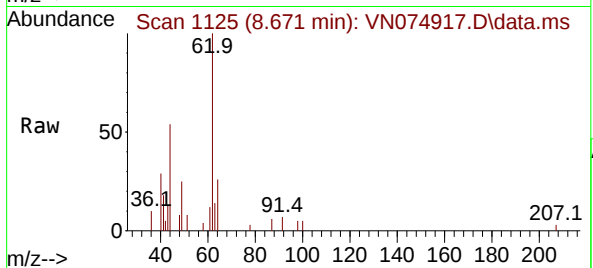
98 4.6 0.0 19.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#43

Isopropyl Acetate

Concen: 0.930 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

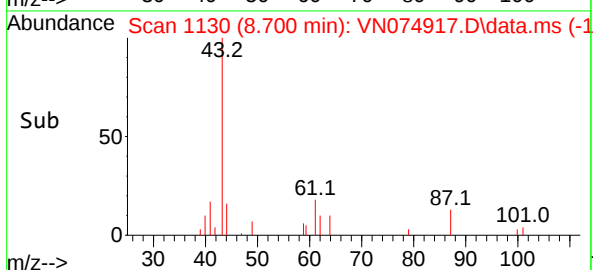
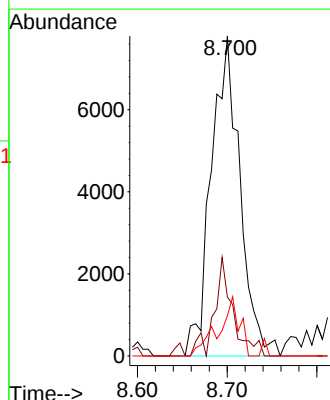
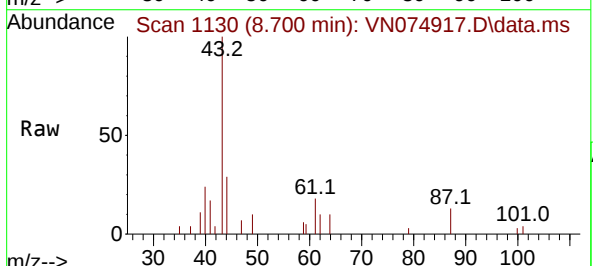
Tgt Ion: 43 Resp: 17363

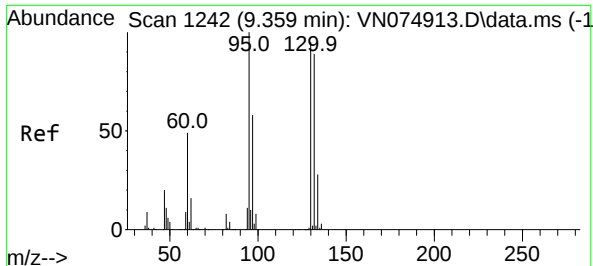
Ion Ratio Lower Upper

43 100

61 20.0 19.0 28.6

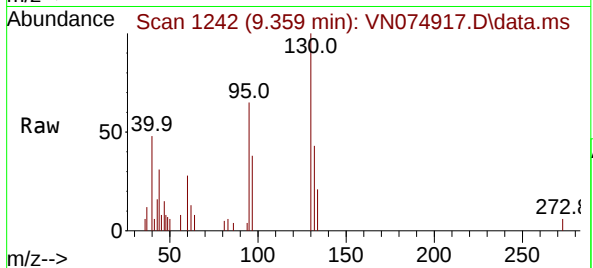
87 13.4 9.9 14.9





#44
Trichloroethene
Concen: 1.045 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

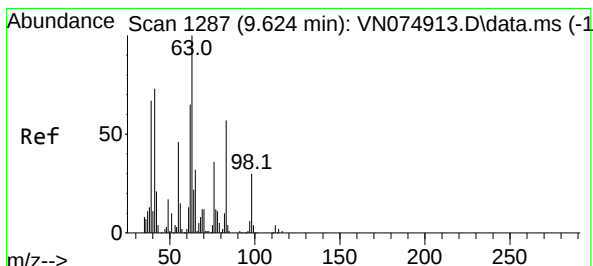
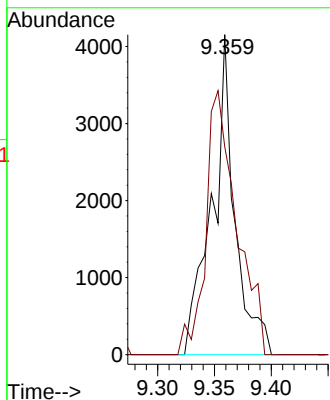
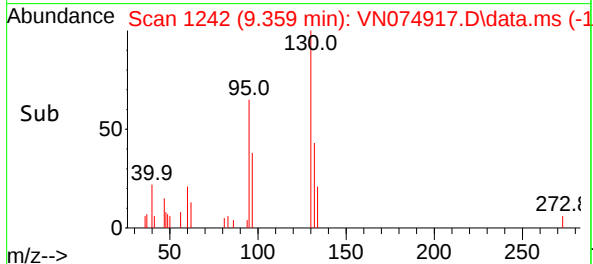
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



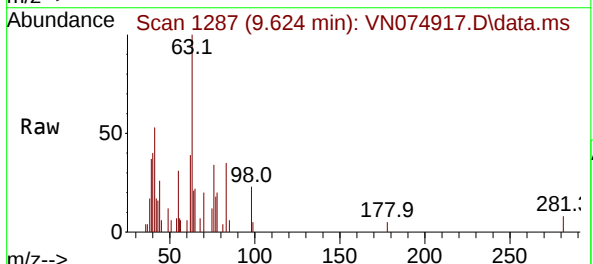
Tgt Ion: 130 Resp: 580
Ion Ratio Lower Upper
130 100
95 64.9 0.0 210.4

Manual Integrations
APPROVED

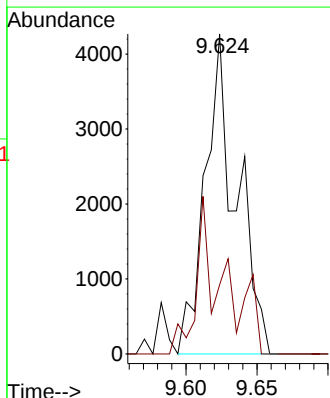
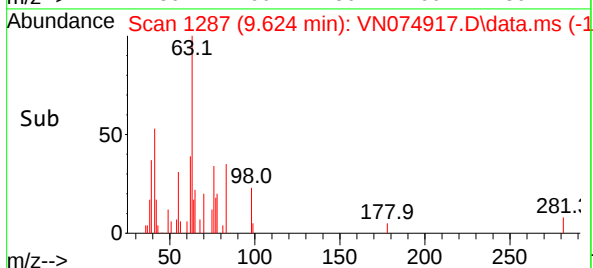
Reviewed By : John Carlone 10/18/2022
Supervised By : Mahesh Dadoda 10/18/2022

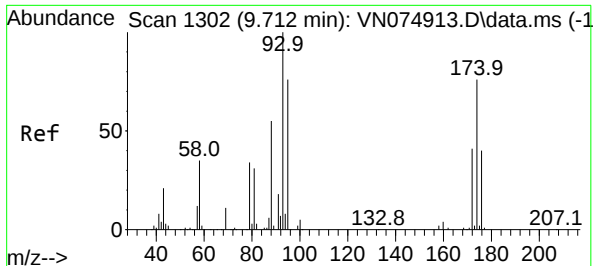


#45
1,2-Dichloropropane
Concen: 0.922 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



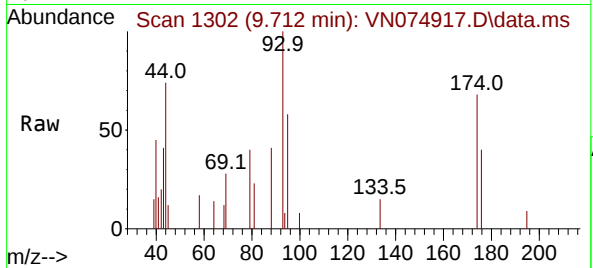
Tgt Ion: 63 Resp: 6545
Ion Ratio Lower Upper
63 100
65 21.6 25.9 38.9#





#46
Dibromomethane
Concen: 0.984 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

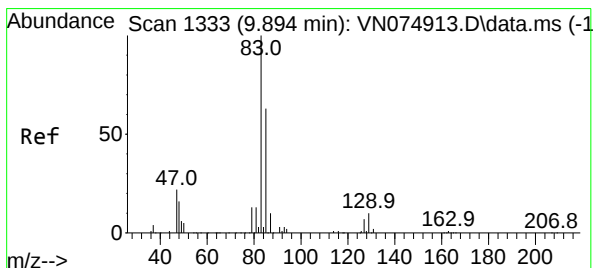
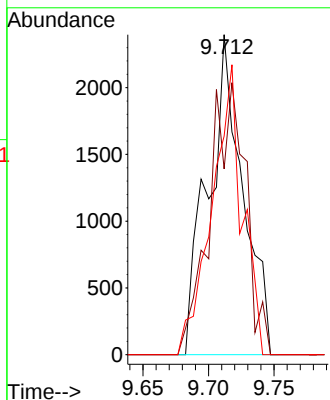
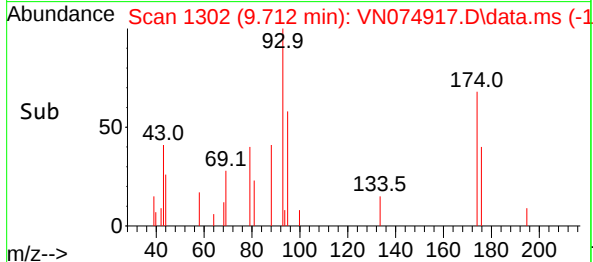
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



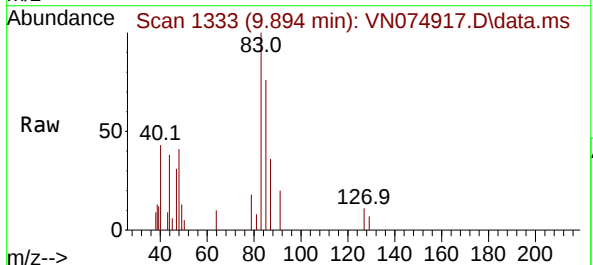
Tgt Ion: 93 Resp: 4398
Ion Ratio Lower Upper
93 100
95 88.7 66.0 99.0
174 79.4 65.1 97.7

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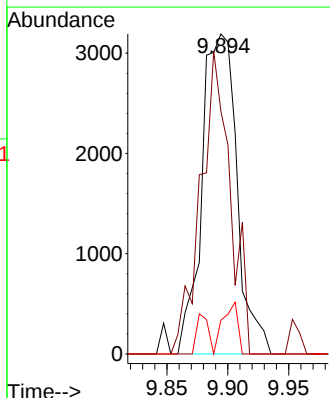
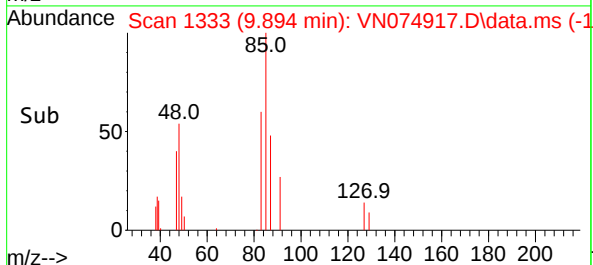
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

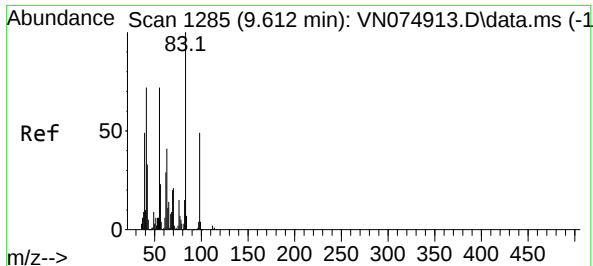


#47
Bromodichloromethane
Concen: 0.721 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



Tgt Ion: 83 Resp: 6390
Ion Ratio Lower Upper
83 100
85 75.8 50.2 75.2#
127 10.5 5.8 8.6#





#48

Methyl methacrylate

Concen: 0.925 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 801

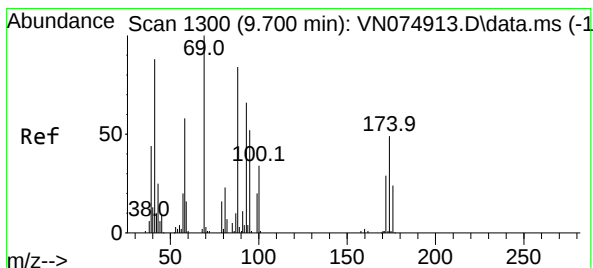
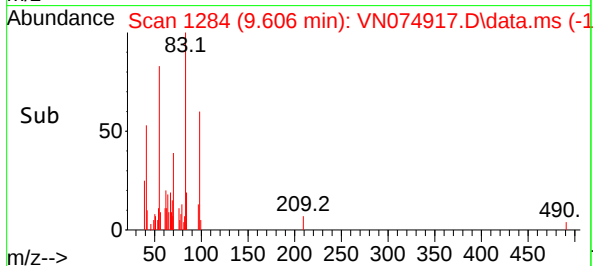
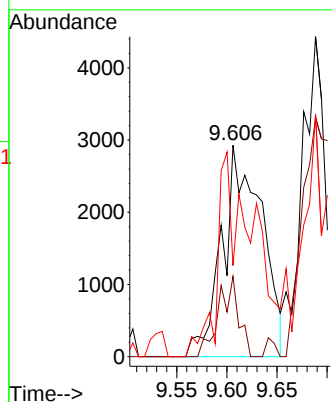
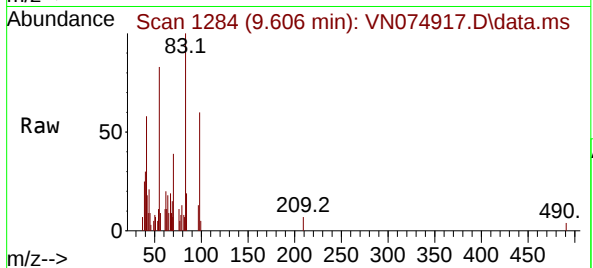
Ion	Ratio	Lower	Upper
41	100		
69	19.1	19.5	29.3
39	61.5	58.3	87.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#49

