

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082602.D
 Acq On : 17 Jun 2024 11:41
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:44:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97271	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	64 - 133	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	2280	0.997	ug/l	82
3) Chloromethane	2.365	50	3379	1.232	ug/l	99
4) Vinyl Chloride	2.512	62	2916	1.117	ug/l	99
6) Chloroethane	3.124	64	2395	1.287	ug/l #	86
7) Trichlorofluoromethane	3.501	101	3717	1.092	ug/l #	66
8) Diethyl Ether	3.965	74	1093	0.943	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	1929	1.012	ug/l	95
12) 1,1-Dichloroethene	4.342	96	2128	1.167	ug/l #	80
14) Allyl chloride	5.036	41	3361	0.942	ug/l #	23
15) Acrylonitrile	5.724	53	6328	5.577	ug/l #	78
16) Acetone	4.436	43	7103	5.946	ug/l	90
17) Carbon Disulfide	4.712	76	7186	1.241	ug/l	98
18) Methyl Acetate	5.030	43	3348	1.146	ug/l #	64
19) Methyl tert-butyl Ether	5.806	73	5696	0.912	ug/l	91
20) Methylene Chloride	5.283	84	2269m	1.073	ug/l	
21) trans-1,2-Dichloroethene	5.783	96	1963	1.013	ug/l	83
22) Diisopropyl ether	6.683	45	7057	0.943	ug/l #	83
23) Vinyl Acetate	6.606	43	25989	4.382	ug/l	96
24) 1,1-Dichloroethane	6.571	63	4379	1.081	ug/l #	83
25) 2-Butanone	7.500	43	8482	4.996	ug/l	97
26) 2,2-Dichloropropane	7.483	77	3512	0.999	ug/l #	68
27) cis-1,2-Dichloroethene	7.500	96	2499	1.070	ug/l	99
28) Bromochloromethane	7.818	49	1976	1.069	ug/l #	80
29) Tetrahydrofuran	7.847	42	4836	4.653	ug/l	95
30) Chloroform	7.971	83	4152	1.050	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	3883	1.083	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	2665	0.922	ug/l	95
37) Ethyl Acetate	7.577	43	4011	1.090	ug/l #	79
38) Carbon Tetrachloride	8.365	117	3312	1.017	ug/l #	92
39) Methylcyclohexane	9.600	83	2683	0.882	ug/l	91
40) Benzene	8.612	78	8751	0.980	ug/l	92
41) Methacrylonitrile	7.783	41	1789	0.951	ug/l #	94
42) 1,2-Dichloroethane	8.671	62	3304	0.973	ug/l	83
43) Isopropyl Acetate	8.688	43	9403m	1.381	ug/l	
44) Trichloroethene	9.359	130	2165	1.044	ug/l	71
45) 1,2-Dichloropropane	9.624	63	2336	1.016	ug/l #	79

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

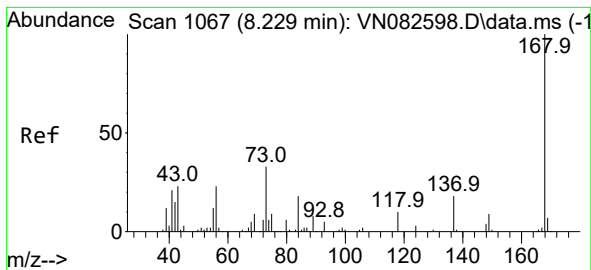
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	1543	0.990	ug/l	96
47) Bromodichloromethane	9.894	83	3229	0.972	ug/l #	94
48) Methyl methacrylate	9.683	41	2821	0.995	ug/l	89
49) 1,4-Dioxane	9.706	88	754	16.997	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	15757	4.465	ug/l	96
52) Toluene	10.635	92	5034	0.930	ug/l	91
53) t-1,3-Dichloropropene	10.841	75	3035	0.894	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	3017	0.859	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	1654	0.844	ug/l #	73
56) Ethyl methacrylate	10.871	69	2672	0.824	ug/l	89
57) 1,3-Dichloropropane	11.165	76	3549	0.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	7435	4.332	ug/l	92
59) 2-Hexanone	11.200	43	11451	4.270	ug/l	94
60) Dibromochloromethane	11.359	129	2170	0.908	ug/l	93
61) 1,2-Dibromoethane	11.471	107	2017	0.977	ug/l	97
64) Tetrachloroethene	11.112	164	2411	1.201	ug/l #	73
65) Chlorobenzene	11.894	112	5565	0.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1998	1.003	ug/l #	65
67) Ethyl Benzene	11.965	91	8421	0.885	ug/l	94
68) m/p-Xylenes	12.071	106	5844	1.651	ug/l	98
69) o-Xylene	12.400	106	2760	0.830	ug/l	99
70) Styrene	12.418	104	4367	0.774	ug/l	93
71) Bromoform	12.571	173	1534	0.974	ug/l #	91
73) Isopropylbenzene	12.700	105	6921	0.937	ug/l	99
74) N-amyl acetate	12.494	43	3870	0.982	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	2738	1.136	ug/l #	92
76) 1,2,3-Trichloropropane	13.000	75	2728m	1.211	ug/l	
77) Bromobenzene	12.976	156	2127	1.119	ug/l	94
78) n-propylbenzene	13.035	91	7871	0.901	ug/l	97
79) 2-Chlorotoluene	13.123	91	5402	0.986	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	4894	0.816	ug/l	99
82) 4-Chlorotoluene	13.223	91	5082	0.928	ug/l	99
83) tert-Butylbenzene	13.441	119	4647	0.910	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	4834	0.804	ug/l	93
85) sec-Butylbenzene	13.618	105	6483	0.894	ug/l	95
86) p-Isopropyltoluene	13.729	119	4649	0.796	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	3491	1.013	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	4325m	1.248	ug/l	
89) n-Butylbenzene	14.059	91	4594	0.887	ug/l	98
90) Hexachloroethane	14.341	117	1330	1.047	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	3586	1.065	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	479	0.939	ug/l	85
93) 1,2,4-Trichlorobenzene	15.406	180	1853	1.044	ug/l	95
94) Hexachlorobutadiene	15.506	225	1165	1.331	ug/l	77
95) Naphthalene	15.641	128	5017	0.919	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2020	1.117	ug/l	88

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

Manual Integrations

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QLast Update : Tue Jun 18 04:36:51 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:168 Resp: 16379

Ion Ratio Lower Upper

168 100

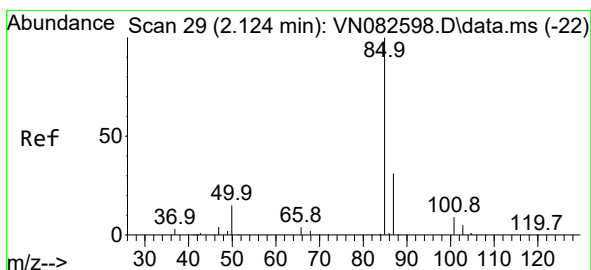
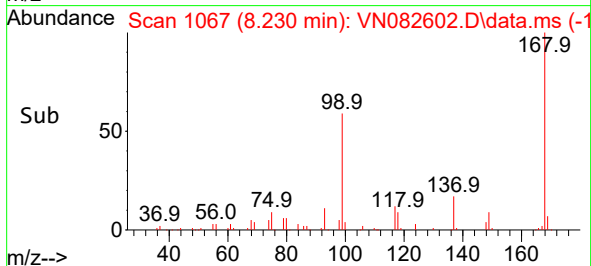
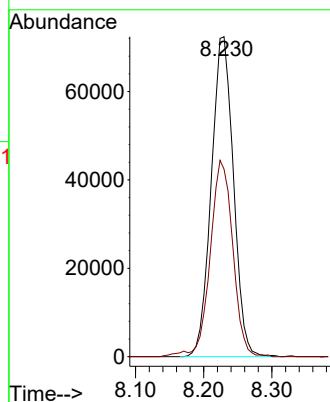
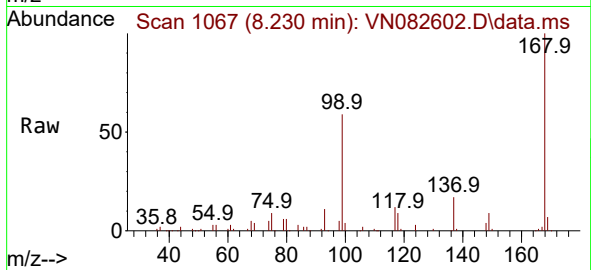
99 58.6 48.2 72.4

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#2

Dichlorodifluoromethane

Concen: 0.997 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082602.D

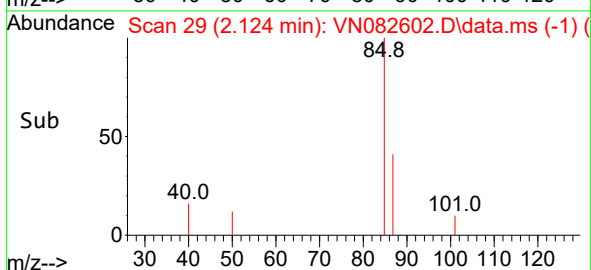
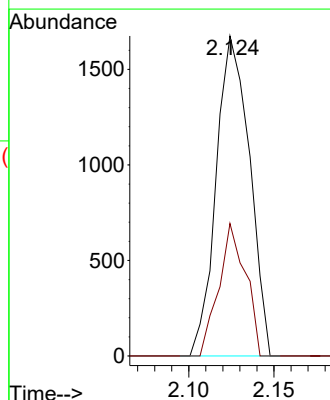
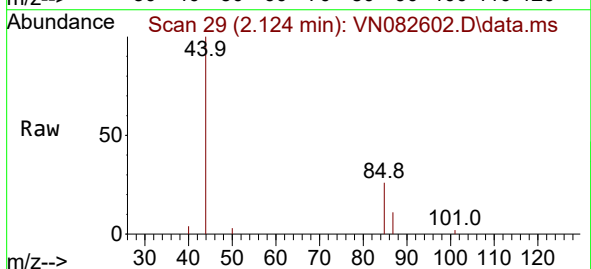
Acq: 17 Jun 2024 11:41

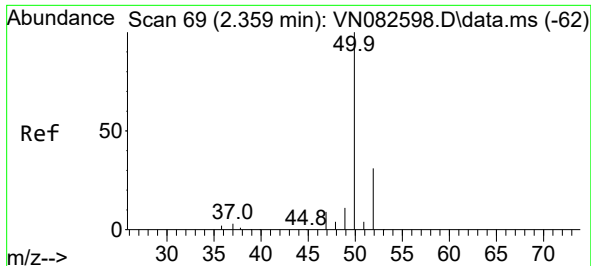
Tgt Ion: 85 Resp: 2280

Ion Ratio Lower Upper

85 100

87 41.4 15.7 47.0





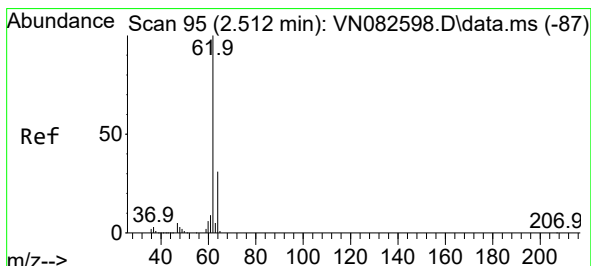
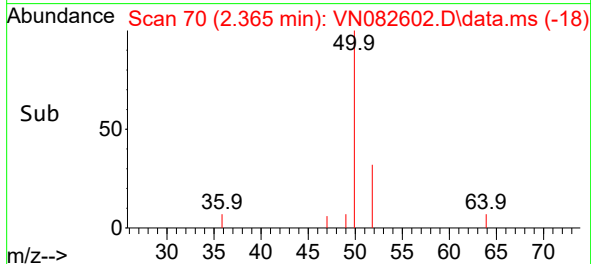
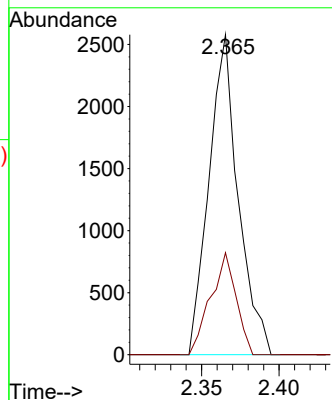
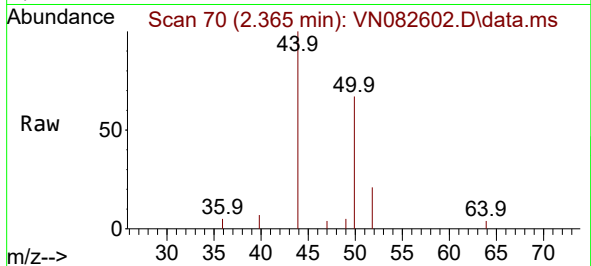
#3
Chloromethane
Concen: 1.232 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 3379
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4

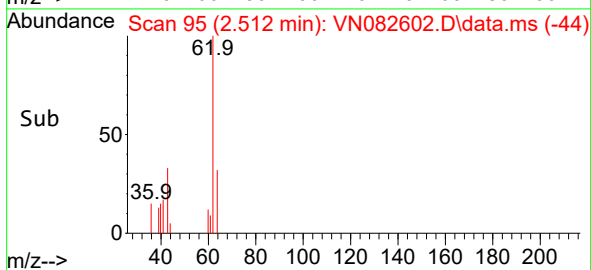
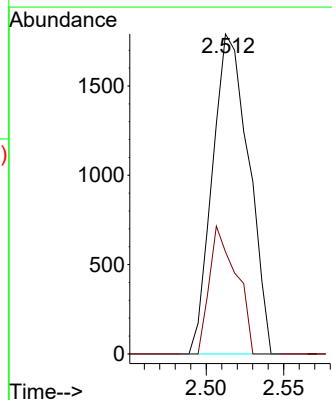
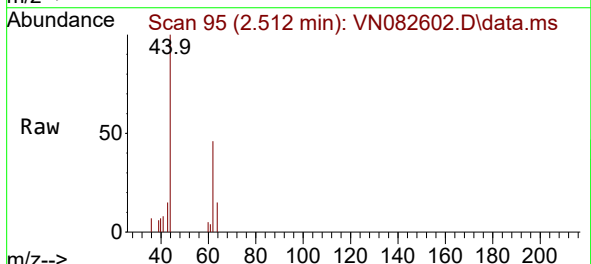
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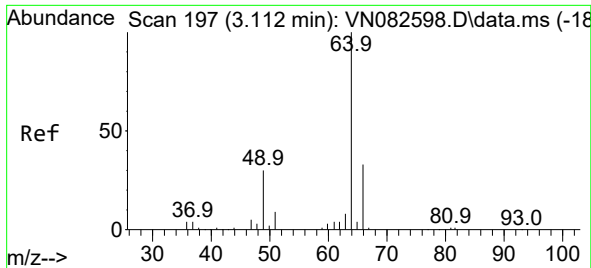
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#4
Vinyl Chloride
Concen: 1.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

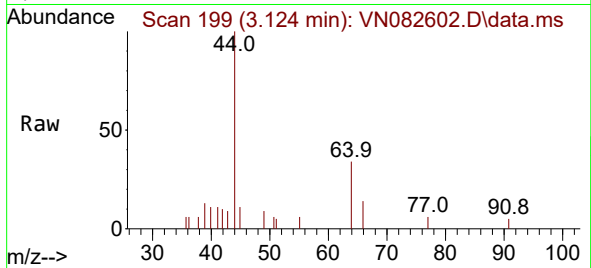
Tgt Ion: 62 Resp: 2916
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





#6
Chloroethane
Concen: 1.287 ug/l
RT: 3.124 min Scan# 197
Delta R.T. 0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

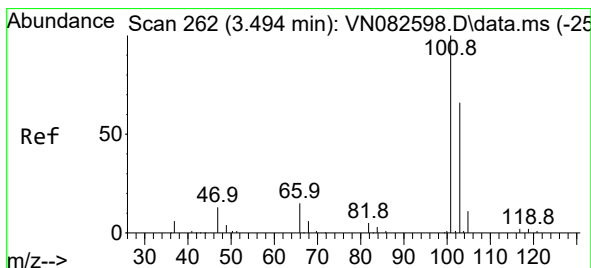
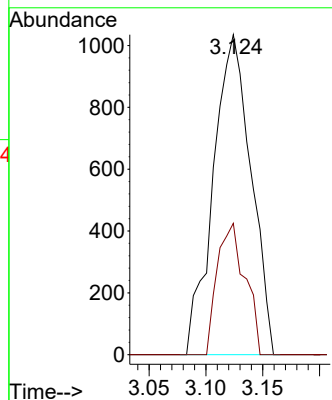
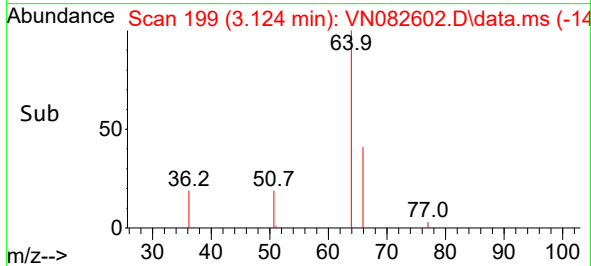
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 41.1 26.6 40.0

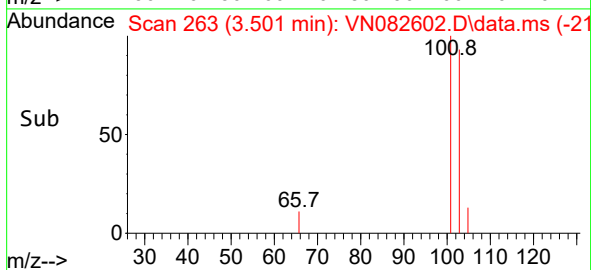
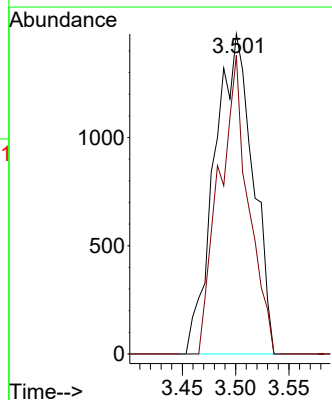
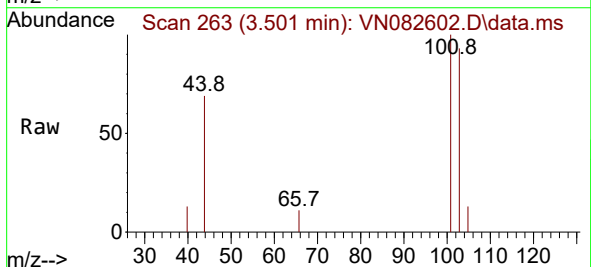
Manual Integrations
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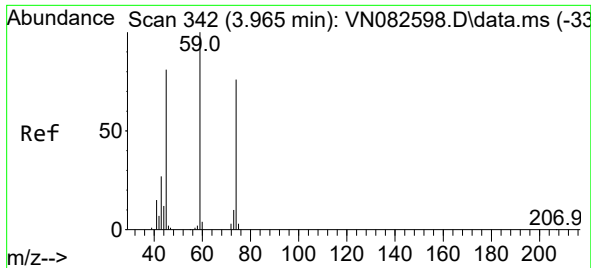
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#7
Trichlorofluoromethane
Concen: 1.092 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

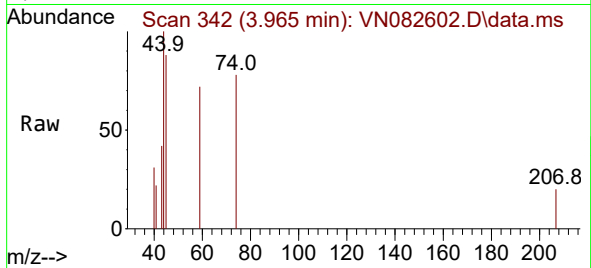
Tgt Ion:101 Resp: 3717
Ion Ratio Lower Upper
101 100
103 93.3 52.7 79.1





#8
Diethyl Ether
Concen: 0.943 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

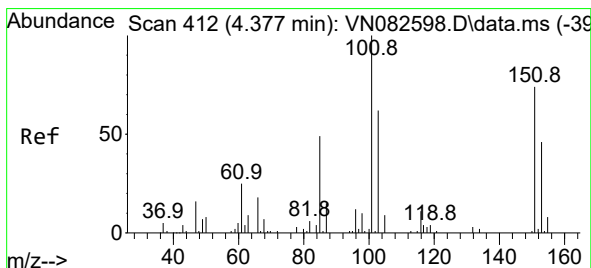
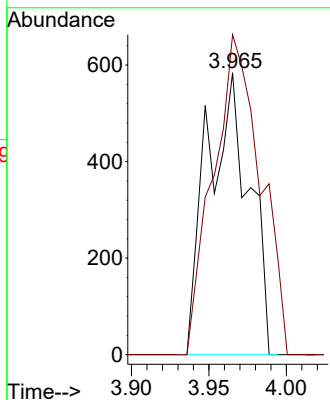
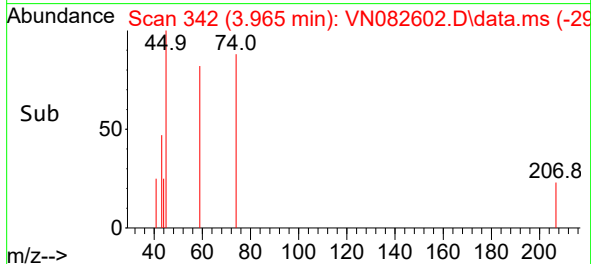
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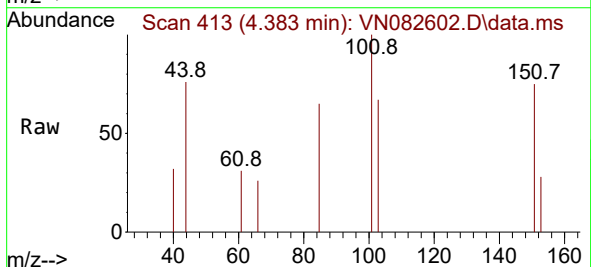
Tgt Ion: 74 Resp: 109
Ion Ratio Lower Upper
74 100
45 128.4 55.5 166.3

Manual Integrations
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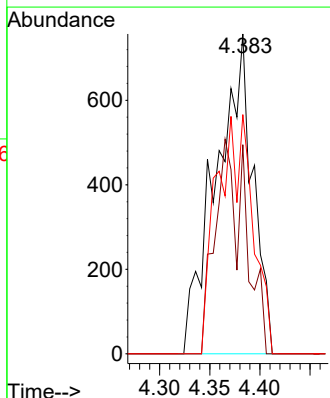
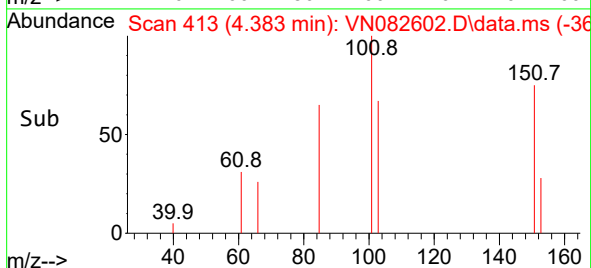
Reviewed By :John Carlone 06/18/2024
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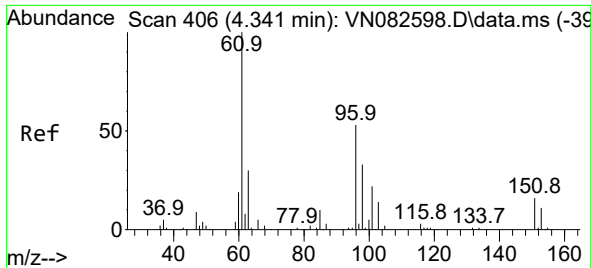


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.012 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



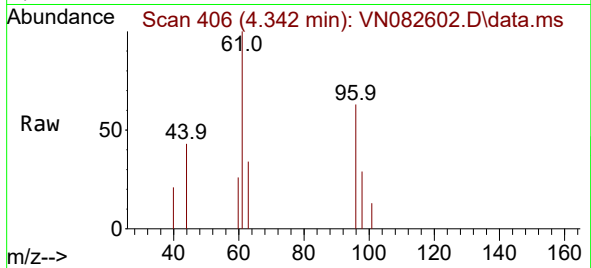
Tgt Ion:101 Resp: 1929
Ion Ratio Lower Upper
101 100
85 54.7 38.3 57.5
151 72.4 59.3 88.9





#12
1,1-Dichloroethene
Concen: 1.167 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082602.D
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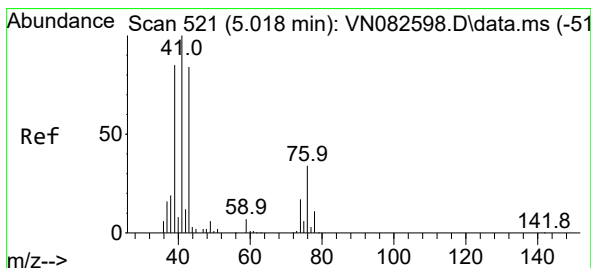
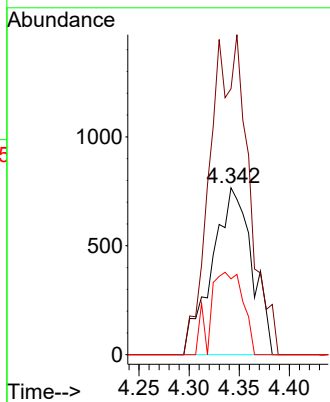
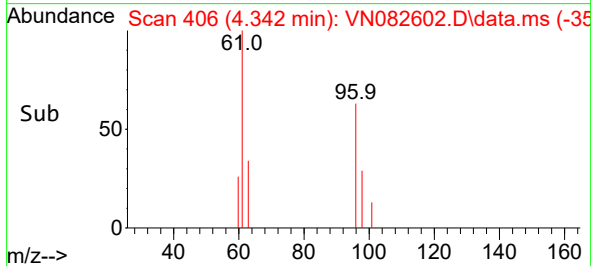
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 2128
Ion Ratio Lower Upper
96 100
61 159.4 149.7 224.5
98 45.4 50.1 75.1

