

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077679.D
 Acq On : 15 May 2023 20:06
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: May 16 02:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:54:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	347549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3551	0.898	ug/l	81
3) Chloromethane	2.365	50	6025	1.271	ug/l #	78
4) Vinyl Chloride	2.512	62	4766	0.956	ug/l	100
6) Chloroethane	3.130	64	3567m	0.990	ug/l	
7) Trichlorofluoromethane	3.501	101	6745	0.971	ug/l #	68
8) Diethyl Ether	3.977	74	2680	1.056	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	3535m	0.919	ug/l	
12) 1,1-Dichloroethene	4.348	96	3504	0.959	ug/l #	86
14) Allyl chloride	5.036	41	5330m	0.990	ug/l	
15) Acrylonitrile	5.724	53	10258	5.350	ug/l	98
16) Acetone	4.442	43	9893m	6.008	ug/l	
17) Carbon Disulfide	4.718	76	11479	1.165	ug/l #	94
18) Methyl Acetate	5.030	43	7511	1.094	ug/l #	63
19) Methyl tert-butyl Ether	5.806	73	13370	1.010	ug/l	93
20) Methylene Chloride	5.289	84	6402	1.306	ug/l #	80
21) trans-1,2-Dichloroethene	5.800	96	4307	1.049	ug/l #	85
22) Diisopropyl ether	6.671	45	12879	1.023	ug/l #	87
23) Vinyl Acetate	6.612	43	37468	4.804	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	7700	0.999	ug/l #	81
25) 2-Butanone	7.494	43	14080	5.502	ug/l	96
26) 2,2-Dichloropropane	7.500	77	5501	0.840	ug/l	89
27) cis-1,2-Dichloroethene	7.494	96	4879	0.991	ug/l	85
28) Bromochloromethane	7.824	49	3623	1.086	ug/l #	85
29) Tetrahydrofuran	7.853	42	9689	5.782	ug/l #	80
30) Chloroform	7.977	83	9409	1.109	ug/l #	81
32) 1,1,1-Trichloroethane	8.189	97	6824	0.946	ug/l #	49
36) 1,1-Dichloropropene	8.371	75	6025	0.974	ug/l	86
37) Ethyl Acetate	7.571	43	6948	1.260	ug/l #	71
38) Carbon Tetrachloride	8.365	117	5778	0.925	ug/l	89
39) Methylcyclohexane	9.612	83	7133	0.942	ug/l #	82
40) Benzene	8.612	78	17879	0.979	ug/l	93
41) Methacrylonitrile	7.794	41	3328	1.133	ug/l #	70
42) 1,2-Dichloroethane	8.683	62	7272	1.097	ug/l	99
43) Isopropyl Acetate	8.700	43	9823	1.091	ug/l #	95
44) Trichloroethene	9.353	130	4577	0.990	ug/l	96
45) 1,2-Dichloropropane	9.630	63	4632	0.995	ug/l	94

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 ClientSampleId :
 VSTDIC001

Manual Integrations
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 Supervised By : Mahesh Dadoda 05/16/2023

Quant Time: May 16 02:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:54:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	3701	1.111	ug/l	90
47) Bromodichloromethane	9.894	83	6069	0.951	ug/l #	97
48) Methyl methacrylate	9.688	41	4437	1.039	ug/l	88
49) 1,4-Dioxane	9.706	88	1537m	19.054	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	26835	5.012	ug/l	88
52) Toluene	10.641	92	10677	0.939	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	6178	0.914	ug/l #	80
54) cis-1,3-Dichloropropene	10.312	75	7510	1.009	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	4584	1.016	ug/l	97
56) Ethyl methacrylate	10.877	69	6603	0.968	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	7723	0.998	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.159	63	16382	4.880	ug/l	91
59) 2-Hexanone	11.206	43	19721	4.980	ug/l	88
60) Dibromochloromethane	11.365	129	4419	0.949	ug/l	96
61) 1,2-Dibromoethane	11.471	107	4071	0.904	ug/l	85
64) Tetrachloroethene	11.106	164	4358	1.119	ug/l #	78
65) Chlorobenzene	11.900	112	12478	1.034	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	3807	0.911	ug/l #	62
67) Ethyl Benzene	11.971	91	19544	0.903	ug/l	98
68) m/p-Xylenes	12.082	106	14953	1.824	ug/l	93
69) o-Xylene	12.412	106	7539	0.935	ug/l	96
70) Styrene	12.418	104	11130	0.869	ug/l	88
71) Bromoform	12.582	173	2348	0.845	ug/l #	81
73) Isopropylbenzene	12.700	105	16730	0.922	ug/l	99
74) N-amyl acetate	12.506	43	7682	1.146	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	6394	1.146	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	6053m	1.191	ug/l	
77) Bromobenzene	12.988	156	4843	1.170	ug/l	95
78) n-propylbenzene	13.047	91	21120	0.988	ug/l	98
79) 2-Chlorotoluene	13.135	91	12625	0.989	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	14448	0.948	ug/l	98
82) 4-Chlorotoluene	13.223	91	13332	1.050	ug/l	89
83) tert-Butylbenzene	13.441	119	12472	0.937	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	13458	0.898	ug/l	96
85) sec-Butylbenzene	13.623	105	17209	0.910	ug/l	98
86) p-Isopropyltoluene	13.741	119	13224	0.877	ug/l	91
87) 1,3-Dichlorobenzene	13.741	146	8634	1.128	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	8452m	1.113	ug/l	
89) n-Butylbenzene	14.059	91	12739	0.919	ug/l	94
90) Hexachloroethane	14.335	117	1859	0.751	ug/l	75
91) 1,2-Dichlorobenzene	14.118	146	6530	0.913	ug/l	79
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1262	1.168	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.406	180	4912	1.175	ug/l	97
94) Hexachlorobutadiene	15.517	225	1840	1.061	ug/l	98
95) Naphthalene	15.653	128	16952	1.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	4431	1.083	ug/l	92

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

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

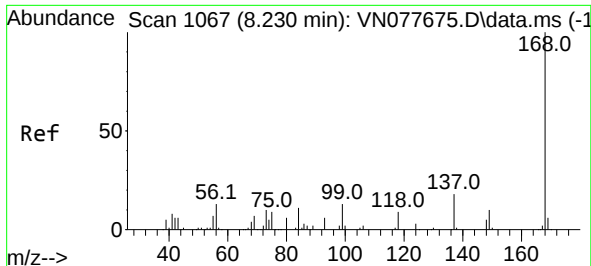
Abundance

TIC: VN077679.D\data.ms

Time-->

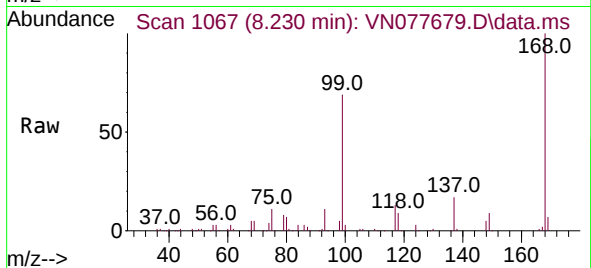
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Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
1,1-Dichloroethane, T
Acetone, T
Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Acetylene, T
1,1-Dichloroethane, P
1,1-Dichloroethane, T
2,2-Dichloropropane, T
Methoxybenzene, T
Chloroform, C
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
Isobutylene, TM
Trichloroethene, TM
Methoxybenzene, C
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
1,3-Dichloropropane, T
1,2-Dichloroethane, T
1,3-Dichloropropane, T
Dibromochloromethane, T
1,2-Dibromobenzene, T
1,1,2-Trichloroethane, TM
Ethyl 2-bromochloroacetate, T
m,p-Xylenes, I
Styrene, T
Bromobenzene, T
Isopropyl benzene, T
1,2,3-Trichlorobenzene, P
1,2,4-Trichlorobenzene, T
4-Chlorobenzonitrile, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,3-Dibromobenzene, T
1,4-Dichlorobenzene, T
1,2-Dibromobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

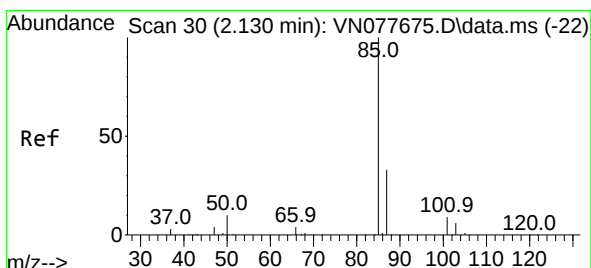
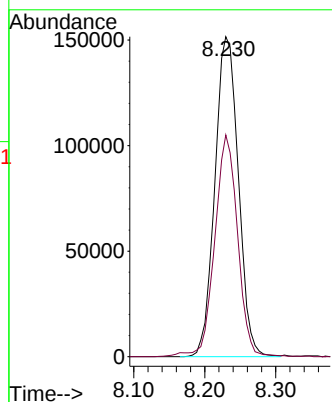
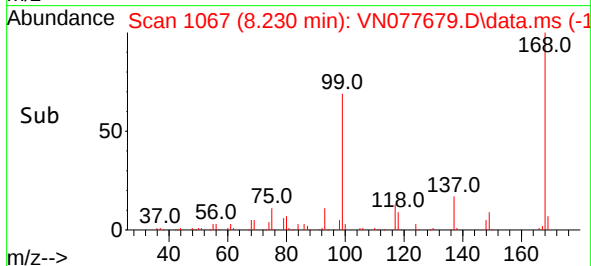
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 347549
Ion Ratio Lower Upper
168 100
99 69.0 53.0 79.6

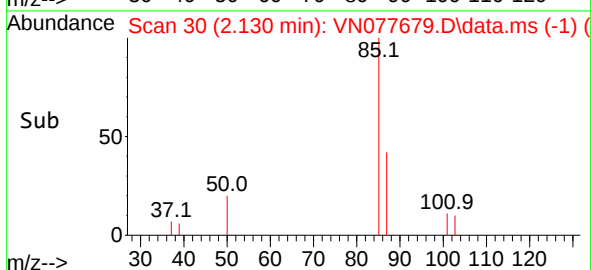
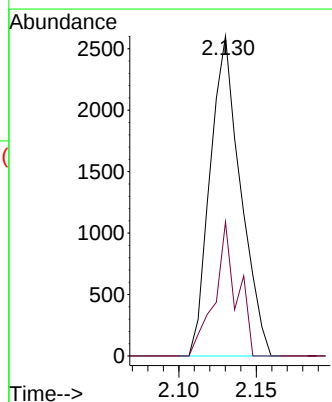
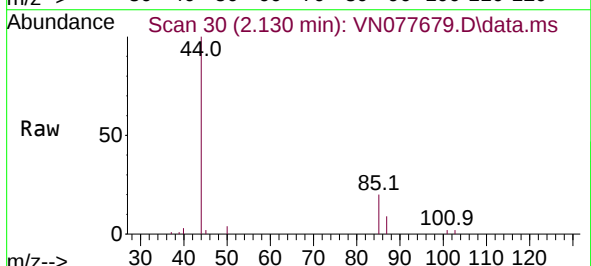
Manual Integrations
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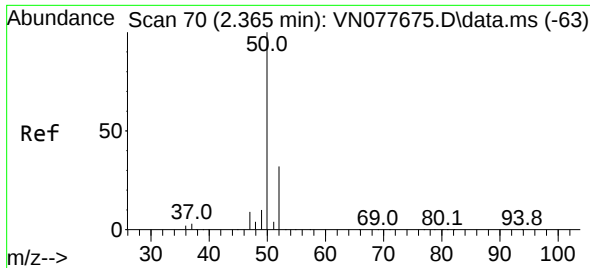
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#2
Dichlorodifluoromethane
Concen: 0.898 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

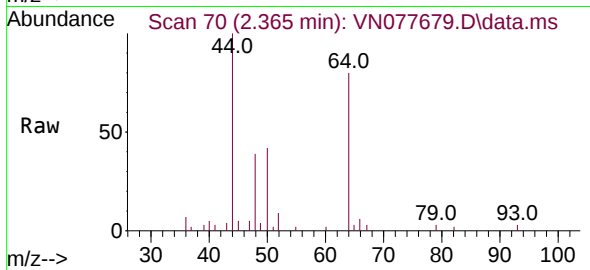
Tgt Ion: 85 Resp: 3551
Ion Ratio Lower Upper
85 100
87 41.9 15.8 47.4





#3
Chloromethane
Concen: 1.271 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

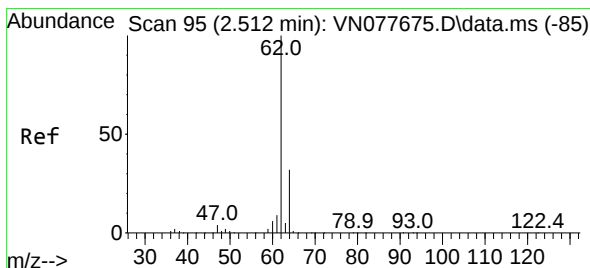
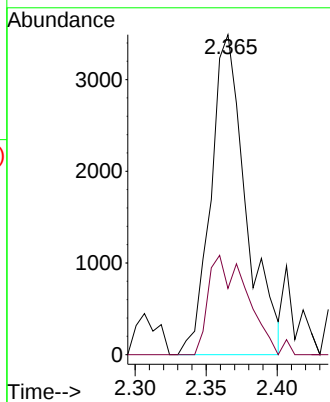
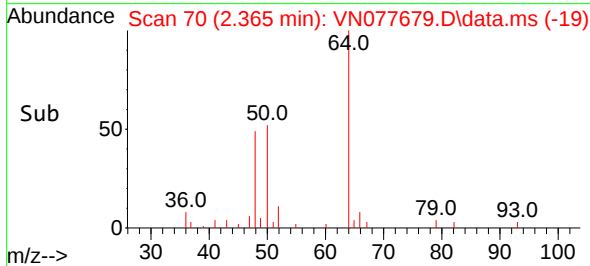
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 6025
Ion Ratio Lower Upper
50 100
52 20.7 26.5 39.7

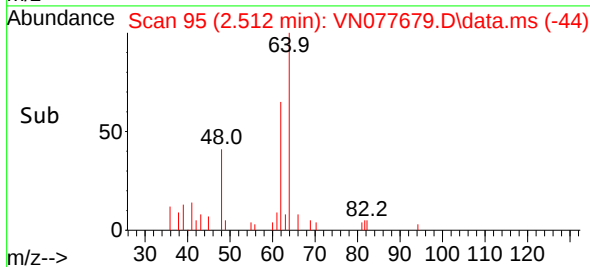
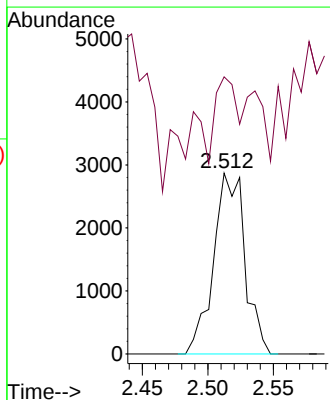
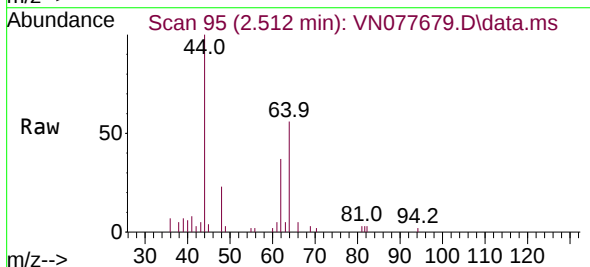
Manual Integrations
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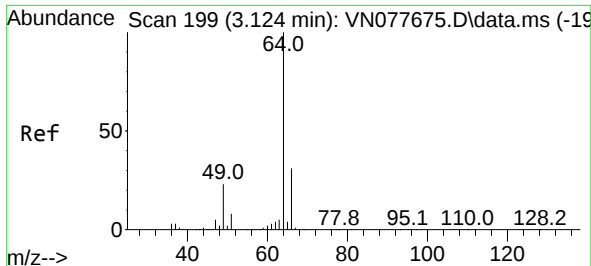
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#4
Vinyl Chloride
Concen: 0.956 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion: 62 Resp: 4766
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