1,4-Dioxane

Concen: 17.060 ug/l m

RT: 9.718 min Scan# 1303

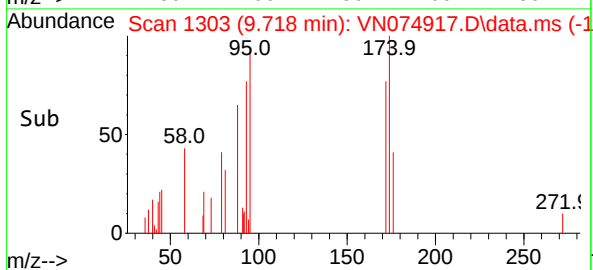
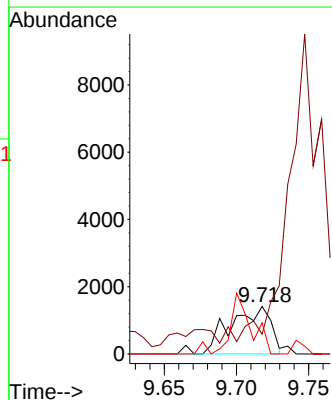
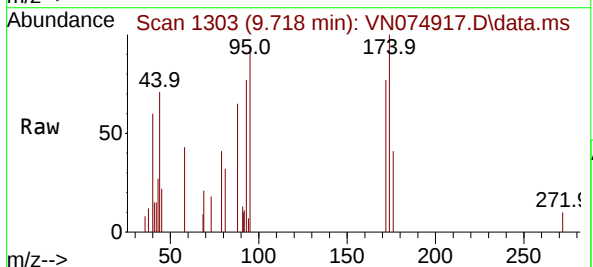
Delta R.T. 0.018 min

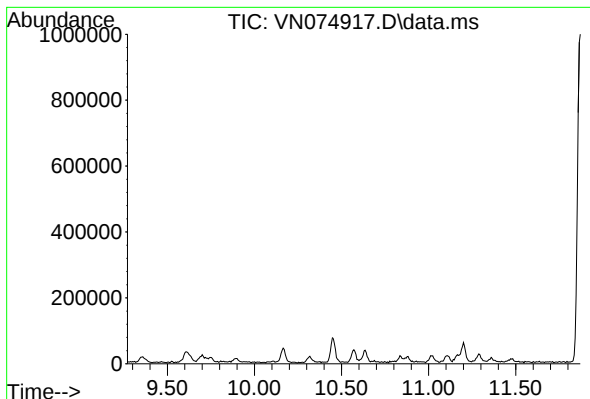
Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Tgt Ion: 88 Resp: 2814

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.4	29.2
58	61.4	56.9	85.3





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

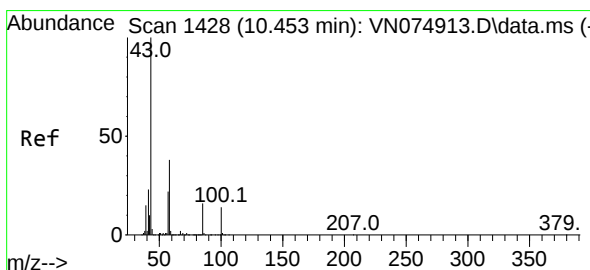
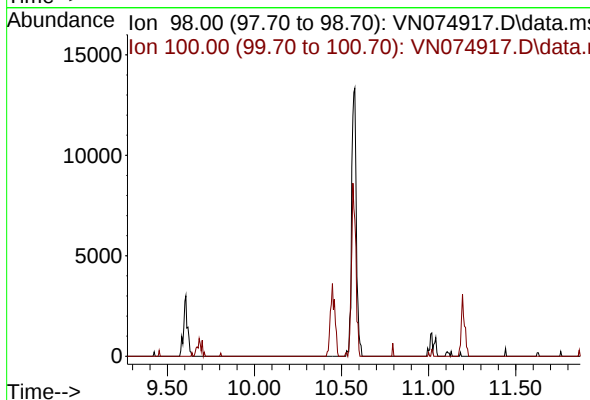
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 63.4

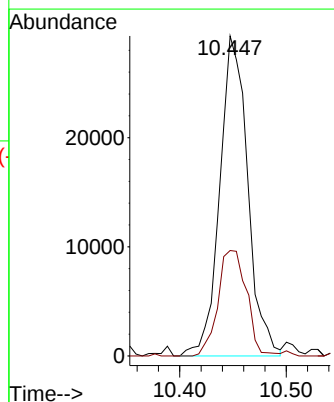
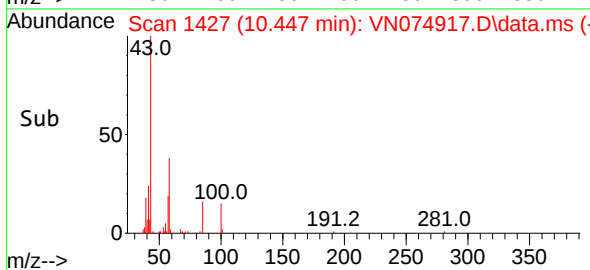
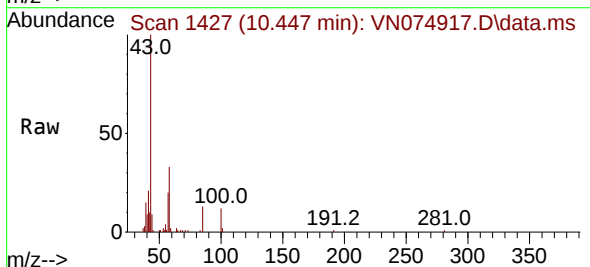
Manual Integrations APPROVED

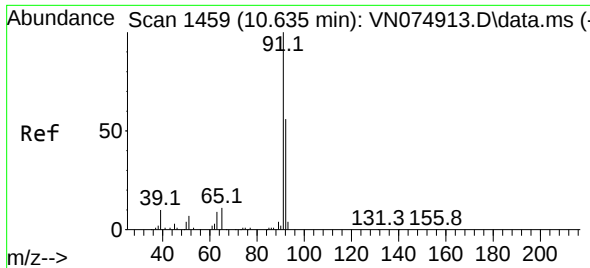
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#51
4-Methyl-2-Pentanone
Concen: 4.465 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

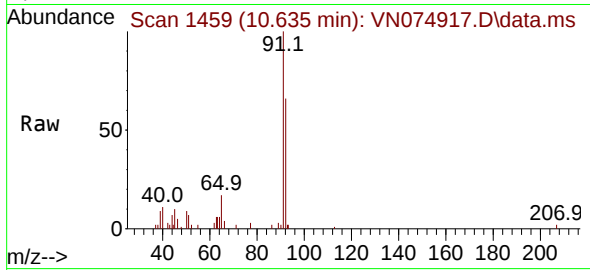
Tgt Ion: 43 Resp: 53480
Ion Ratio Lower Upper
43 100
58 33.8 30.0 45.0





#52
Toluene
Concen: 0.910 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

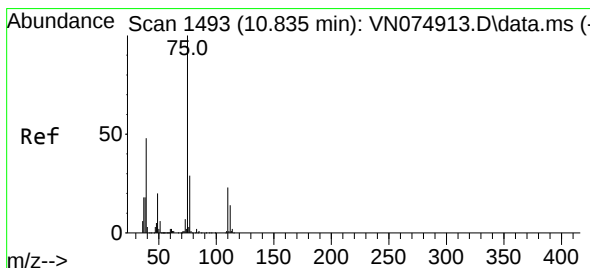
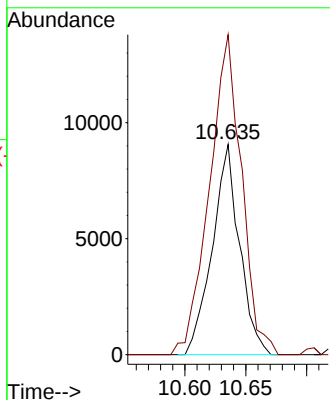
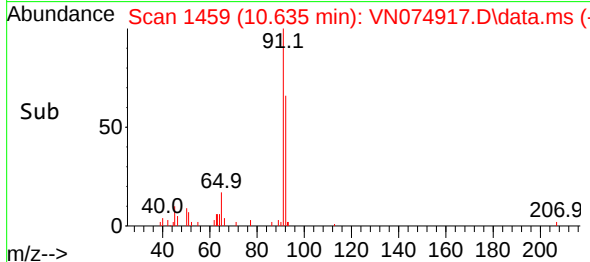
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 1410
Ion Ratio Lower Upper
92 100
91 179.8 141.0 211.6

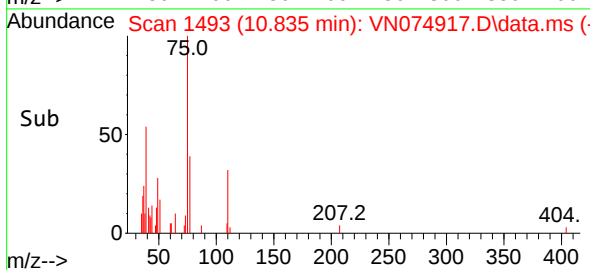
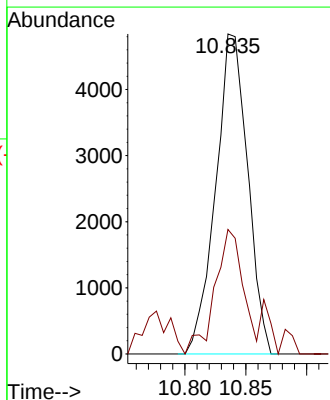
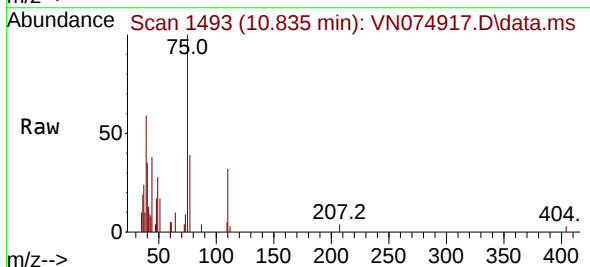
Manual Integrations
APPROVED

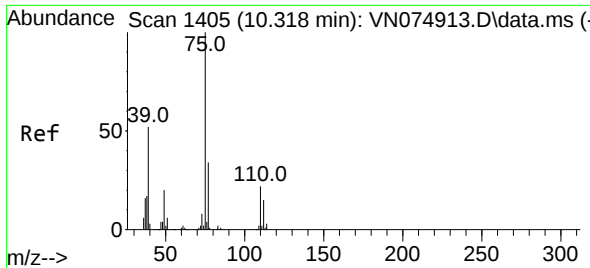
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#53
t-1,3-Dichloropropene
Concen: 0.932 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

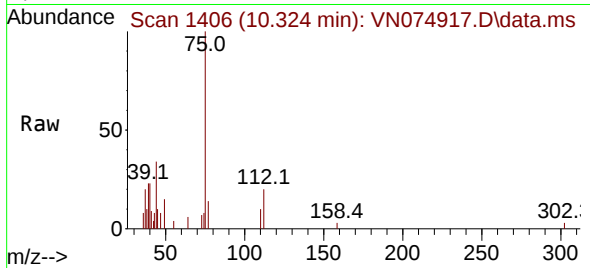
Tgt Ion: 75 Resp: 8842
Ion Ratio Lower Upper
75 100
77 38.9 23.4 35.0#





#54
cis-1,3-Dichloropropene
Concen: 0.953 ug/l
RT: 10.324 min Scan# 1406
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

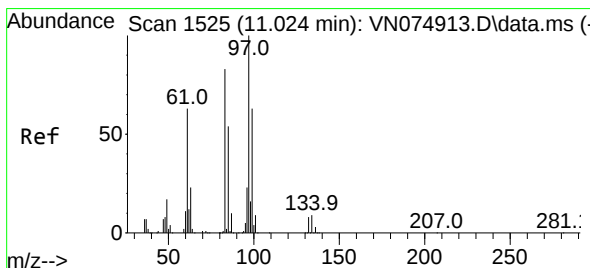
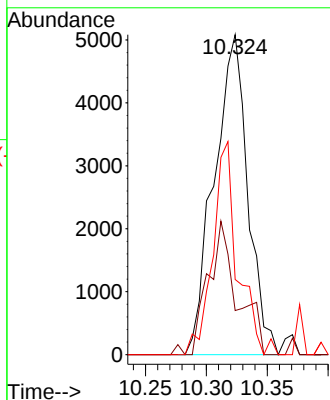
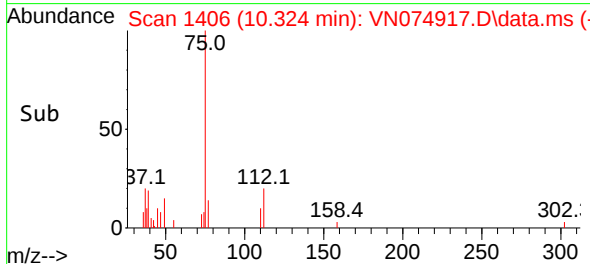
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 977
Ion Ratio Lower Upper
75 100
77 13.8 27.6 41.4
39 23.5 41.6 62.4

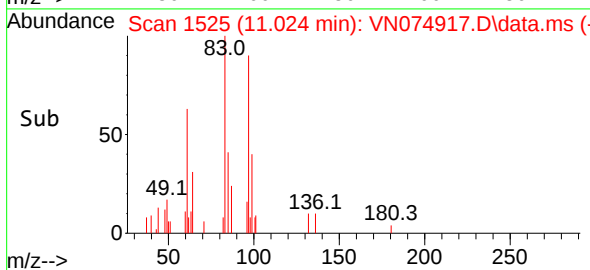
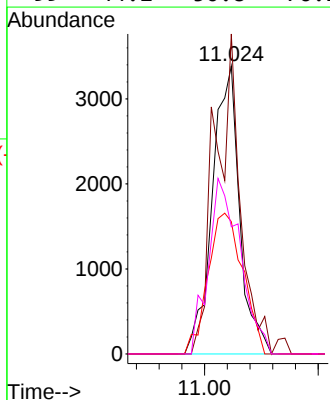
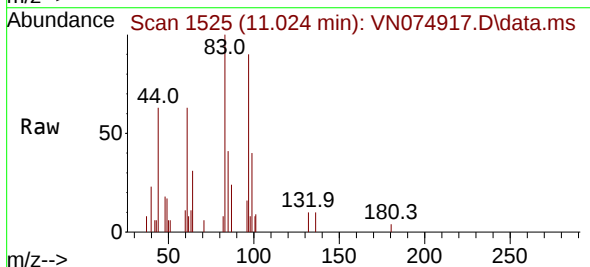
Manual Integrations
APPROVED

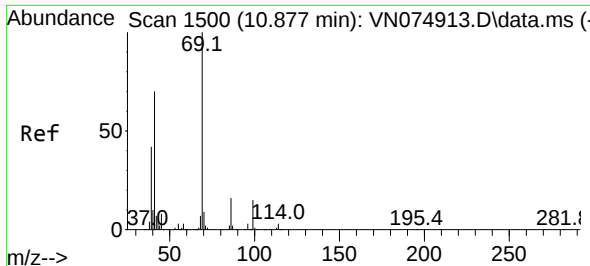
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#55
1,1,2-Trichloroethane
Concen: 0.842 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