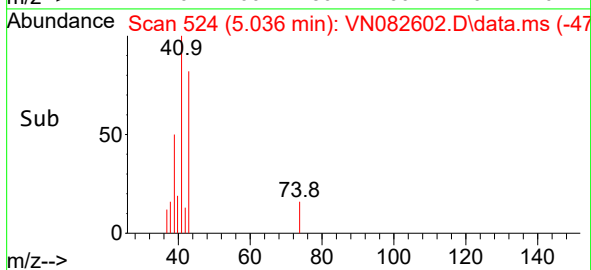
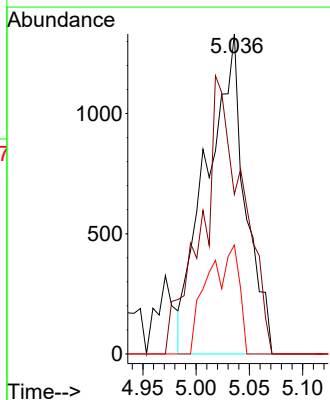
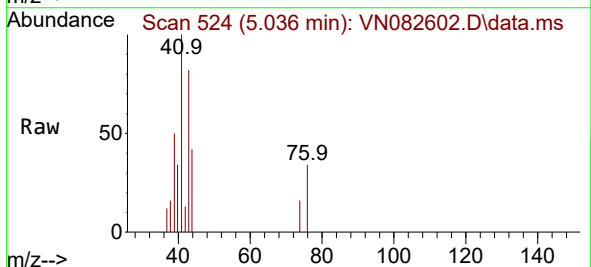
Manual Integrations
APPROVED

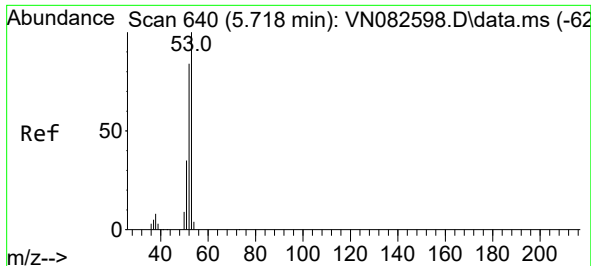
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#14
Allyl chloride
Concen: 0.942 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 41 Resp: 3361
Ion Ratio Lower Upper
41 100
39 0.0 67.8 101.6#
76 11.9 25.8 38.8#





#15

Acrylonitrile

Concen: 5.577 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

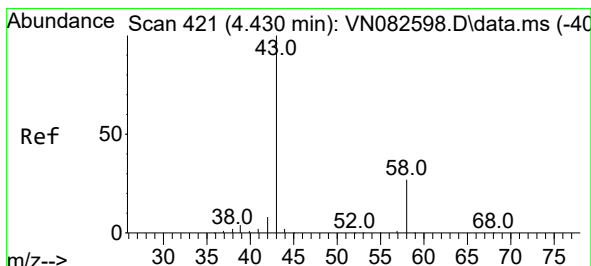
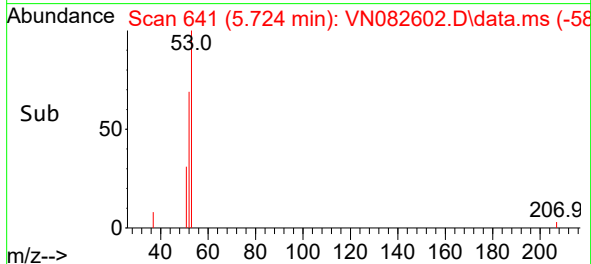
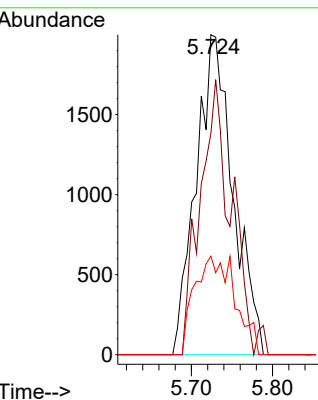
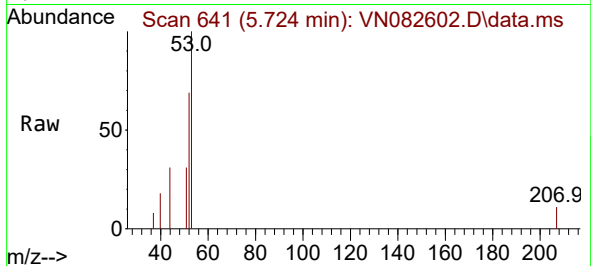
Tgt Ion: 53	Resp: 6328
Ion Ratio	Lower Upper
53 100	
52 57.5	66.6 100.0
51 33.8	30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#16

Acetone

Concen: 5.946 ug/l

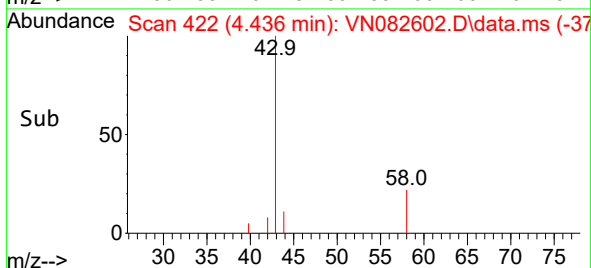
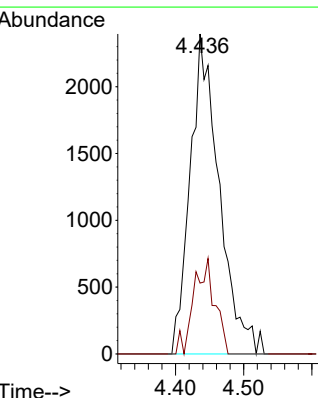
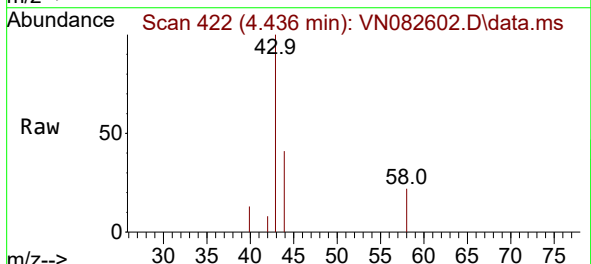
RT: 4.436 min Scan# 422

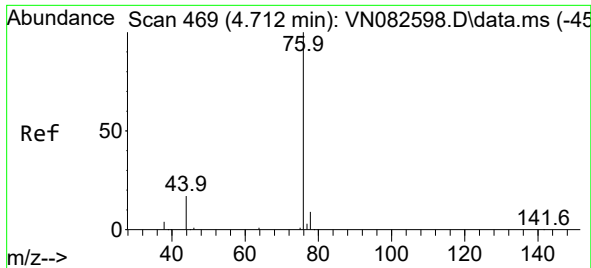
Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion: 43	Resp: 7103
Ion Ratio	Lower Upper
43 100	
58 22.1	21.8 32.6





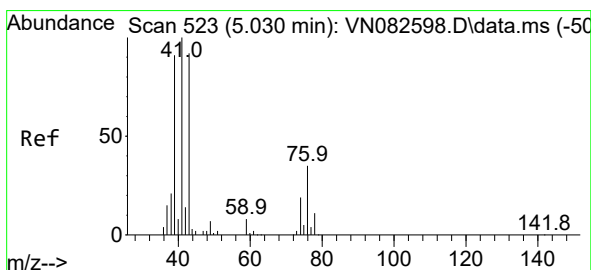
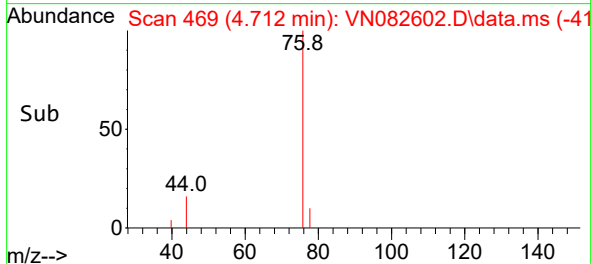
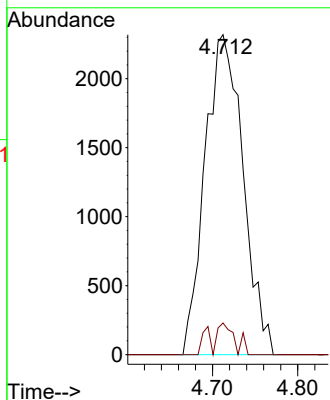
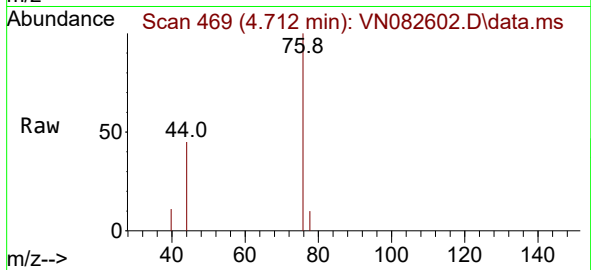
#17
Carbon Disulfide
Concen: 1.241 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 7180
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

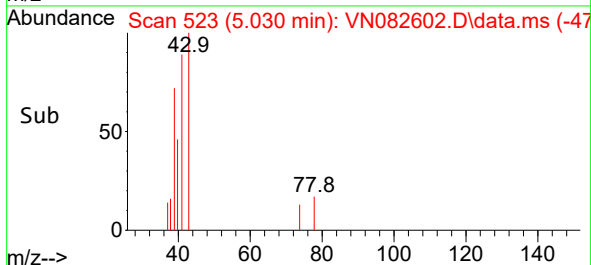
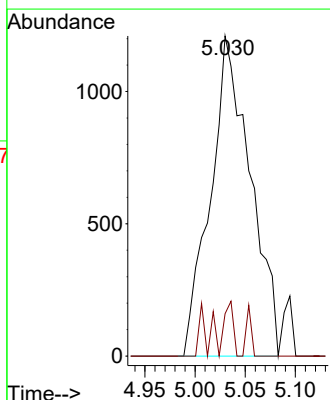
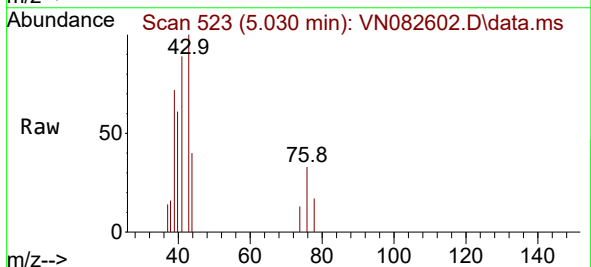
Manual Integrations
APPROVED

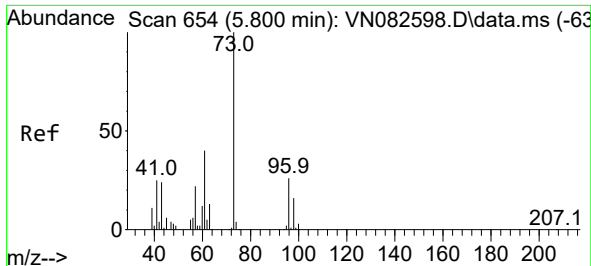
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
74 3.9 16.3 24.5#





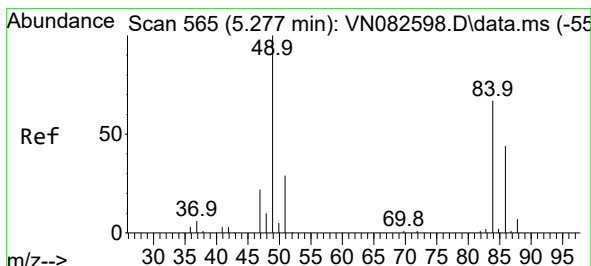
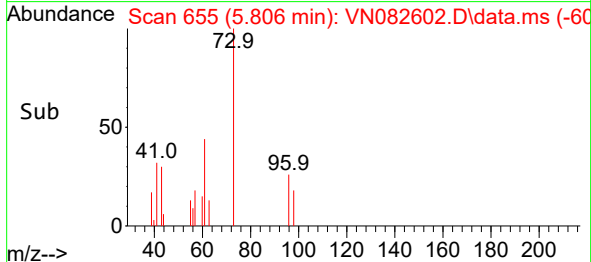
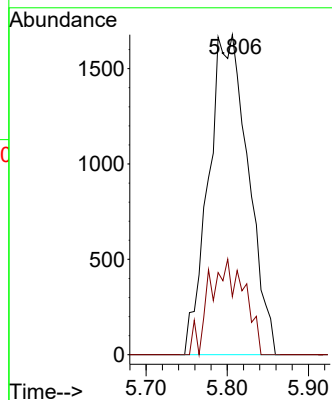
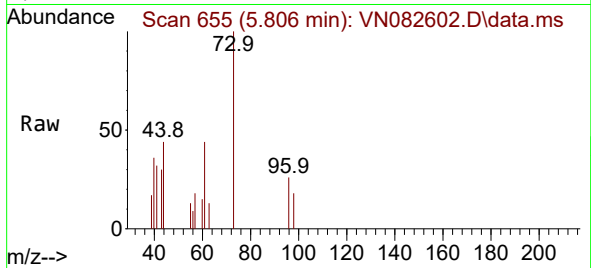
#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 5690
Ion Ratio Lower Upper
73 100
57 18.2 17.9 26.9

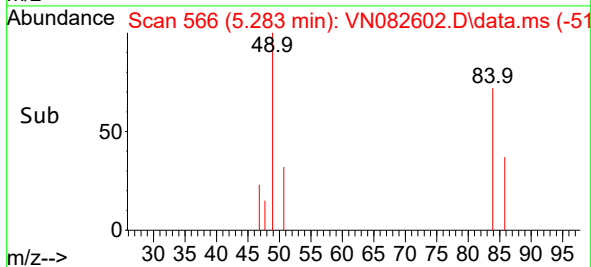
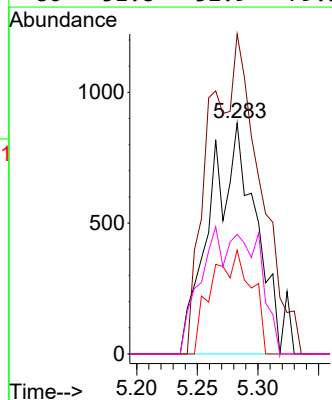
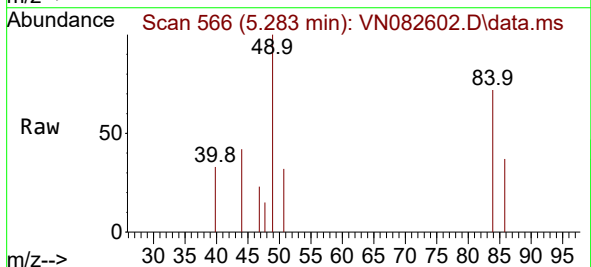
Manual Integrations
APPROVED

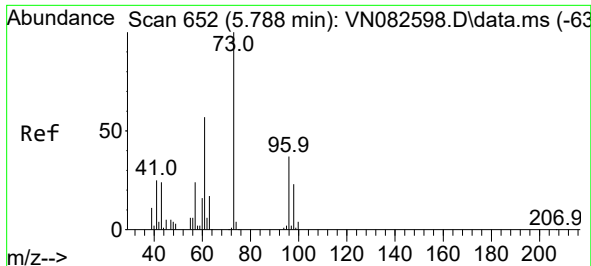
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Methylene Chloride
Concen: 1.073 ug/l m
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

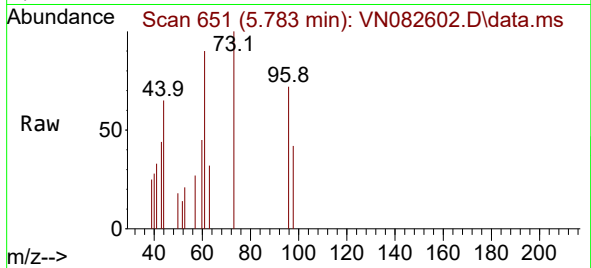
Tgt Ion: 84 Resp: 2269
Ion Ratio Lower Upper
84 100
49 138.5 119.6 179.4
51 44.8 34.8 52.2
86 51.8 52.9 79.3#





#21
trans-1,2-Dichloroethene
Concen: 1.013 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

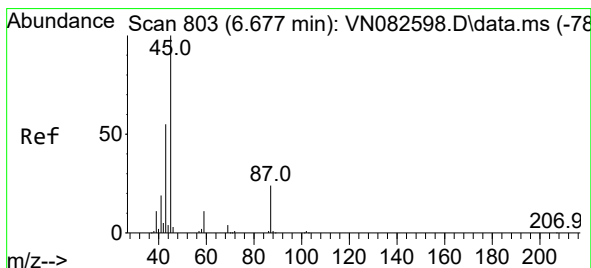
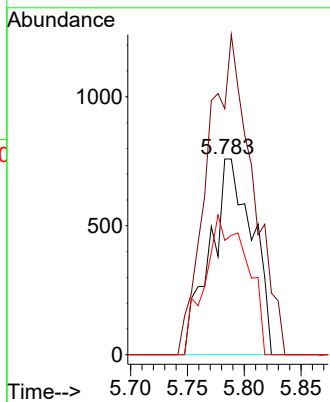
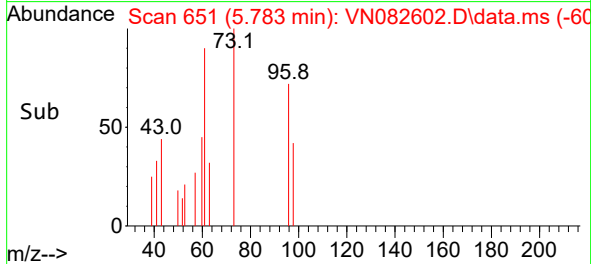
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 196
Ion Ratio Lower Upper
96 100
61 125.7 123.4 185.2
98 58.4 49.3 73.9

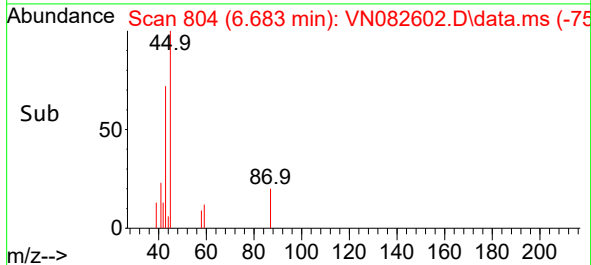
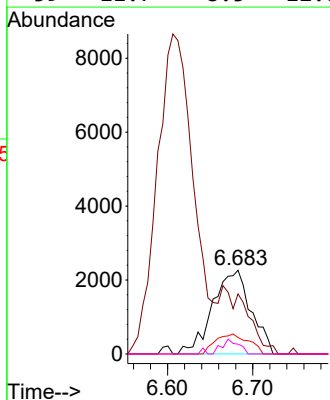
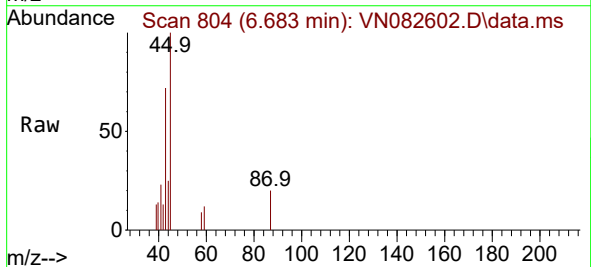
Manual Integrations
APPROVED

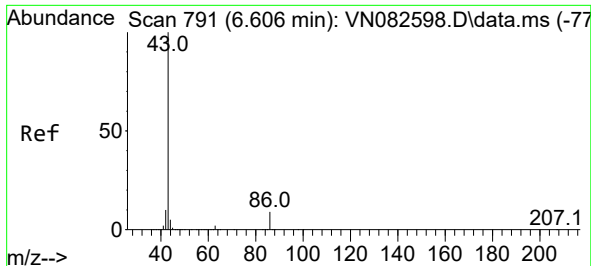
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#22
Diisopropyl ether
Concen: 0.943 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

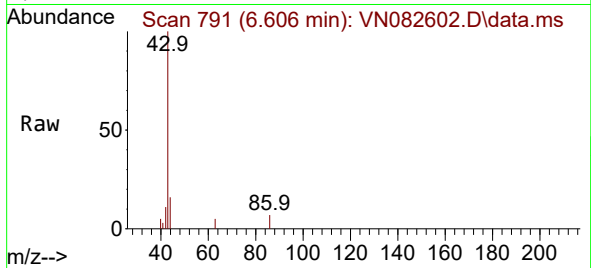
Tgt Ion: 45 Resp: 7057
Ion Ratio Lower Upper
45 100
43 71.8 44.0 66.0#
87 19.8 19.7 29.5
59 11.7 8.5 12.7





#23
 Vinyl Acetate
 Concen: 4.382 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

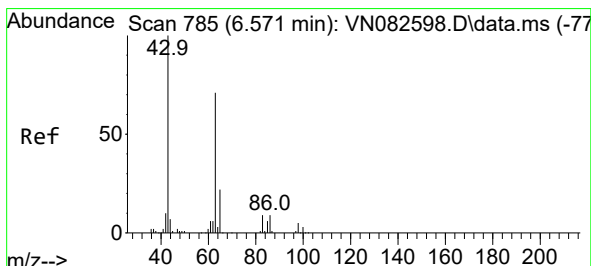
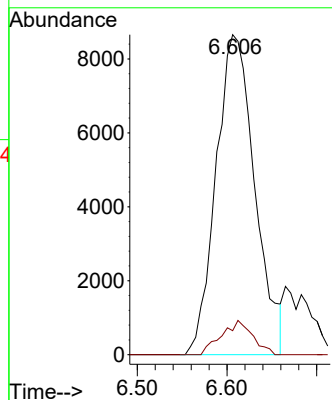
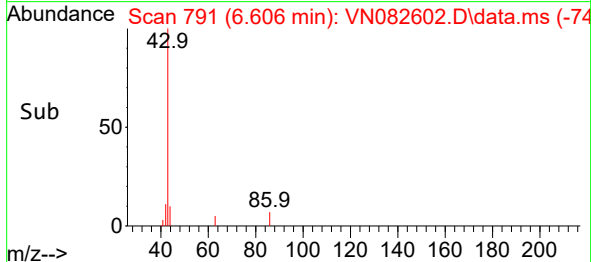
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



Tgt Ion: 43 Resp: 2598
 Ion Ratio Lower Upper
 43 100
 86 7.5 7.3 10.9

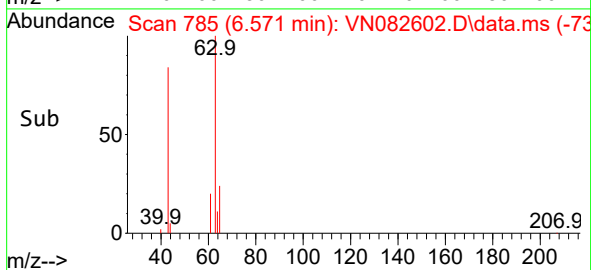
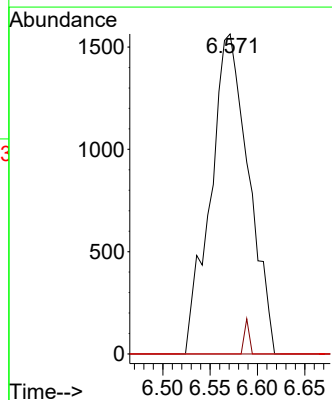
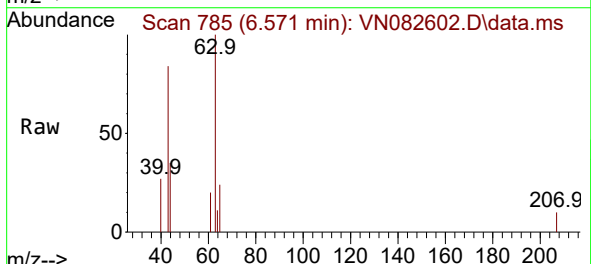
Manual Integrations
 APPROVED

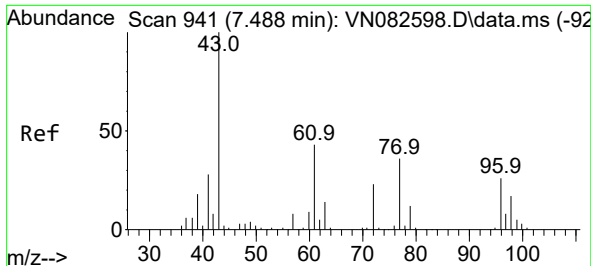
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#24
 1,1-Dichloroethane
 Concen: 1.081 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 63 Resp: 4379
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.0 6.0#