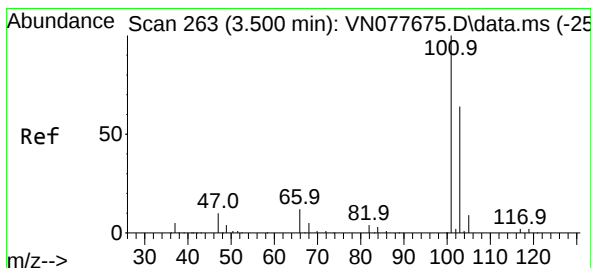
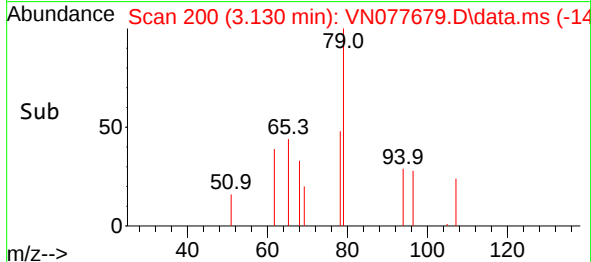
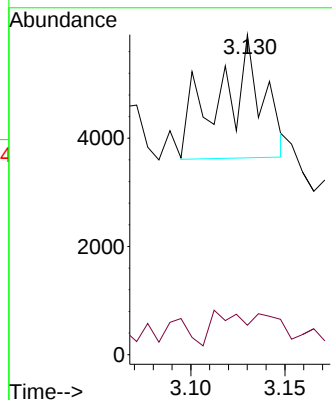
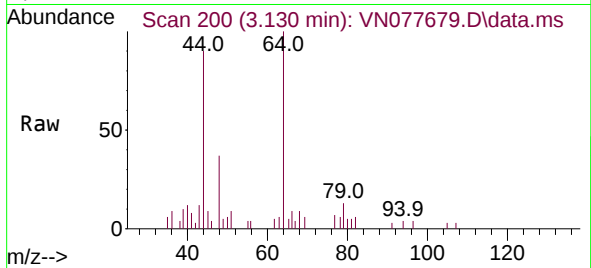
#6
Chloroethane
Concen: 0.990 ug/l m
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 356
Ion Ratio Lower Upper
64 100
66 9.2 25.4 38.2

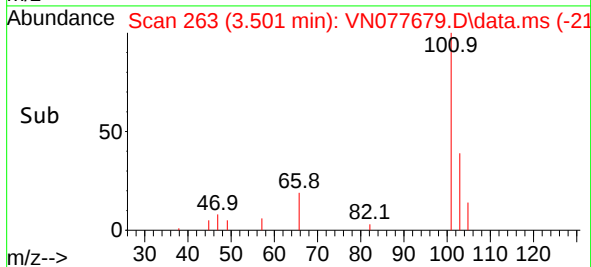
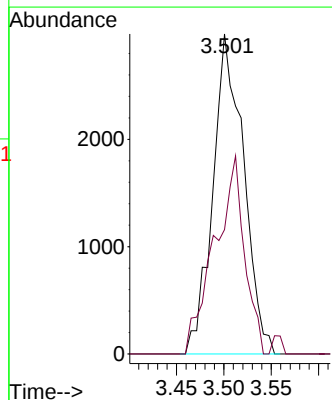
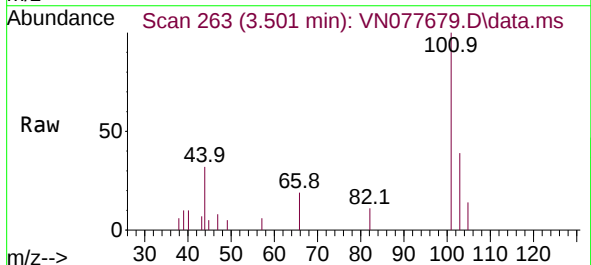
Manual Integrations
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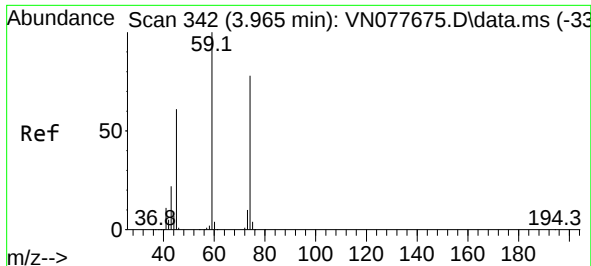
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#7
Trichlorofluoromethane
Concen: 0.971 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

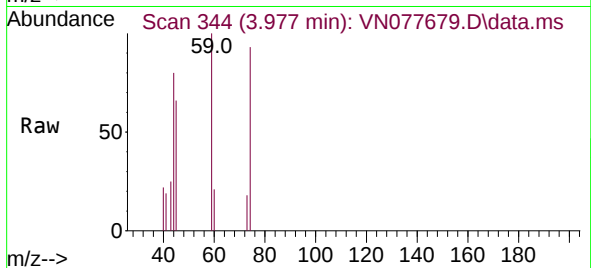
Tgt Ion:101 Resp: 6745
Ion Ratio Lower Upper
101 100
103 38.9 50.7 76.1#





#8
Diethyl Ether
Concen: 1.056 ug/l
RT: 3.977 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

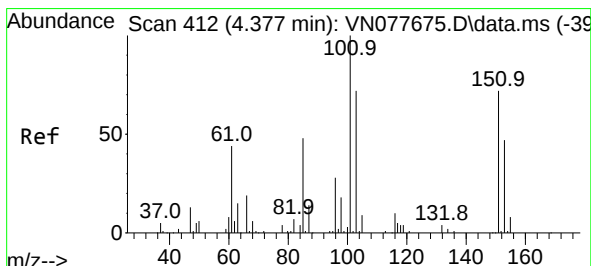
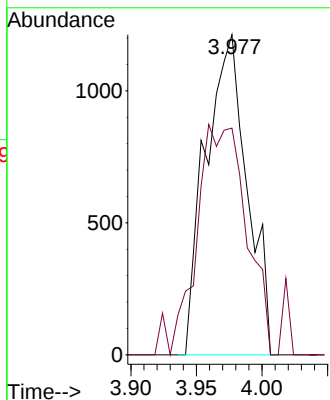
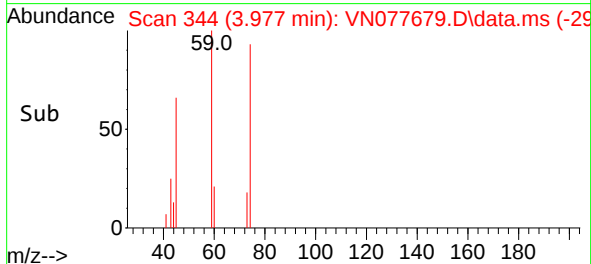
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 74 Resp: 2680
Ion Ratio Lower Upper
74 100
45 86.8 34.4 103.3

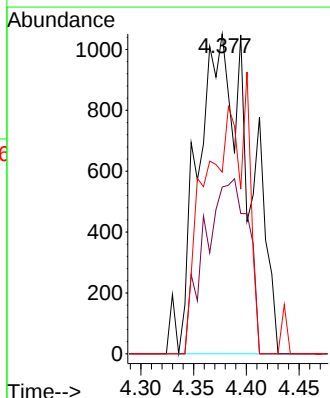
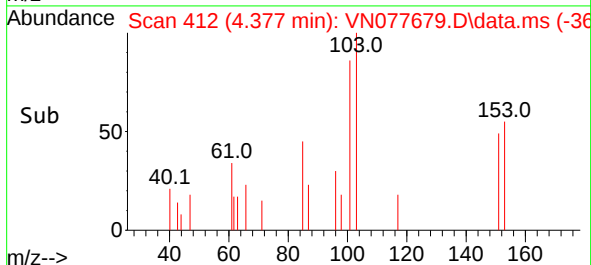
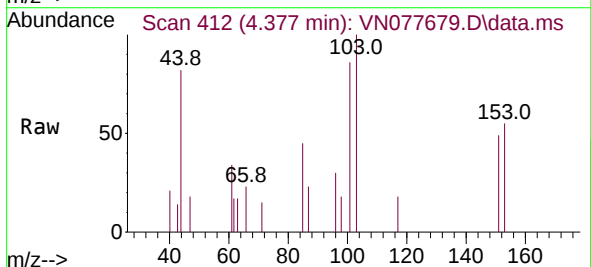
Manual Integrations
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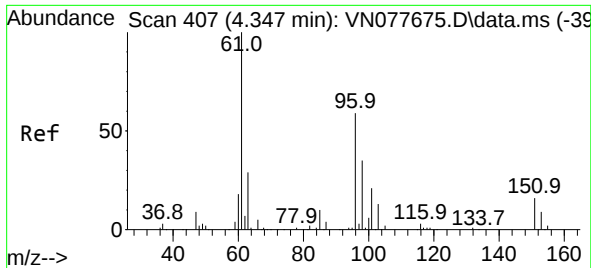
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.919 ug/l m
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

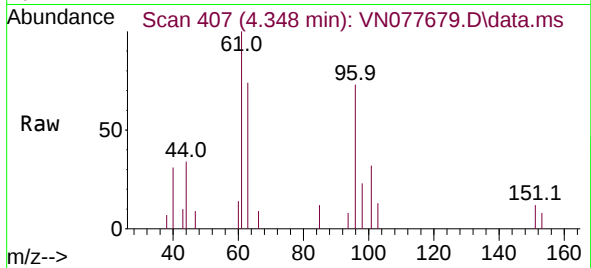
Tgt Ion:101 Resp: 3535
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 0.0 57.6 86.4#





#12
1,1-Dichloroethene
Concen: 0.959 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

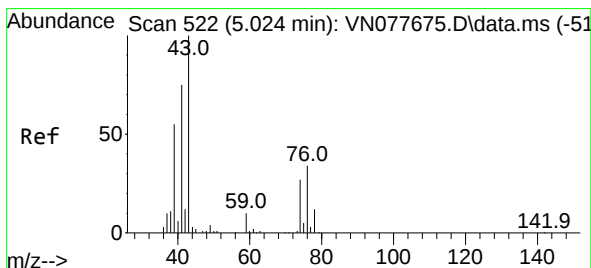
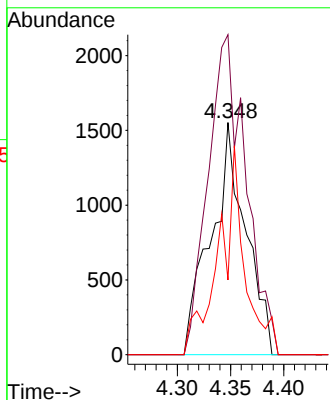
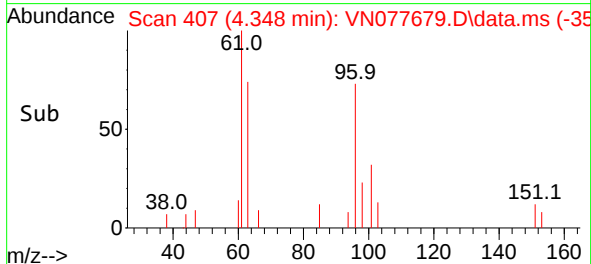
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



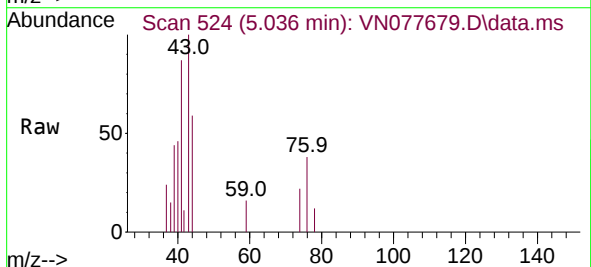
Tgt Ion: 96 Resp: 3504
Ion Ratio Lower Upper
96 100
61 137.8 112.7 169.1
98 32.2 51.2 76.8

Manual Integrations
APPROVED

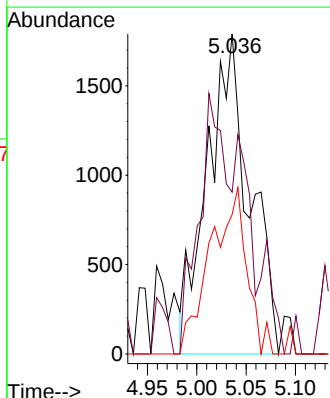
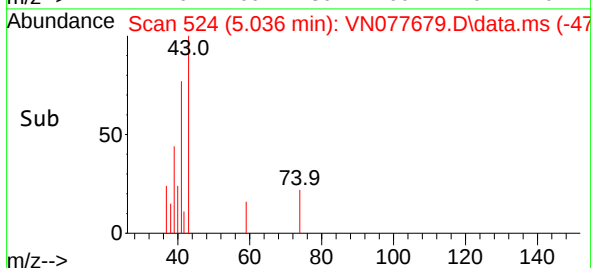
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

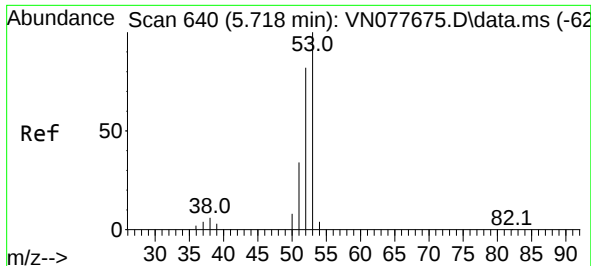


#14
Allyl chloride
Concen: 0.990 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



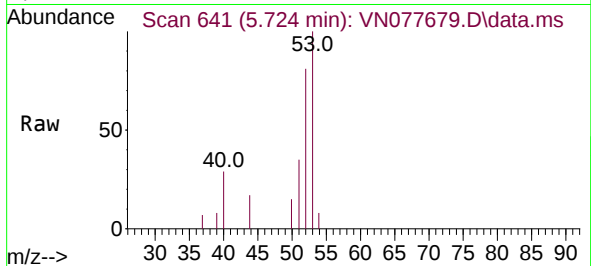
Tgt Ion: 41 Resp: 5330
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 44.9 39.1 58.7





#15
Acrylonitrile
Concen: 5.350 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

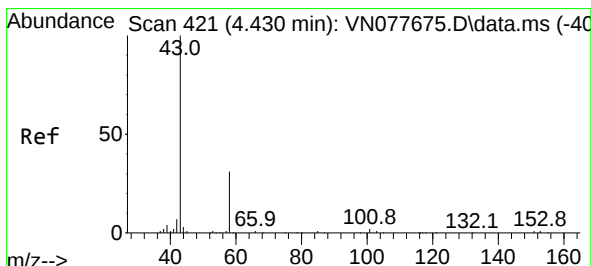
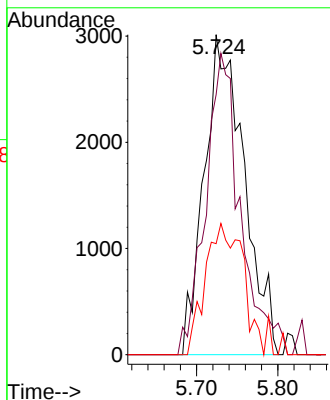
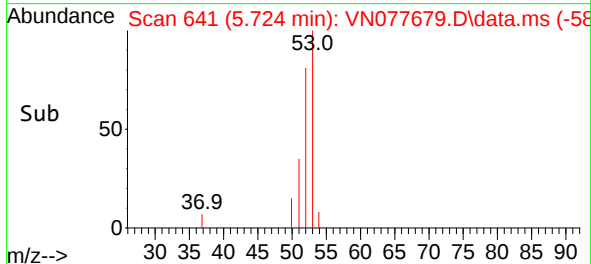
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



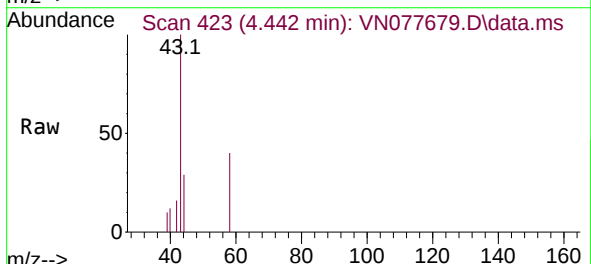
Tgt Ion: 53 Resp: 10258
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 38.8 28.9 43.3