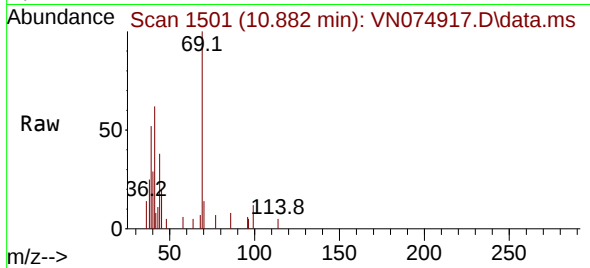
Tgt Ion: 97 Resp: 5620
Ion Ratio Lower Upper
97 100
83 111.2 66.6 100.0#
85 46.0 43.0 64.4
99 44.2 50.8 76.2#





#56
Ethyl methacrylate
Concen: 0.853 ug/l
RT: 10.882 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

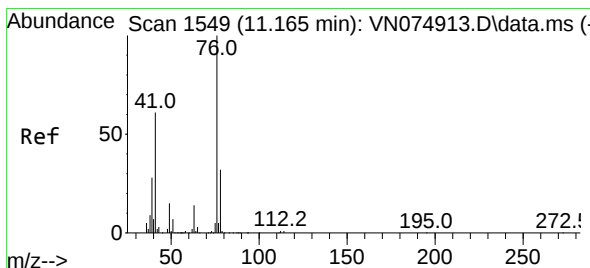
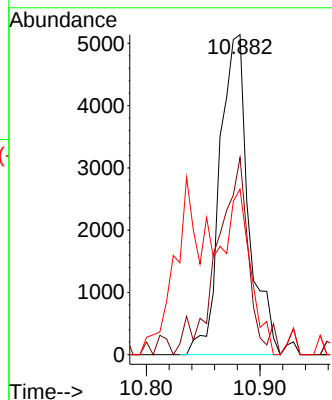
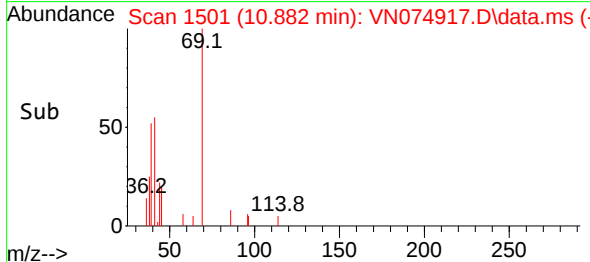
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



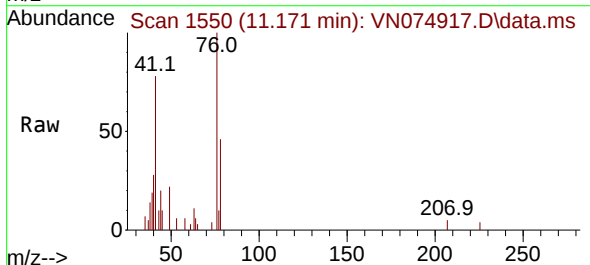
Tgt Ion: 69 Resp: 905
Ion Ratio Lower Upper
69 100
41 65.7 55.9 83.9
39 35.1 35.2 52.8

Manual Integrations
APPROVED

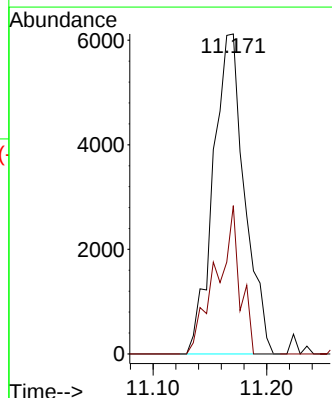
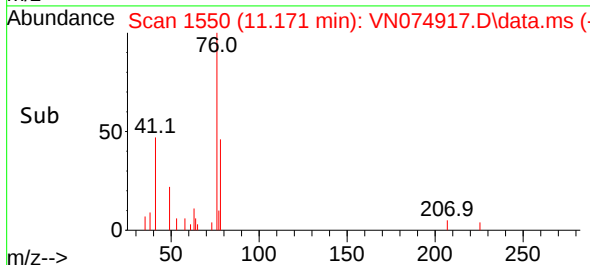
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

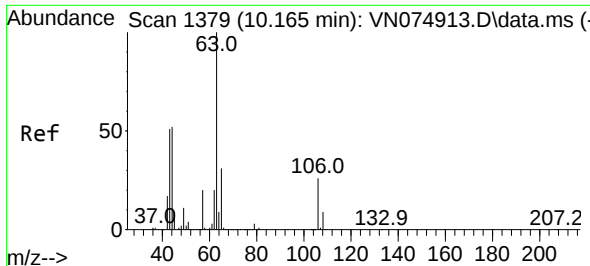


#57
1,3-Dichloropropane
Concen: 1.004 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



Tgt Ion: 76 Resp: 11770
Ion Ratio Lower Upper
76 100
78 35.2 26.1 39.1





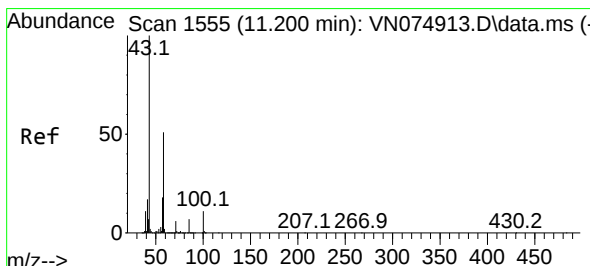
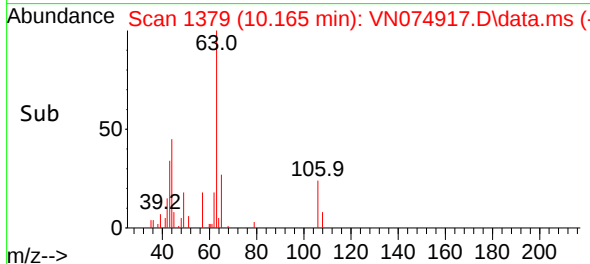
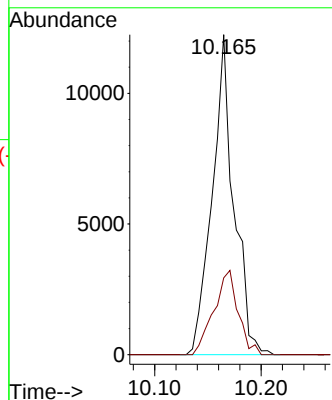
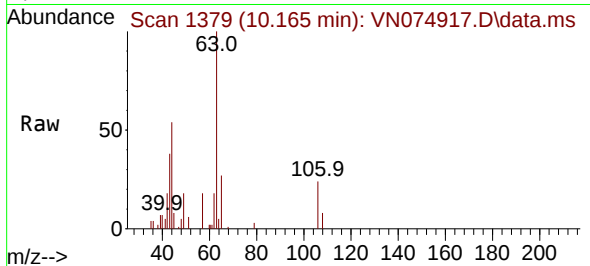
#58
2-Chloroethyl Vinyl ether
Concen: 3.755 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 17292
Ion Ratio Lower Upper
63 100
106 29.5 20.8 31.2

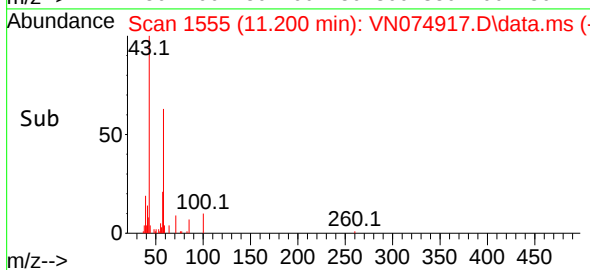
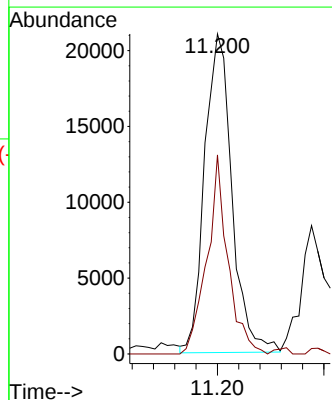
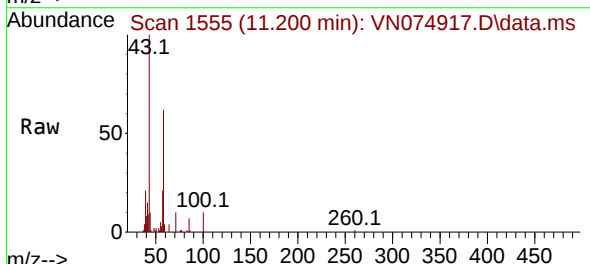
Manual Integrations
APPROVED

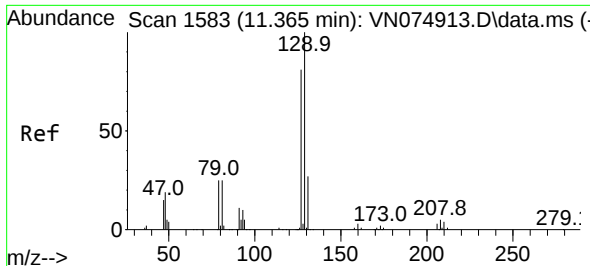
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#59
2-Hexanone
Concen: 4.156 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 43 Resp: 37347
Ion Ratio Lower Upper
43 100
58 47.9 26.3 78.9





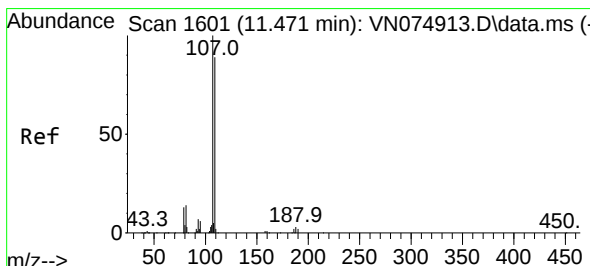
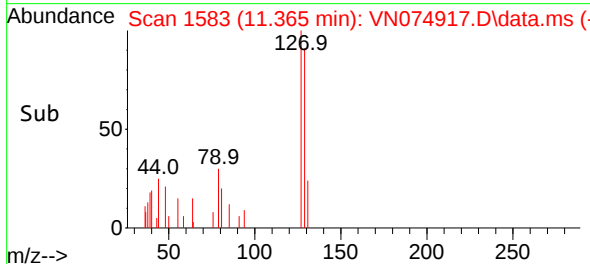
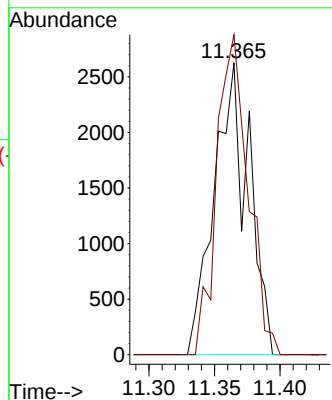
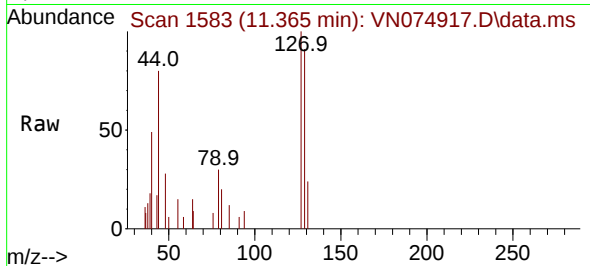
#60
Dibromochloromethane
Concen: 0.778 ug/l
RT: 11.365 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 4820
Ion Ratio Lower Upper
129 100
127 99.8 39.4 118.2

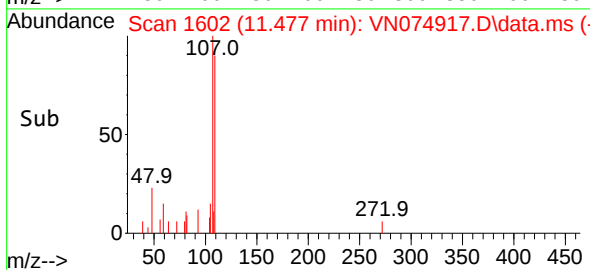
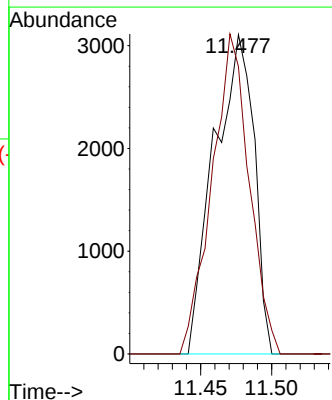
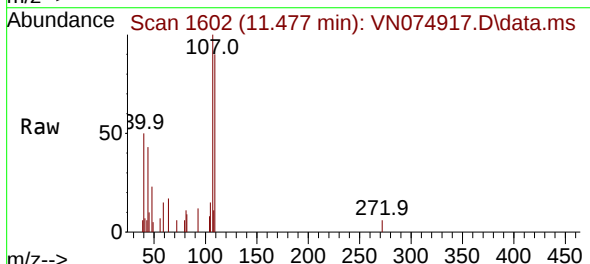
Manual Integrations
APPROVED

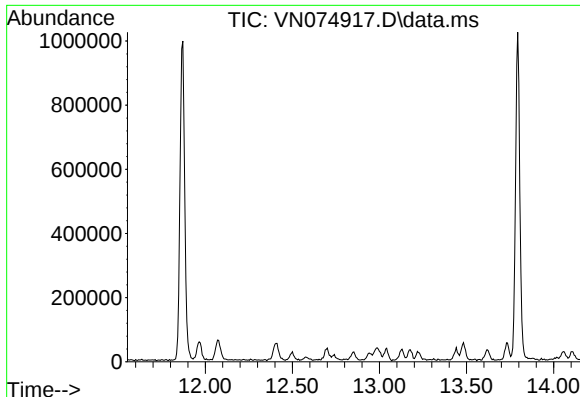
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#61
1,2-Dibromoethane
Concen: 0.958 ug/l
RT: 11.477 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion:107 Resp: 6068
Ion Ratio Lower Upper
107 100
109 93.4 77.6 116.4