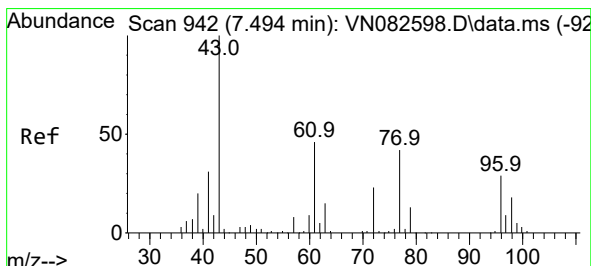
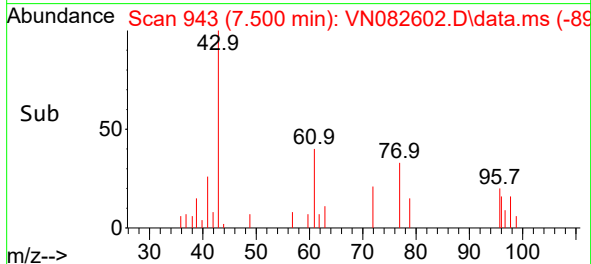
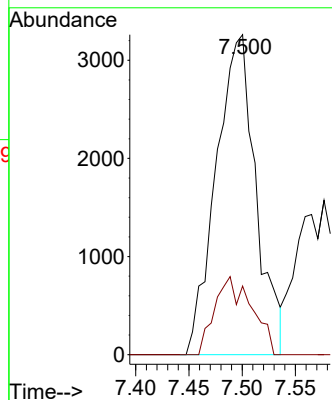
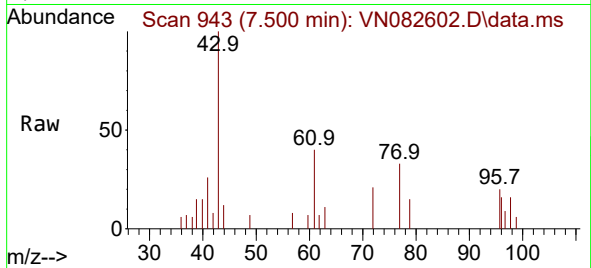
#25
2-Butanone
Concen: 4.996 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
72 21.4 18.2 27.2

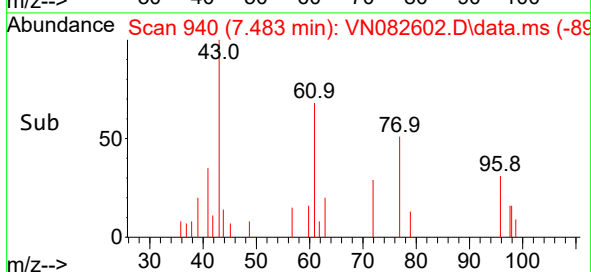
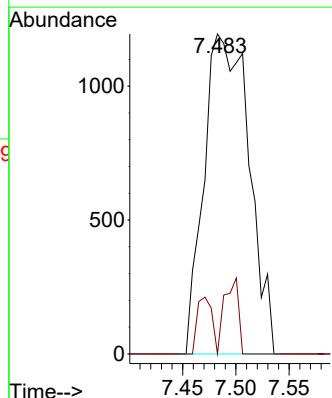
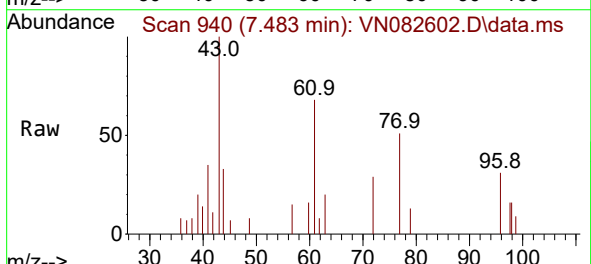
Manual Integrations
APPROVED

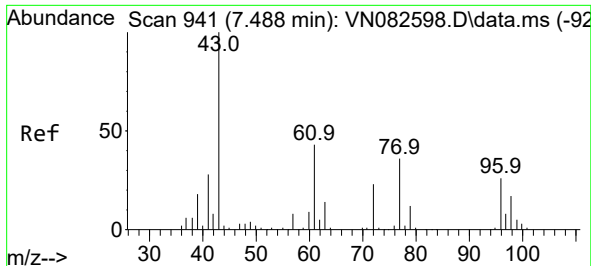
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#26
2,2-Dichloropropane
Concen: 0.999 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 77 Resp: 3512
Ion Ratio Lower Upper
77 100
97 5.8 10.3 30.9#





#27
 cis-1,2-Dichloroethene
 Concen: 1.070 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

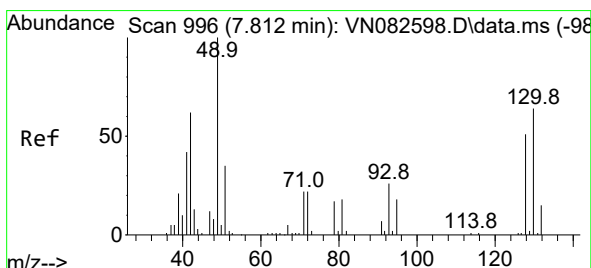
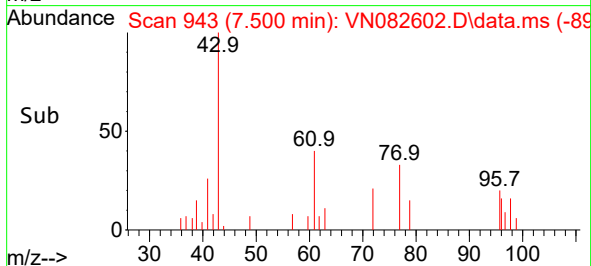
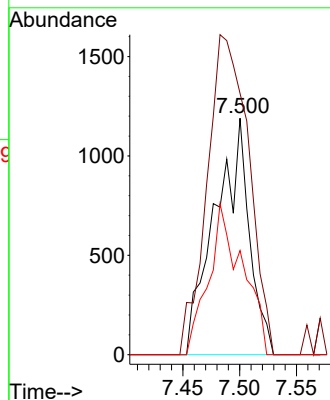
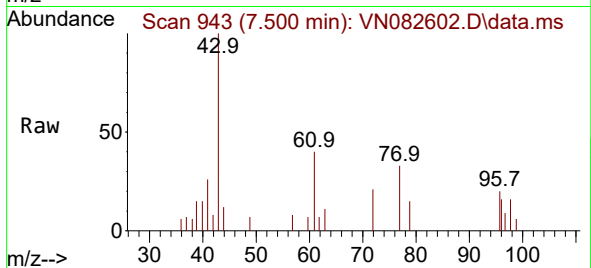
Tgt Ion: 96 Resp: 2499
 Ion Ratio Lower Upper
 96 100
 61 163.8 0.0 329.6
 98 63.2 0.0 128.6

Manual Integrations

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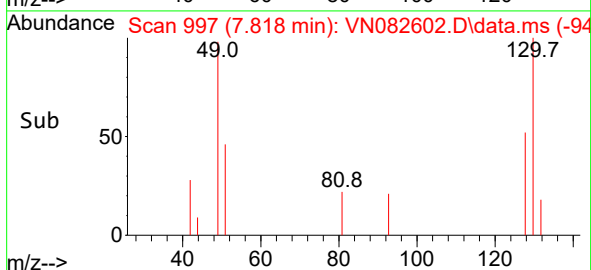
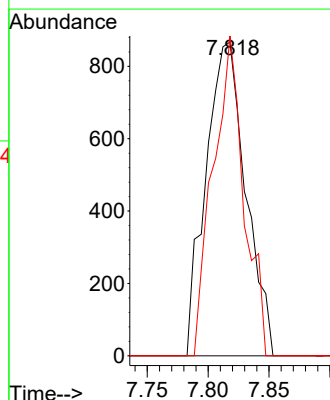
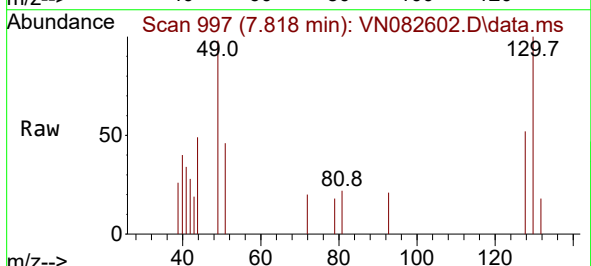
Reviewed By :John Carlone 06/18/2024

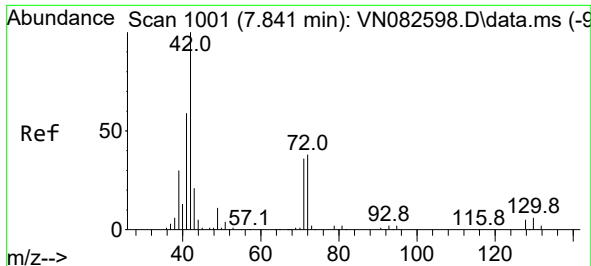
Supervised By :Mahesh Dadoda 06/18/2024



#28
 Bromochloromethane
 Concen: 1.069 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 49 Resp: 1976
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 78.9 50.5 75.7#





#29

Tetrahydrofuran

Concen: 4.653 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 42 Resp: 4830

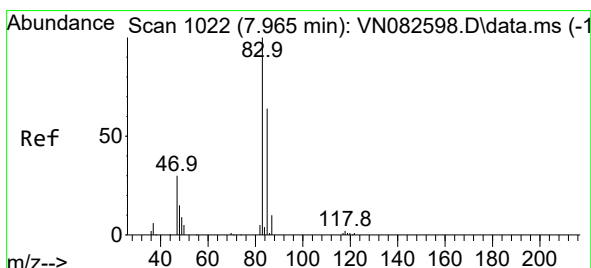
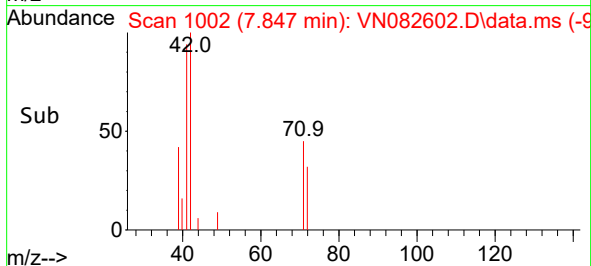
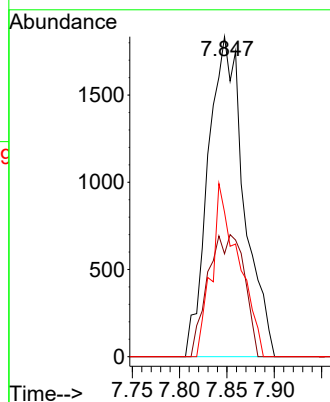
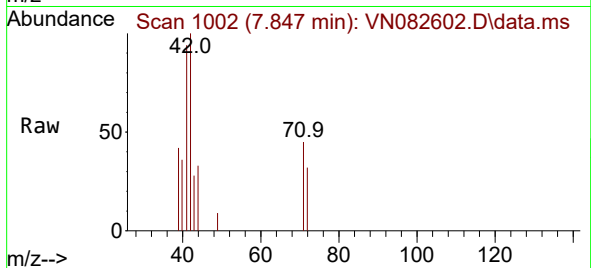
Ion	Ratio	Lower	Upper
42	100		
72	38.8	30.0	45.0
71	40.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#30

Chloroform

Concen: 1.050 ug/l

RT: 7.971 min Scan# 1023

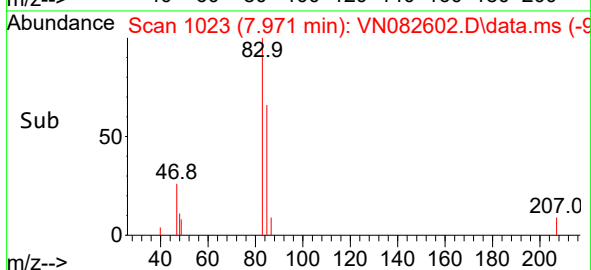
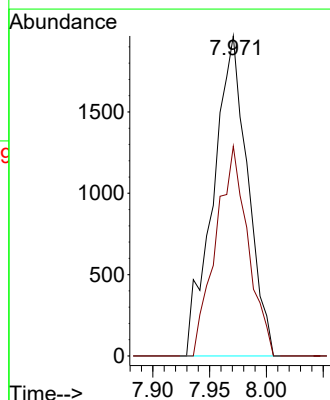
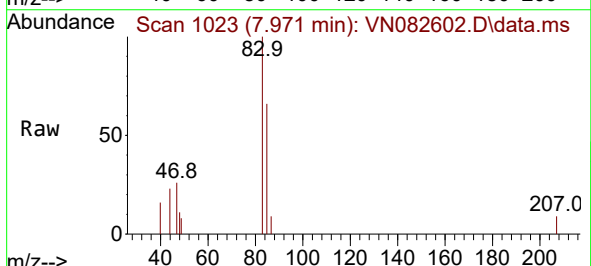
Delta R.T. 0.006 min

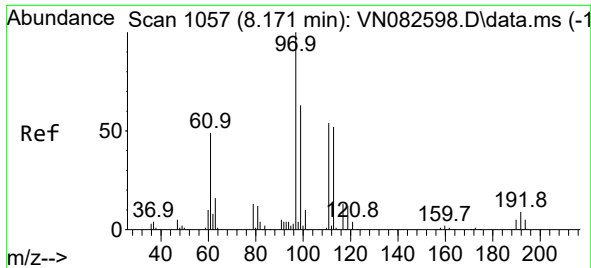
Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion: 83 Resp: 4152

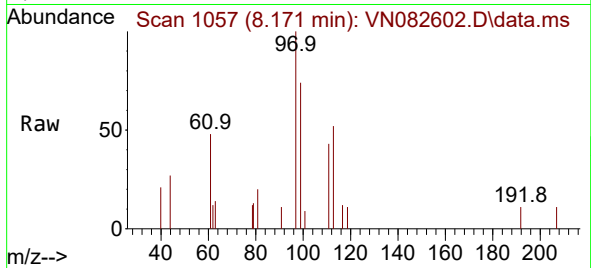
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.9	76.3





#32
 1,1,1-Trichloroethane
 Concen: 1.083 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

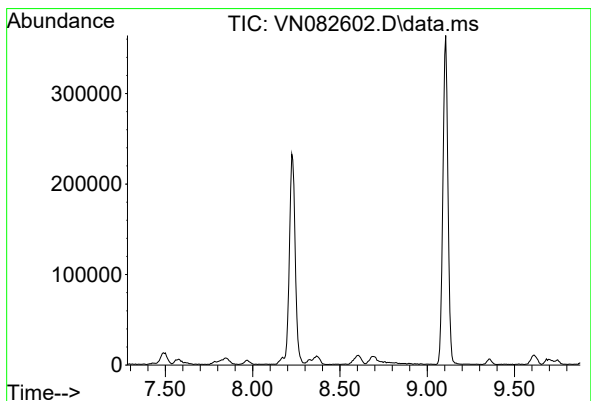
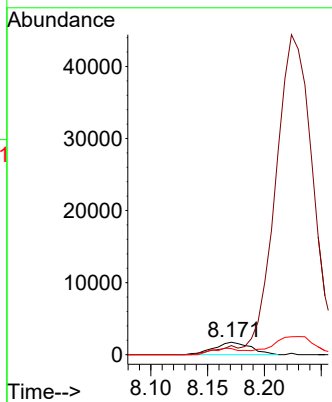
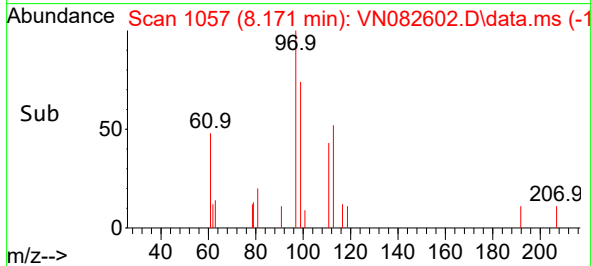


Tgt Ion: 97 Resp: 388

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0
61	45.8	42.1	63.1

Manual Integrations
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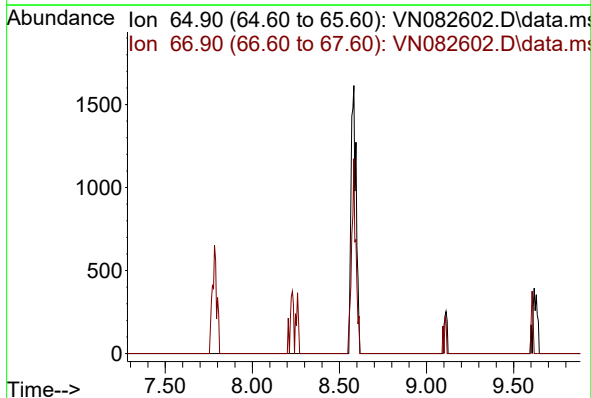
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

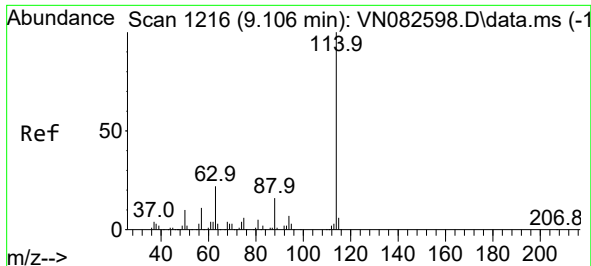


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	52.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082602.D

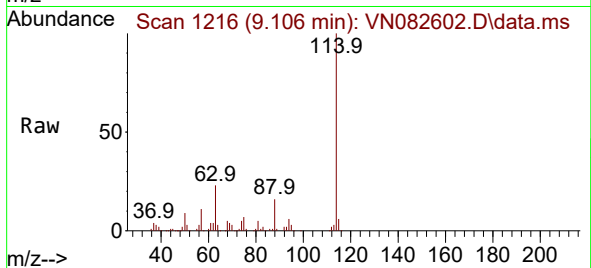
Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



Tgt Ion:114 Resp: 284974

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

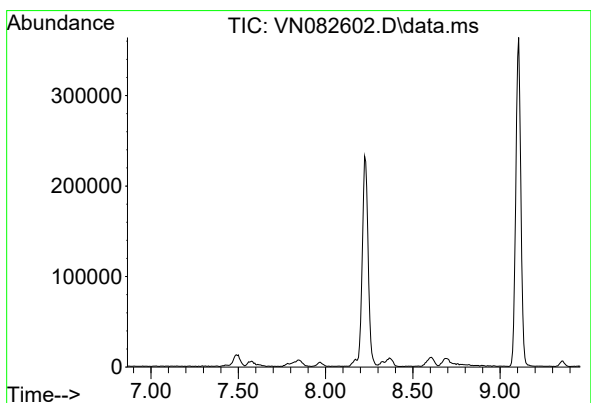
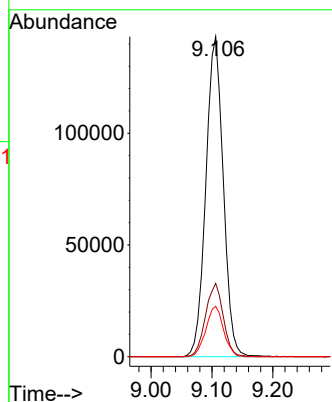
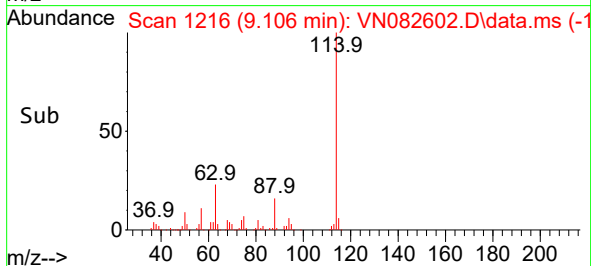
88 15.7 0.0 31.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

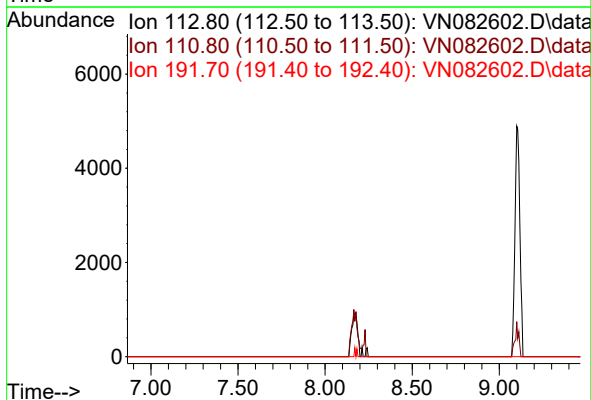
Tgt Ion: 113

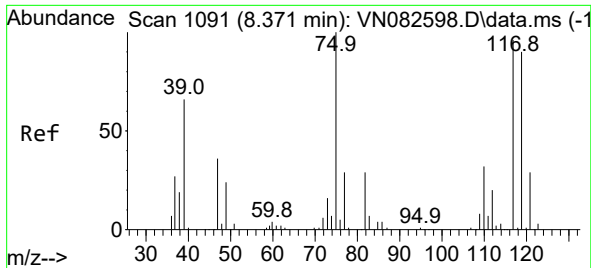
Sig Exp Ratio

113 100

111 103.0

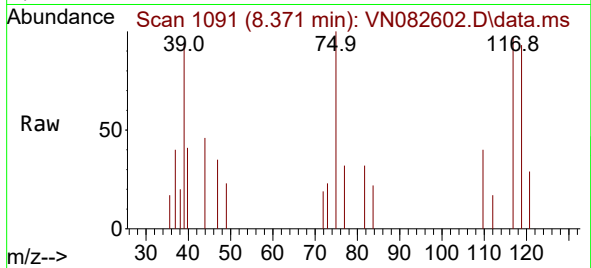
192 18.6





#36
1,1-Dichloropropene
Concen: 0.922 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

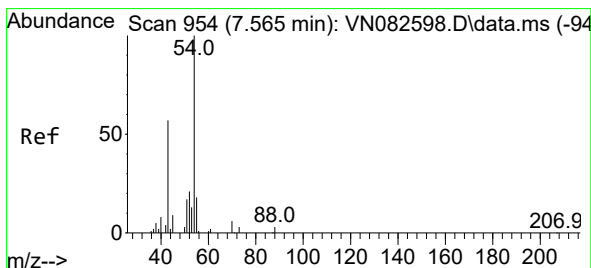
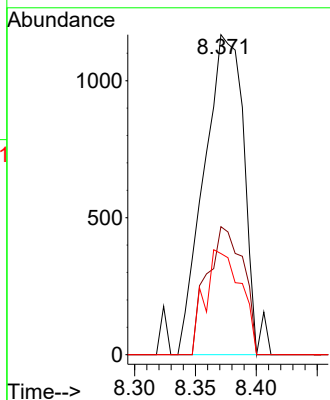
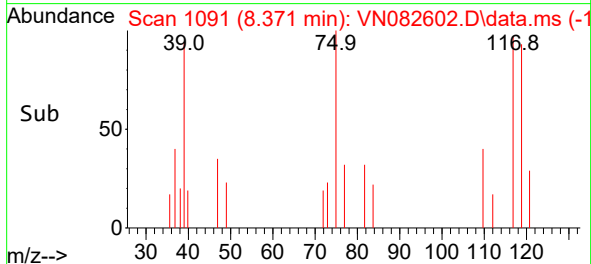
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



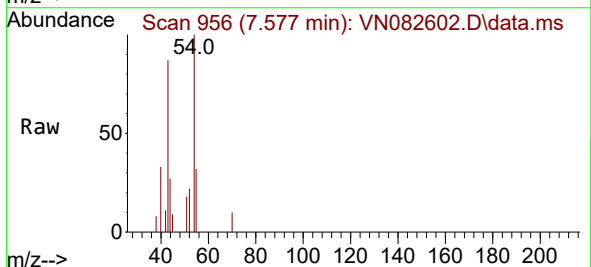
Tgt Ion: 75 Resp: 266
Ion Ratio Lower Upper
75 100
110 36.5 16.3 48.9
77 29.3 24.6 37.0

Manual Integrations
APPROVED

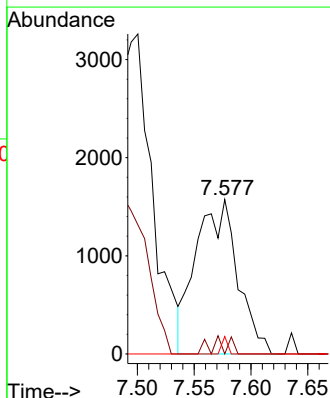
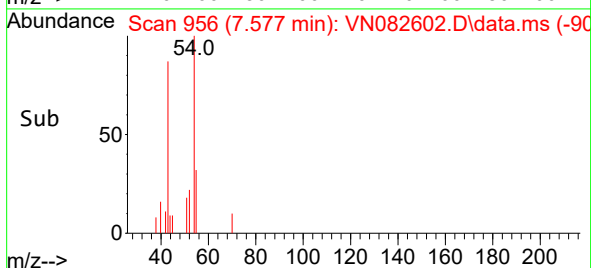
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

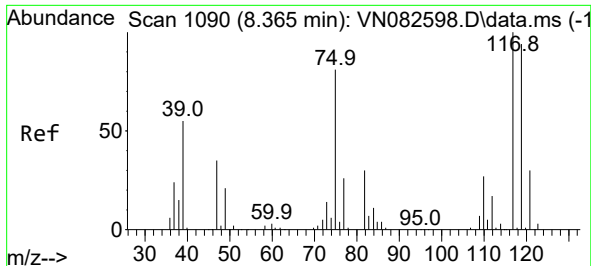


#37
Ethyl Acetate
Concen: 1.090 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