Manual Integrations
APPROVED

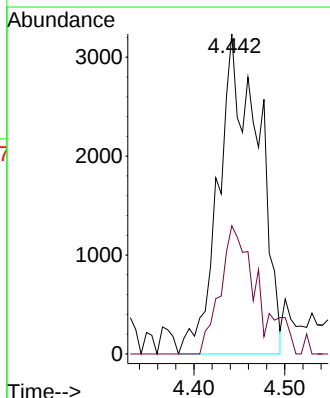
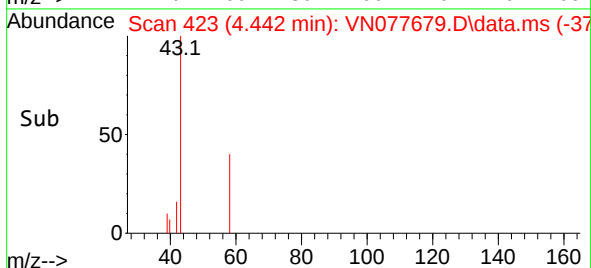
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

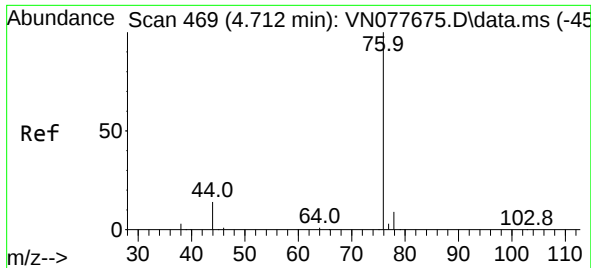


#16
Acetone
Concen: 6.008 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



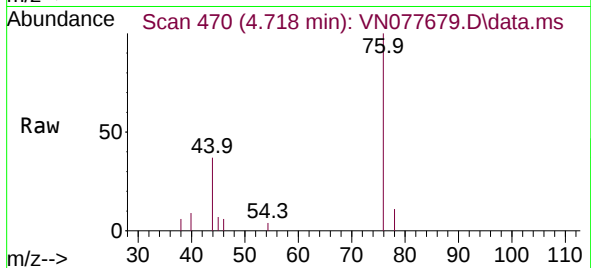
Tgt Ion: 43 Resp: 9893
Ion Ratio Lower Upper
43 100
58 40.1 28.0 42.0





#17
Carbon Disulfide
Concen: 1.165 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

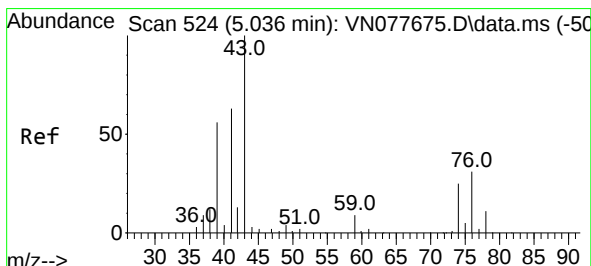
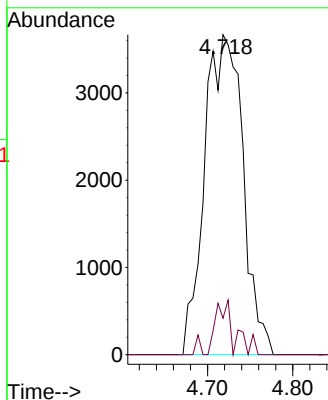
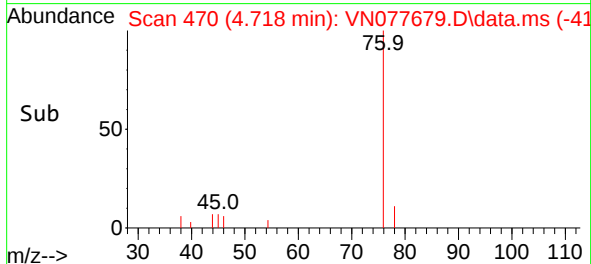
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



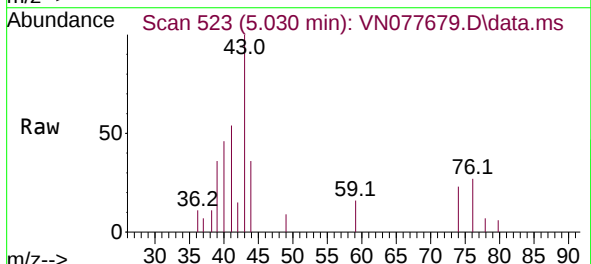
Tgt Ion: 76 Resp: 11479
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0

Manual Integrations
APPROVED

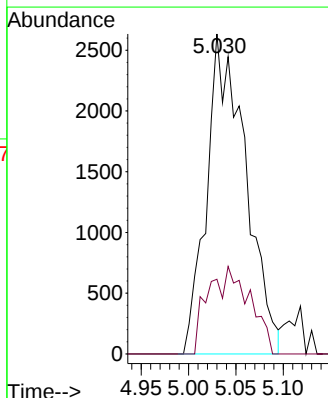
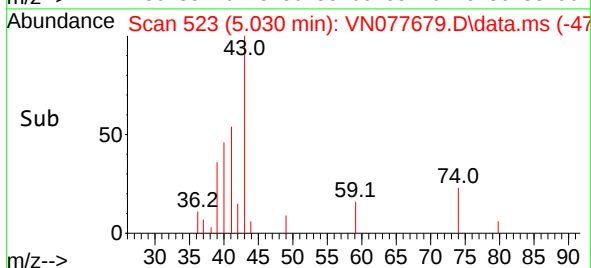
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

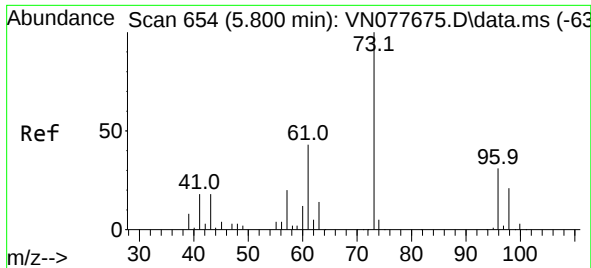


#18
Methyl Acetate
Concen: 1.094 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



Tgt Ion: 43 Resp: 7511
Ion Ratio Lower Upper
43 100
74 12.0 26.2 39.4





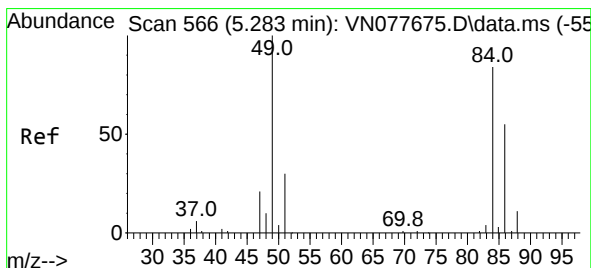
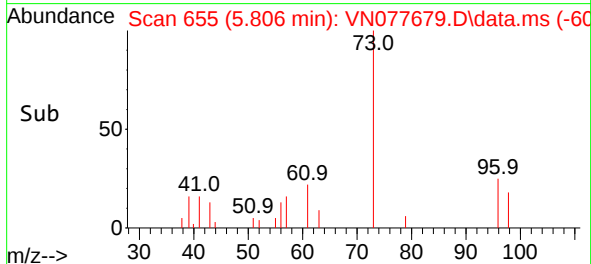
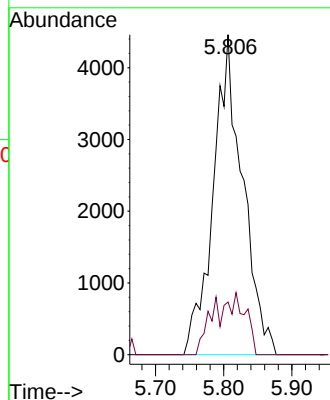
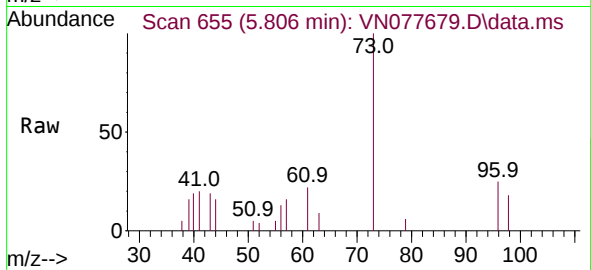
#19
Methyl tert-butyl Ether
Concen: 1.010 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 13370
Ion Ratio Lower Upper
73 100
57 16.5 15.6 23.4

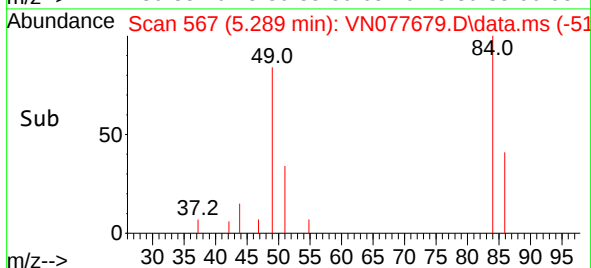
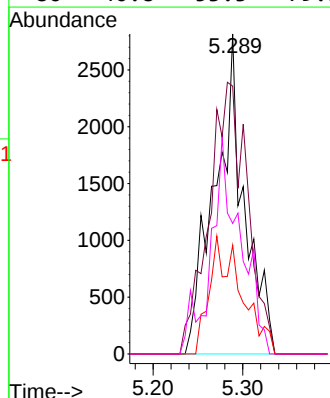
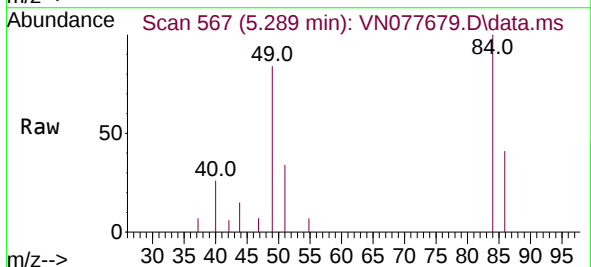
Manual Integrations
APPROVED

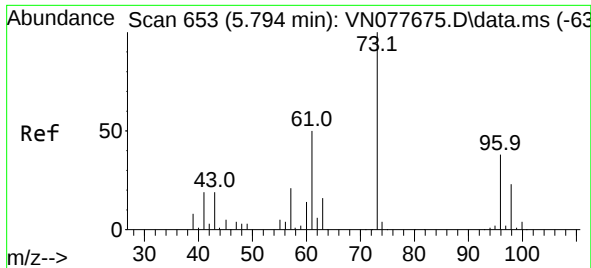
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 1.306 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

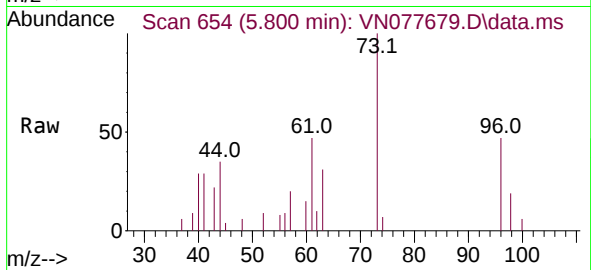
Tgt Ion: 84 Resp: 6402
Ion Ratio Lower Upper
84 100
49 83.7 79.7 119.5
51 34.0 25.2 37.8
86 40.8 53.3 79.9#





#21
trans-1,2-Dichloroethene
Concen: 1.049 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

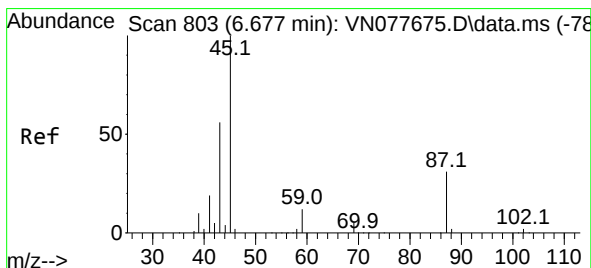
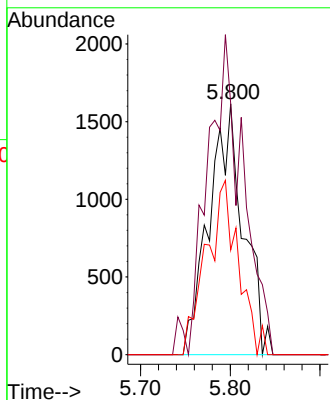
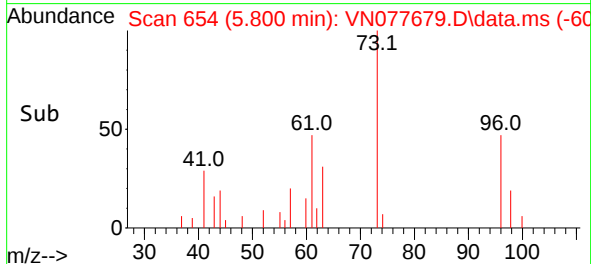
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 430
Ion Ratio Lower Upper
96 100
61 100.1 90.1 135.1
98 41.7 46.4 69.6

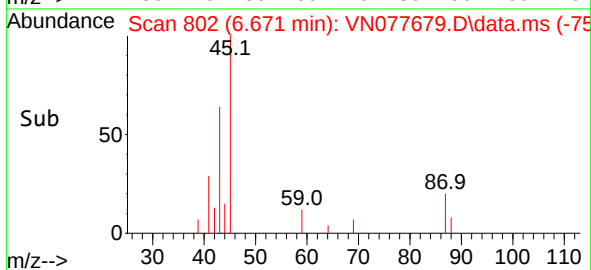
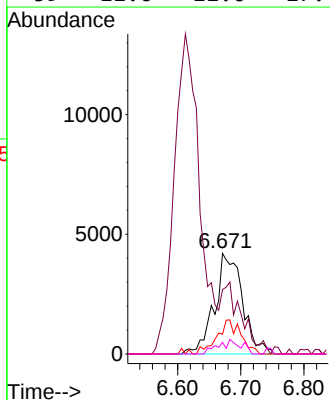
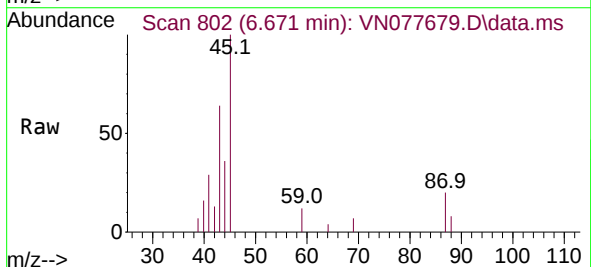
Manual Integrations
APPROVED

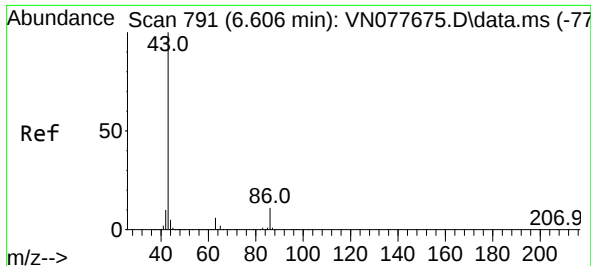
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 1.023 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

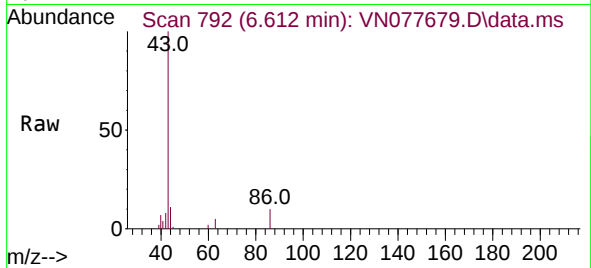
Tgt Ion: 45 Resp: 12879
Ion Ratio Lower Upper
45 100
43 57.6 45.5 68.3
87 19.6 31.8 47.8#
59 11.6 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 4.804 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