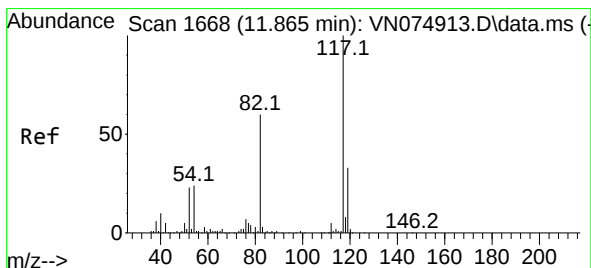
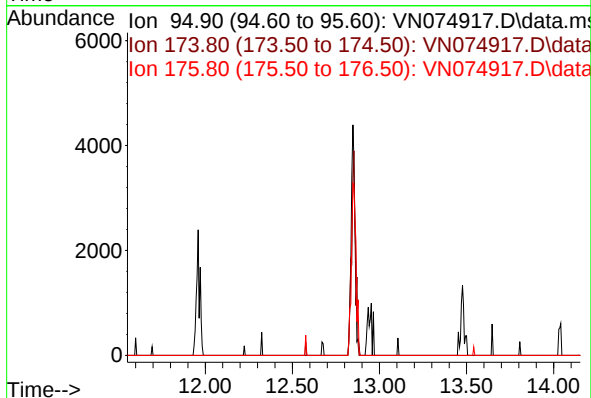
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 78.9
 176 74.0

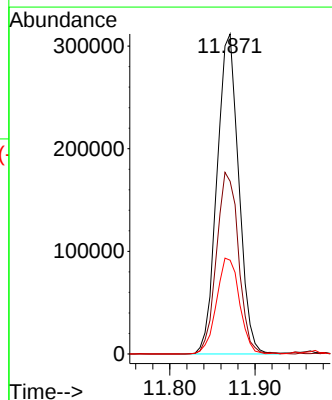
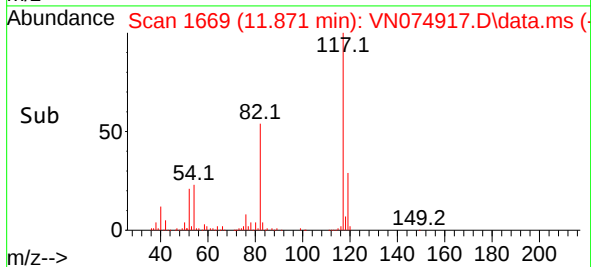
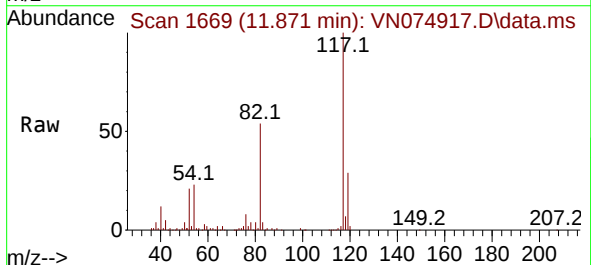
Manual Integrations
 APPROVED

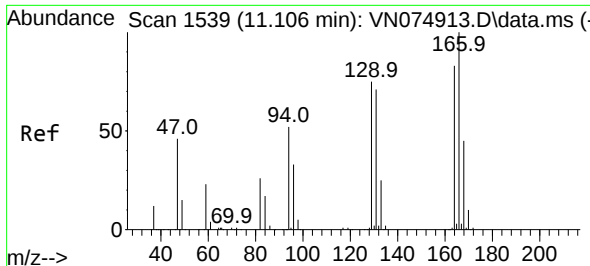
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1669
 Delta R.T. 0.006 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

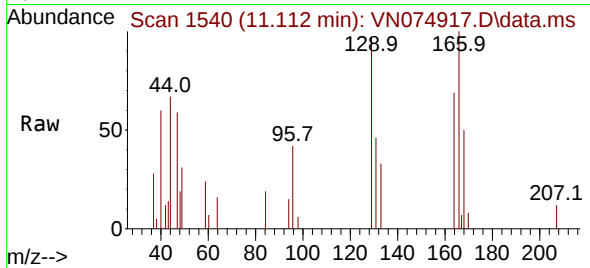
Tgt Ion:117 Resp: 552802
 Ion Ratio Lower Upper
 117 100
 82 53.9 48.0 72.0
 119 29.3 26.1 39.1





#64
Tetrachloroethene
Concen: 1.008 ug/l
RT: 11.112 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

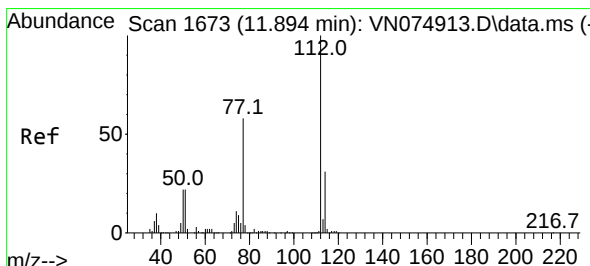
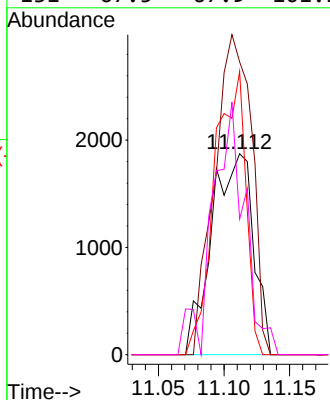
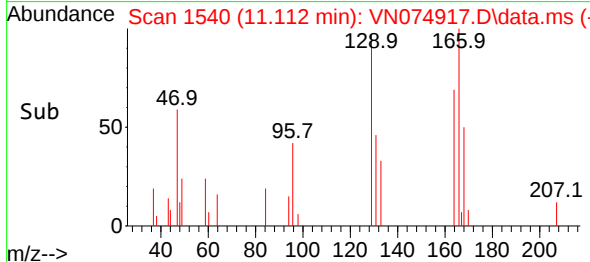
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:164 Resp: 415
Ion Ratio Lower Upper
164 100
166 145.7 95.8 143.8
129 140.9 72.0 108.0
131 67.5 67.9 101.9

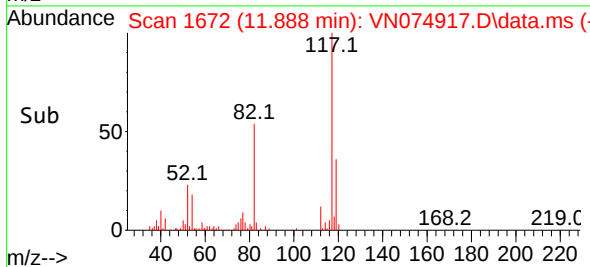
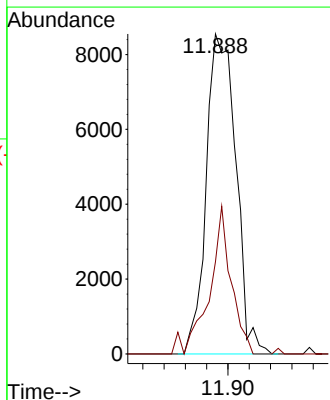
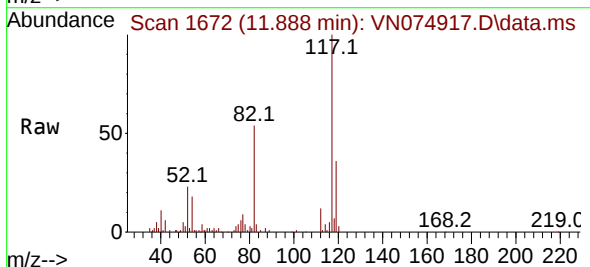
Manual Integrations
APPROVED

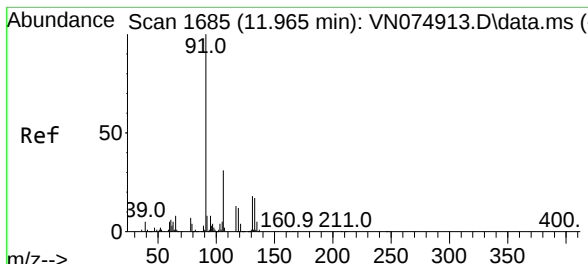
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#65
Chlorobenzene
Concen: 1.035 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion:112 Resp: 16469
Ion Ratio Lower Upper
112 100
114 27.1 25.2 37.8





#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.988 ug/l
 RT: 11.971 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

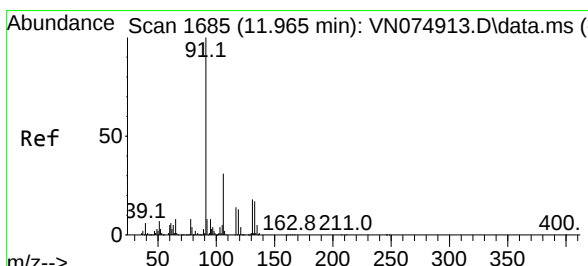
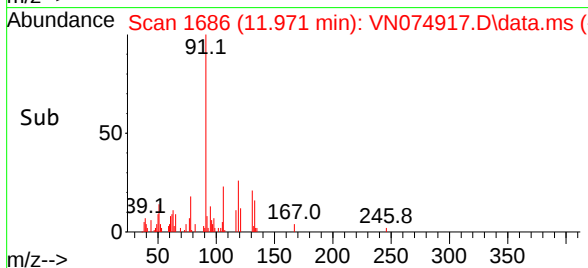
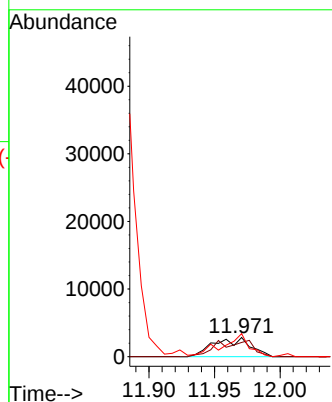
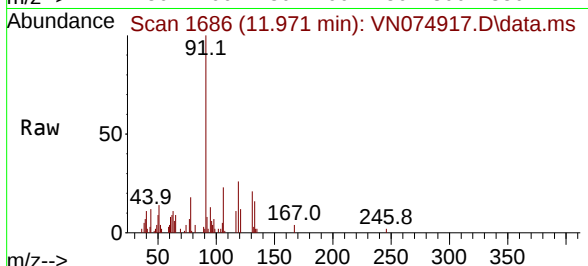
Tgt Ion:131 Resp: 548
 Ion Ratio Lower Upper
 131 100
 133 35.6 46.1 138.3
 119 0.0 32.6 97.8

Manual Integrations

APPROVED

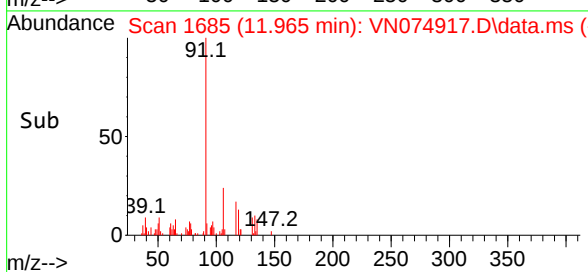
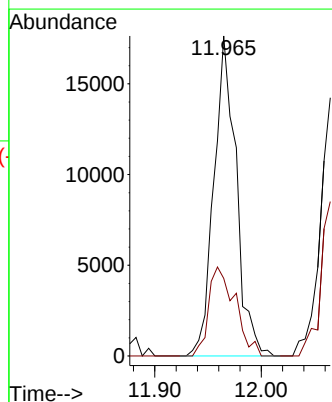
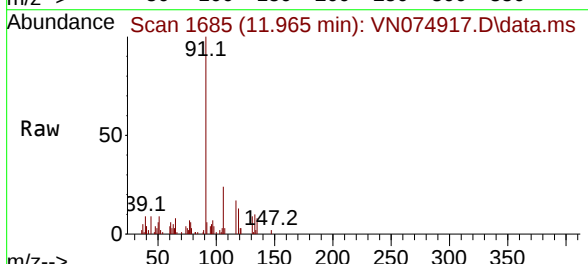
Reviewed By :John Carlone 10/18/2022

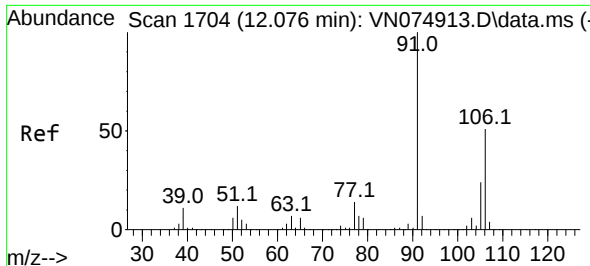
Supervised By :Mahesh Dadoda 10/18/2022



#67
 Ethyl Benzene
 Concen: 0.873 ug/l
 RT: 11.965 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 91 Resp: 25660
 Ion Ratio Lower Upper
 91 100
 106 24.2 24.7 37.1#





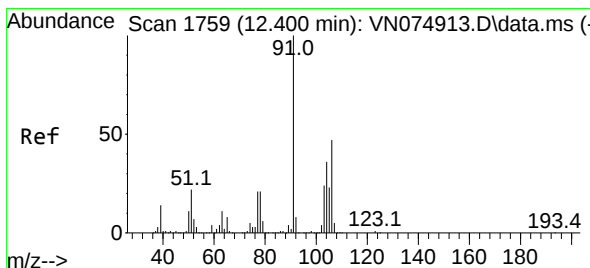
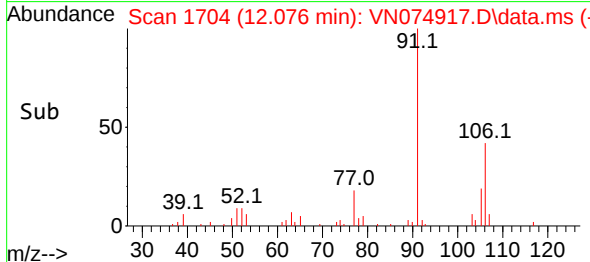
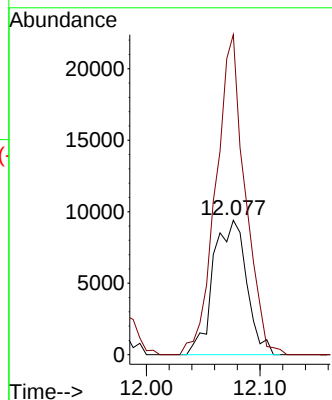
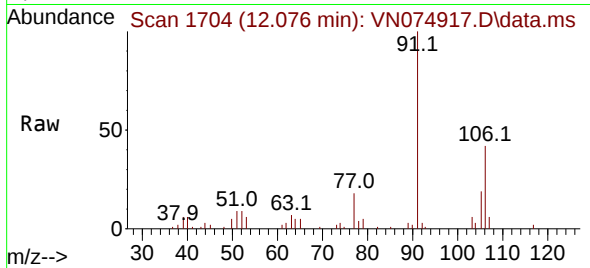
#68
m/p-Xylenes
Concen: 1.758 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 19130
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8