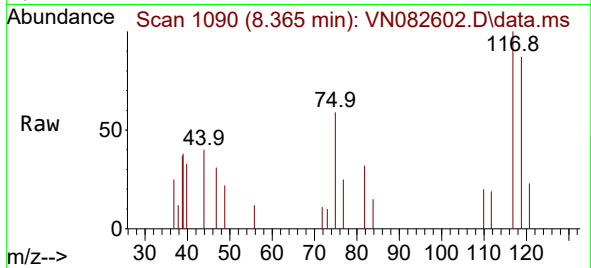
Tgt Ion: 43 Resp: 4011
Ion Ratio Lower Upper
43 100
61 3.2 9.3 13.9#
70 1.5 7.0 10.6#





#38
Carbon Tetrachloride
Concen: 1.017 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

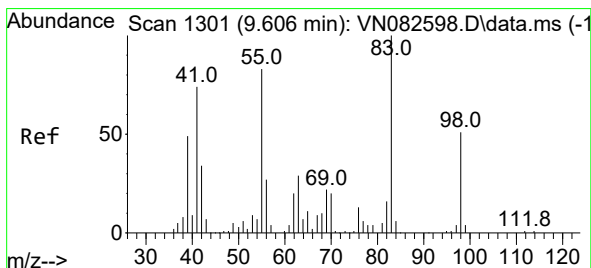
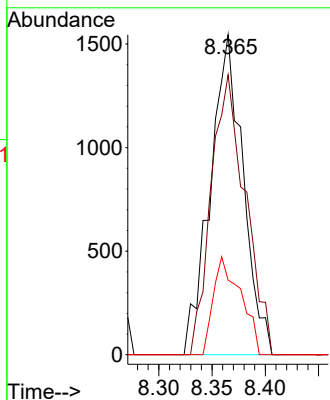
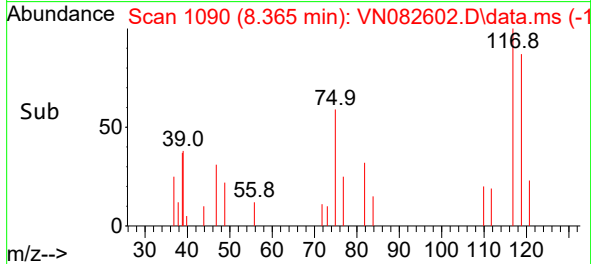
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



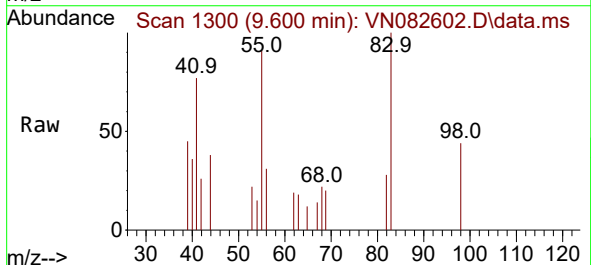
Tgt Ion:117 Resp: 3312
Ion Ratio Lower Upper
117 100
119 87.4 74.9 112.3
121 23.3 24.3 36.5

Manual Integrations
APPROVED

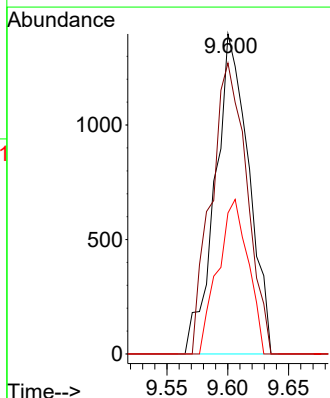
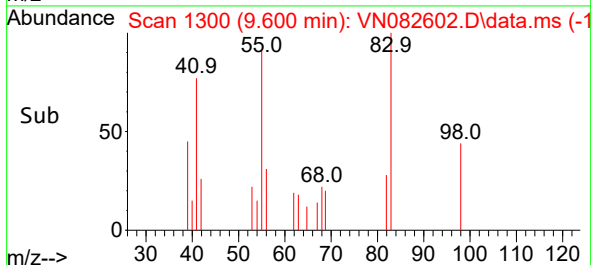
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

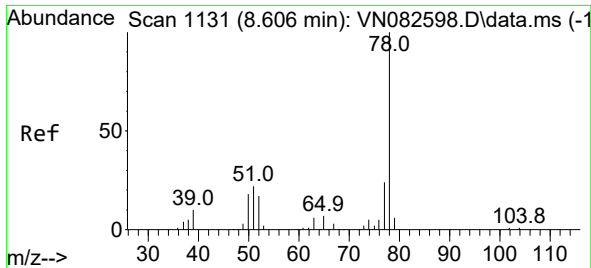


#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



Tgt Ion: 83 Resp: 2683
Ion Ratio Lower Upper
83 100
55 90.9 66.4 99.6
98 44.1 40.7 61.1





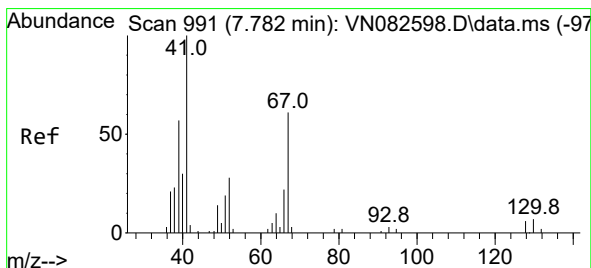
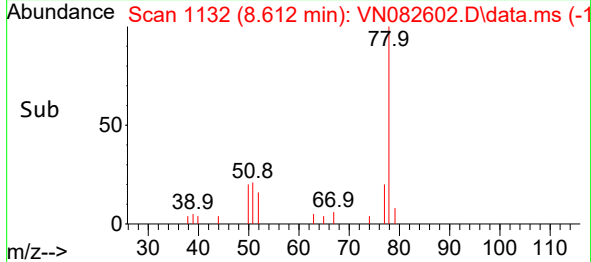
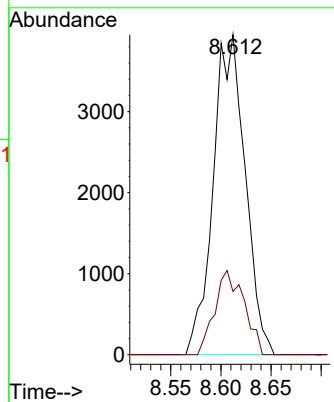
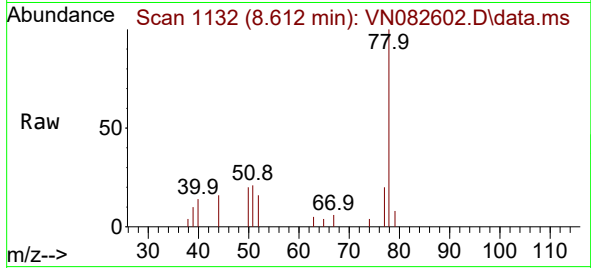
#40
Benzene
Concen: 0.980 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 875
Ion Ratio Lower Upper
78 100
77 19.8 19.0 28.4

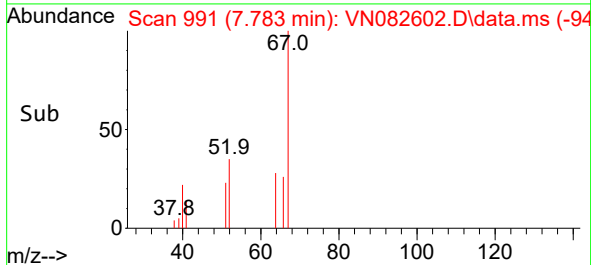
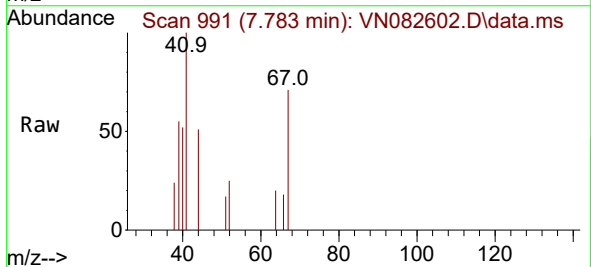
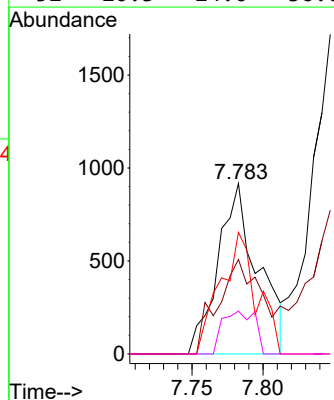
Manual Integrations
APPROVED

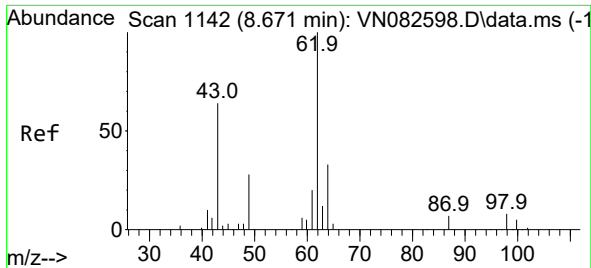
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#41
Methacrylonitrile
Concen: 0.951 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 41 Resp: 1789
Ion Ratio Lower Upper
41 100
39 59.0 45.5 68.3
67 65.1 50.5 75.7
52 20.3 24.0 36.0#





#42

1,2-Dichloroethane

Concen: 0.973 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

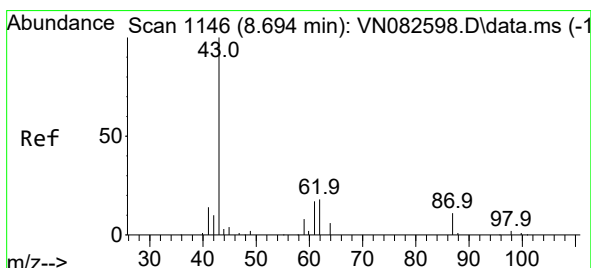
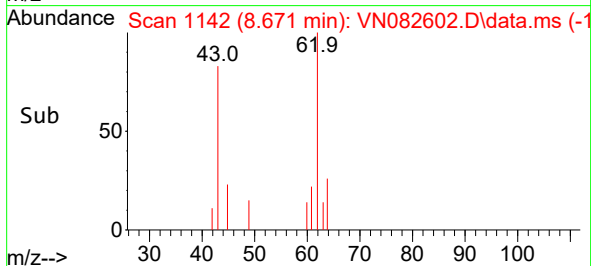
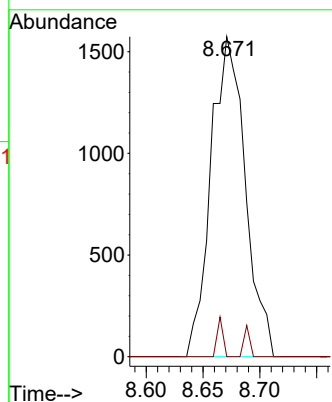
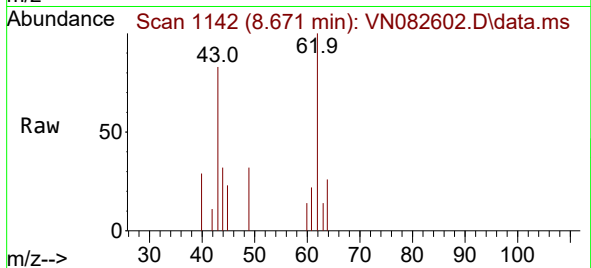
Tgt Ion: 62 Resp: 3304
 Ion Ratio Lower Upper
 62 100
 98 2.1 0.0 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#43

Isopropyl Acetate

Concen: 1.381 ug/l m

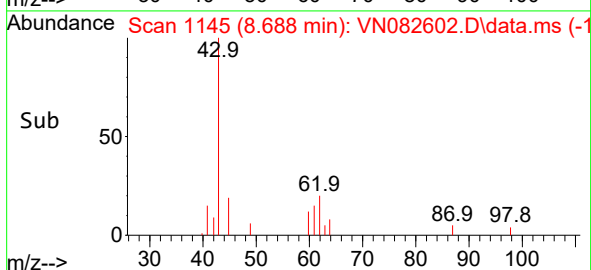
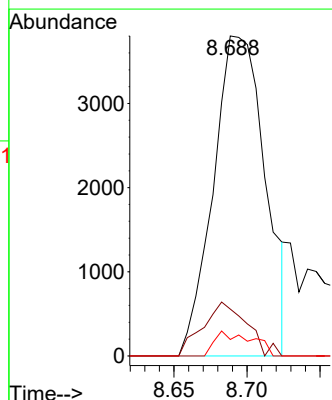
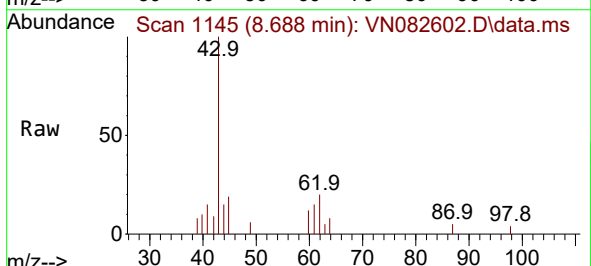
RT: 8.688 min Scan# 1145

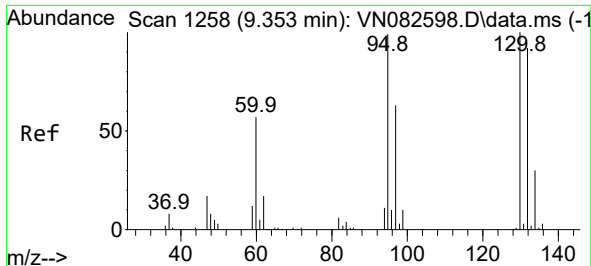
Delta R.T. -0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

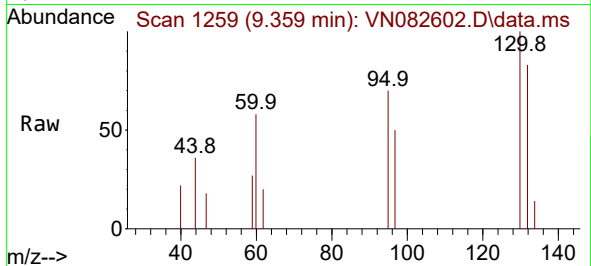
Tgt Ion: 43 Resp: 9403
 Ion Ratio Lower Upper
 43 100
 61 14.4 17.8 26.6#
 87 5.5 8.2 12.2#





#44
Trichloroethene
Concen: 1.044 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

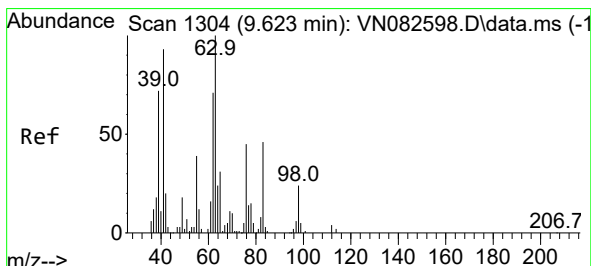
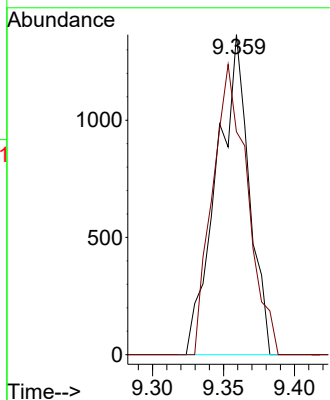
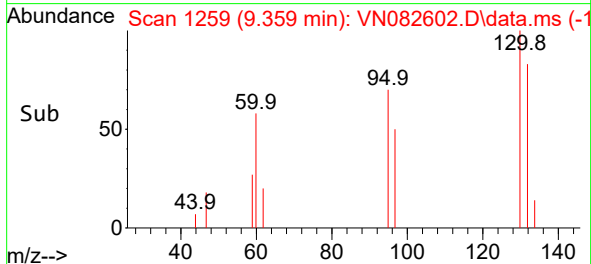
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



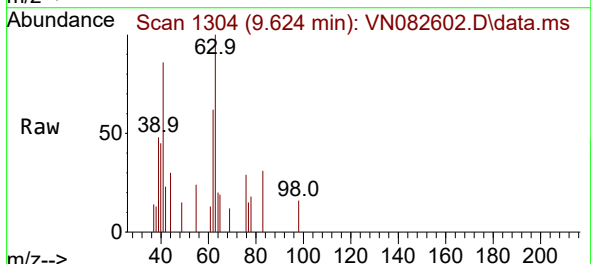
Tgt Ion:130 Resp: 216
Ion Ratio Lower Upper
130 100
95 69.7 0.0 197.8

Manual Integrations
APPROVED

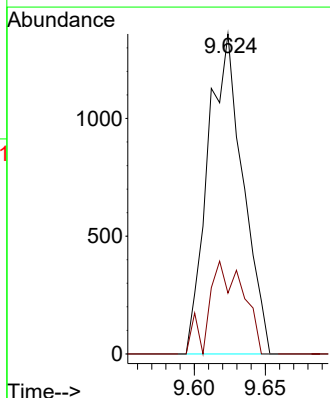
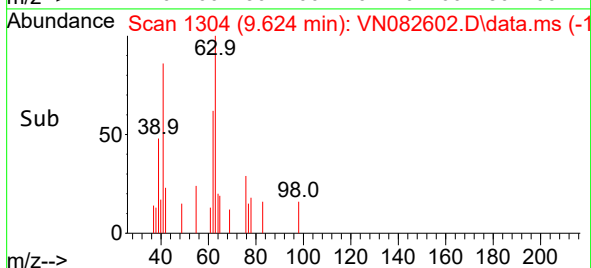
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

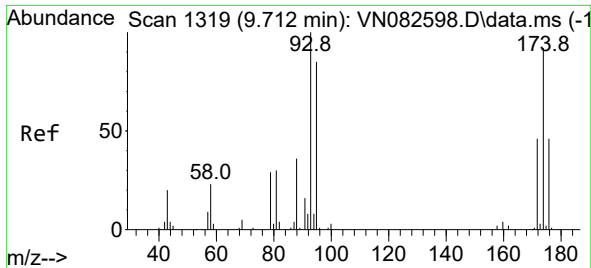


#45
1,2-Dichloropropane
Concen: 1.016 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



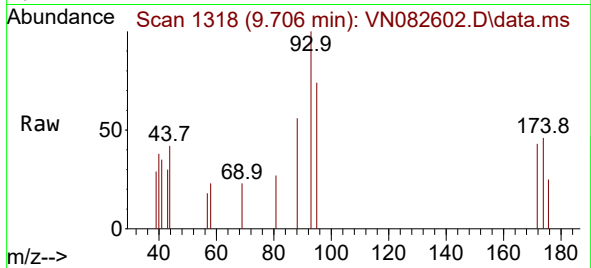
Tgt Ion: 63 Resp: 2336
Ion Ratio Lower Upper
63 100
65 19.0 24.4 36.6#





#46
Dibromomethane
Concen: 0.990 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

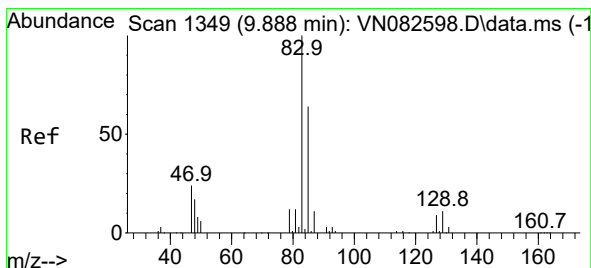
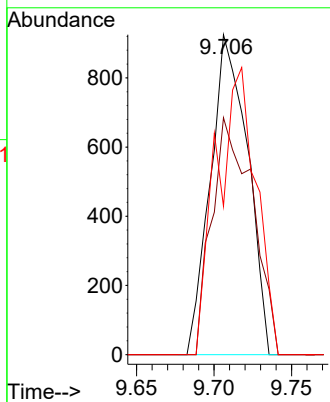
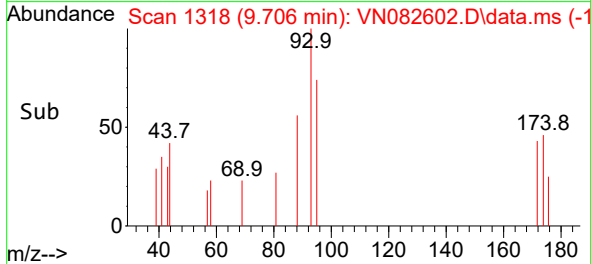
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



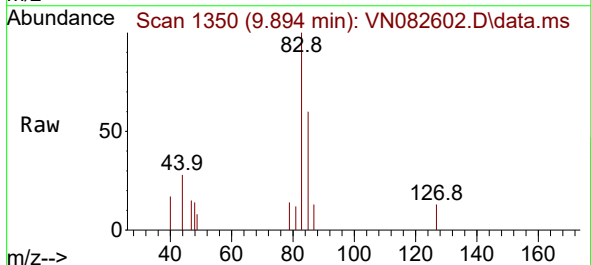
Tgt Ion: 93 Resp: 154
Ion Ratio Lower Upper
93 100
95 81.1 65.8 98.6
174 95.4 71.7 107.5

Manual Integrations
APPROVED

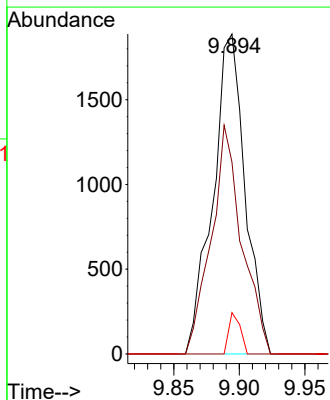
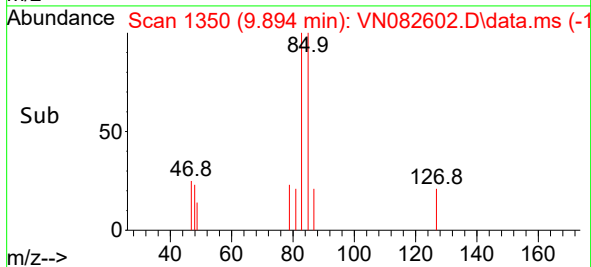
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

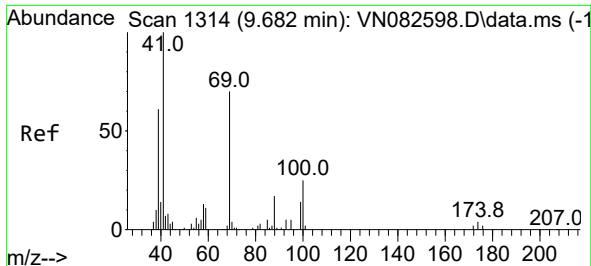


#47
Bromodichloromethane
Concen: 0.972 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



Tgt Ion: 83 Resp: 3229
Ion Ratio Lower Upper
83 100
85 60.0 51.1 76.7
127 12.9 7.2 10.8#





#48

Methyl methacrylate

Concen: 0.995 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.001 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

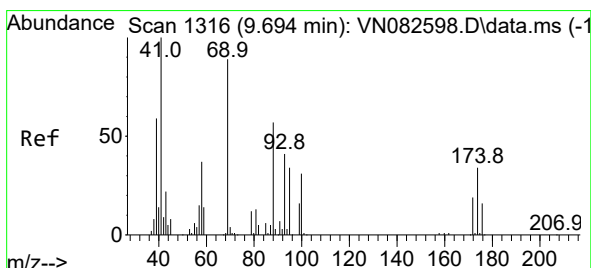
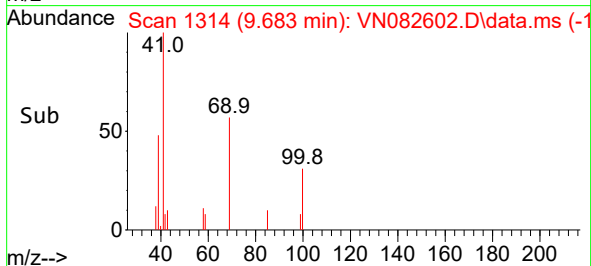
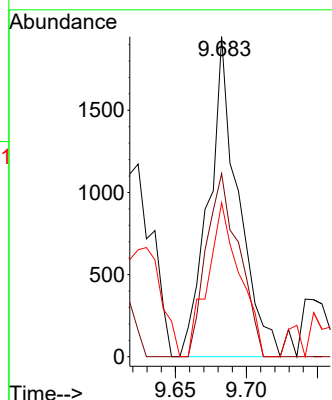
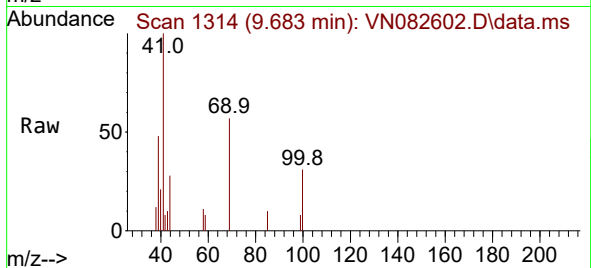
Tgt Ion:	41	Resp:	282
Ion Ratio	Lower	Upper	
41	100		
69	63.3	56.3	84.5
39	52.0	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#49