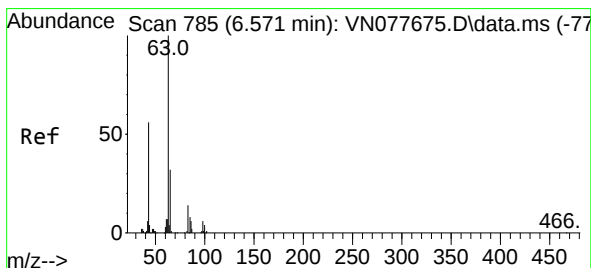
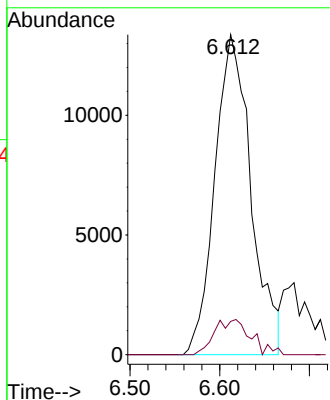
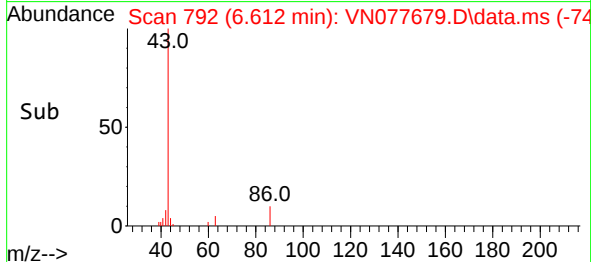
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001



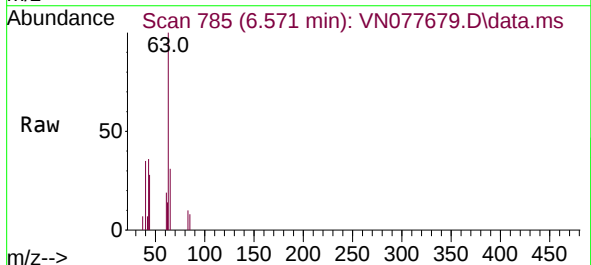
Tgt Ion: 43 Resp: 3746
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6

Manual Integrations
 APPROVED

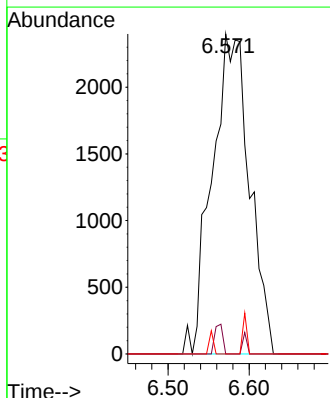
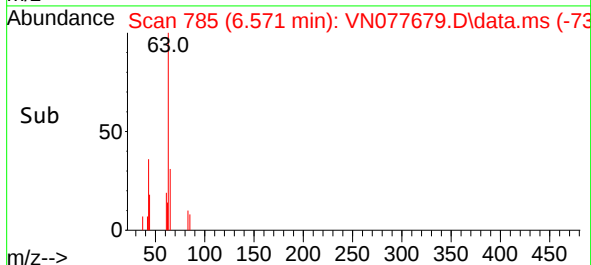
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

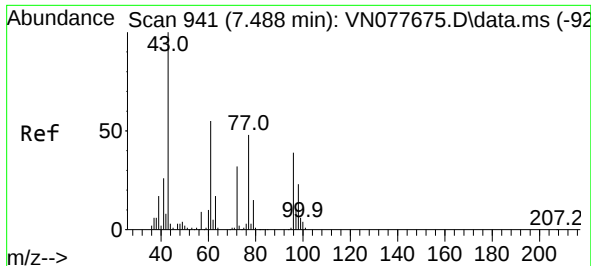


#24
 1,1-Dichloroethane
 Concen: 0.999 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06



Tgt Ion: 63 Resp: 7700
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 5.502 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 14080

Ion Ratio Lower Upper

43 100

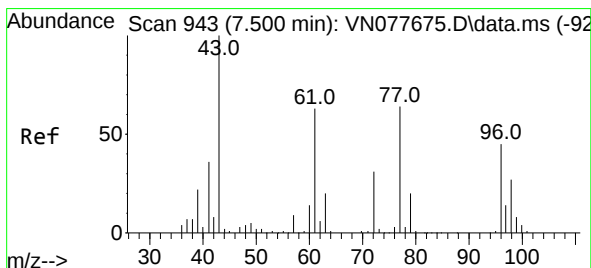
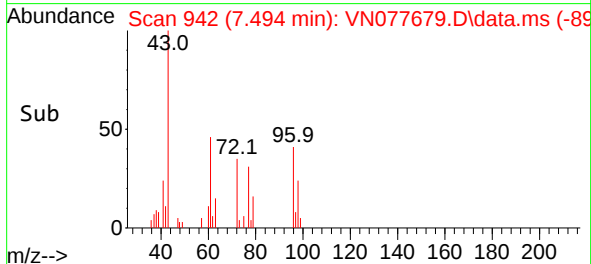
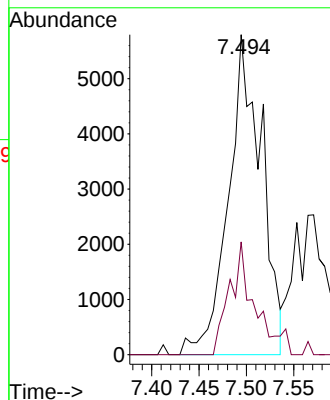
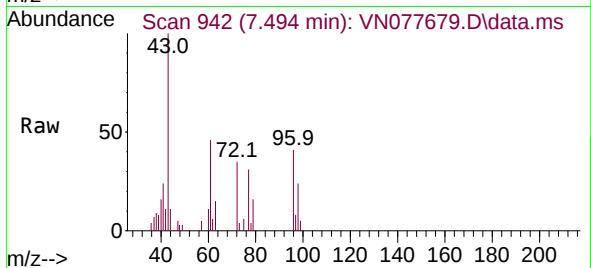
72 35.2 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#26

2,2-Dichloropropane

Concen: 0.840 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN077679.D

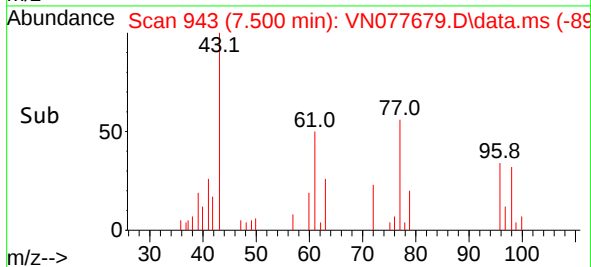
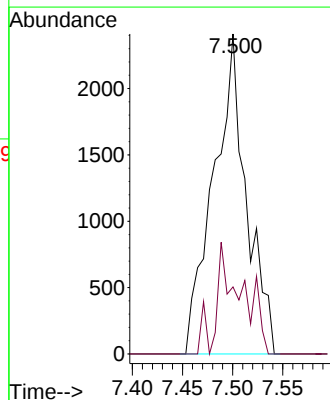
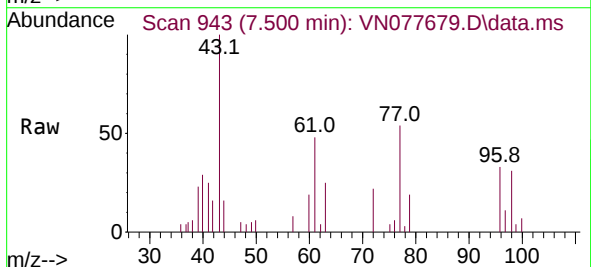
Acq: 15 May 2023 20:06

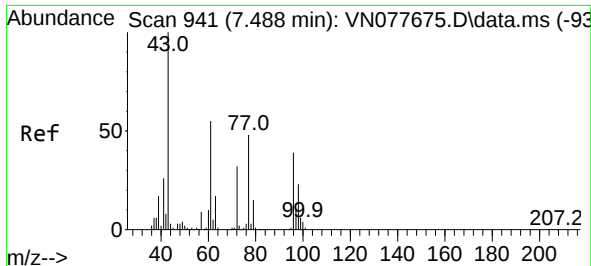
Tgt Ion: 77 Resp: 5501

Ion Ratio Lower Upper

77 100

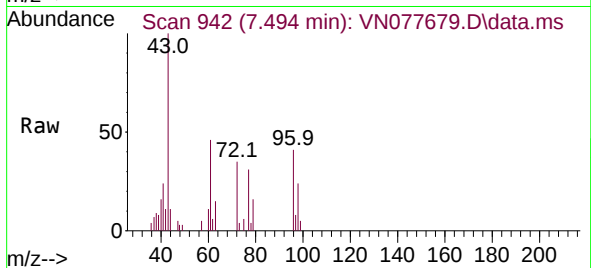
97 27.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.991 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

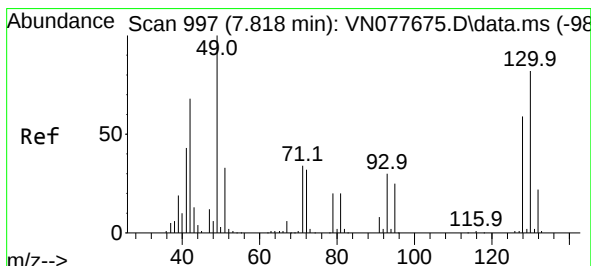
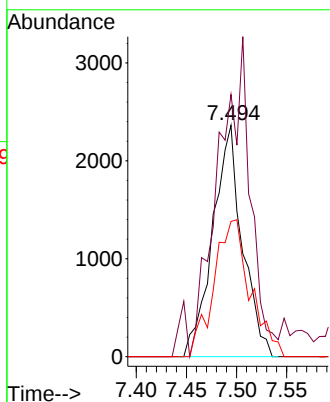
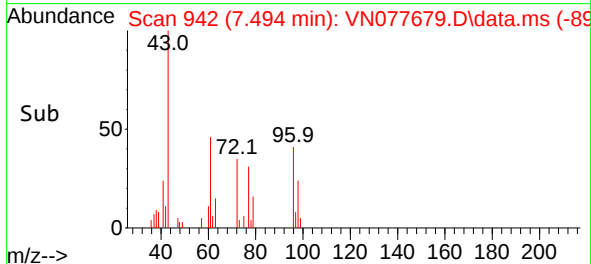
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 4879
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 255.2
 98 72.3 0.0 128.8

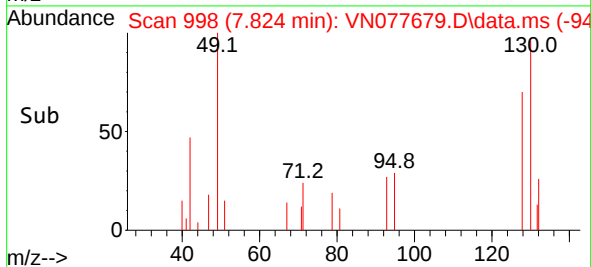
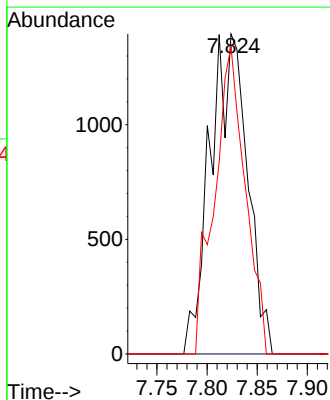
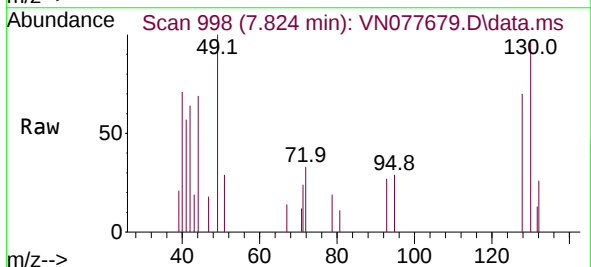
Manual Integrations
 APPROVED

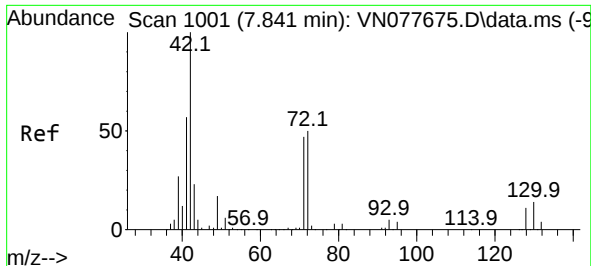
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#28
 Bromochloromethane
 Concen: 1.086 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

Tgt Ion: 49 Resp: 3623
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 79.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 5.782 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

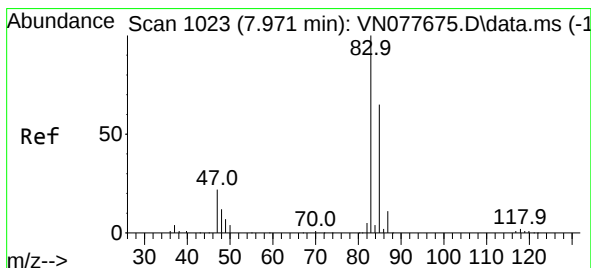
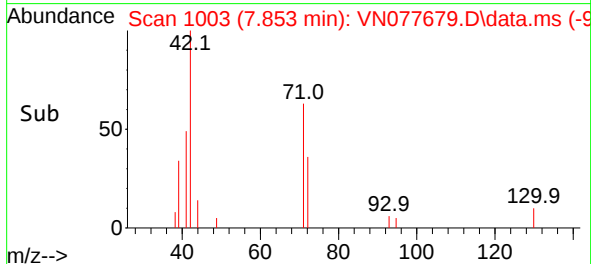
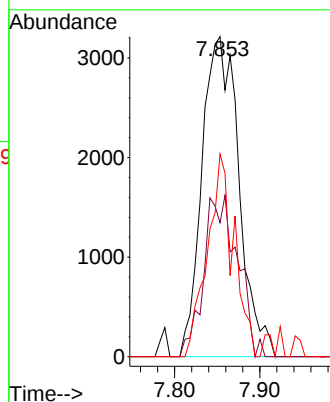
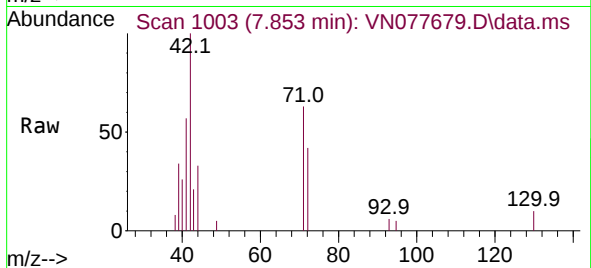
Tgt Ion: 42 Resp: 9689
 Ion Ratio Lower Upper
 42 100
 72 46.1 49.8 74.6
 71 45.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Chloroform

Concen: 1.109 ug/l

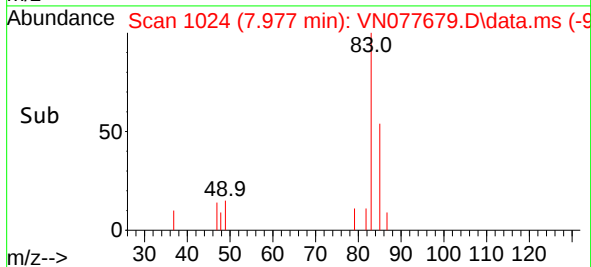
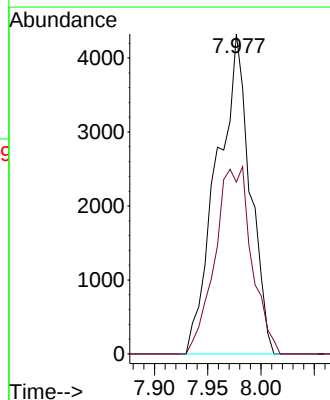
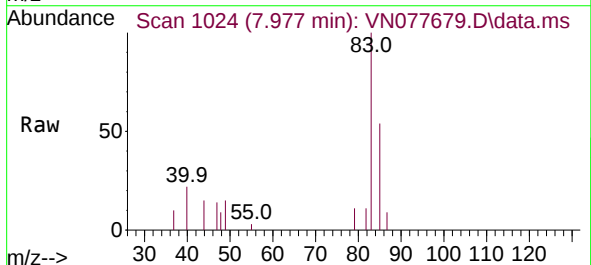
RT: 7.977 min Scan# 1024