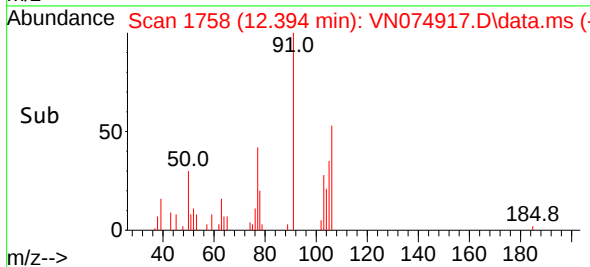
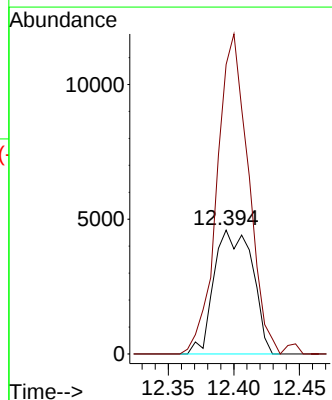
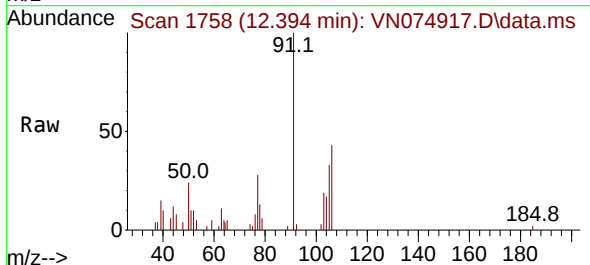
Manual Integrations
APPROVED

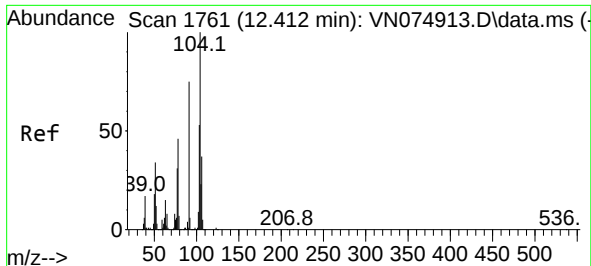
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#69
o-Xylene
Concen: 0.836 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

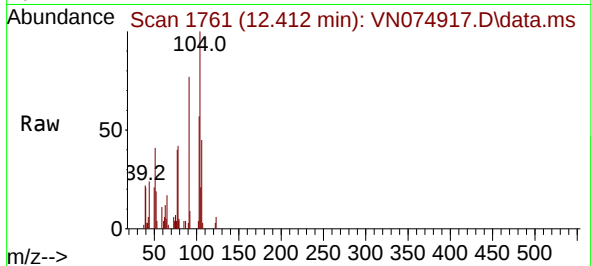
Tgt Ion:106 Resp: 9378
Ion Ratio Lower Upper
106 100
91 210.6 105.9 317.7





#70
Styrene
Concen: 0.856 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

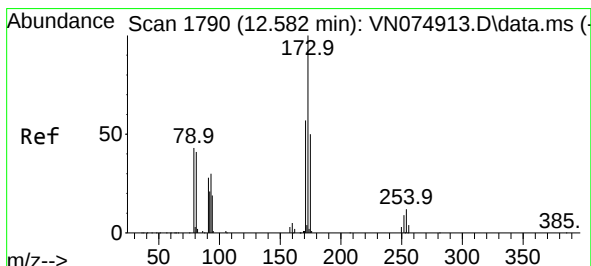
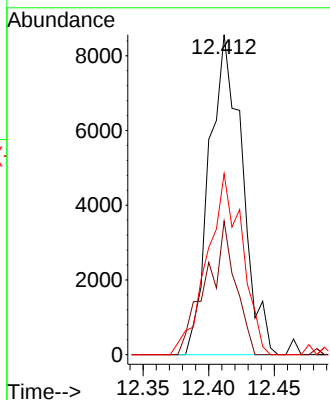
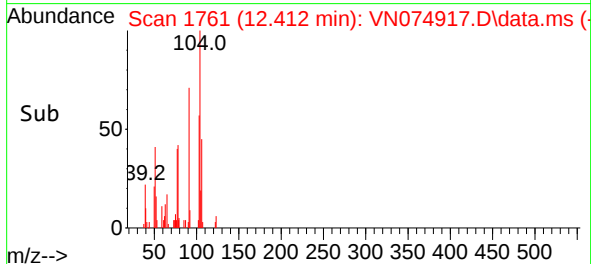
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



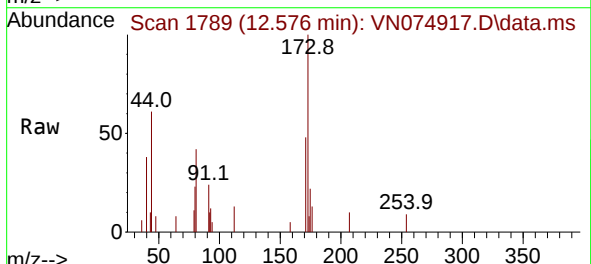
Tgt Ion:104 Resp: 14892
Ion Ratio Lower Upper
104 100
78 37.2 38.8 58.2
103 60.1 45.0 67.4

Manual Integrations
APPROVED

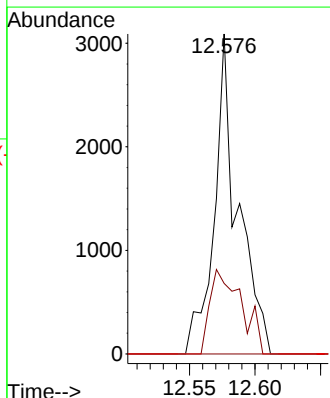
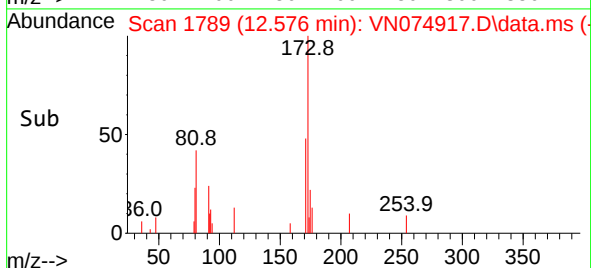
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

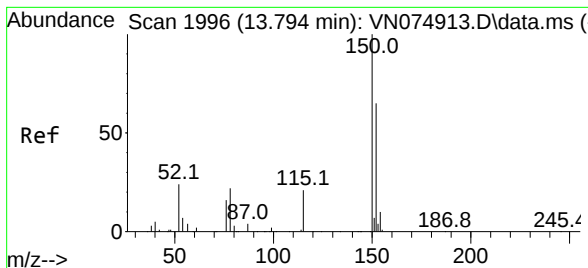


#71
Bromoform
Concen: 0.924 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



Tgt Ion:173 Resp: 3826
Ion Ratio Lower Upper
173 100
175 35.5 24.5 73.5
254 0.0 0.0 0.0





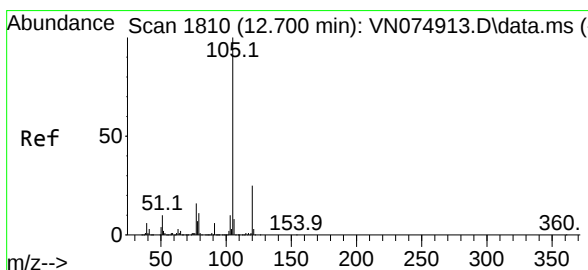
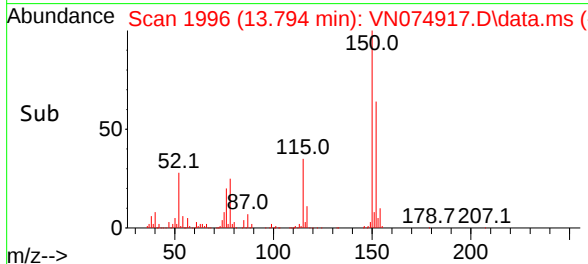
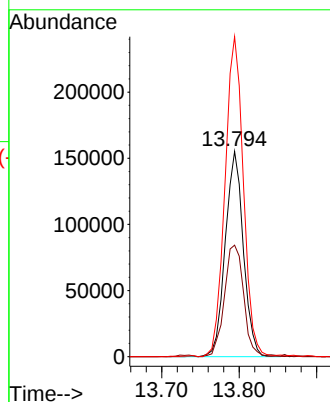
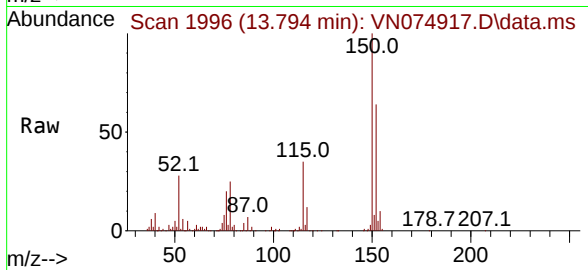
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:152 Resp: 25210
Ion Ratio Lower Upper
152 100
115 57.7 29.7 89.1
150 158.3 0.0 341.6

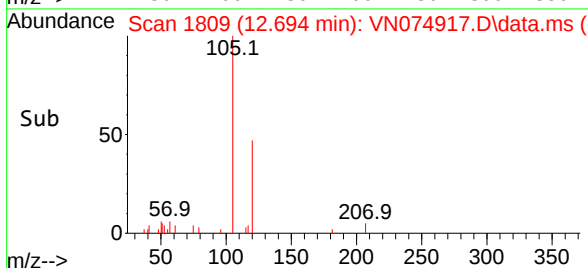
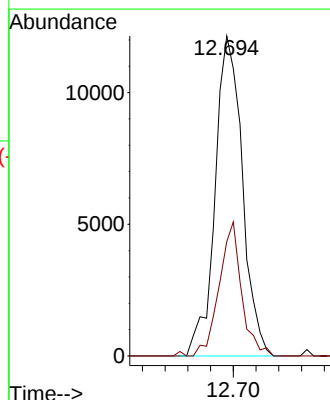
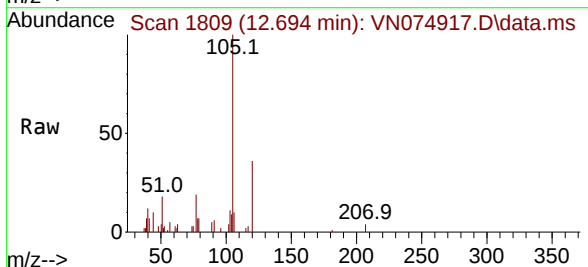
Manual Integrations
APPROVED

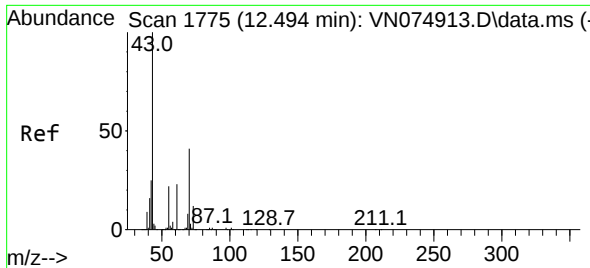
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#73
Isopropylbenzene
Concen: 0.813 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

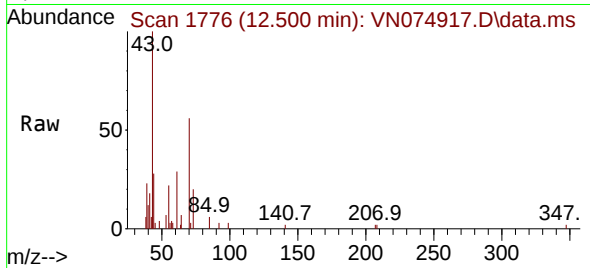
Tgt Ion:105 Resp: 20239
Ion Ratio Lower Upper
105 100
120 34.7 12.9 38.7





#74
N-amy1 acetate
Concen: 0.857 ug/l
RT: 12.500 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

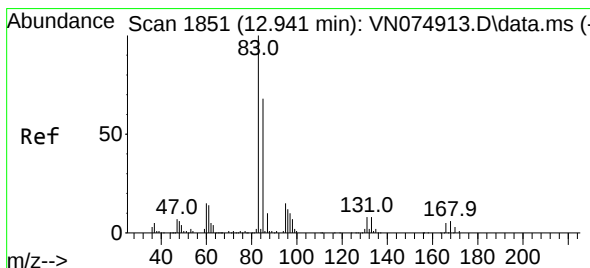
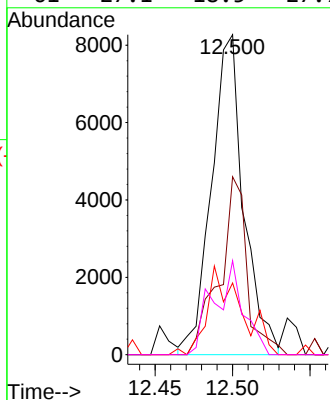
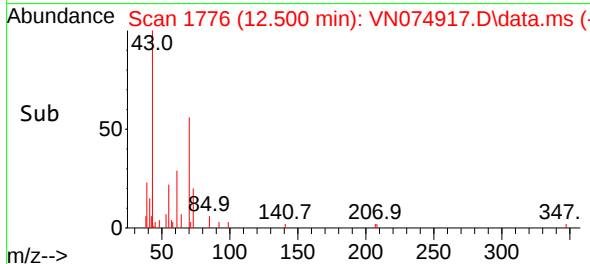
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
70 47.5 32.1 48.1
55 29.0 17.7 26.5
61 27.1 18.5 27.7

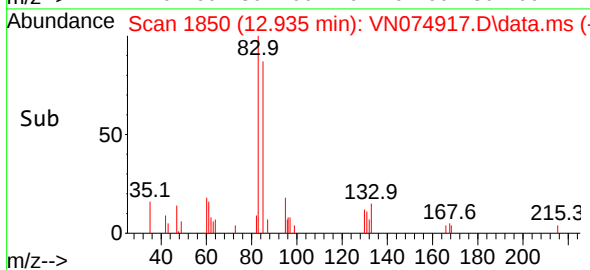
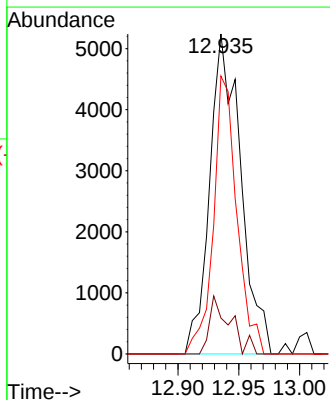
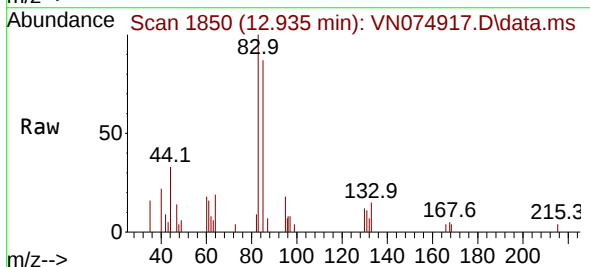
Manual Integrations
APPROVED