1,4-Dioxane

Concen: 16.997 ug/l

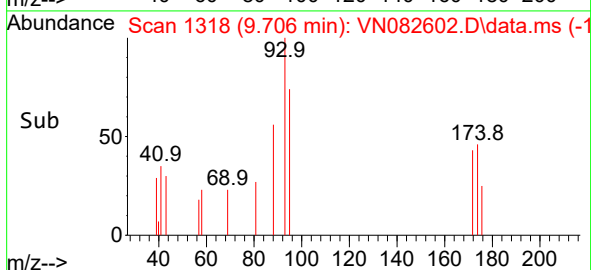
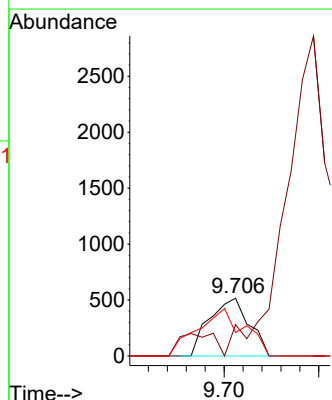
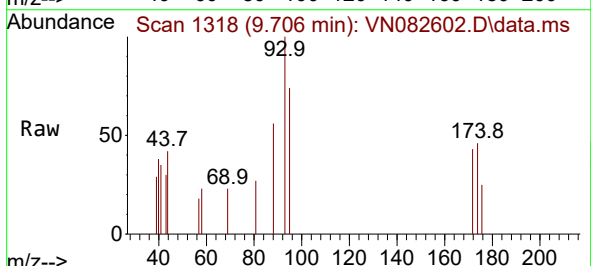
RT: 9.706 min Scan# 1318

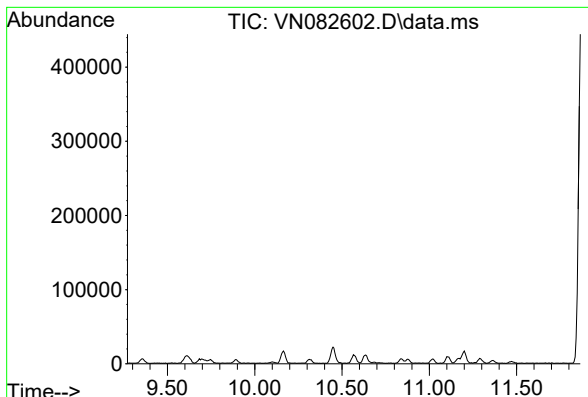
Delta R.T. 0.012 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion:	88	Resp:	754
Ion Ratio	Lower	Upper	
88	100		
43	34.6	27.8	41.8
58	96.0	59.4	89.0





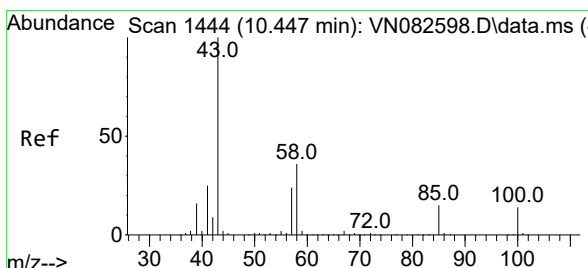
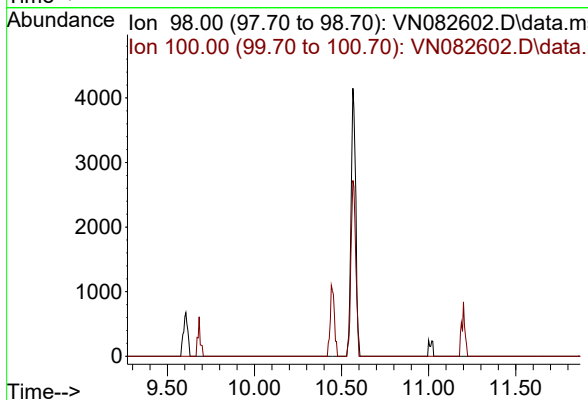
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 64.4

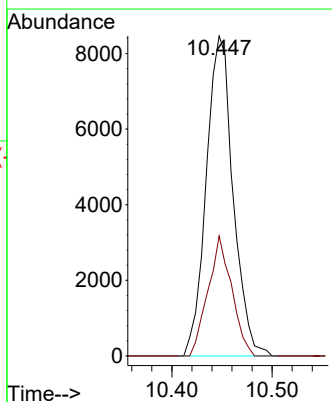
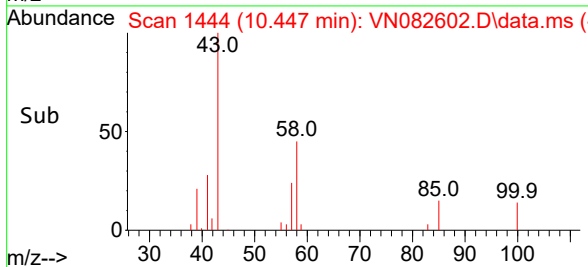
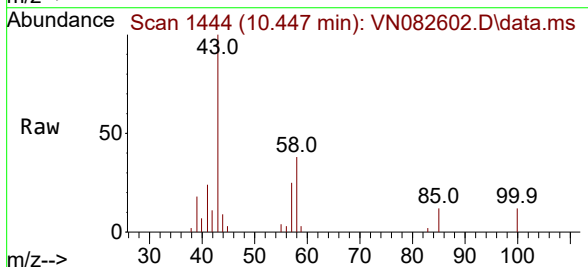
Manual Integrations
 APPROVED

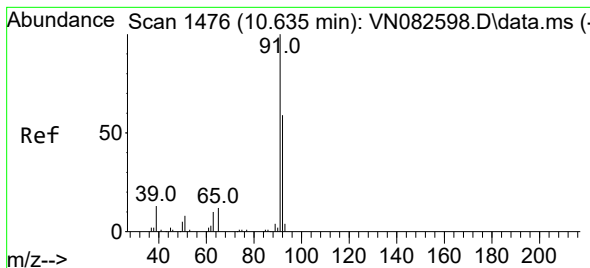
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#51
 4-Methyl-2-Pentanone
 Concen: 4.465 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 43 Resp: 15757
 Ion Ratio Lower Upper
 43 100
 58 33.1 28.2 42.4





#52

Toluene

Concen: 0.930 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 5034

Ion Ratio Lower Upper

92 100

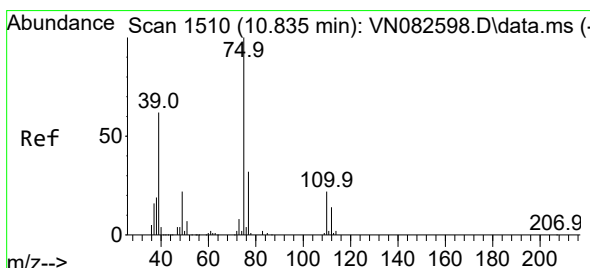
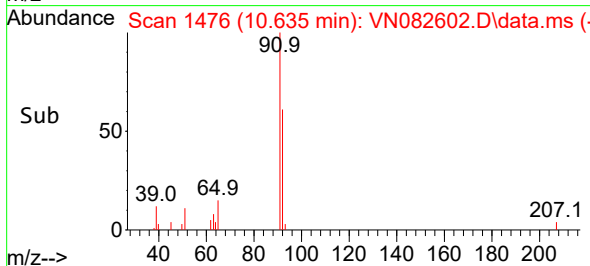
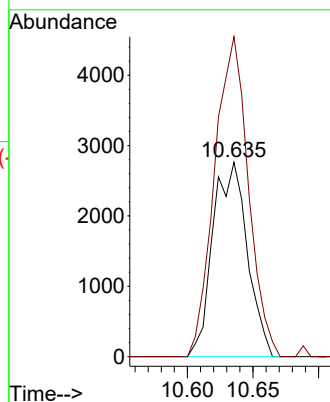
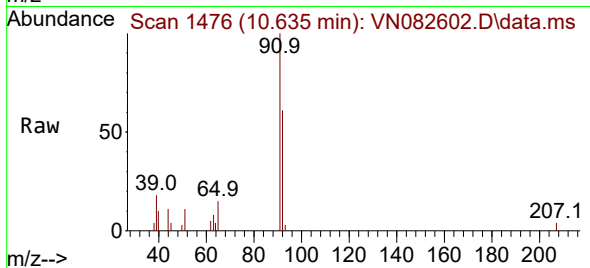
91 161.8 139.4 209.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#53

t-1,3-Dichloropropene

Concen: 0.894 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VN082602.D

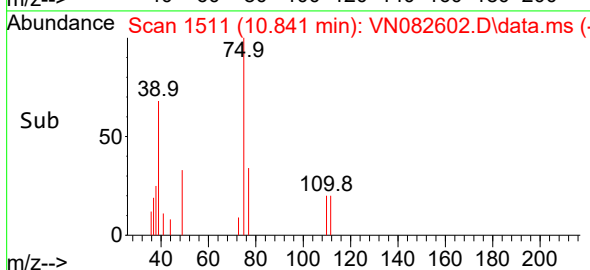
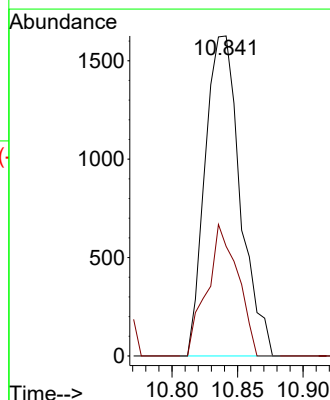
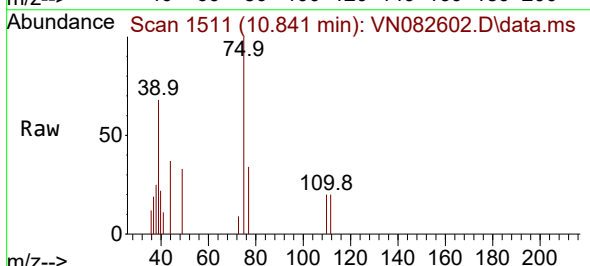
Acq: 17 Jun 2024 11:41

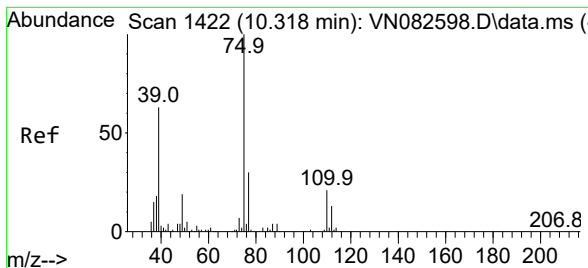
Tgt Ion: 75 Resp: 3035

Ion Ratio Lower Upper

75 100

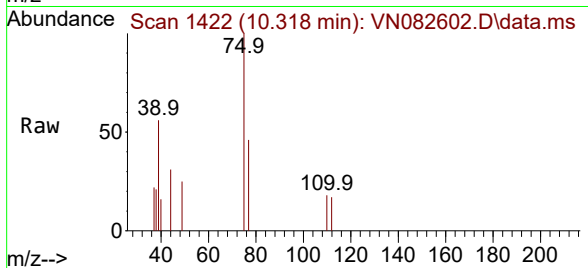
77 34.3 25.7 38.5





#54
cis-1,3-Dichloropropene
Concen: 0.859 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

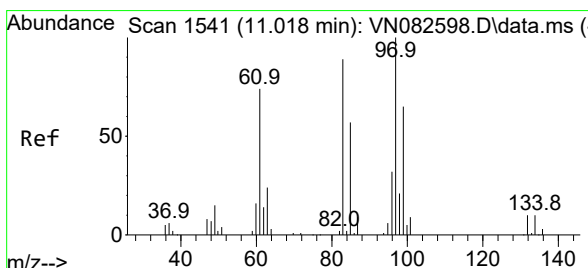
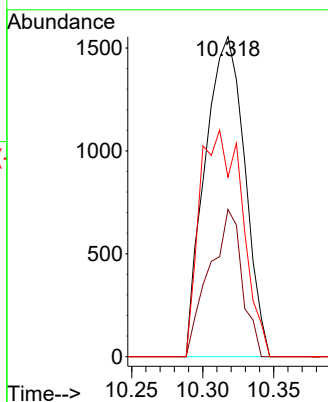
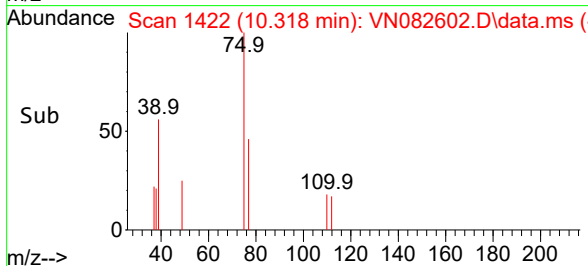
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 301
Ion Ratio Lower Upper
75 100
77 46.0 24.3 36.5
39 56.1 50.5 75.7

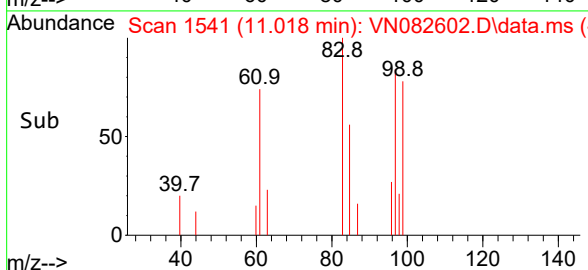
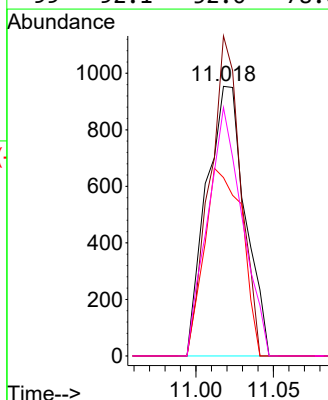
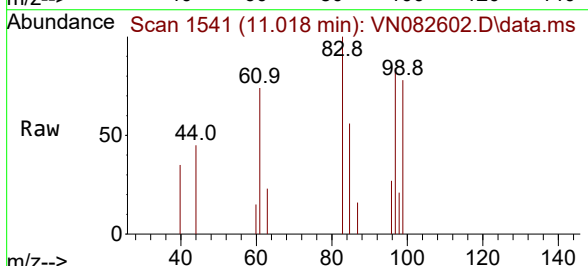
Manual Integrations
APPROVED

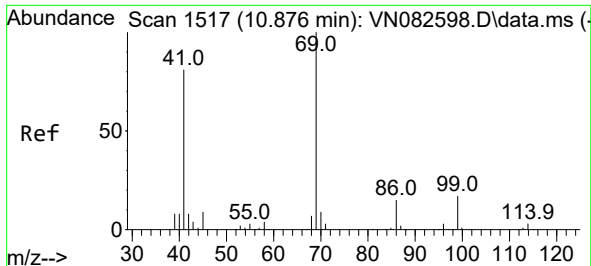
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#55
1,1,2-Trichloroethane
Concen: 0.844 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

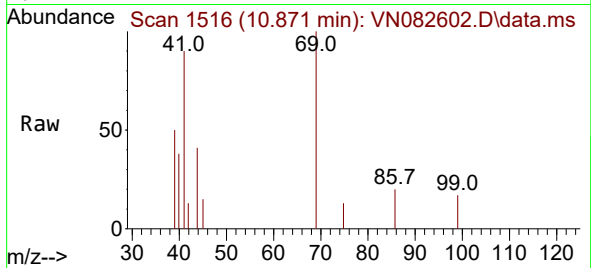
Tgt Ion: 97 Resp: 1654
Ion Ratio Lower Upper
97 100
83 118.7 71.4 107.0#
85 66.1 45.8 68.6
99 92.1 52.0 78.0#





#56
Ethyl methacrylate
Concen: 0.824 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

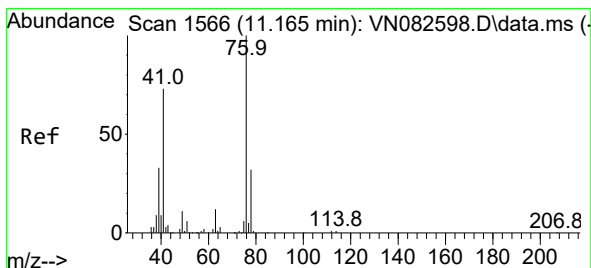
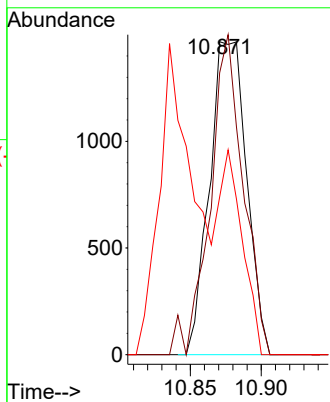
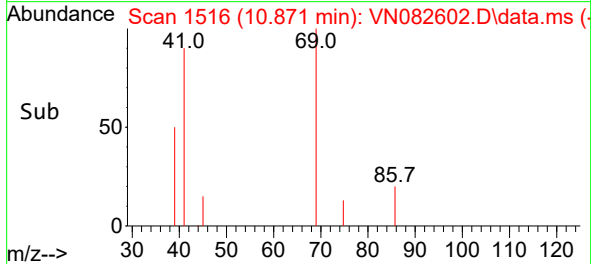
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 2672
Ion Ratio Lower Upper
69 100
41 91.3 63.4 95.2
39 41.8 37.4 56.0

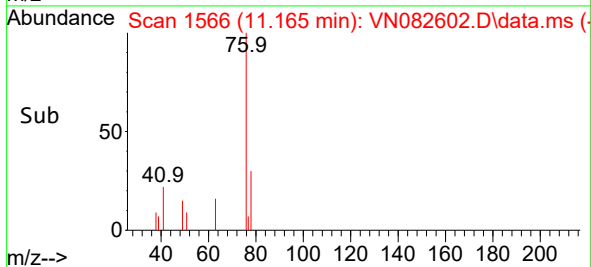
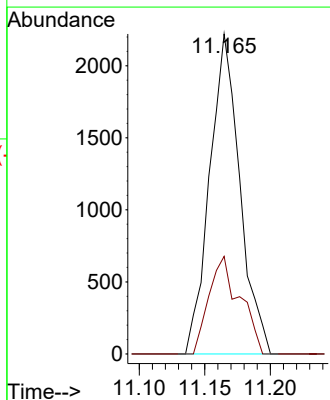
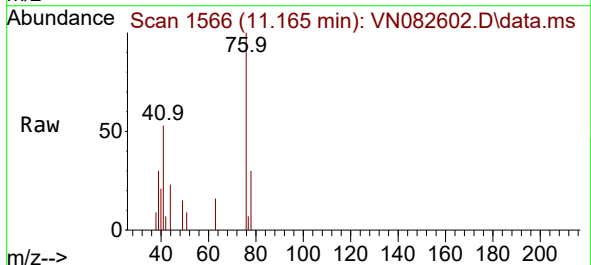
Manual Integrations
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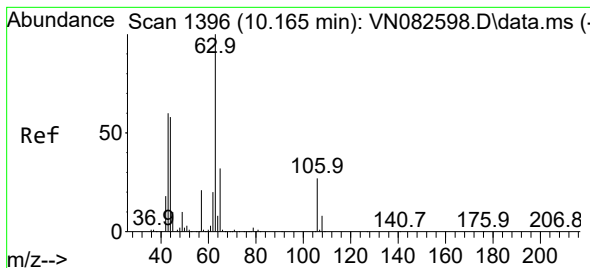
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#57
1,3-Dichloropropane
Concen: 0.980 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

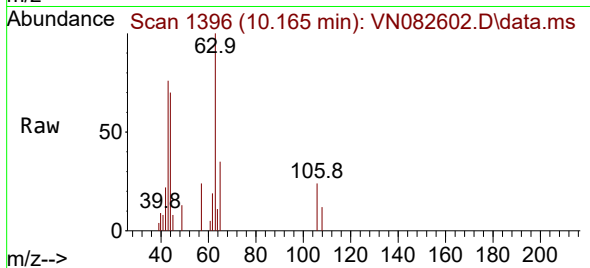
Tgt Ion: 76 Resp: 3549
Ion Ratio Lower Upper
76 100
78 31.3 25.6 38.4





#58
2-Chloroethyl Vinyl ether
Concen: 4.332 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

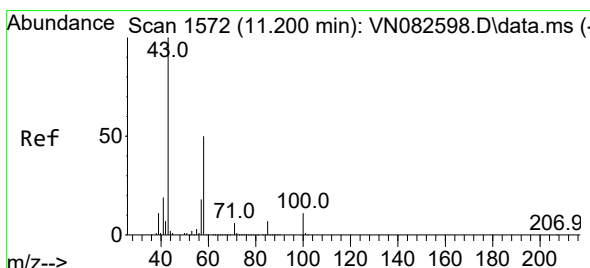
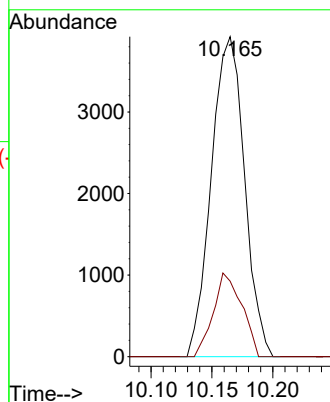
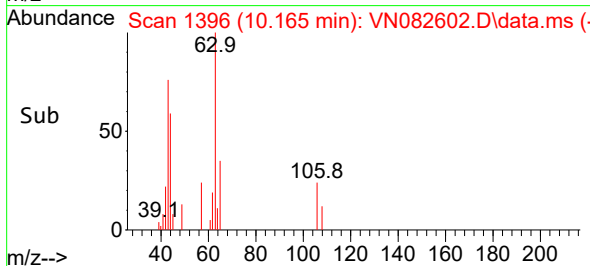
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



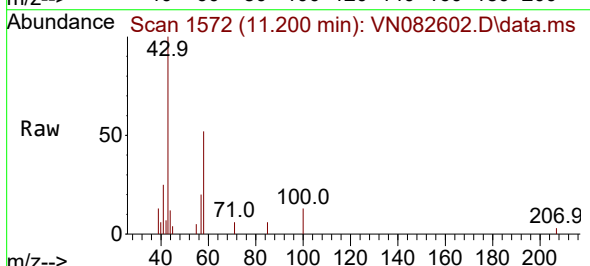
Tgt Ion: 63 Resp: 7435
Ion Ratio Lower Upper
63 100
106 22.4 21.4 32.0

Manual Integrations
APPROVED

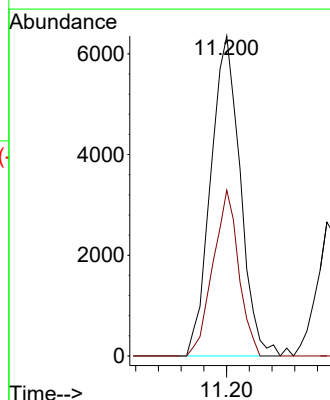
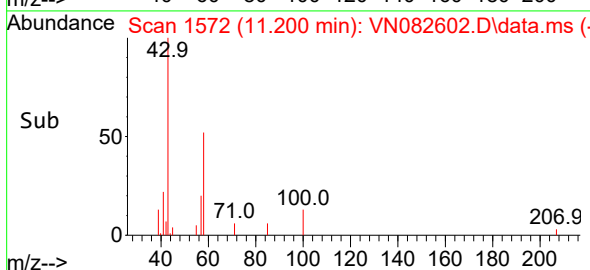
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

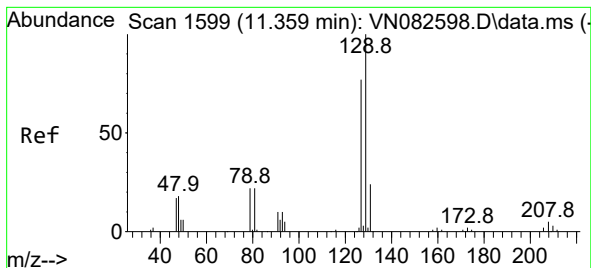


#59
2-Hexanone
Concen: 4.270 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



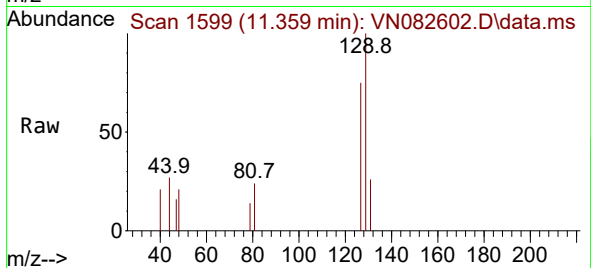
Tgt Ion: 43 Resp: 11451
Ion Ratio Lower Upper
43 100
58 45.1 24.6 73.8





#60
Dibromochloromethane
Concen: 0.908 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