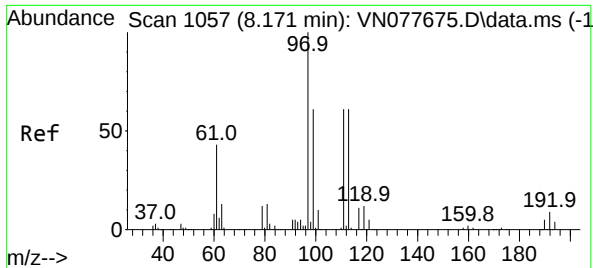
Delta R.T. 0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

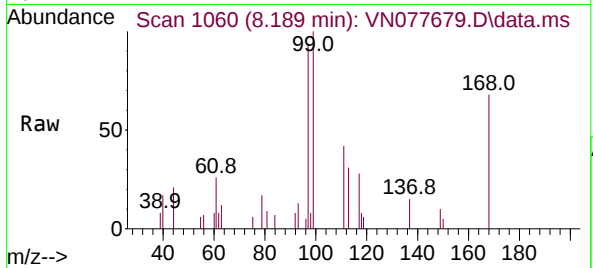
Tgt Ion: 83 Resp: 9409
 Ion Ratio Lower Upper
 83 100
 85 53.7 55.4 83.0





#32
1,1,1-Trichloroethane
Concen: 0.946 ug/l
RT: 8.189 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

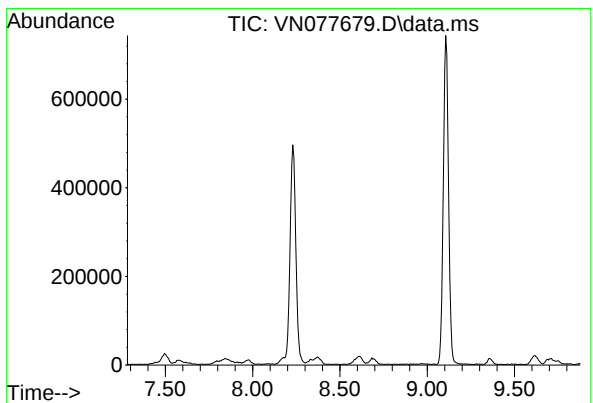
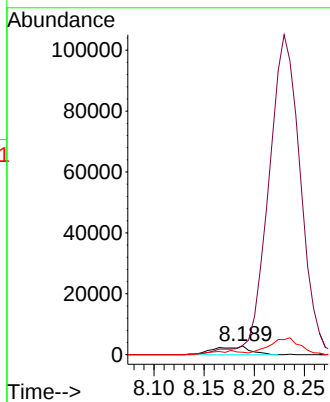
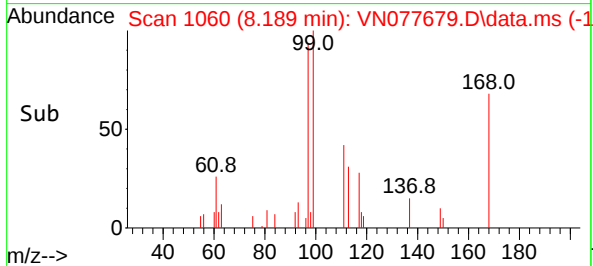
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 6824
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 39.3 34.7 52.1

Manual Integrations
APPROVED

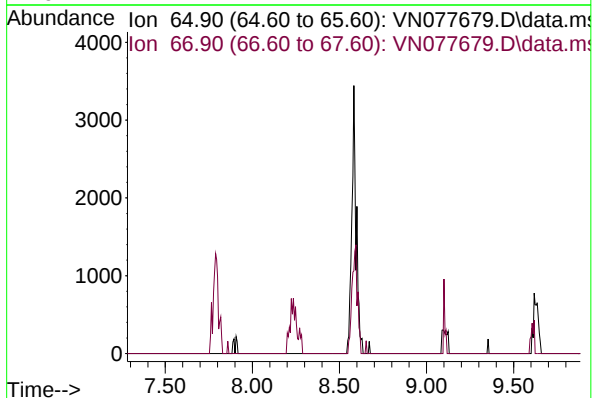
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

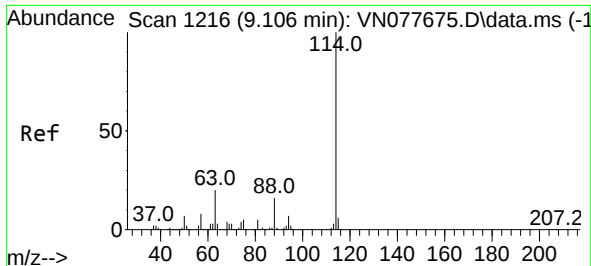


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 64864

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

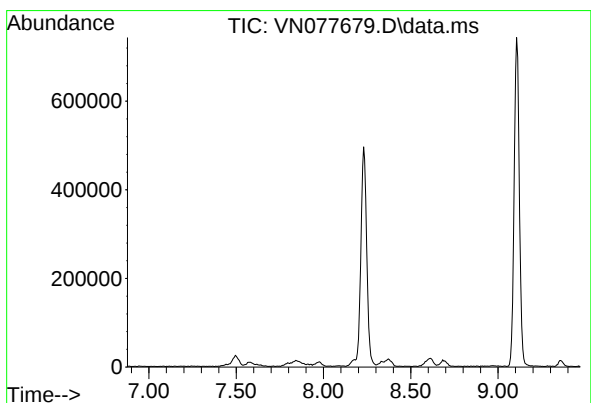
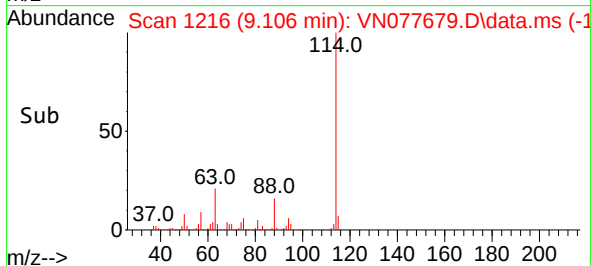
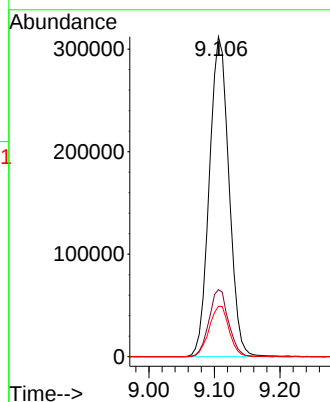
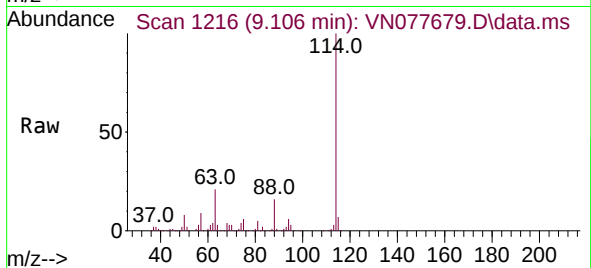
88 15.8 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.17 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

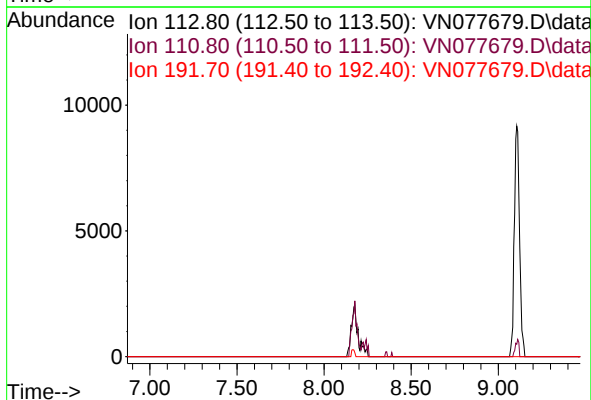
Tgt Ion: 113

Sig Exp Ratio

113 100

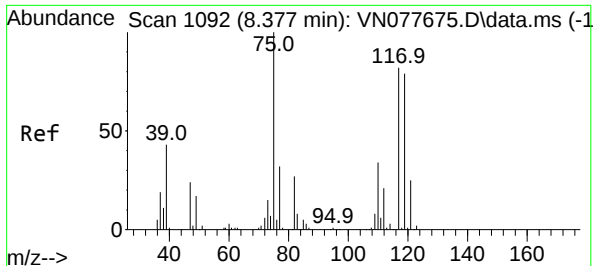
111 103.2

192 15.9



Ion 110.80 (110.50 to 111.50): VN077679.D\data.ms

Ion 191.70 (191.40 to 192.40): VN077679.D\data.ms



#36

1,1-Dichloropropene

Concen: 0.974 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

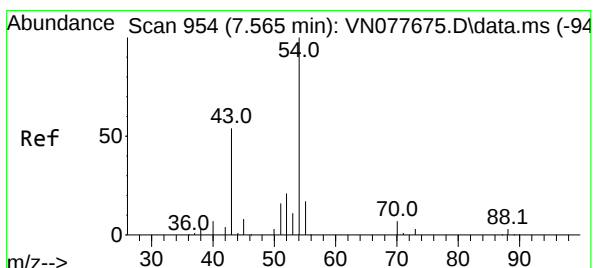
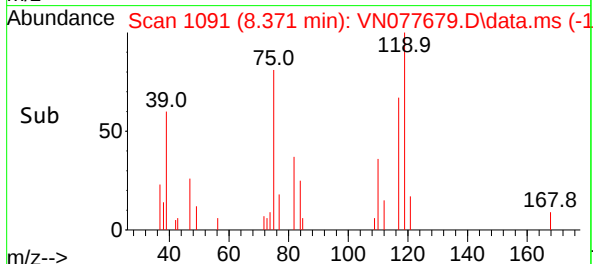
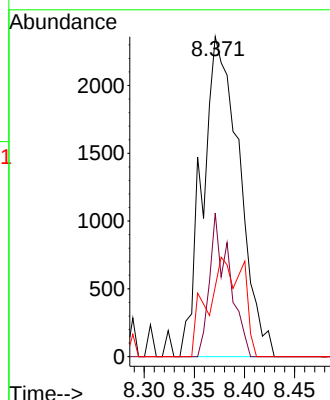
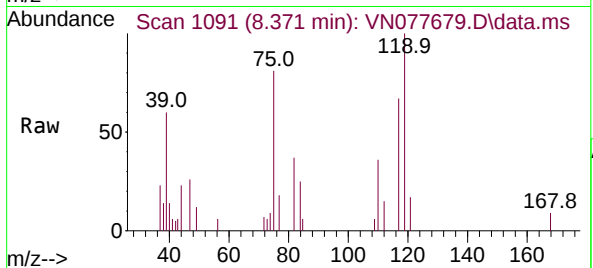
Tgt Ion:	75	Resp:	6029
Ion	Ratio	Lower	Upper
75	100		
110	24.1	19.1	57.3
77	29.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#37

Ethyl Acetate

Concen: 1.260 ug/l

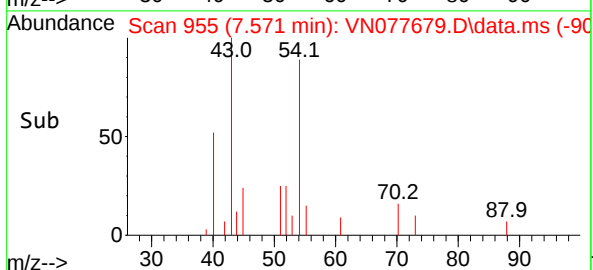
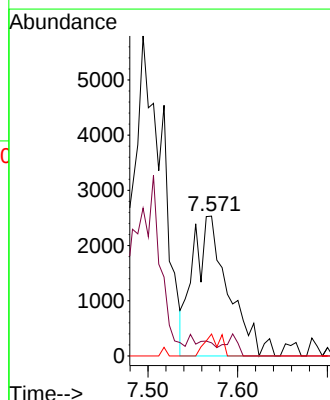
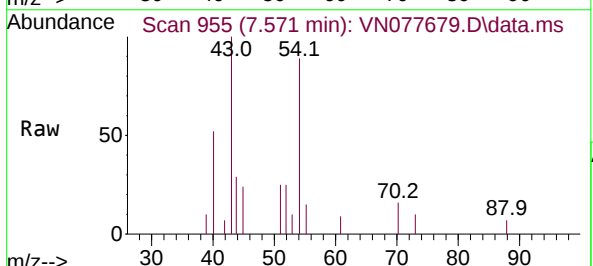
RT: 7.571 min Scan# 955

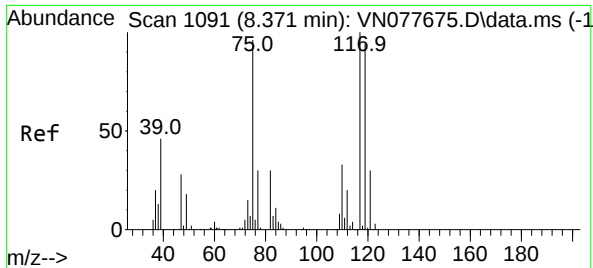
Delta R.T. 0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

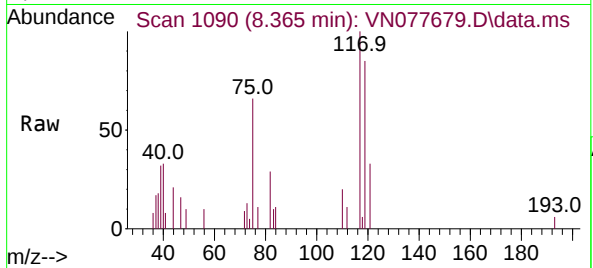
Tgt Ion:	43	Resp:	6948
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.2	19.8#
70	7.0	11.3	16.9#





#38
Carbon Tetrachloride
Concen: 0.925 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

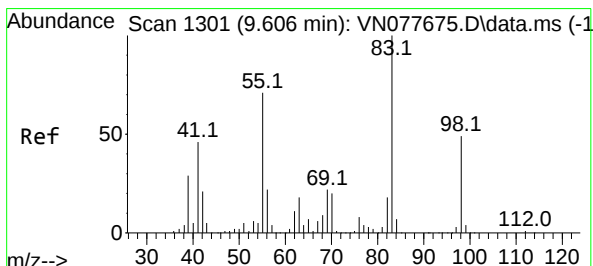
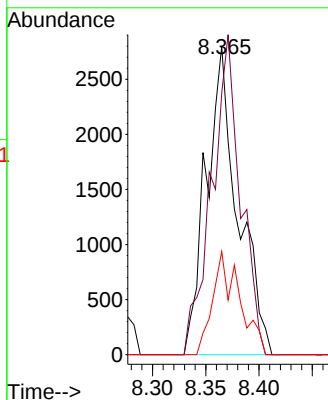
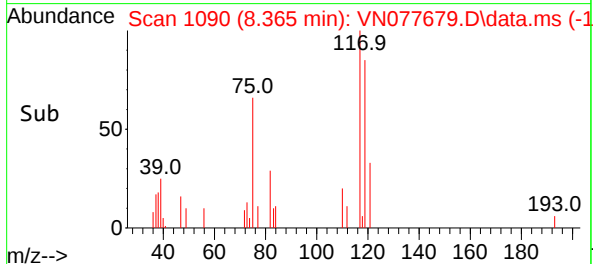
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



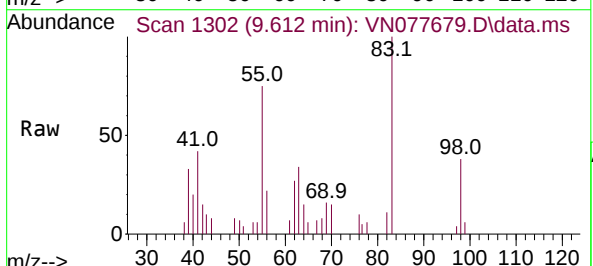
Tgt Ion: 117 Resp: 5778
Ion Ratio Lower Upper
117 100
119 84.8 77.3 115.9
121 33.4 23.3 34.9