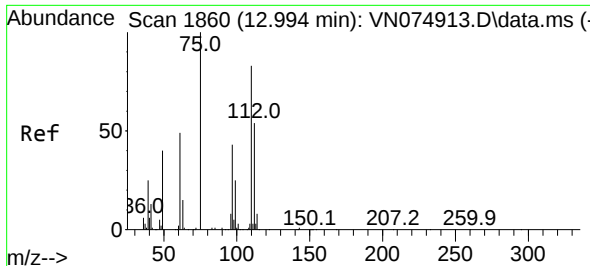
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 0.972 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 83 Resp: 9263
Ion Ratio Lower Upper
83 100
131 12.1 4.3 12.8
85 65.8 32.6 97.8





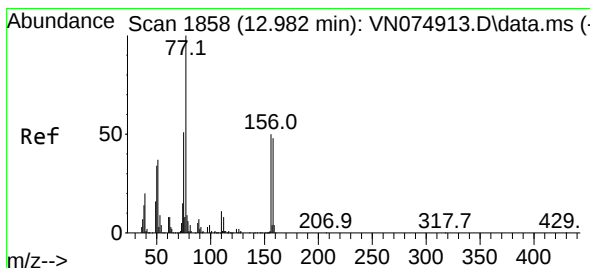
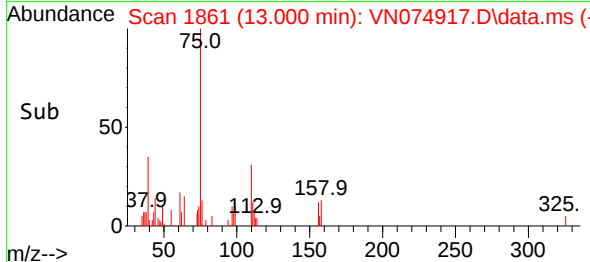
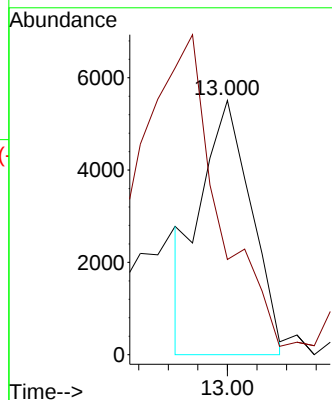
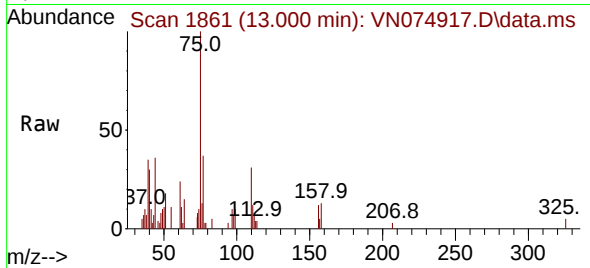
#76
1,2,3-Trichloropropane
Concen: 0.899 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 652
Ion Ratio Lower Upper
75 100
77 203.0 77.8 233.5

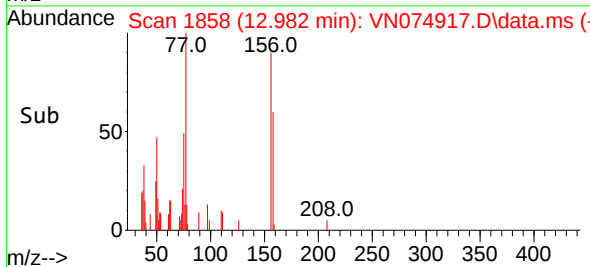
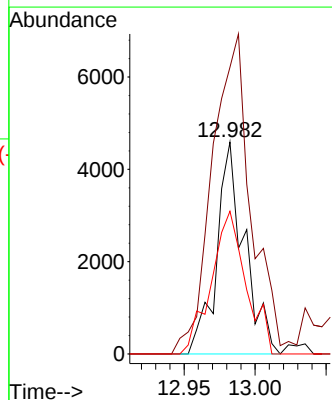
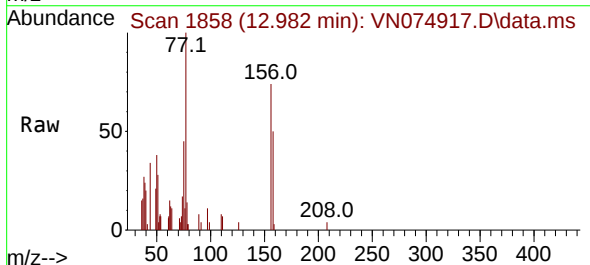
Manual Integrations
APPROVED

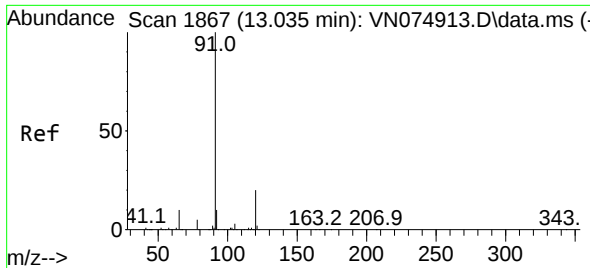
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#77
Bromobenzene
Concen: 1.209 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion:156 Resp: 6231
Ion Ratio Lower Upper
156 100
77 212.4 116.7 350.1
158 84.5 48.2 144.6





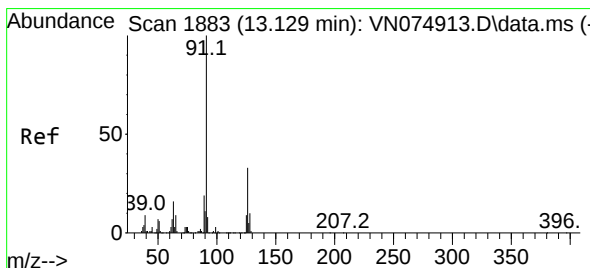
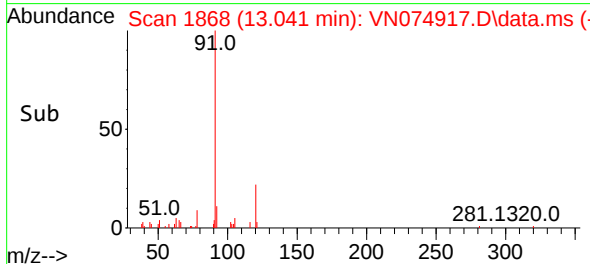
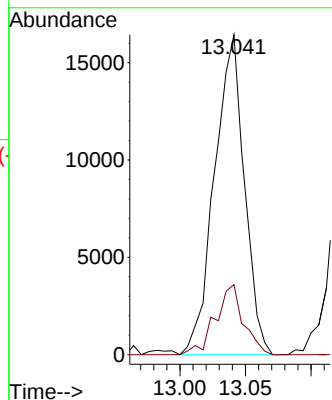
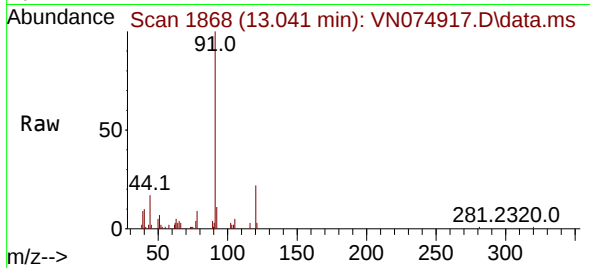
#78
n-propylbenzene
Concen: 0.908 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 2601
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.4

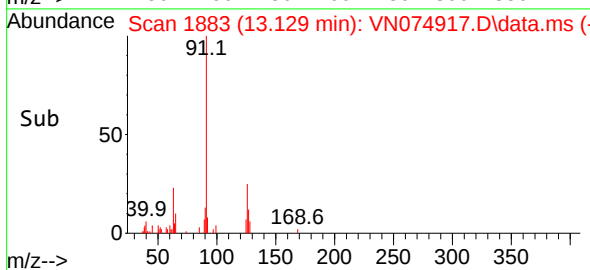
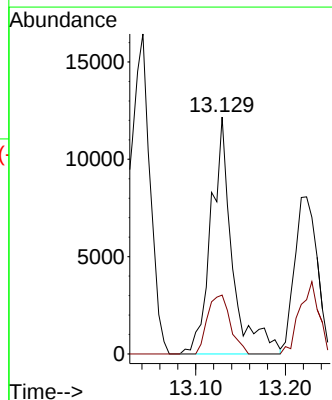
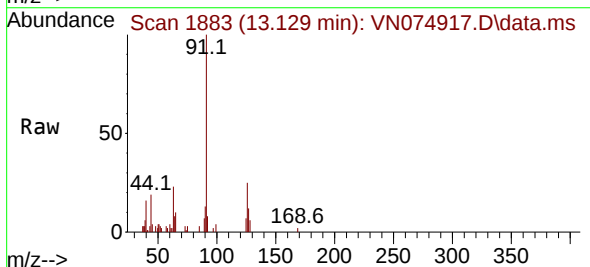
Manual Integrations
APPROVED

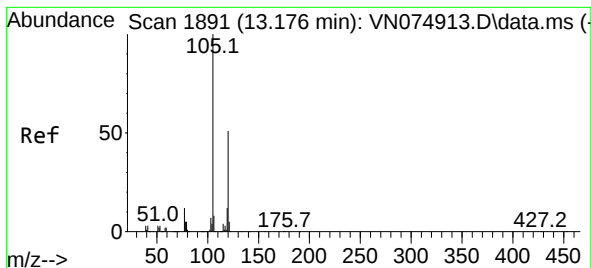
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#79
2-Chlorotoluene
Concen: 1.155 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 91 Resp: 20066
Ion Ratio Lower Upper
91 100
126 26.7 16.6 49.7





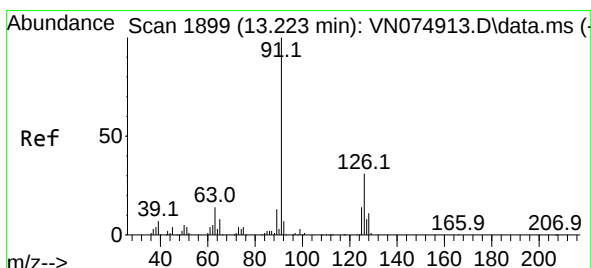
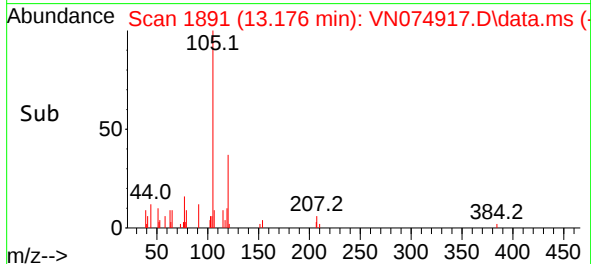
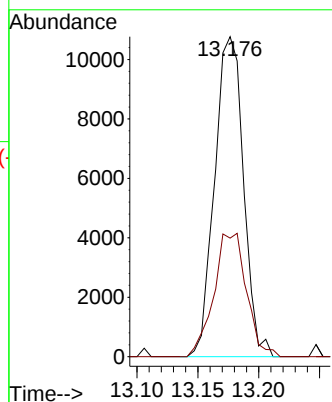
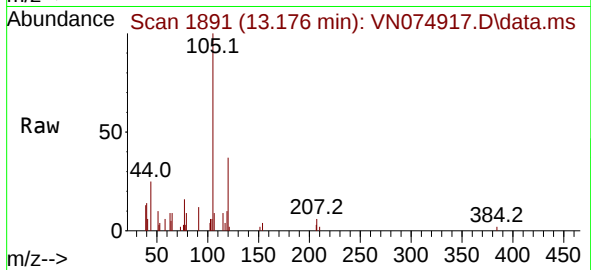
#80
1,3,5-Trimethylbenzene
Concen: 0.884 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 1773
Ion Ratio Lower Upper
105 100
120 43.6 23.9 71.8

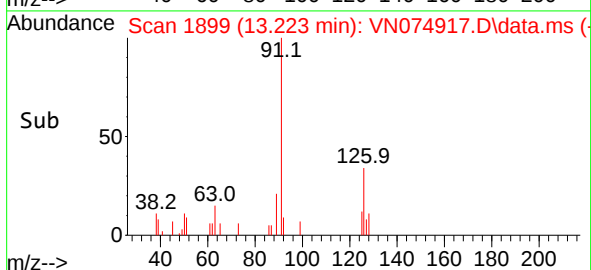
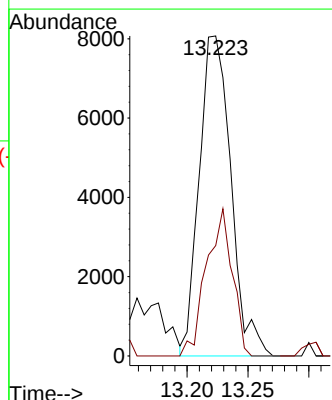
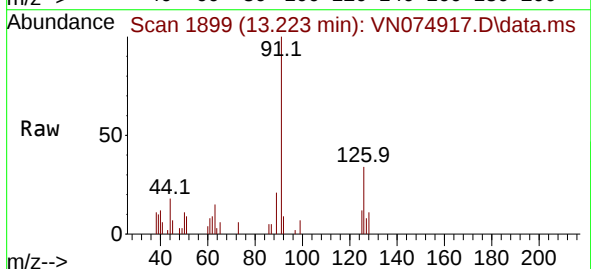
Manual Integrations
APPROVED

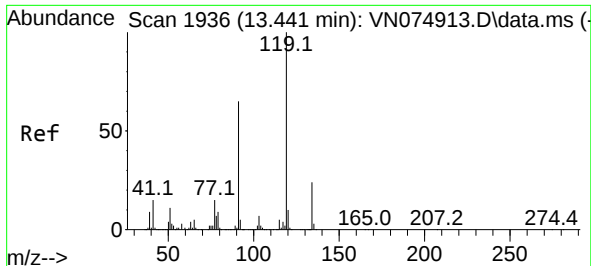
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 0.938 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

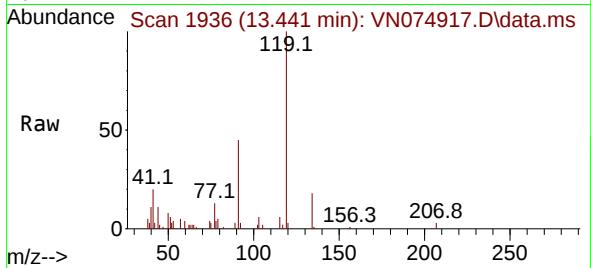
Tgt Ion: 91 Resp: 14633
Ion Ratio Lower Upper
91 100
126 37.7 16.0 47.9