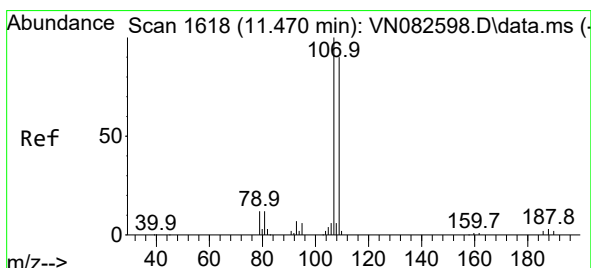
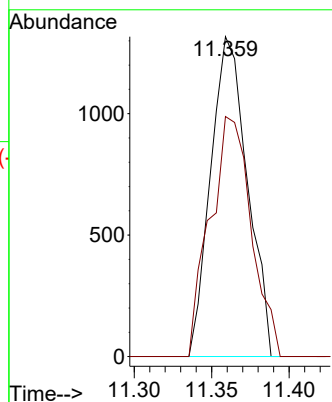
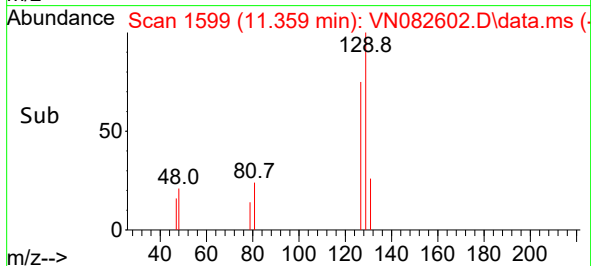
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



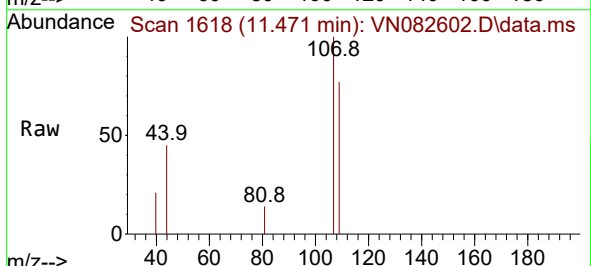
Tgt Ion:129 Resp: 2170
Ion Ratio Lower Upper
129 100
127 84.4 39.2 117.6

Manual Integrations
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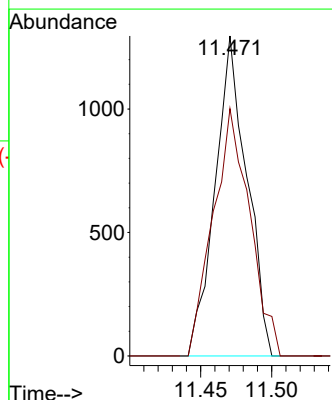
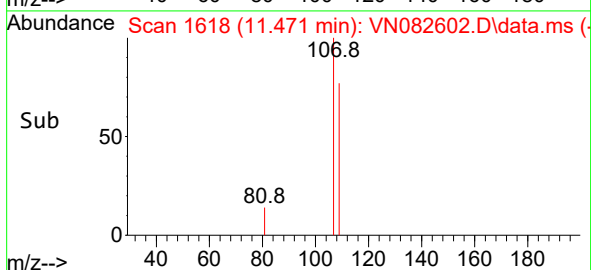
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

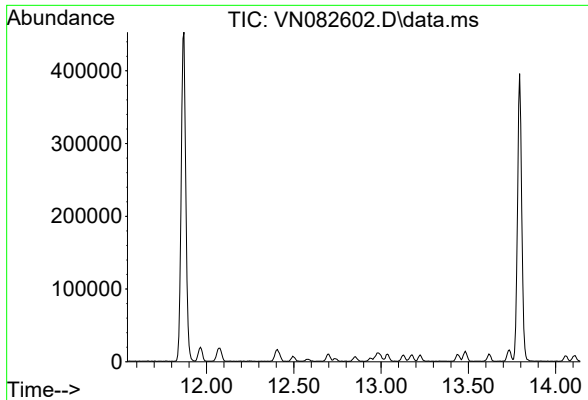


#61
1,2-Dibromoethane
Concen: 0.977 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



Tgt Ion:107 Resp: 2017
Ion Ratio Lower Upper
107 100
109 89.3 73.7 110.5





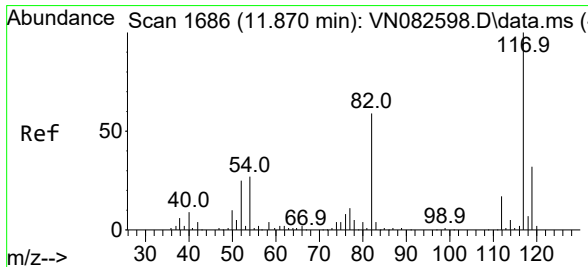
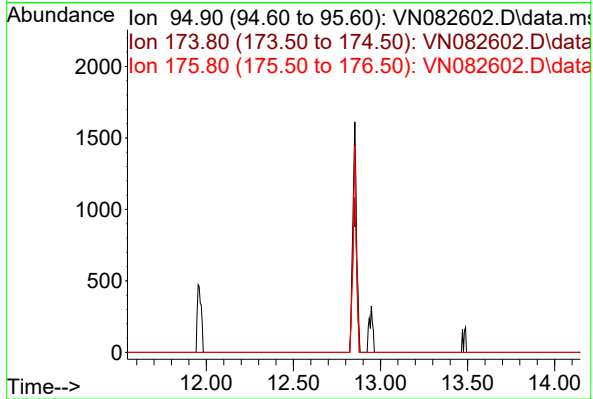
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 79.6
 176 73.8

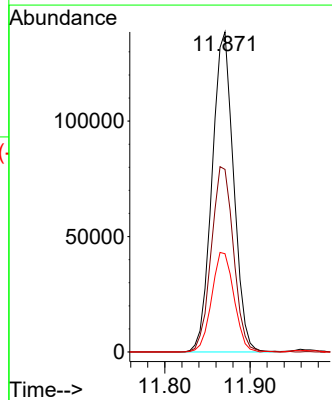
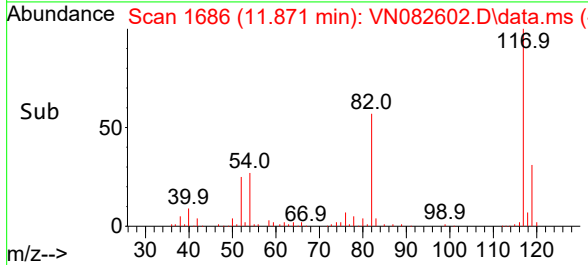
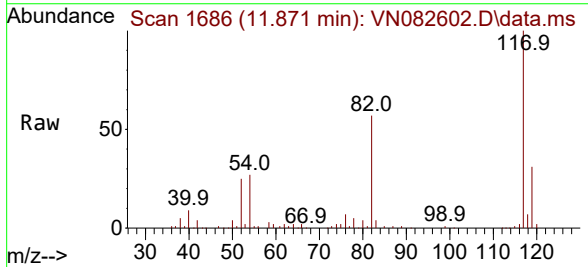
Manual Integrations
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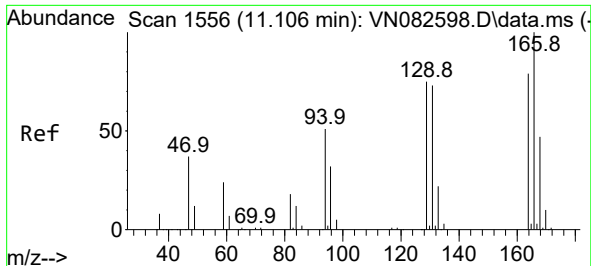
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

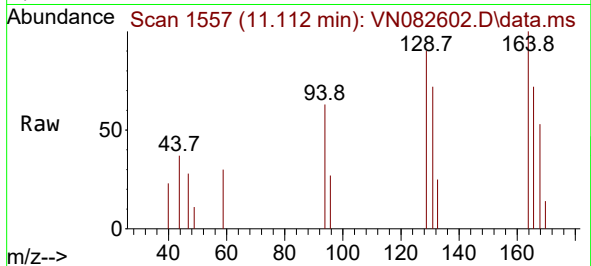
Tgt Ion:117 Resp: 243494
 Ion Ratio Lower Upper
 117 100
 82 57.1 47.5 71.3
 119 30.7 25.6 38.4





#64
Tetrachloroethene
Concen: 1.201 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

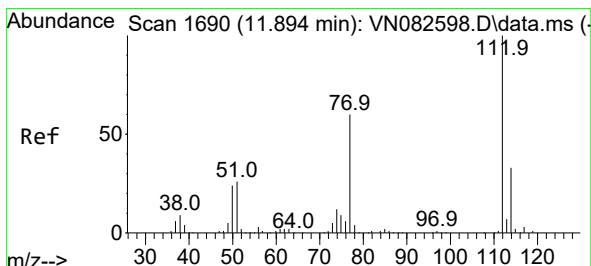
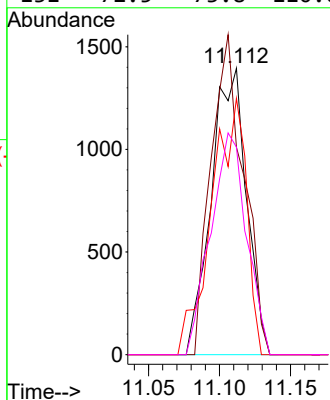
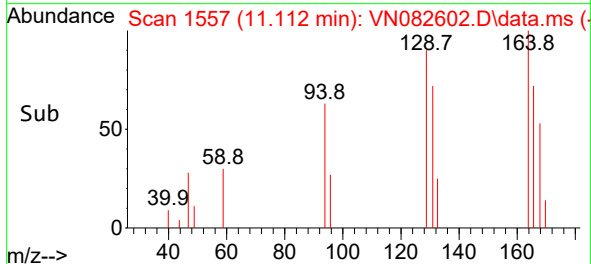
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 241
Ion Ratio Lower Upper
164 100
166 72.5 101.4 152.0
129 89.5 75.7 113.5
131 72.5 73.8 110.6#

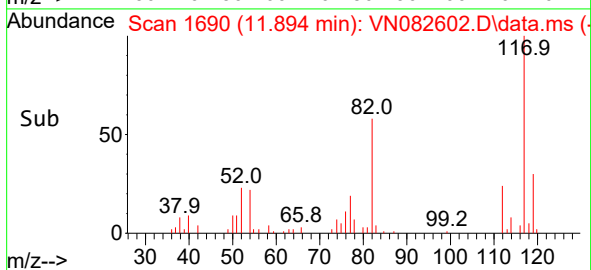
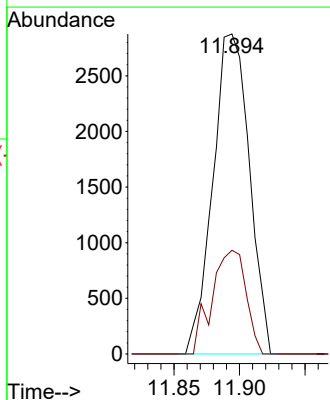
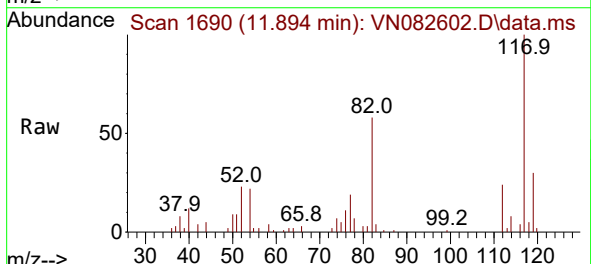
Manual Integrations
APPROVED

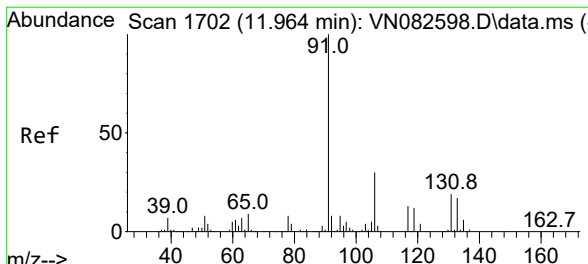
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#65
Chlorobenzene
Concen: 0.997 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:112 Resp: 5565
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2





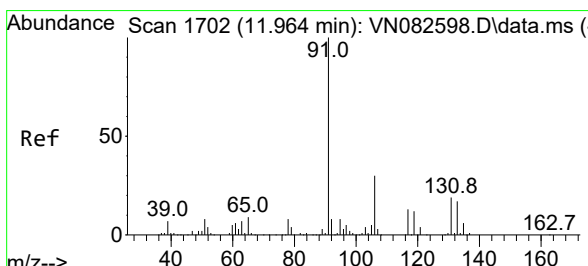
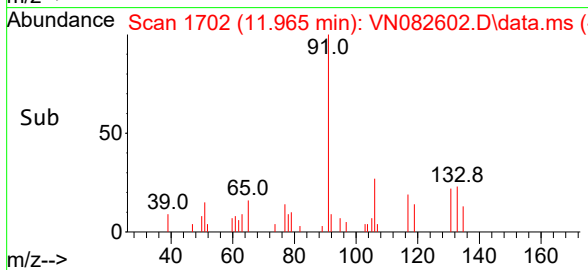
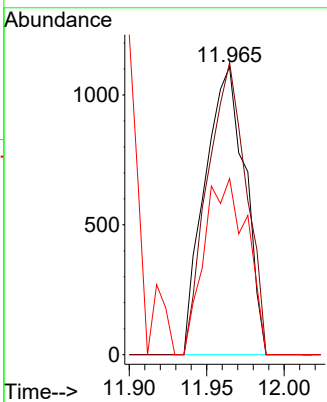
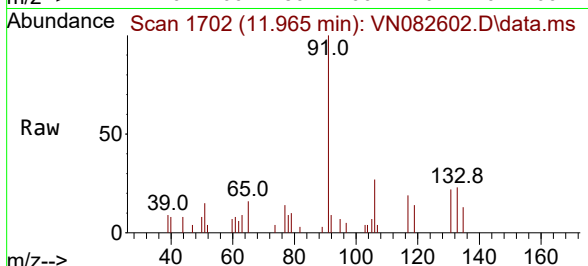
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.003 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion:131	Resp:	1998
Ion Ratio	Lower	Upper
131	100	
133	97.6	47.3 142.0
119	0.0	32.5 97.4

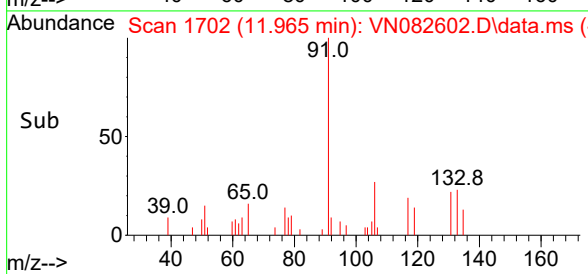
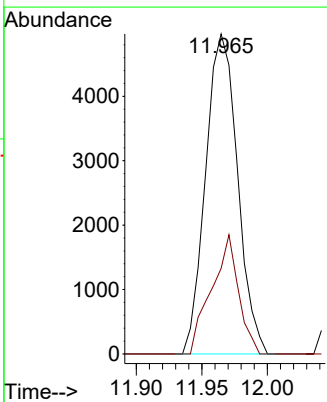
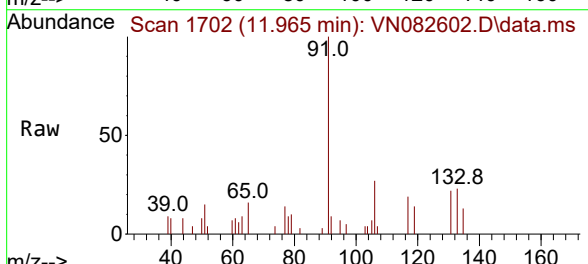
Manual Integrations
 APPROVED

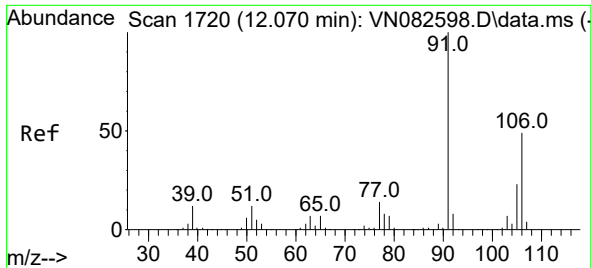
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#67
 Ethyl Benzene
 Concen: 0.885 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 91	Resp:	8421
Ion Ratio	Lower	Upper
91	100	
106	26.7	24.0 36.0





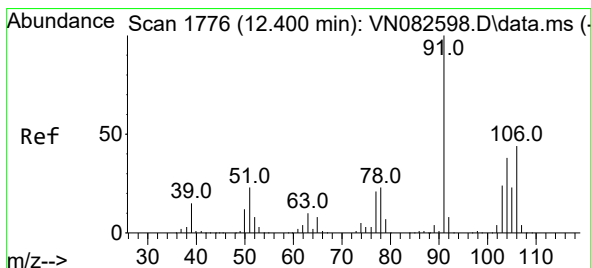
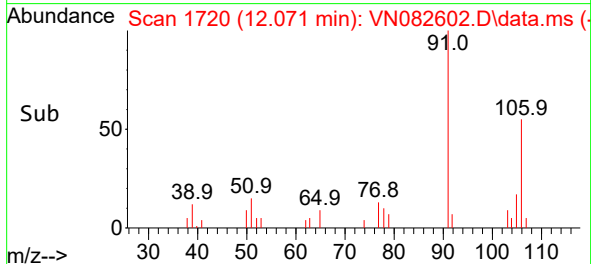
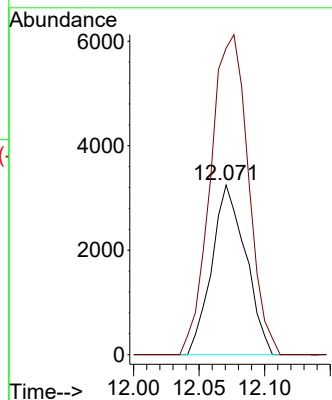
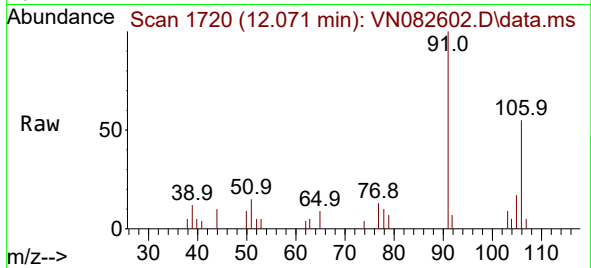
#68
m/p-Xylenes
Concen: 1.651 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 584
Ion Ratio Lower Upper
106 100
91 210.6 166.1 249.1

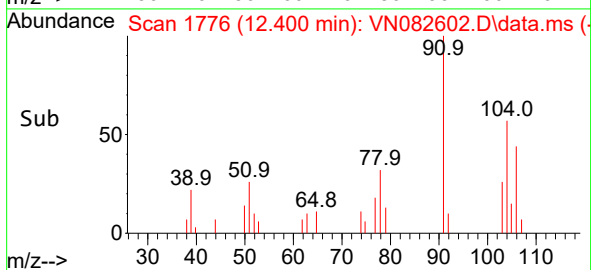
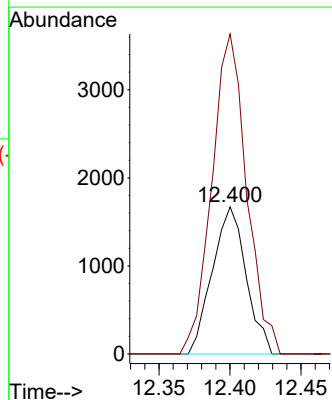
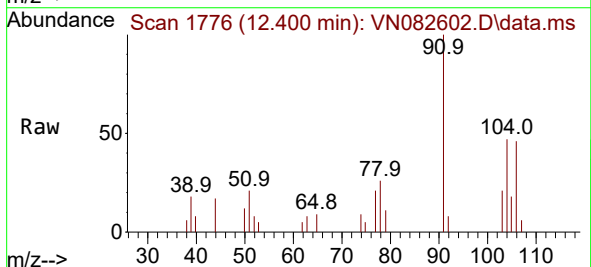
Manual Integrations
APPROVED

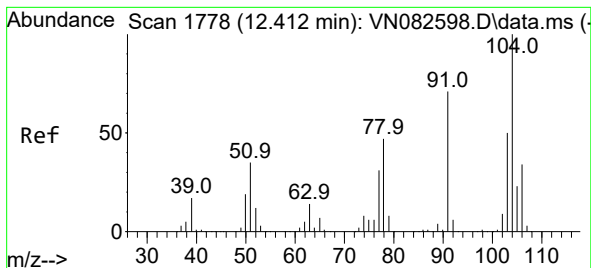
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#69
o-Xylene
Concen: 0.830 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:106 Resp: 2760
Ion Ratio Lower Upper
106 100
91 224.3 111.3 333.9





#70

Styrene

Concen: 0.774 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

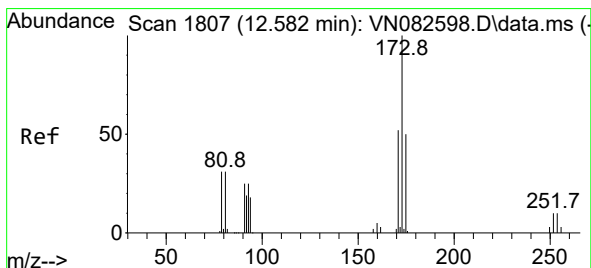
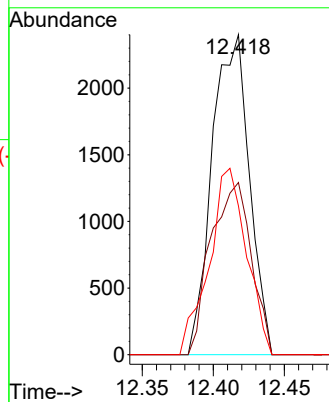
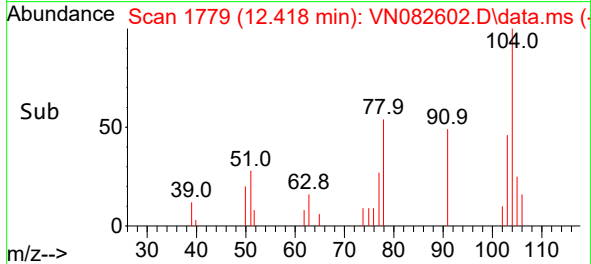
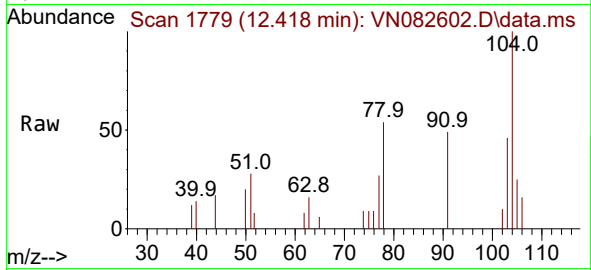
Tgt Ion:104	Resp:	436
Ion Ratio	Lower	Upper
104	100	
78	58.7	41.6 62.4
103	58.7	44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#71

Bromoform

Concen: 0.974 ug/l

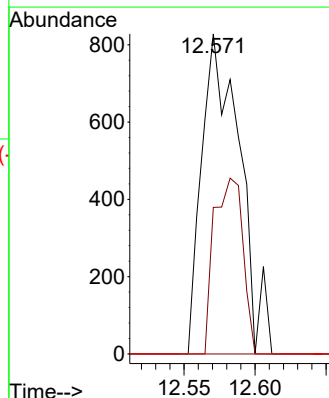
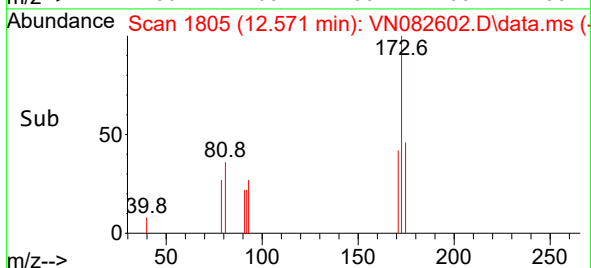
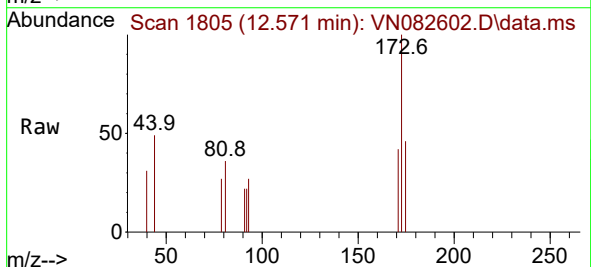
RT: 12.571 min Scan# 1805

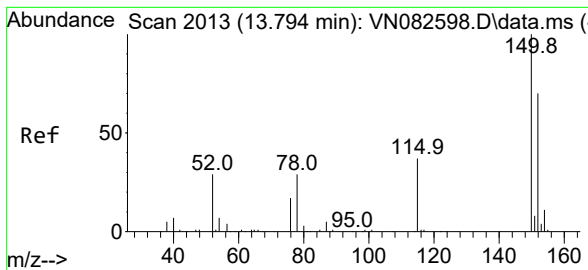
Delta R.T. -0.012 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

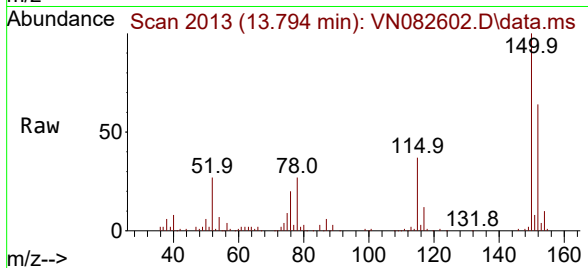
Tgt Ion:173	Resp:	1534
Ion Ratio	Lower	Upper
173	100	
175	41.7	24.0 72.0
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