Manual Integrations
APPROVED

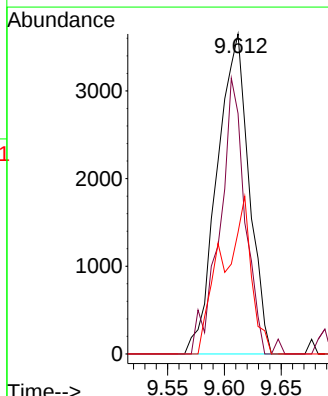
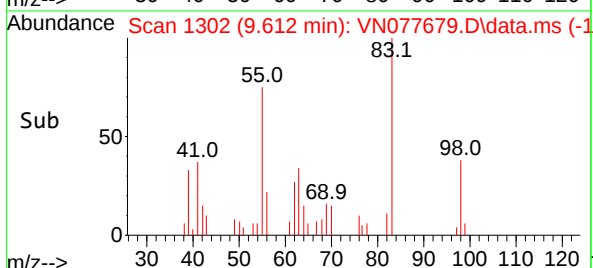
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

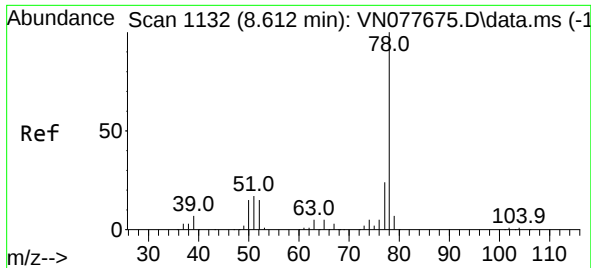


#39
Methylcyclohexane
Concen: 0.942 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



Tgt Ion: 83 Resp: 7133
Ion Ratio Lower Upper
83 100
55 75.1 49.1 73.7#
98 38.0 40.6 61.0#





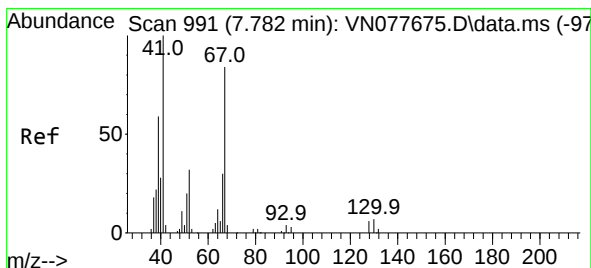
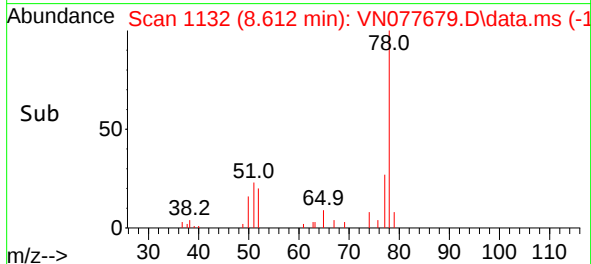
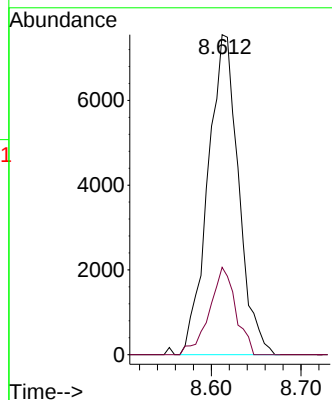
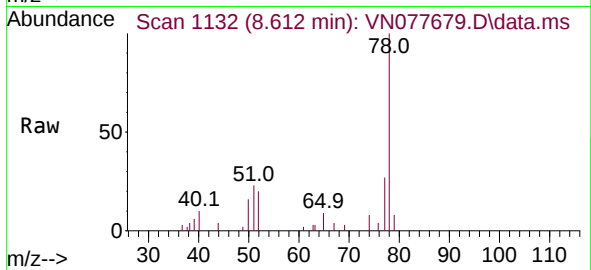
#40
Benzene
Concen: 0.979 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 17879
Ion Ratio Lower Upper
78 100
77 27.3 19.0 28.6

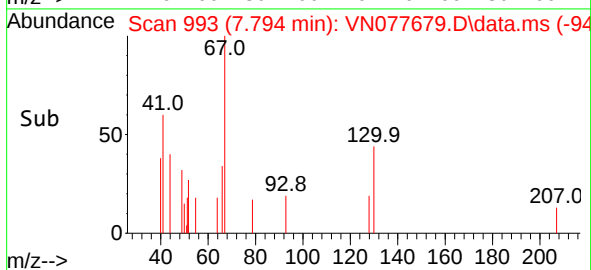
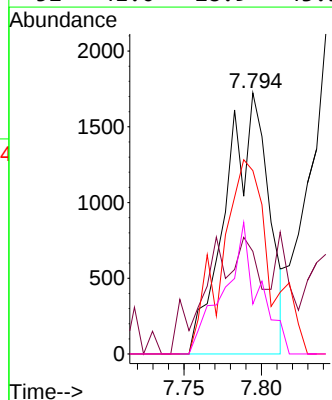
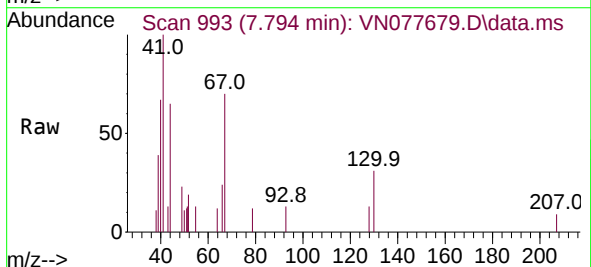
Manual Integrations
APPROVED

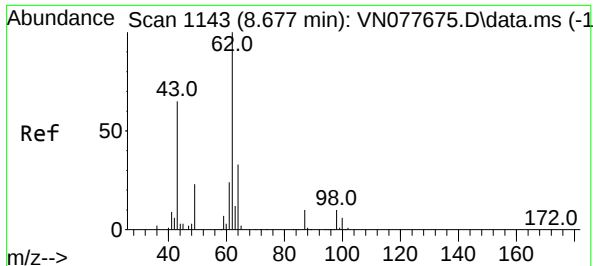
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#41
Methacrylonitrile
Concen: 1.133 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.012 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion: 41 Resp: 3328
Ion Ratio Lower Upper
41 100
39 0.0 42.6 64.0#
67 83.0 77.5 116.3
52 41.0 28.9 43.3





#42

1,2-Dichloroethane

Concen: 1.097 ug/l

RT: 8.683 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 727

Ion Ratio Lower Upper

62 100

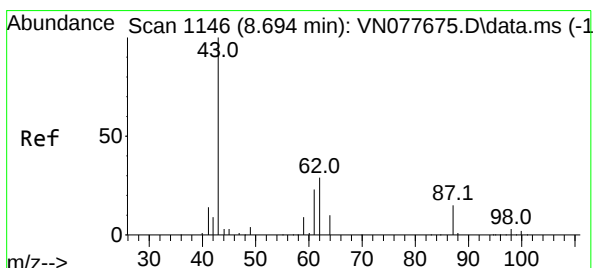
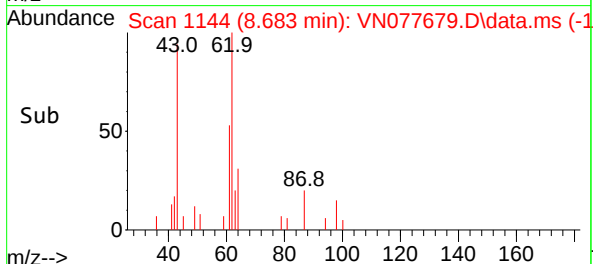
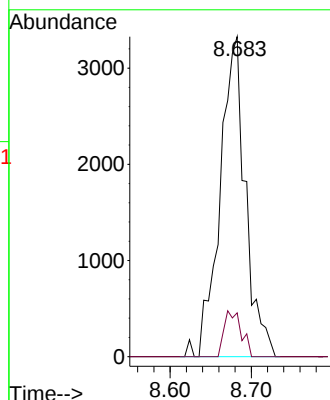
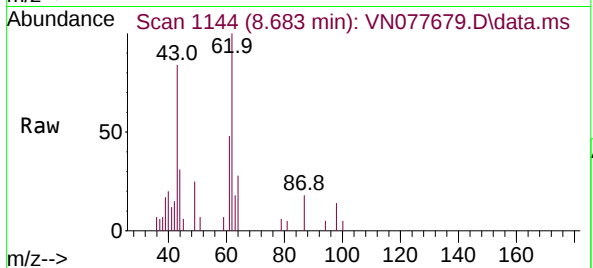
98 9.6 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#43

Isopropyl Acetate

Concen: 1.091 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

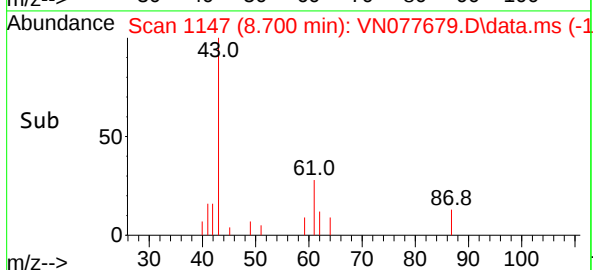
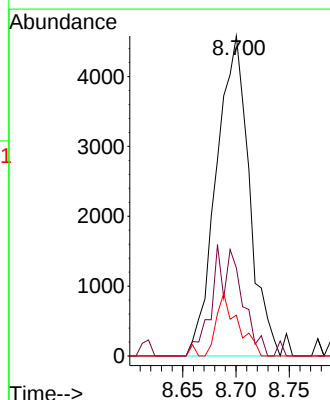
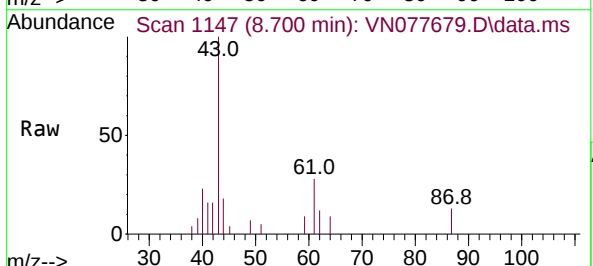
Tgt Ion: 43 Resp: 9823

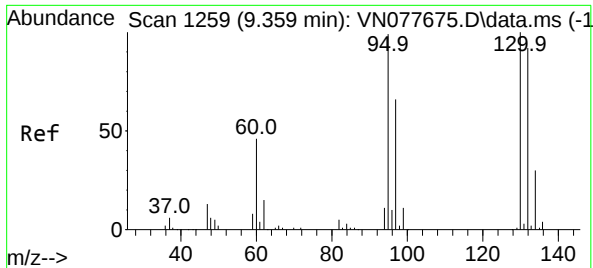
Ion Ratio Lower Upper

43 100

61 30.5 24.7 37.1

87 12.8 14.6 21.8





#44
Trichloroethene
Concen: 0.990 ug/l
RT: 9.353 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

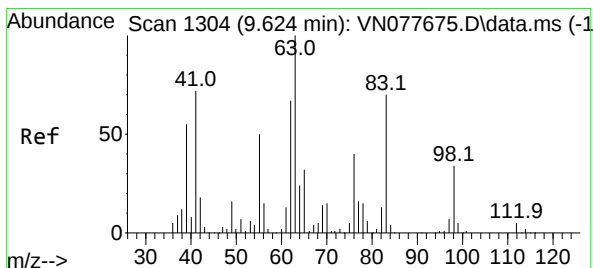
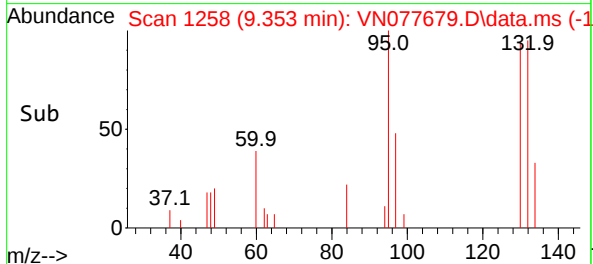
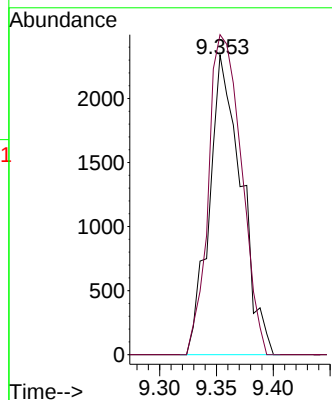
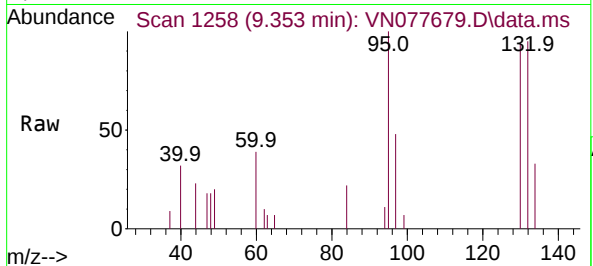
VSTDICC001

Tgt Ion:130 Resp: 4572
Ion Ratio Lower Upper
130 100
95 106.8 0.0 204.6

Manual Integrations

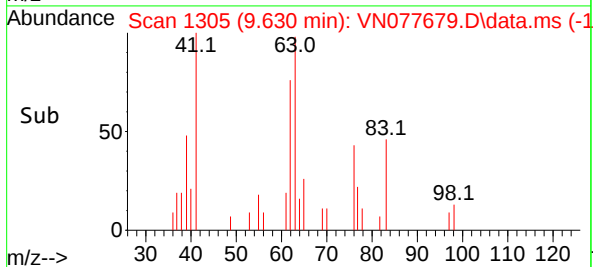
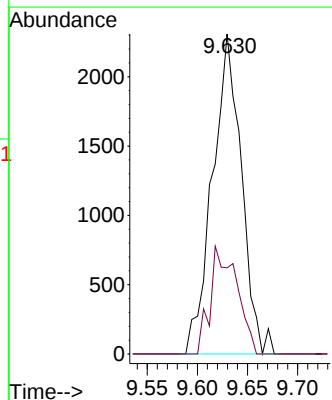
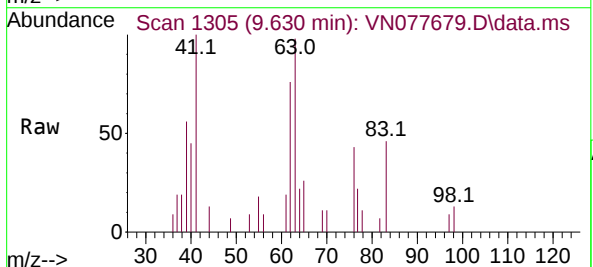
APPROVED

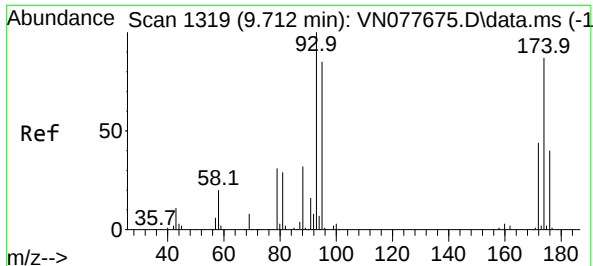
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#45
1,2-Dichloropropane
Concen: 0.995 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

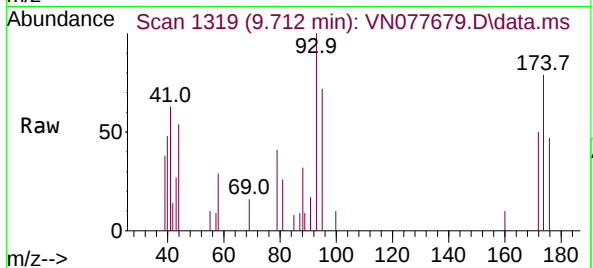
Tgt Ion: 63 Resp: 4632
Ion Ratio Lower Upper
63 100
65 26.9 23.9 35.9