#83
tert-Butylbenzene
Concen: 1.005 ug/l m
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

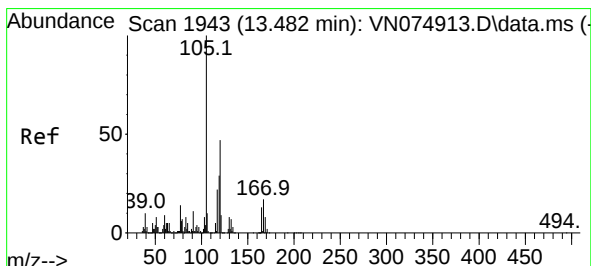
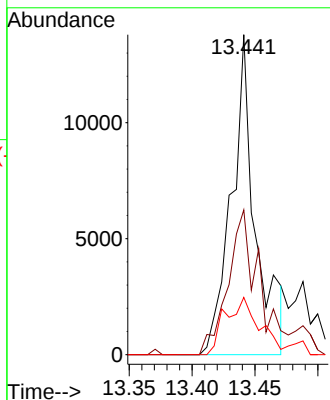
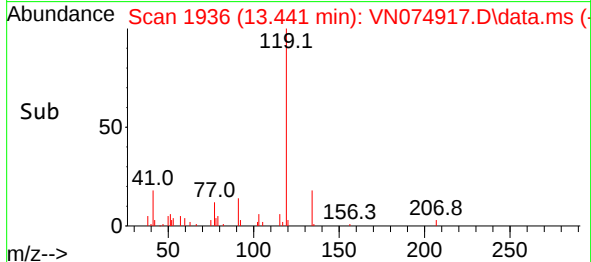
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



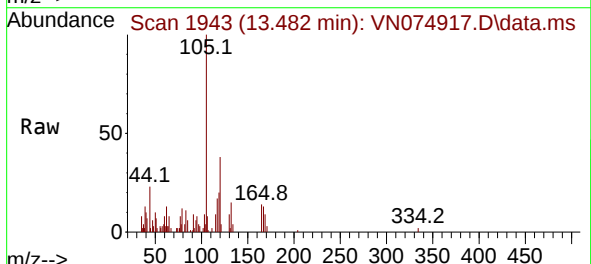
Tgt Ion:119 Resp: 18314
Ion Ratio Lower Upper
119 100
91 58.7 33.1 99.2
134 26.1 13.1 39.3

Manual Integrations
APPROVED

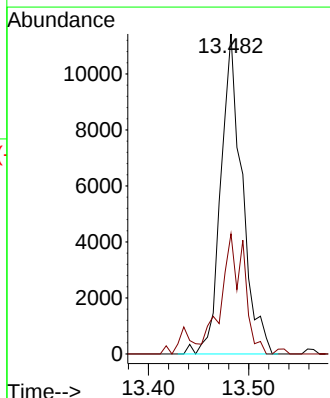
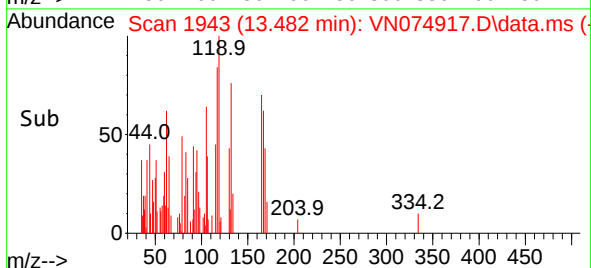
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

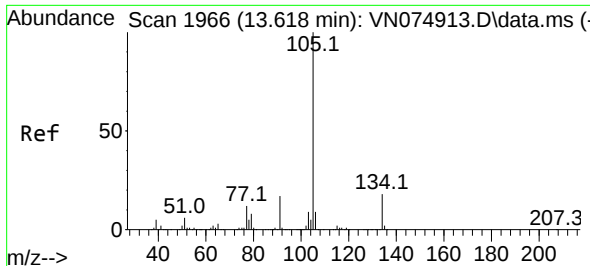


#84
1,2,4-Trimethylbenzene
Concen: 0.891 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27



Tgt Ion:105 Resp: 16856
Ion Ratio Lower Upper
105 100
120 40.1 21.9 65.8





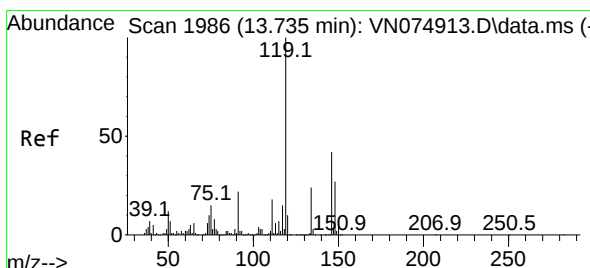
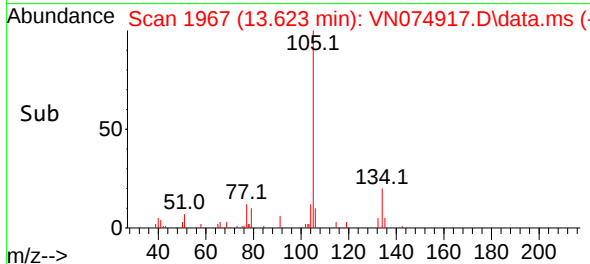
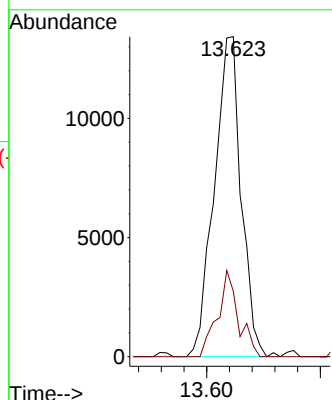
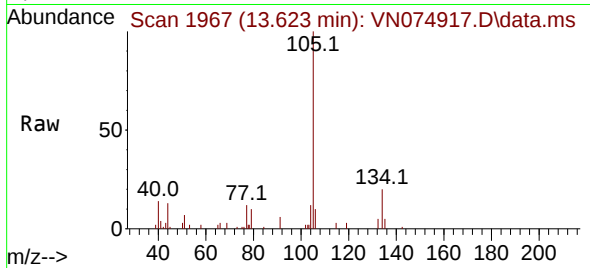
#85
 sec-Butylbenzene
 Concen: 0.893 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 2209
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.2 27.4

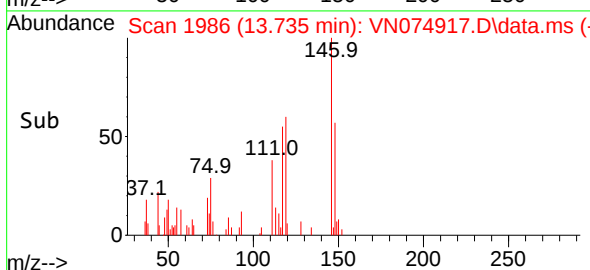
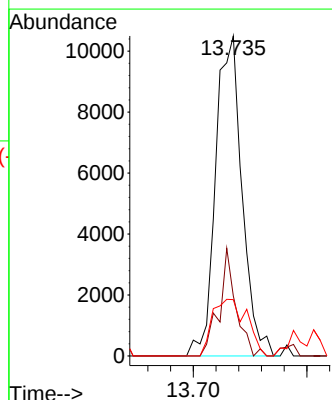
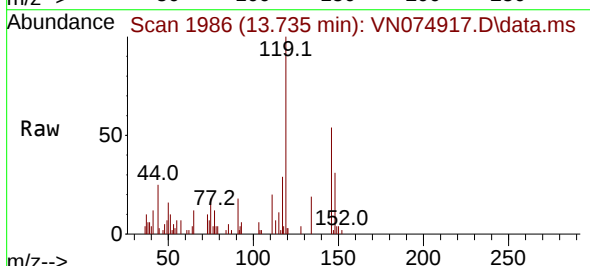
Manual Integrations
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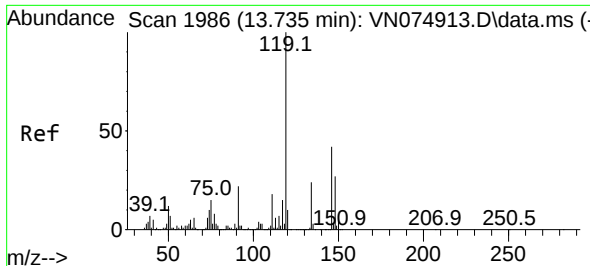
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#86
 p-Isopropyltoluene
 Concen: 0.884 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074917.D
 Acq: 17 Oct 2022 15:27

Tgt Ion:119 Resp: 16950
 Ion Ratio Lower Upper
 119 100
 134 21.6 12.3 36.9
 91 23.1 11.8 35.4





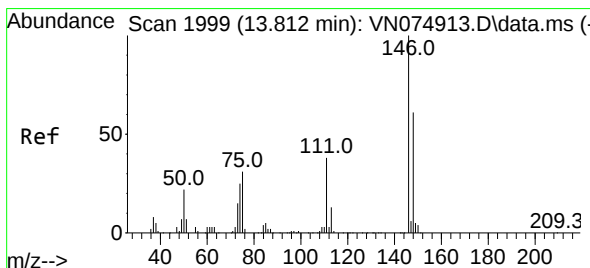
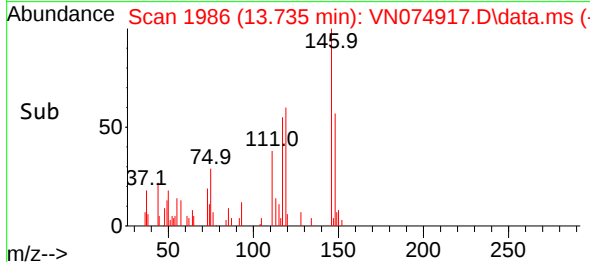
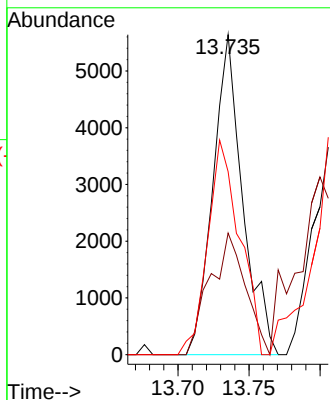
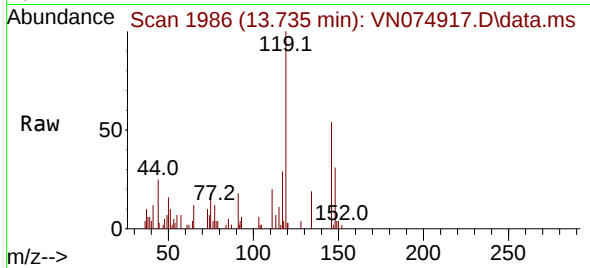
#87
1,3-Dichlorobenzene
Concen: 0.915 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 821
Ion Ratio Lower Upper
146 100
111 45.5 20.3 60.9
148 71.9 31.4 94.0

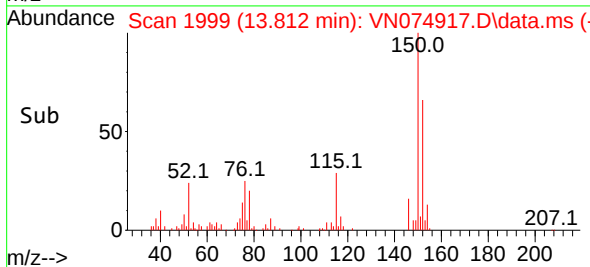
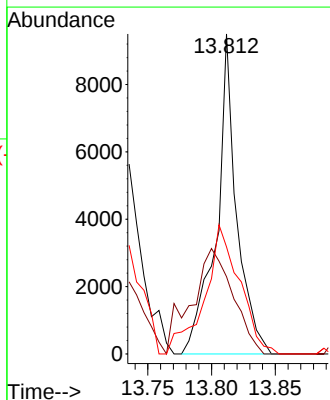
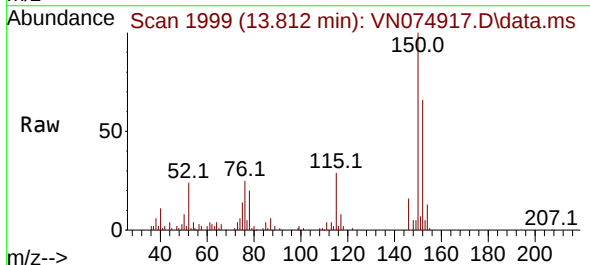
Manual Integrations
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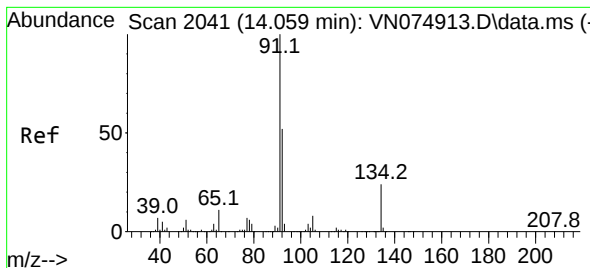
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#88
1,4-Dichlorobenzene
Concen: 1.147 ug/l m
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion:146 Resp: 10529
Ion Ratio Lower Upper
146 100
111 35.5 19.4 58.1
148 56.1 31.8 95.3





#89

n-Butylbenzene

Concen: 0.955 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

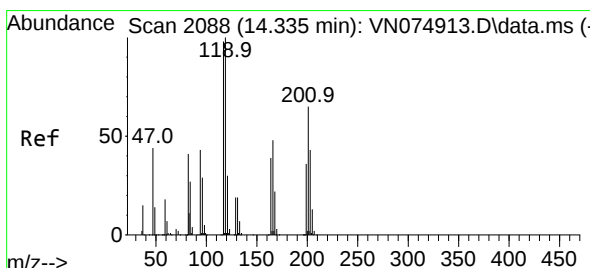
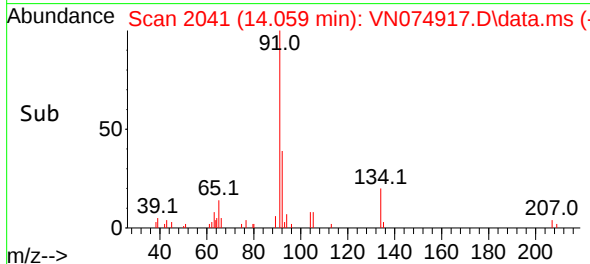
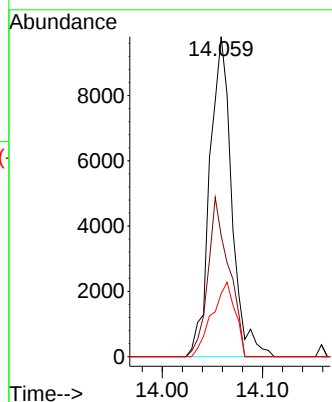
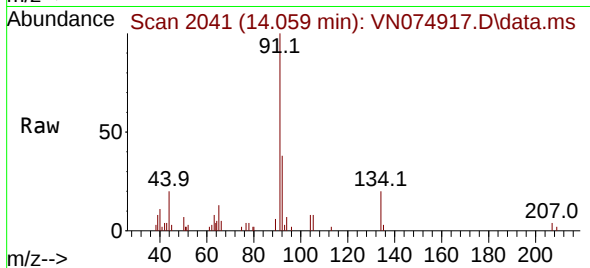
Tgt Ion:	91	Resp:	14918
Ion Ratio	Lower	Upper	
91	100		
92	47.4	26.0	78.0
134	24.5	11.8	35.3