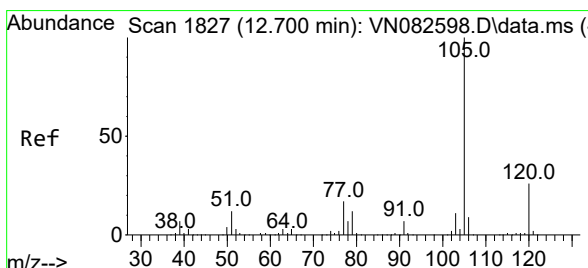
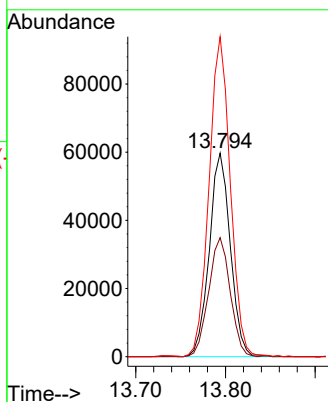
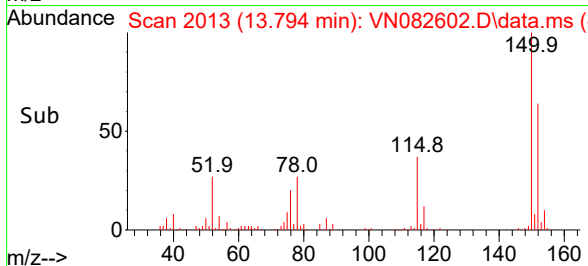
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



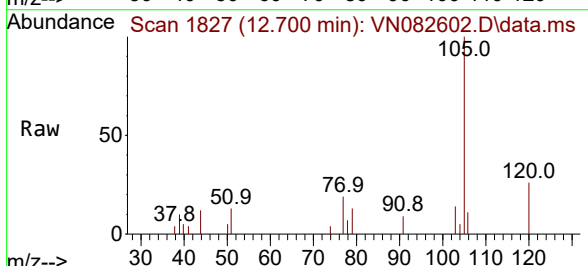
Tgt Ion:152 Resp: 9727
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 158.5 0.0 348.6

Manual Integrations
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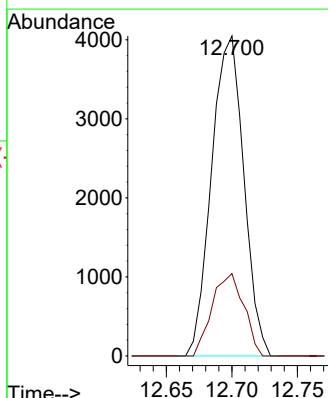
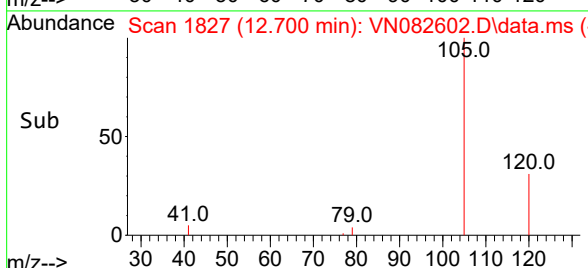
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

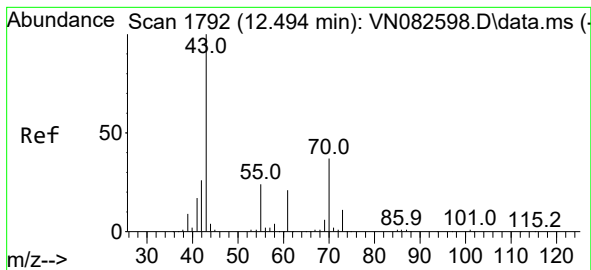


#73
Isopropylbenzene
Concen: 0.937 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



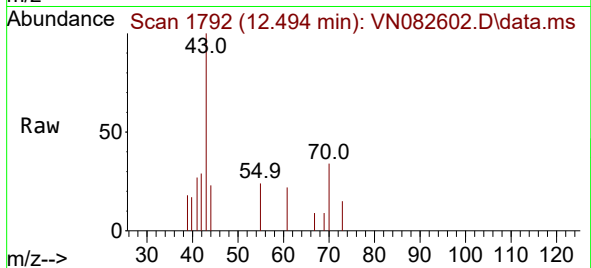
Tgt Ion:105 Resp: 6921
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





#74
N-amy1 acetate
Concen: 0.982 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

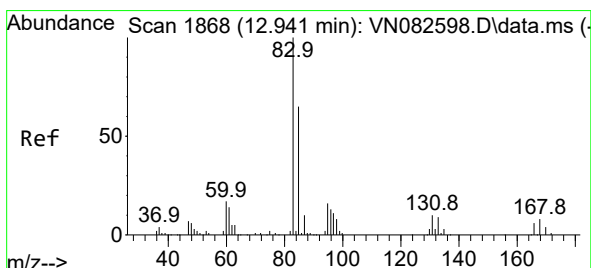
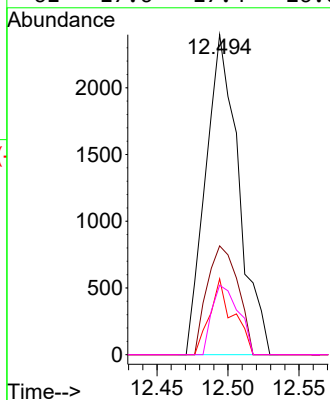
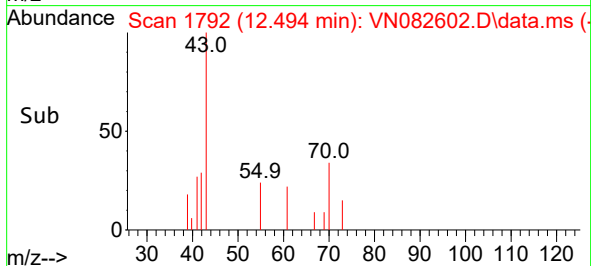
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



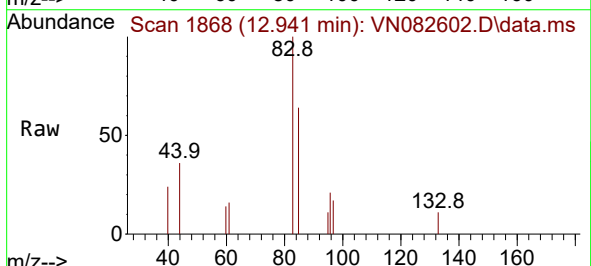
Tgt Ion: 43 Resp: 3870
Ion Ratio Lower Upper
43 100
70 31.9 29.8 44.6
55 16.8 18.7 28.1
61 17.6 17.4 26.0

Manual Integrations
APPROVED

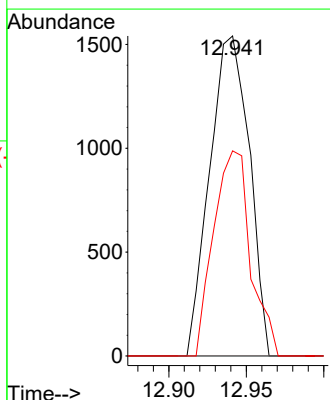
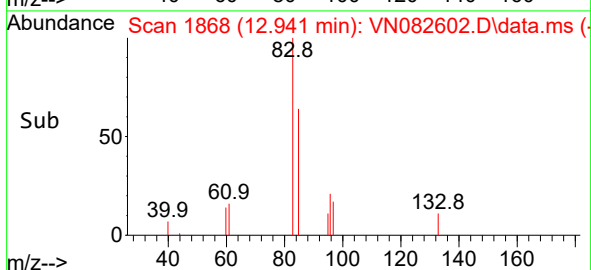
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

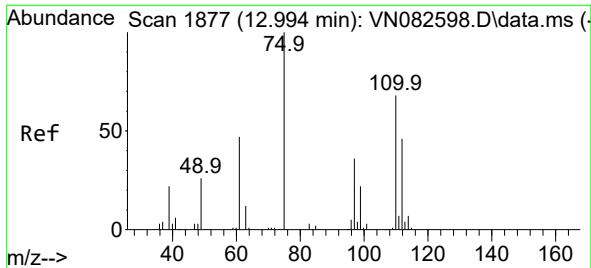


#75
1,1,2,2-Tetrachloroethane
Concen: 1.136 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



Tgt Ion: 83 Resp: 2738
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 59.8 31.9 95.7





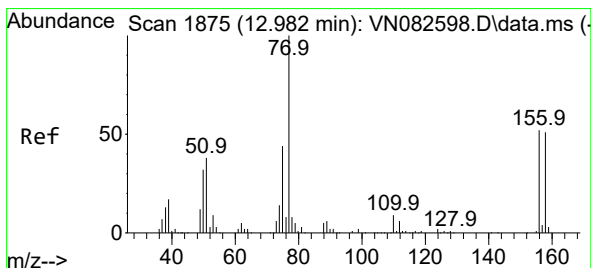
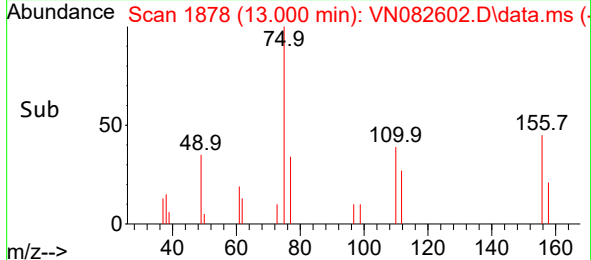
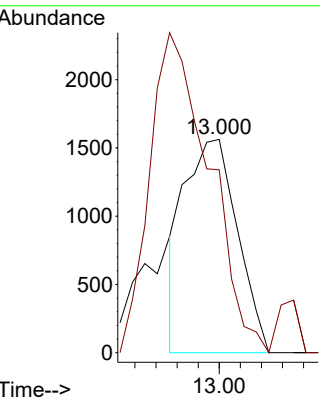
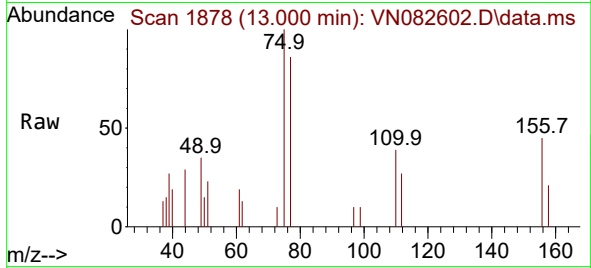
#76
1,2,3-Trichloropropane
Concen: 1.211 ug/l m
RT: 13.000 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 2728
Ion Ratio Lower Upper
75 100
77 0.0 110.9 332.6

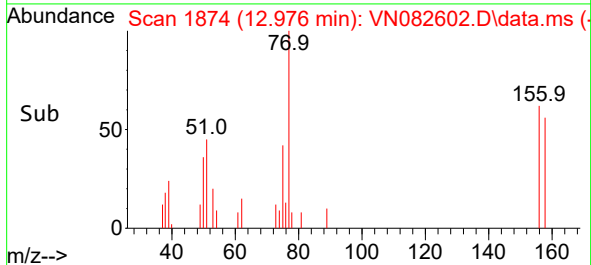
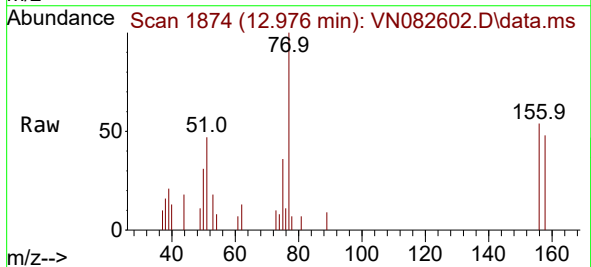
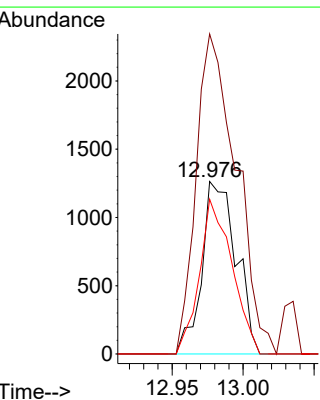
Manual Integrations
APPROVED

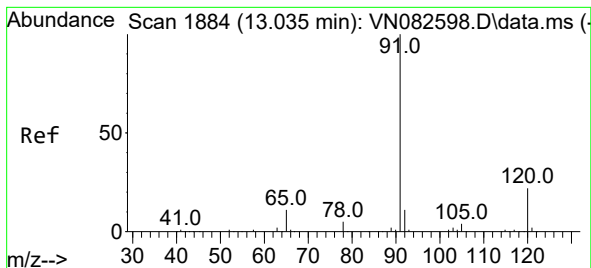
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#77
Bromobenzene
Concen: 1.119 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:156 Resp: 2127
Ion Ratio Lower Upper
156 100
77 215.9 111.3 333.8
158 84.9 48.3 144.9





#78

n-propylbenzene

Concen: 0.901 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 787

Ion Ratio Lower Upper

91 100

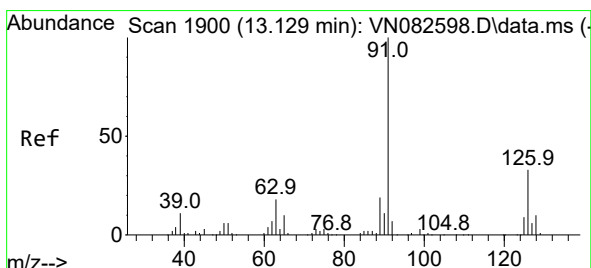
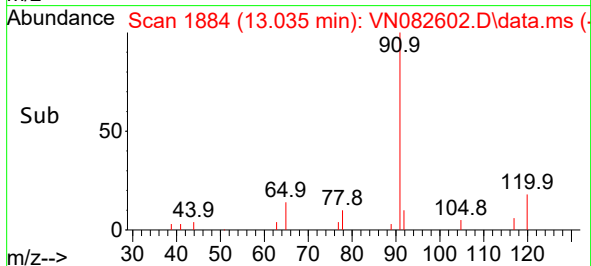
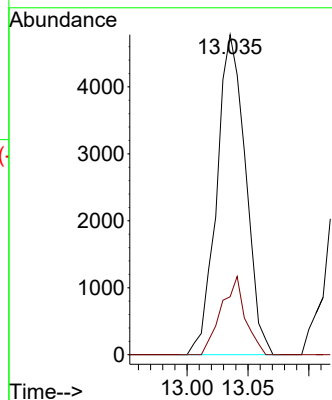
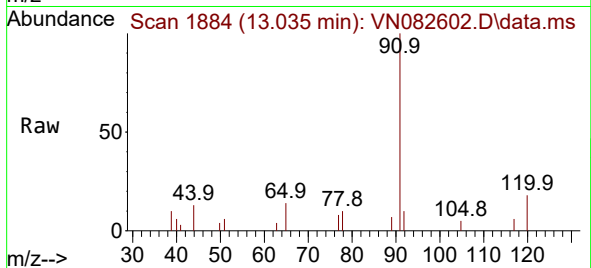
120 20.4 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#79

2-Chlorotoluene

Concen: 0.986 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082602.D

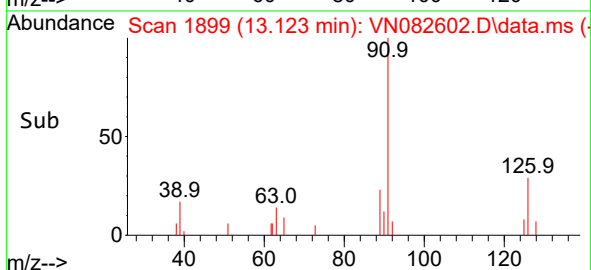
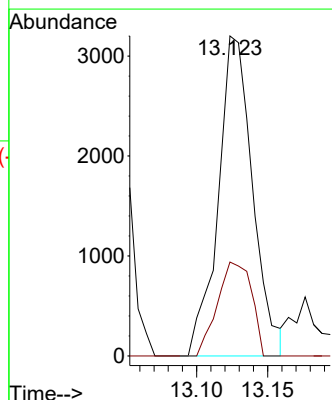
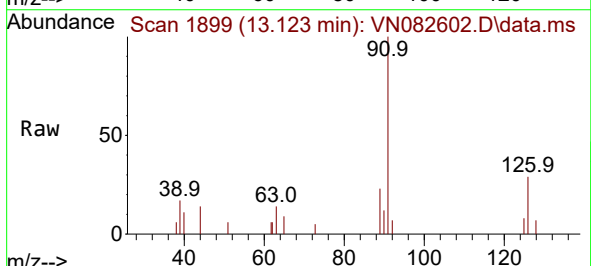
Acq: 17 Jun 2024 11:41

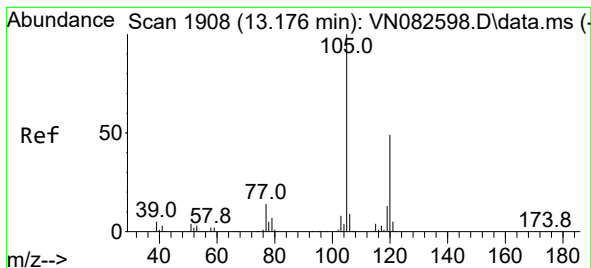
Tgt Ion: 91 Resp: 5402

Ion Ratio Lower Upper

91 100

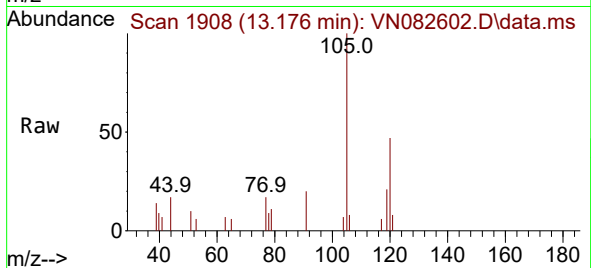
126 29.0 16.2 48.6





#80
1,3,5-Trimethylbenzene
Concen: 0.816 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

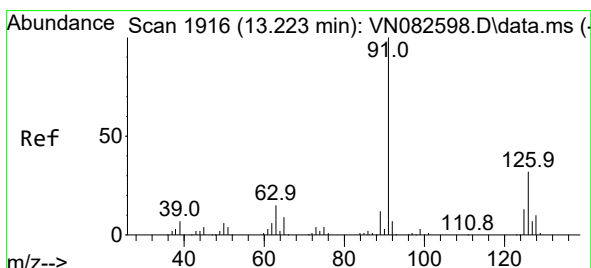
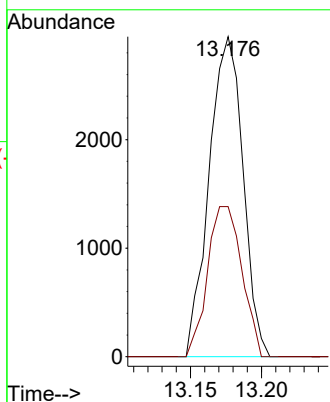
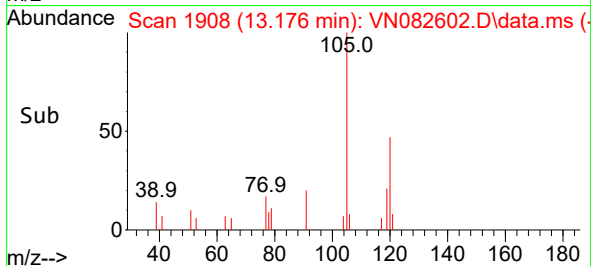
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



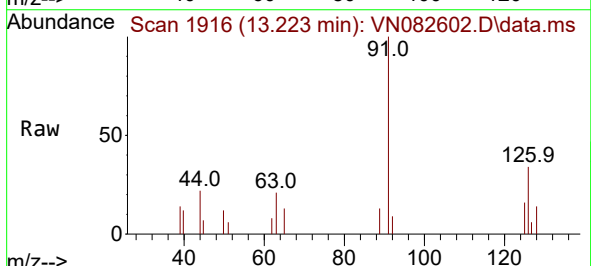
Tgt Ion:105 Resp: 4894
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

Manual Integrations
APPROVED

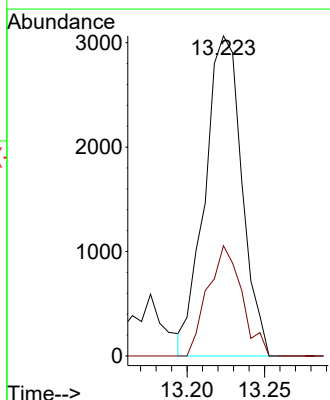
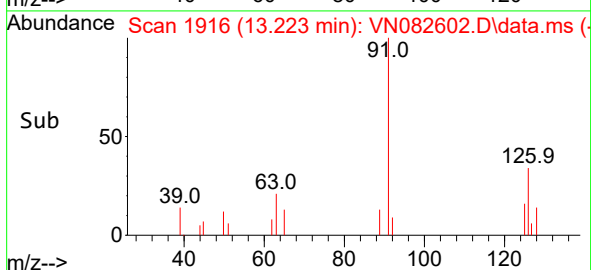
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

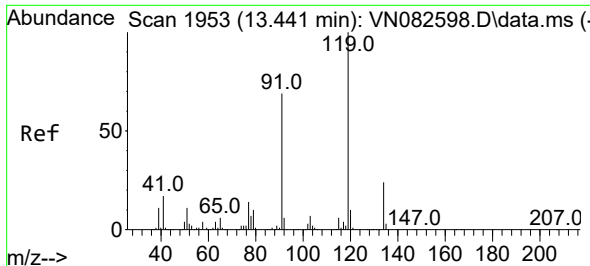


#82
4-Chlorotoluene
Concen: 0.928 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



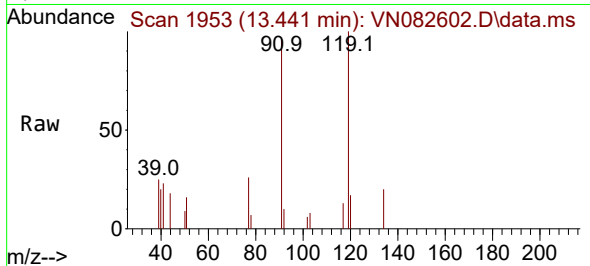
Tgt Ion: 91 Resp: 5082
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6





#83
tert-Butylbenzene
Concen: 0.910 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

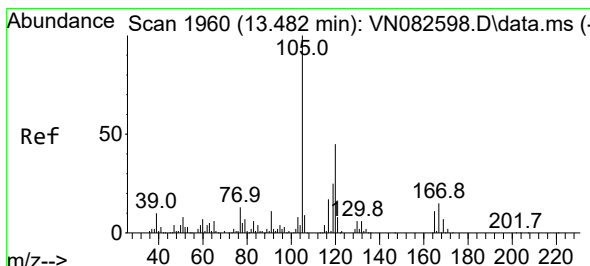
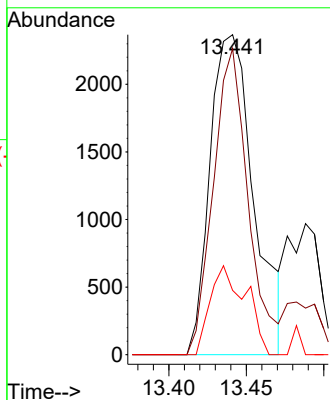
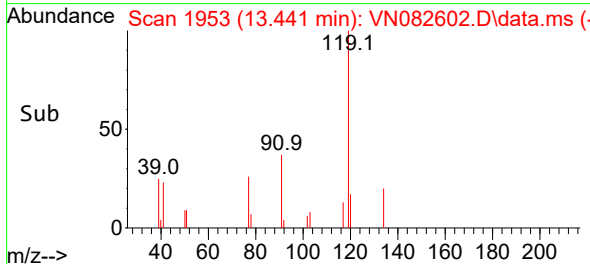
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



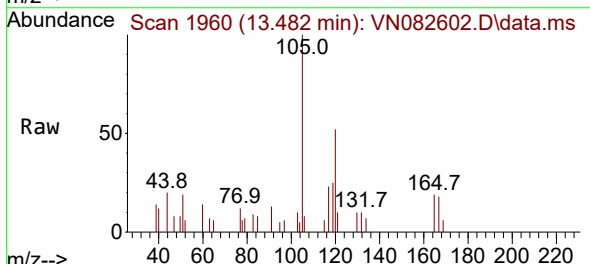
Tgt Ion:119 Resp: 464
Ion Ratio Lower Upper
119 100
91 76.3 35.0 105.1
134 22.7 13.3 39.8

Manual Integrations
APPROVED

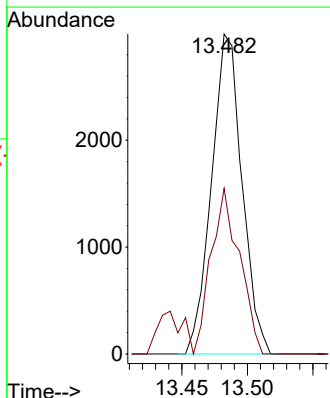
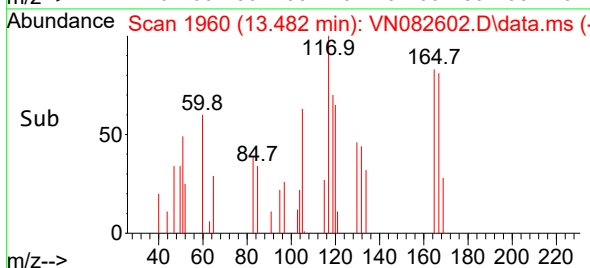
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