#46
Dibromomethane
Concen: 1.111 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

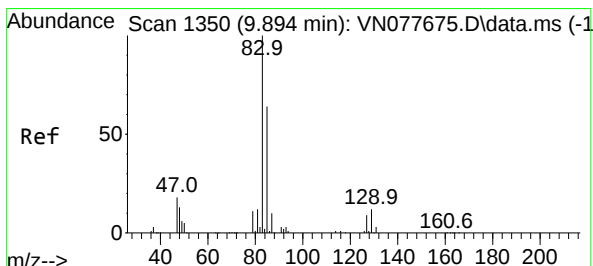
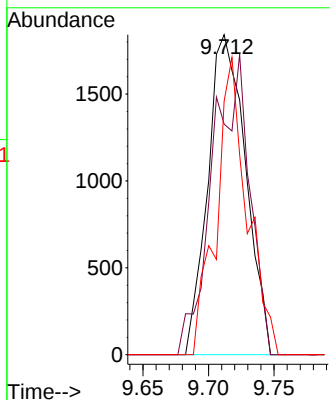
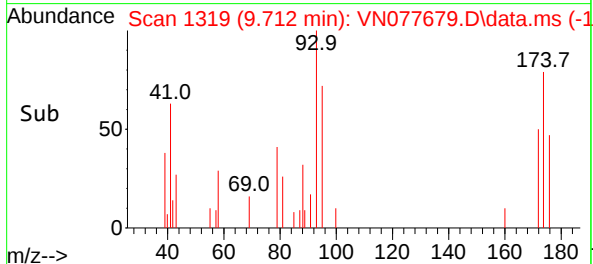
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



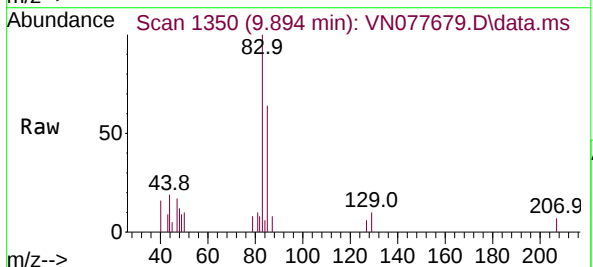
Tgt Ion: 93 Resp: 370
Ion Ratio Lower Upper
93 100
95 92.3 63.8 95.8
174 75.8 65.6 98.4

Manual Integrations
APPROVED

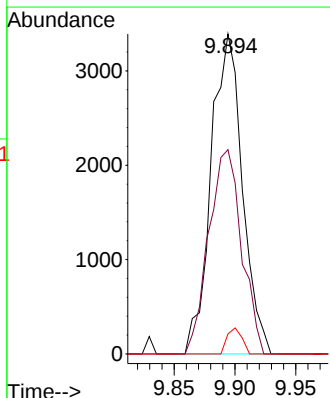
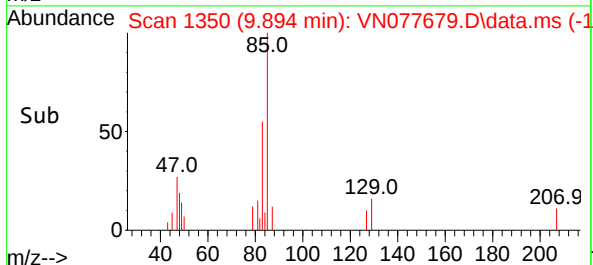
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

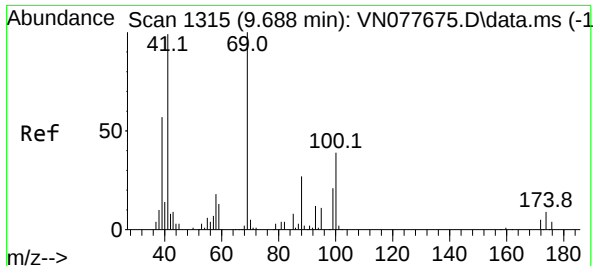


#47
Bromodichloromethane
Concen: 0.951 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



Tgt Ion: 83 Resp: 6069
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 6.2 7.0 10.6





#48

Methyl methacrylate

Concen: 1.039 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

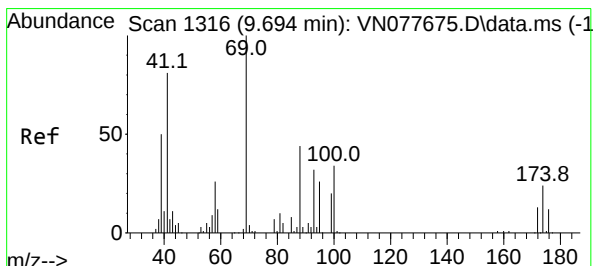
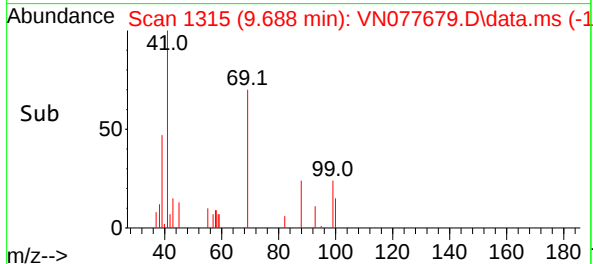
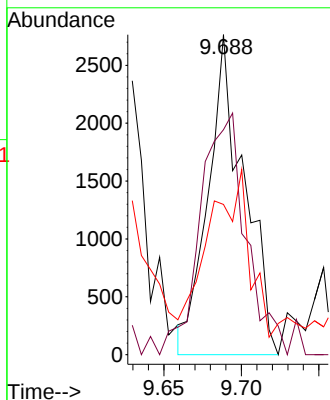
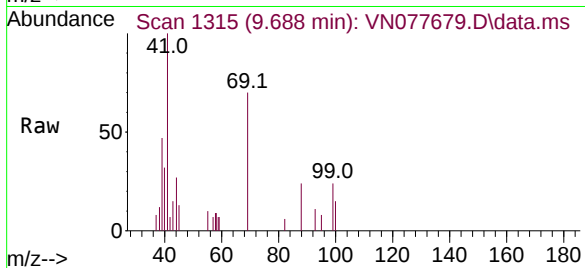
Tgt Ion:	41	Resp:	443
Ion Ratio	Lower	Upper	
41	100		
69	95.9	90.4	135.6
39	72.4	54.6	81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#49

1,4-Dioxane

Concen: 19.054 ug/l m

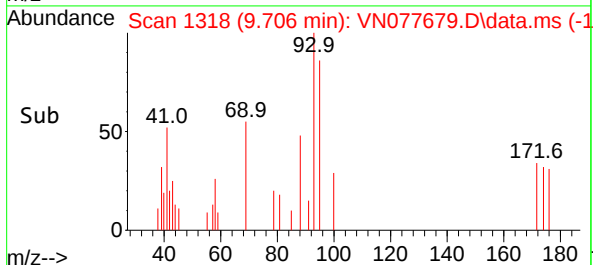
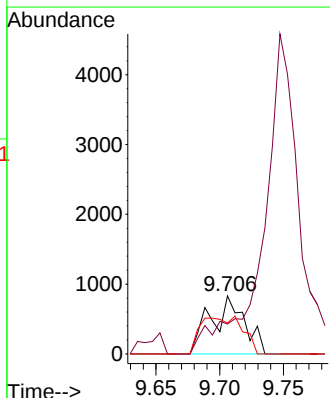
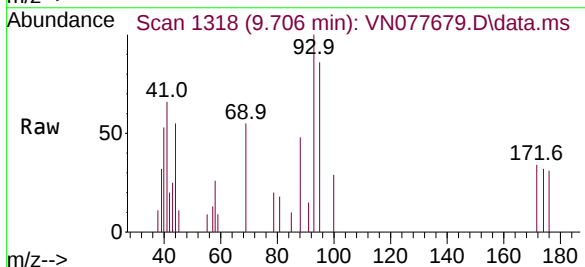
RT: 9.706 min Scan# 1318

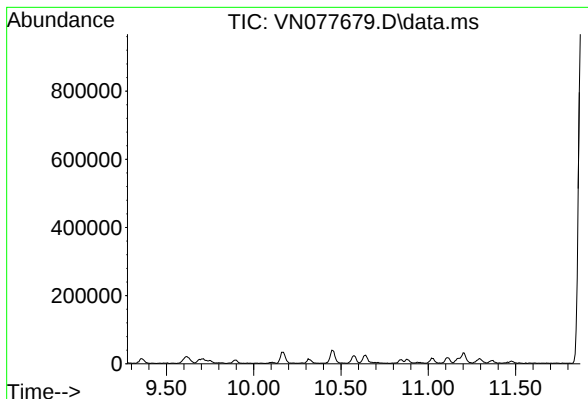
Delta R.T. 0.012 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Tgt Ion:	88	Resp:	1537
Ion Ratio	Lower	Upper	
88	100		
43	0.0	17.0	25.6#
58	0.0	47.0	70.4#





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

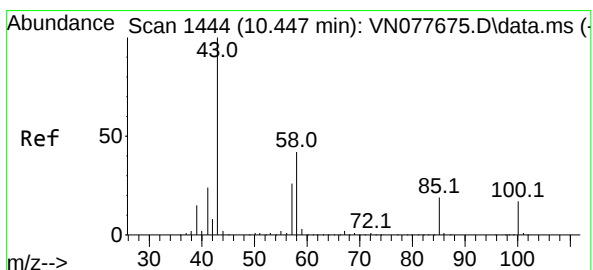
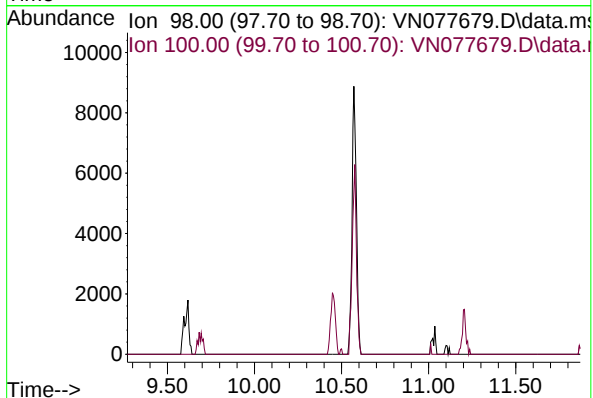
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

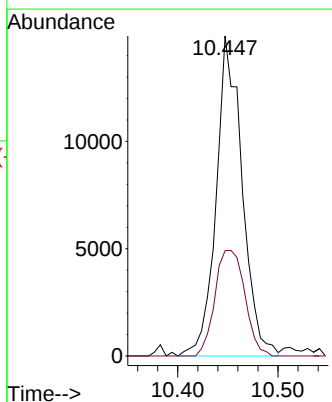
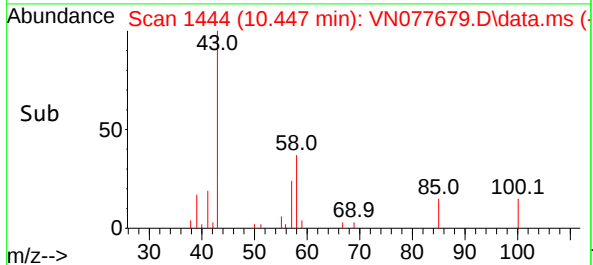
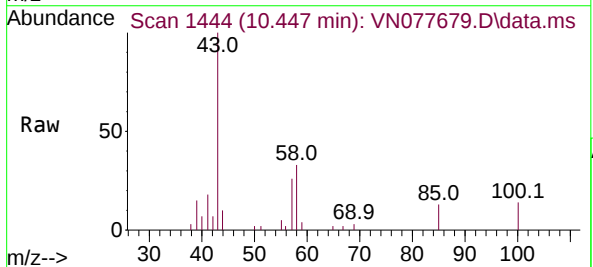
Manual Integrations
APPROVED

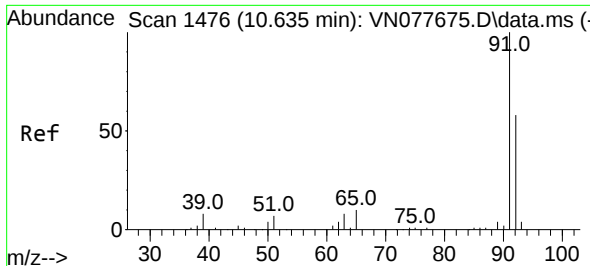
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#51
4-Methyl-2-Pentanone
Concen: 5.012 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

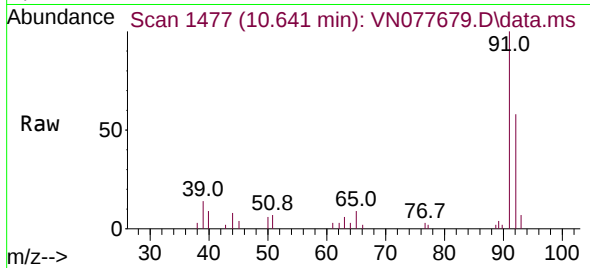
Tgt Ion: 43 Resp: 26835
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8





#52
Toluene
Concen: 0.939 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

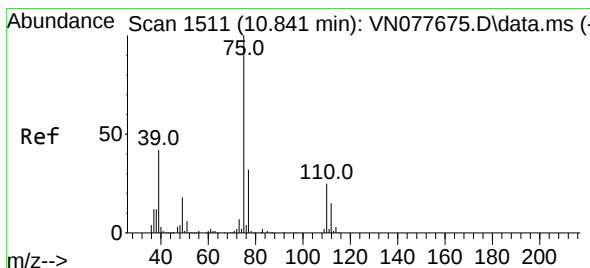
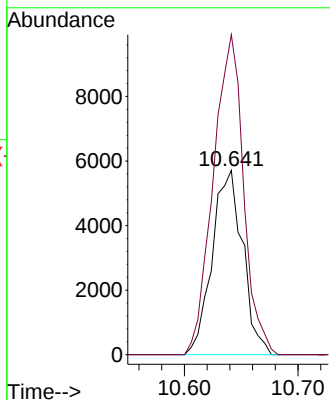
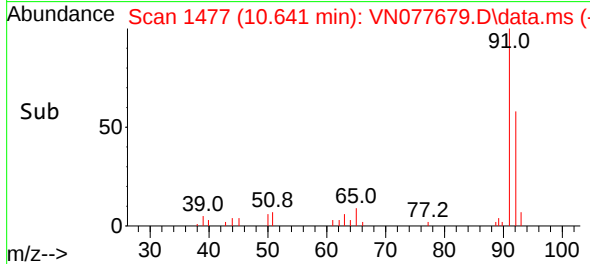
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 1067
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0

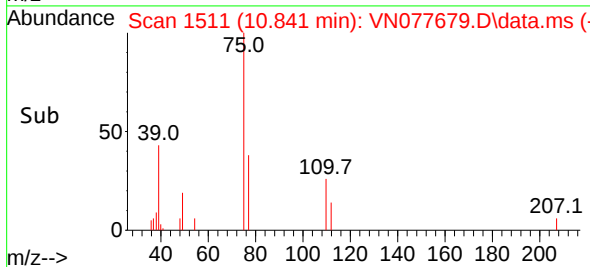
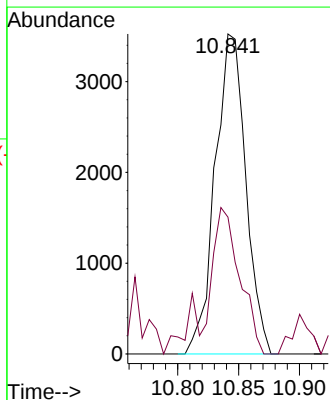
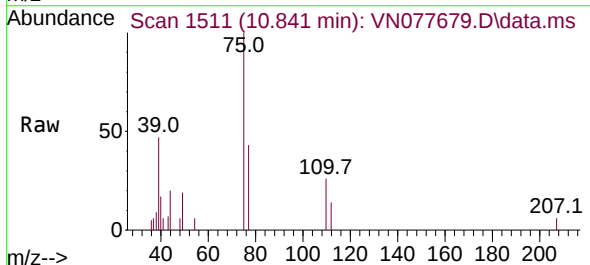
Manual Integrations
APPROVED