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#90

Hexachloroethane

Concen: 0.932 ug/l

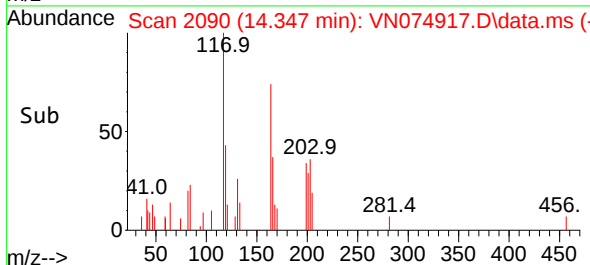
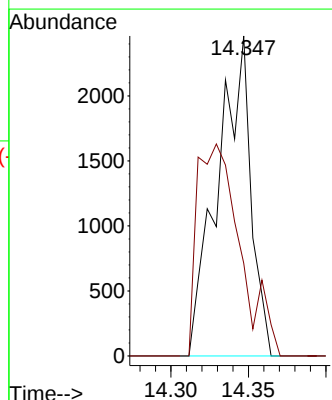
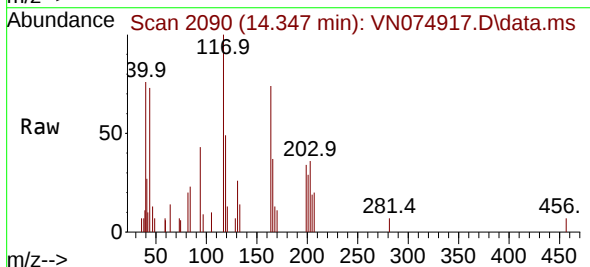
RT: 14.347 min Scan# 2090

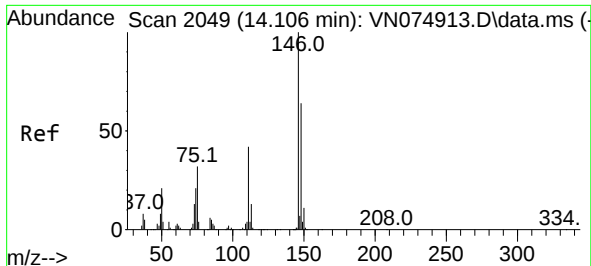
Delta R.T. 0.012 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Tgt Ion:	117	Resp:	3648
Ion Ratio	Lower	Upper	
117	100		
201	85.9	31.6	95.0





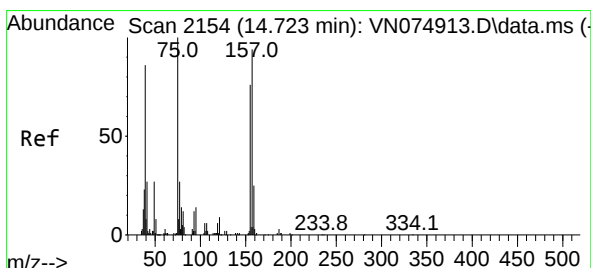
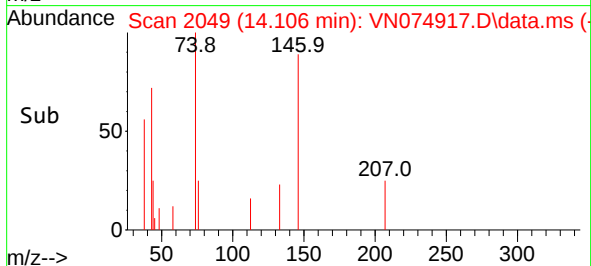
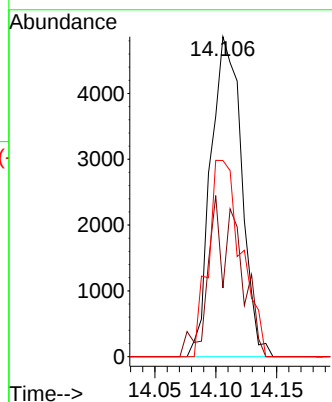
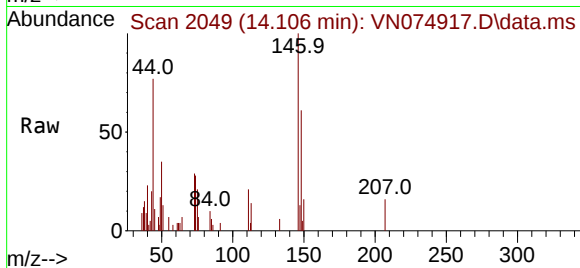
#91
1,2-Dichlorobenzene
Concen: 0.950 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 854
Ion Ratio Lower Upper
146 100
111 23.8 20.4 61.3
148 65.9 32.1 96.3

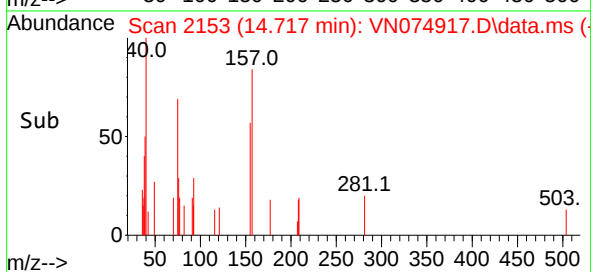
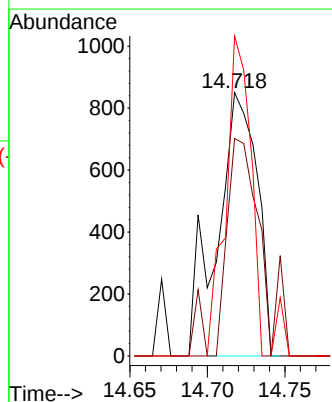
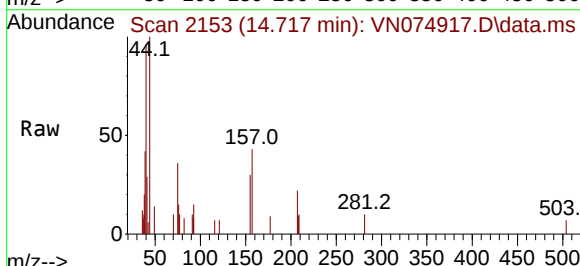
Manual Integrations
APPROVED

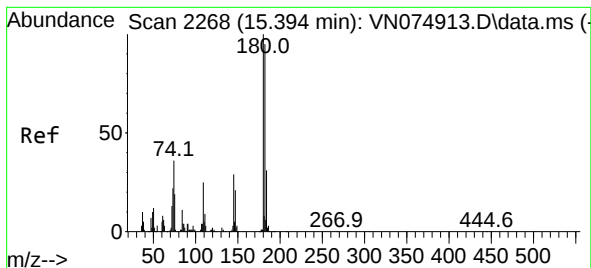
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.918 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074917.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 75 Resp: 1524
Ion Ratio Lower Upper
75 100
155 69.4 39.9 119.6
157 76.1 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 1.023 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

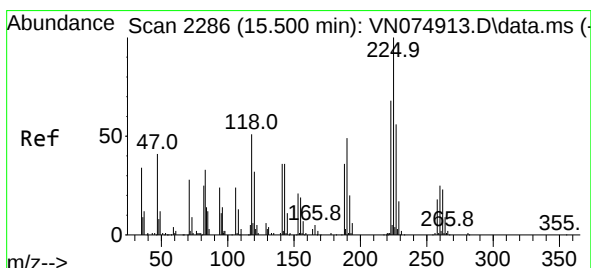
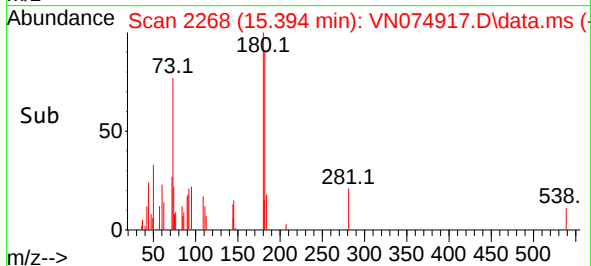
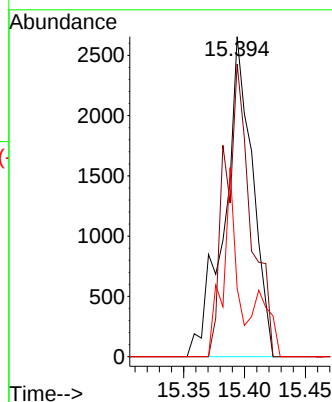
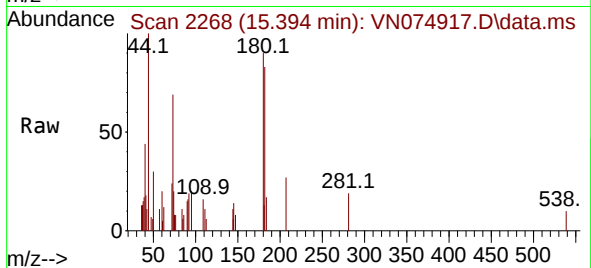
Tgt Ion:	180	Resp:	426
Ion Ratio	Lower	Upper	
180	100		
182	83.0	49.1	147.3
145	28.2	15.4	46.4

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#94

Hexachlorobutadiene

Concen: 1.015 ug/l

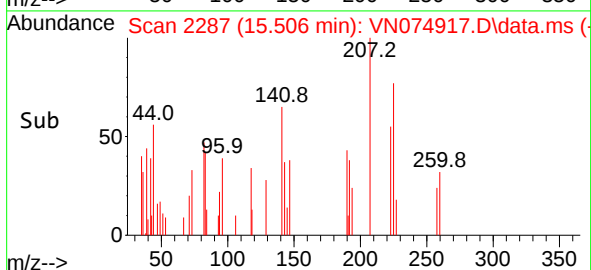
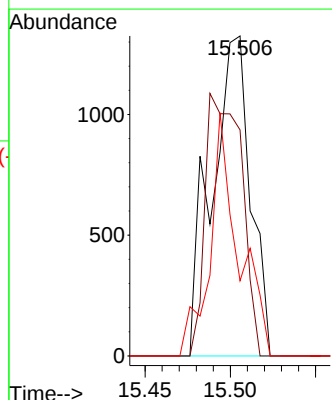
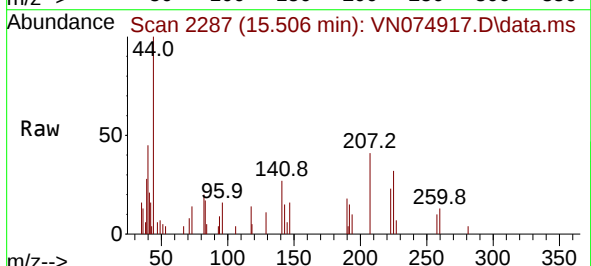
RT: 15.506 min Scan# 2287

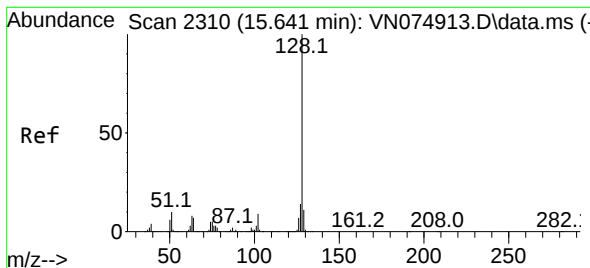
Delta R.T. 0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Tgt Ion:	225	Resp:	2098
Ion Ratio	Lower	Upper	
225	100		
223	76.8	29.8	89.5
227	55.6	30.1	90.5





#95

Naphthalene

Concen: 1.073 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

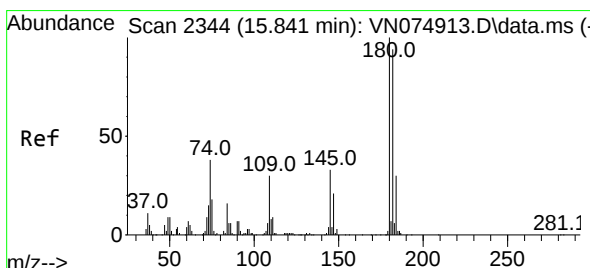
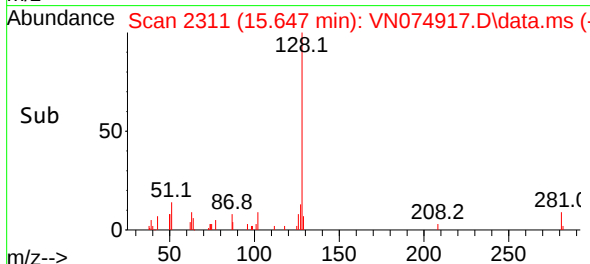
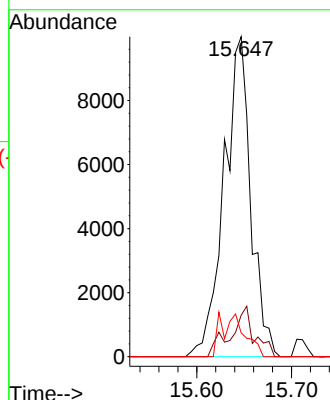
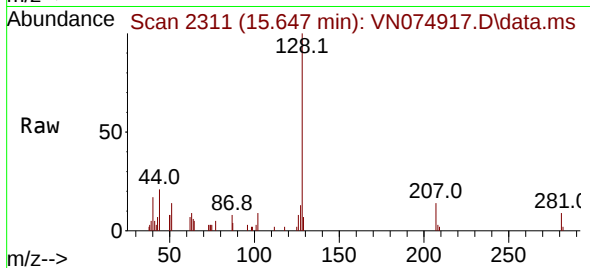
Tgt Ion:	128	Resp:	1955
Ion Ratio	Lower	Upper	
128	100		
127	10.9	10.8	16.2
129	0.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#96

1,2,3-Trichlorobenzene

Concen: 1.091 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN074917.D

Acq: 17 Oct 2022 15:27

Tgt Ion:	180	Resp:	4775
Ion Ratio	Lower	Upper	
180	100		
182	99.0	46.9	140.6
145	31.7	15.8	47.4