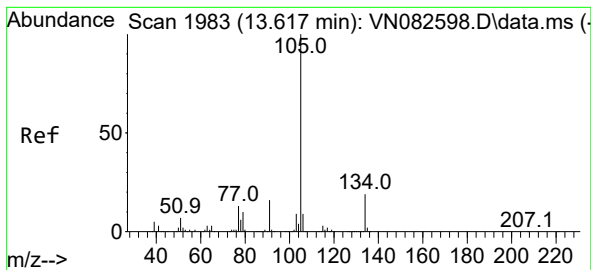


#84
1,2,4-Trimethylbenzene
Concen: 0.804 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



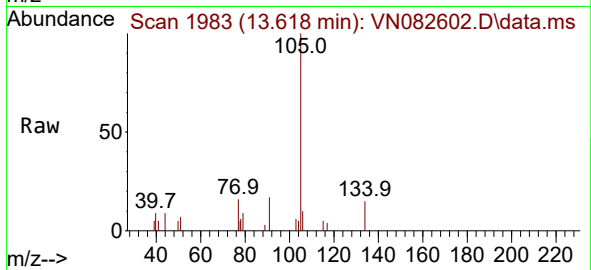
Tgt Ion:105 Resp: 4834
Ion Ratio Lower Upper
105 100
120 48.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 0.894 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

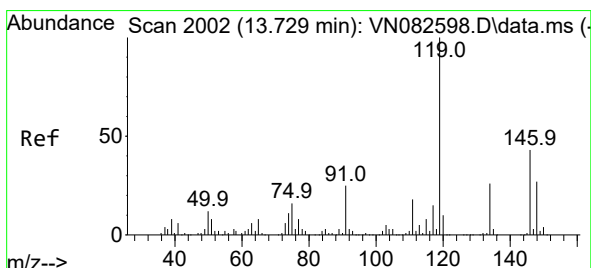
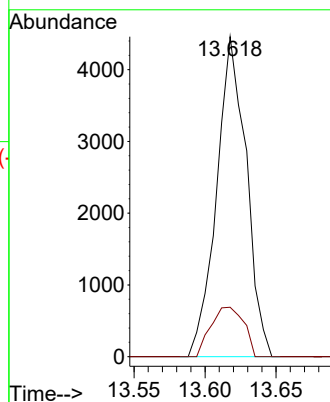
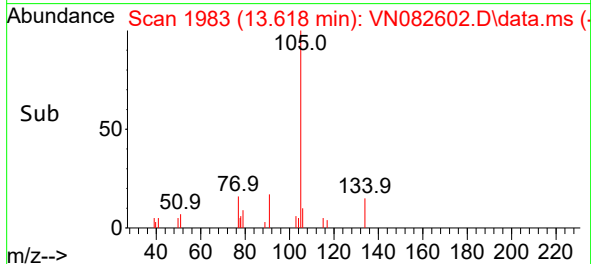
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



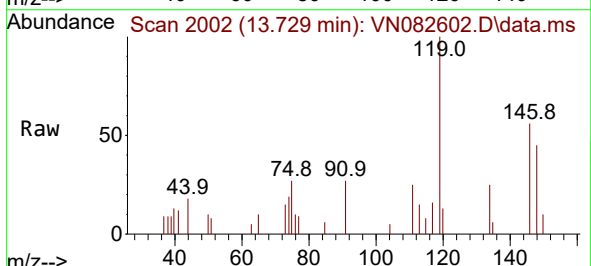
Tgt Ion:105 Resp: 648
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.8 29.3

Manual Integrations
 APPROVED

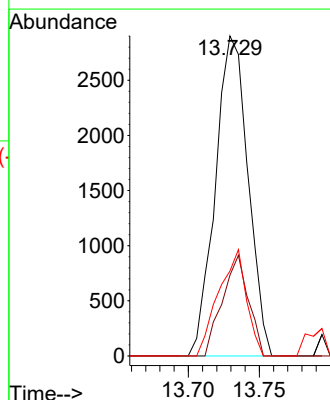
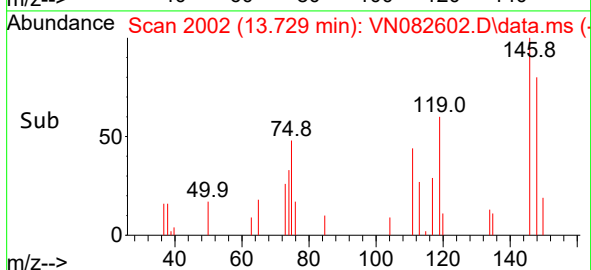
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

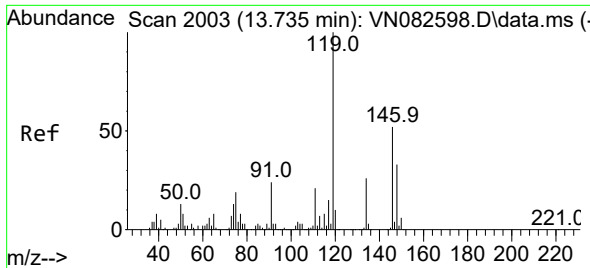


#86
 p-Isopropyltoluene
 Concen: 0.796 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41



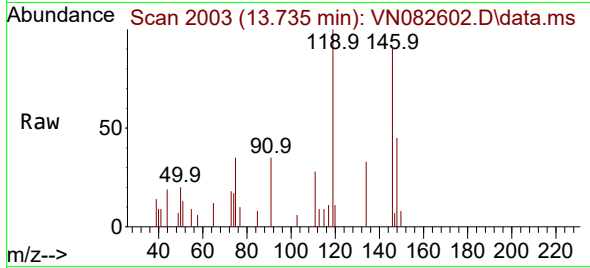
Tgt Ion:119 Resp: 4649
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 39.0
 91 28.3 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 1.013 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

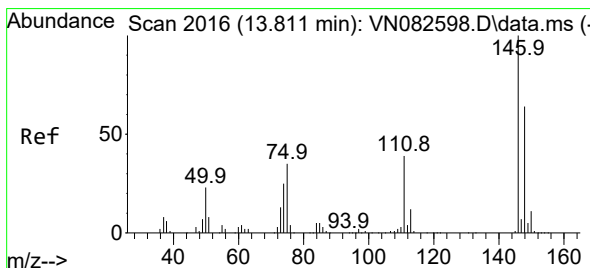
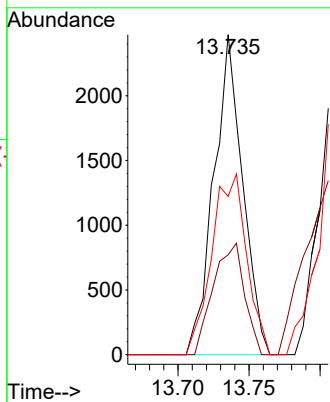
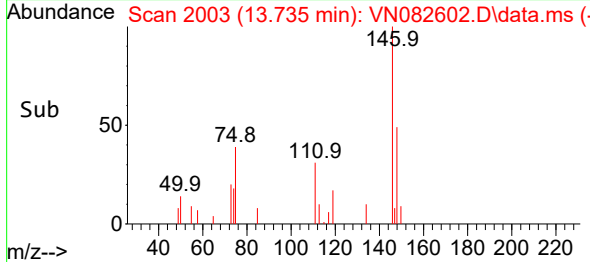
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



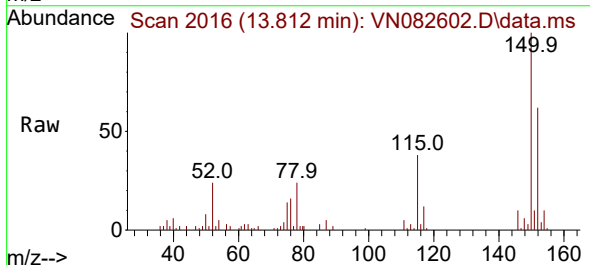
Tgt Ion:146 Resp: 349
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.9
148 68.2 31.8 95.3

Manual Integrations
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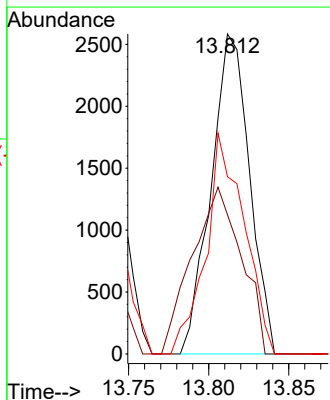
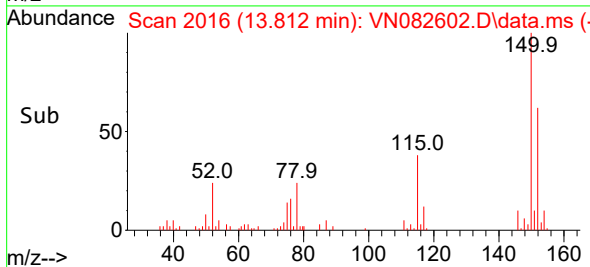
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

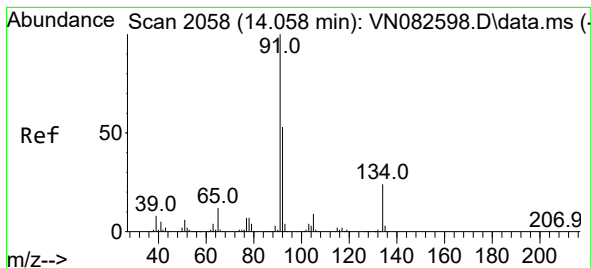


#88
1,4-Dichlorobenzene
Concen: 1.248 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41



Tgt Ion:146 Resp: 4325
Ion Ratio Lower Upper
146 100
111 30.5 20.1 60.3
148 55.1 32.2 96.6





#89

n-Butylbenzene

Concen: 0.887 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

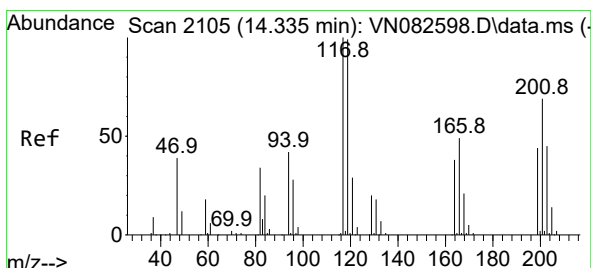
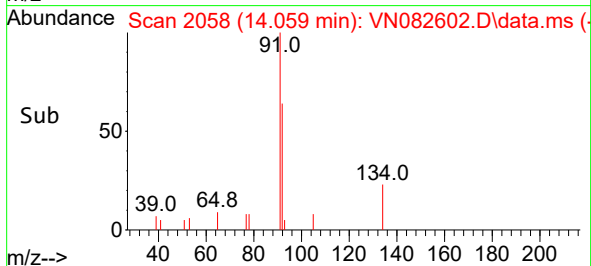
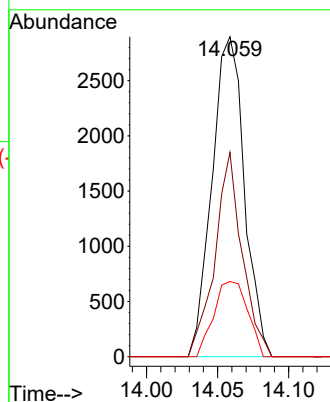
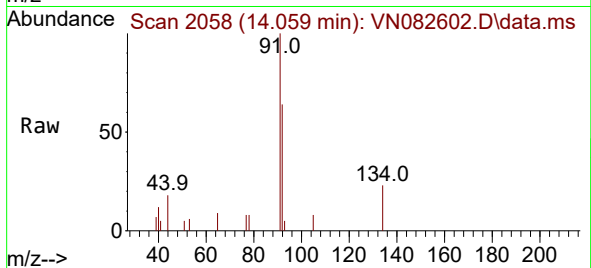
Tgt Ion:	91	Resp:	4594
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.1	78.3
134	24.6	12.1	36.3

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#90

Hexachloroethane

Concen: 1.047 ug/l

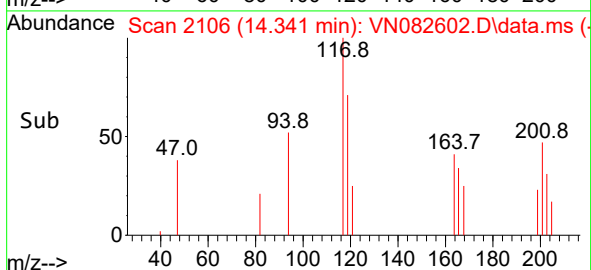
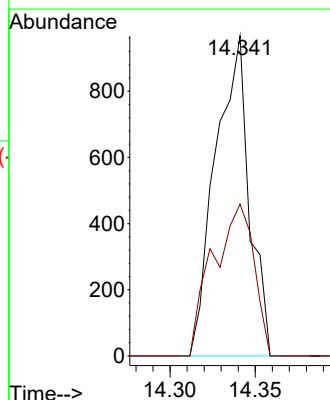
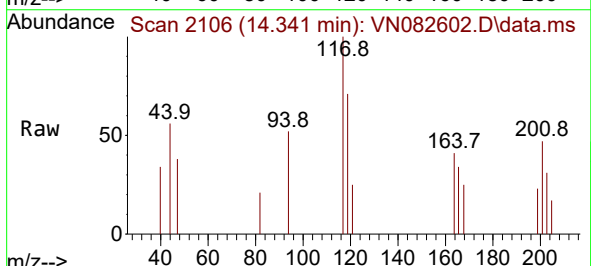
RT: 14.341 min Scan# 2106

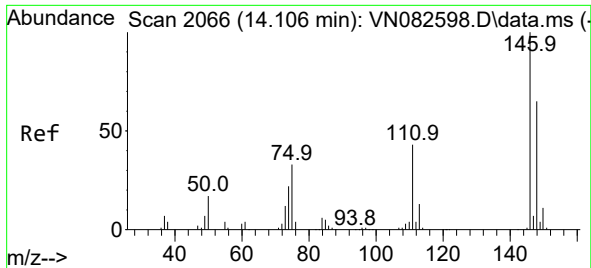
Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion:	117	Resp:	1330
Ion	Ratio	Lower	Upper
117	100		
201	57.8	35.8	107.3





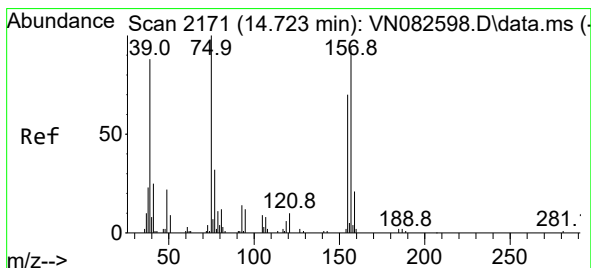
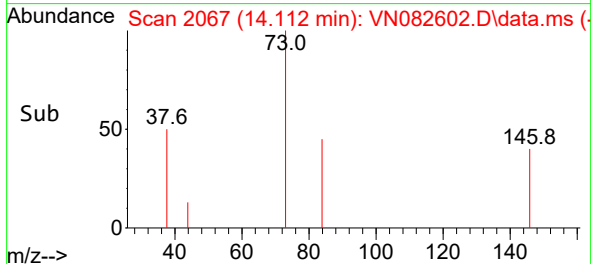
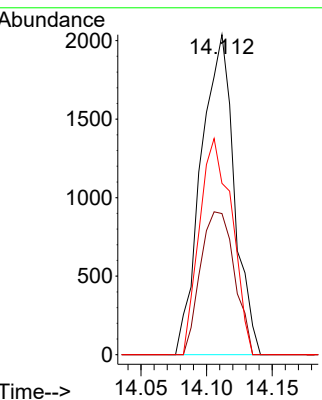
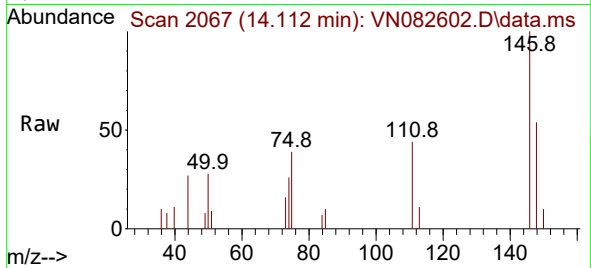
#91
1,2-Dichlorobenzene
Concen: 1.065 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3580
Ion Ratio Lower Upper
146 100
111 45.9 21.4 64.2
148 66.0 32.1 96.5

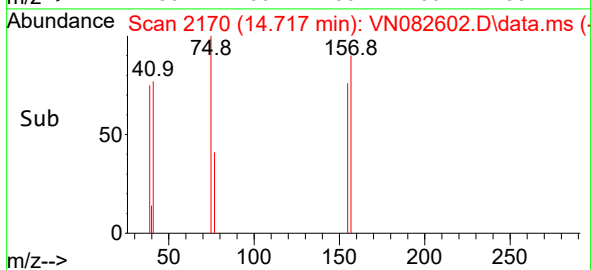
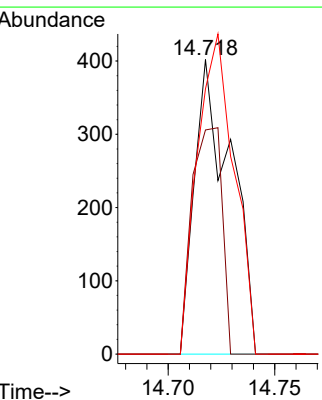
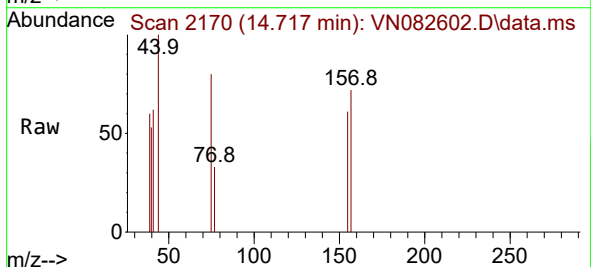
Manual Integrations
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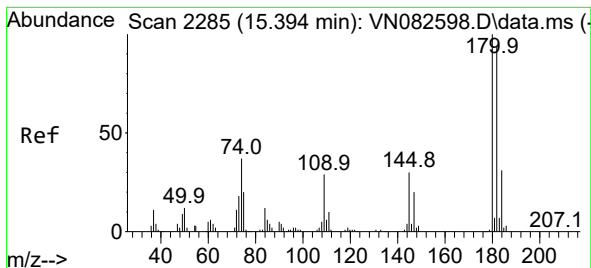
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.939 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 75 Resp: 479
Ion Ratio Lower Upper
75 100
155 63.3 36.6 109.8
157 110.0 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 1.044 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

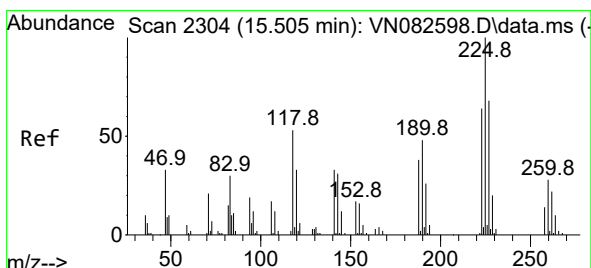
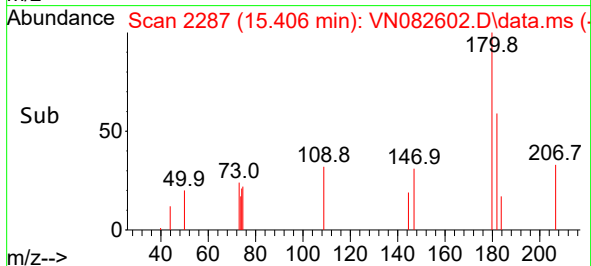
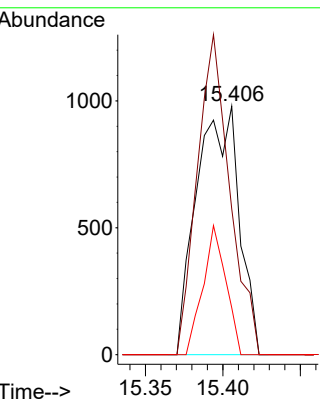
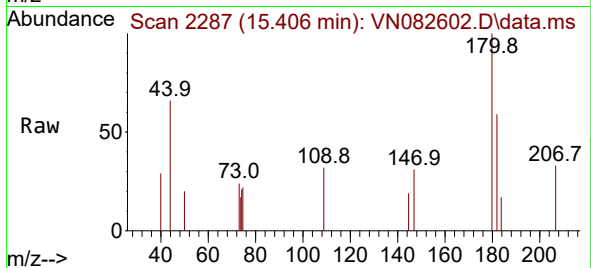
Tgt Ion:	180	Resp:	185
Ion Ratio	Lower	Upper	
180	100		
182	99.5	47.3	141.8
145	28.2	15.7	47.1

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#94

Hexachlorobutadiene

Concen: 1.331 ug/l

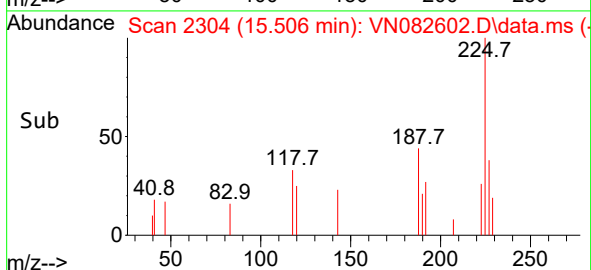
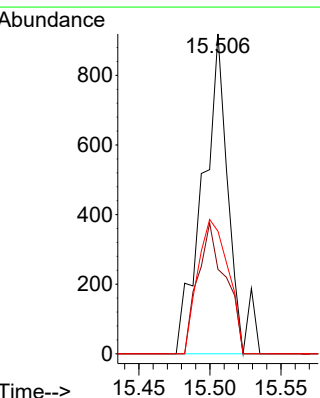
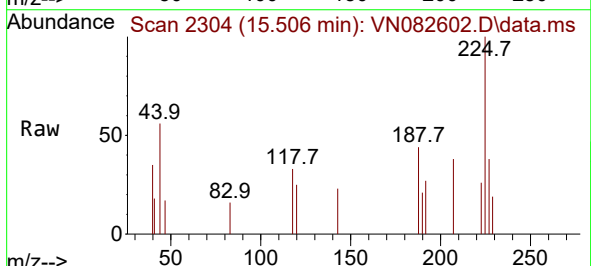
RT: 15.506 min Scan# 2304

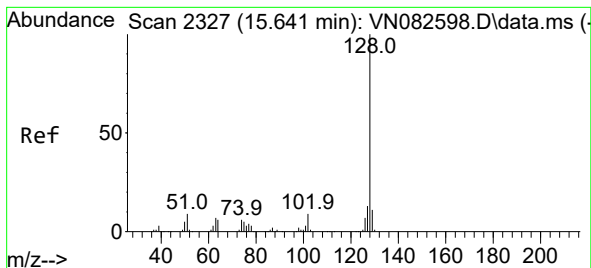
Delta R.T. 0.001 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion:	225	Resp:	1165
Ion Ratio	Lower	Upper	
225	100		
223	43.5	31.9	95.7
227	49.4	32.5	97.5





#95

Naphthalene

Concen: 0.919 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

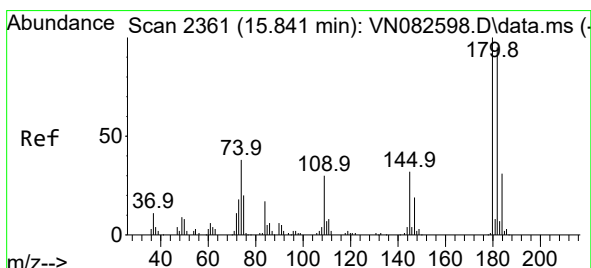
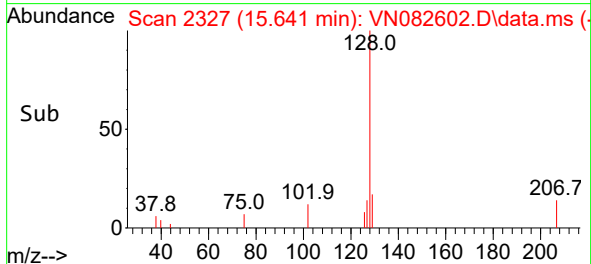
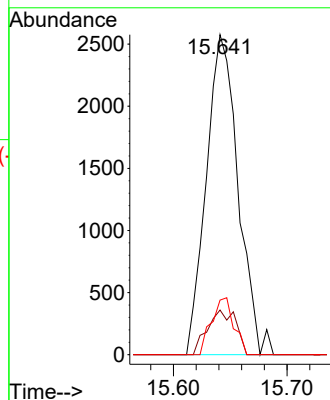
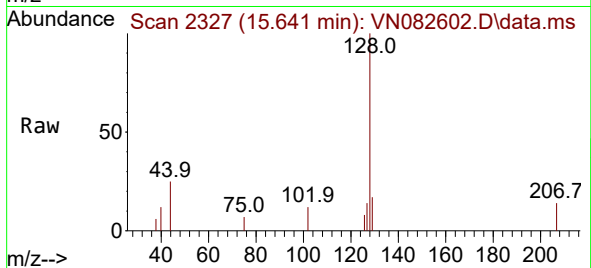
Tgt Ion:	128	Resp:	501
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	12.5	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 1.117 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion:	180	Resp:	2020
Ion	Ratio	Lower	Upper
180	100		
182	82.1	48.9	146.8
145	34.5	16.8	50.4