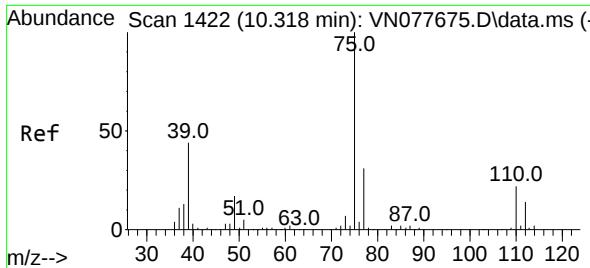
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#53
t-1,3-Dichloropropene
Concen: 0.914 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

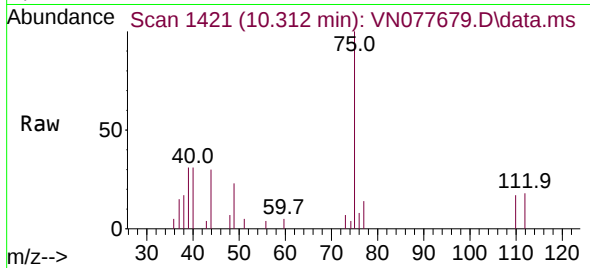
Tgt Ion: 75 Resp: 6178
Ion Ratio Lower Upper
75 100
77 42.7 25.4 38.0#





#54
 cis-1,3-Dichloropropene
 Concen: 1.009 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

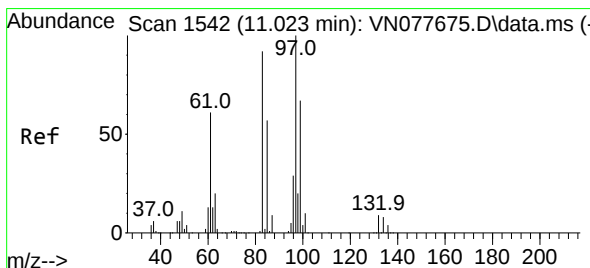
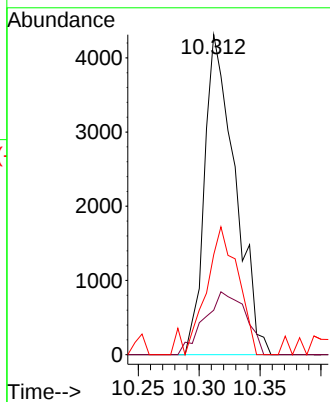
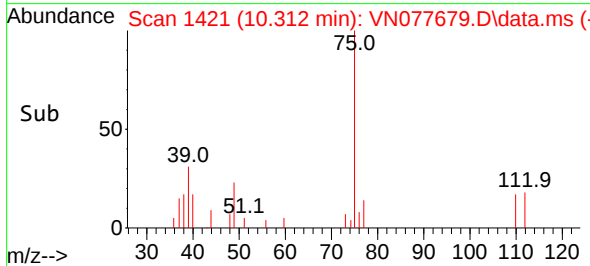
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 7510
 Ion Ratio Lower Upper
 75 100
 77 13.9 26.1 39.1
 39 31.2 31.6 47.4

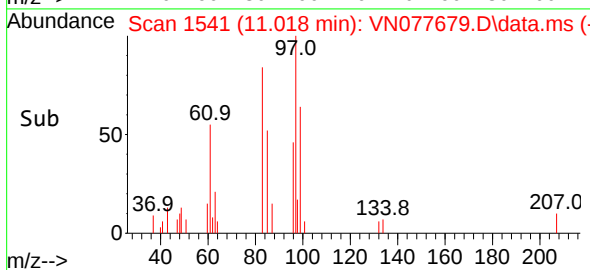
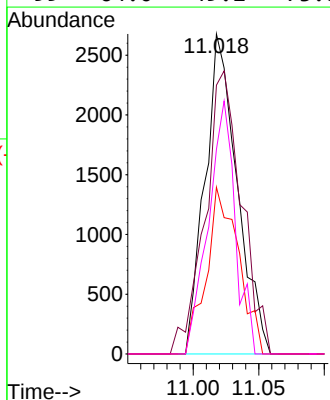
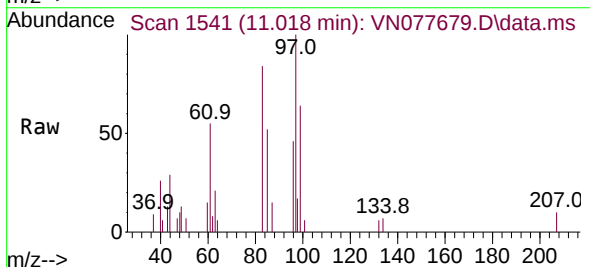
Manual Integrations
 APPROVED

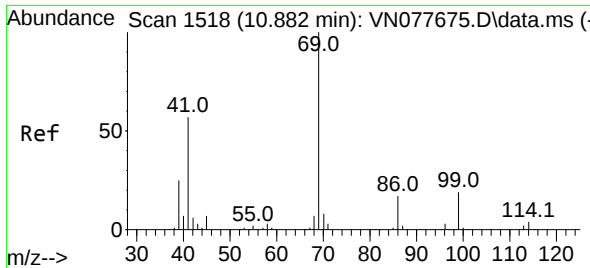
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#55
 1,1,2-Trichloroethane
 Concen: 1.016 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.005 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

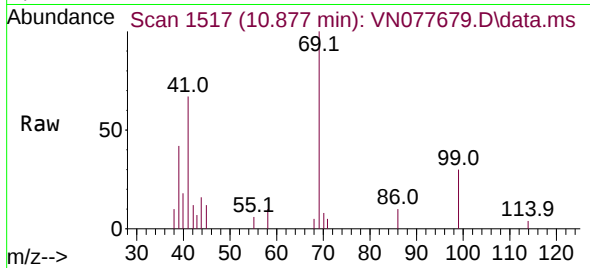
Tgt Ion: 97 Resp: 4584
 Ion Ratio Lower Upper
 97 100
 83 84.0 65.1 97.7
 85 52.1 43.4 65.2
 99 64.0 49.2 73.8





#56
Ethyl methacrylate
Concen: 0.968 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

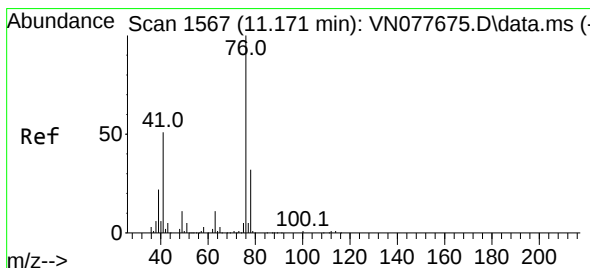
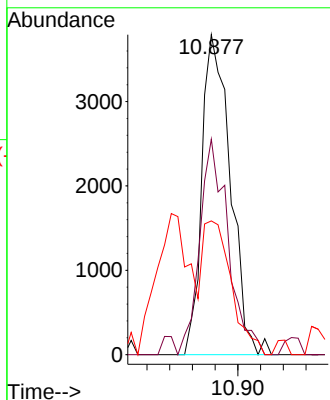
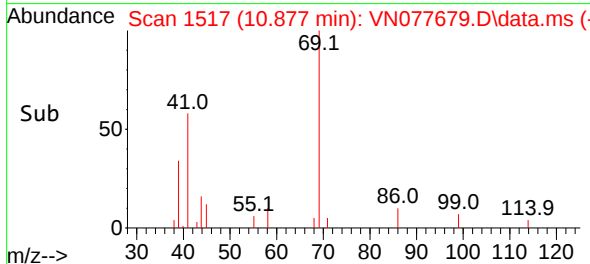
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 660
Ion Ratio Lower Upper
69 100
41 67.2 39.6 59.4
39 41.9 28.6 43.0

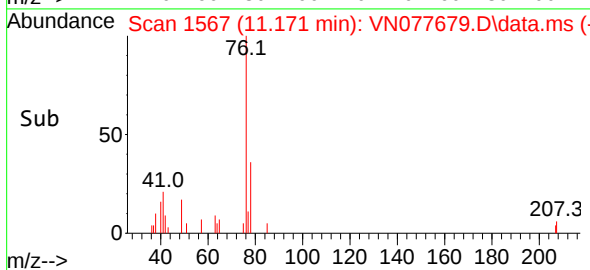
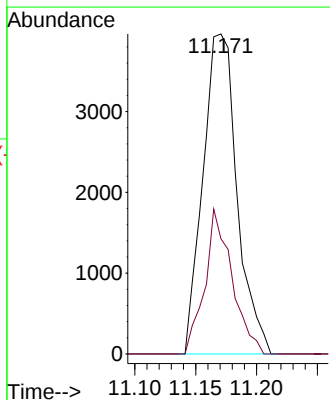
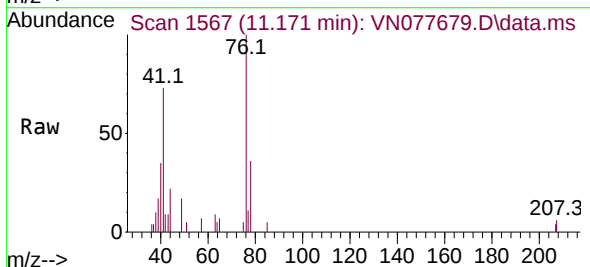
Manual Integrations
APPROVED

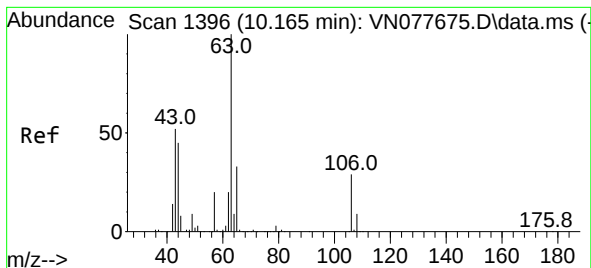
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#57
1,3-Dichloropropane
Concen: 0.998 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion: 76 Resp: 7723
Ion Ratio Lower Upper
76 100
78 35.9 26.1 39.1





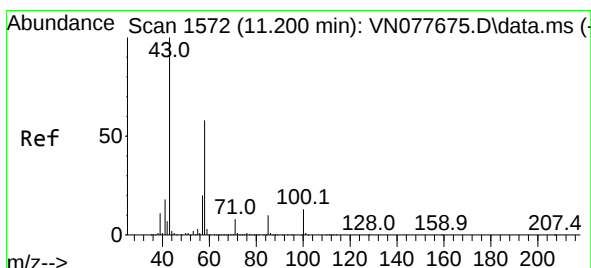
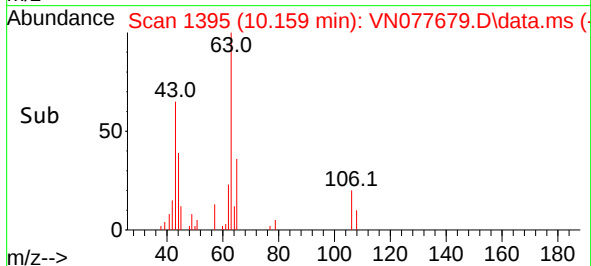
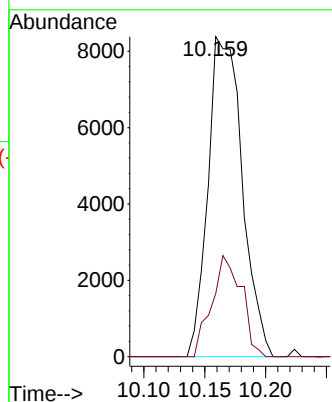
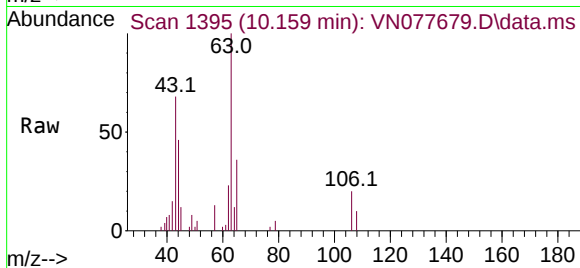
#58
2-Chloroethyl Vinyl ether
Concen: 4.880 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1638
Ion Ratio Lower Upper
63 100
106 27.5 26.2 39.4

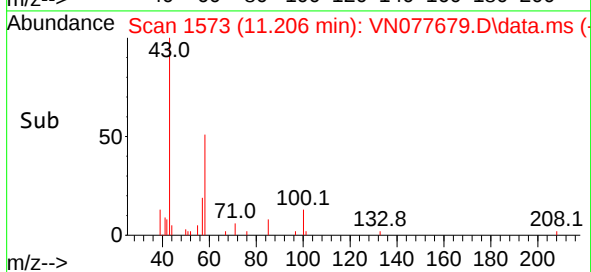
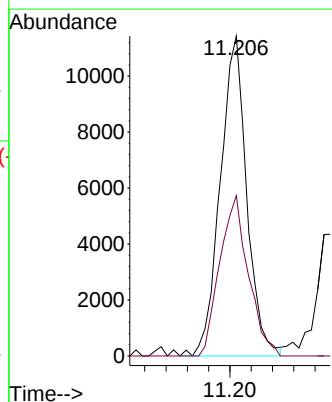
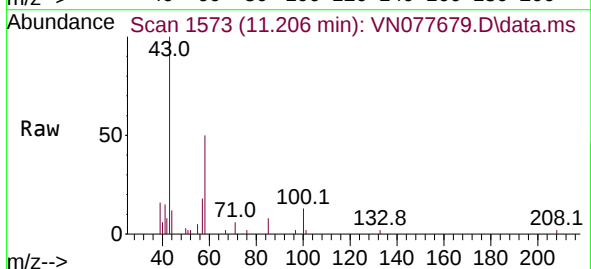
Manual Integrations
APPROVED

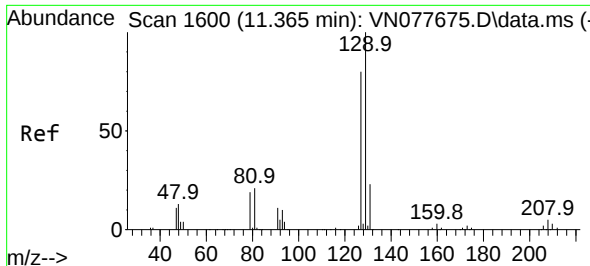
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#59
2-Hexanone
Concen: 4.980 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

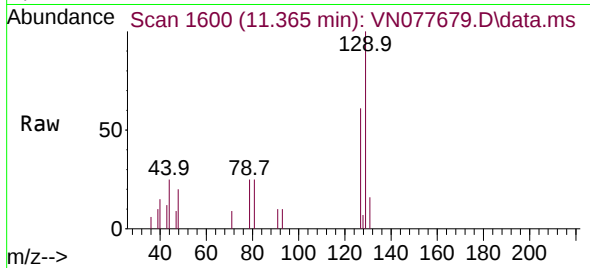
Tgt Ion: 43 Resp: 19721
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1





#60
Dibromochloromethane
Concen: 0.949 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

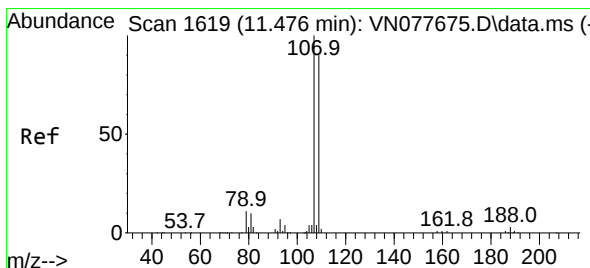
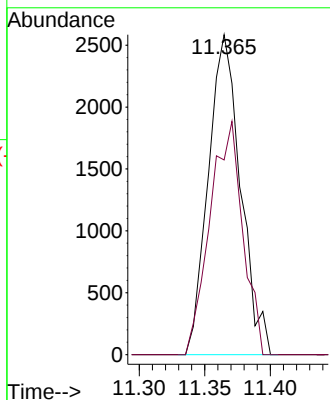
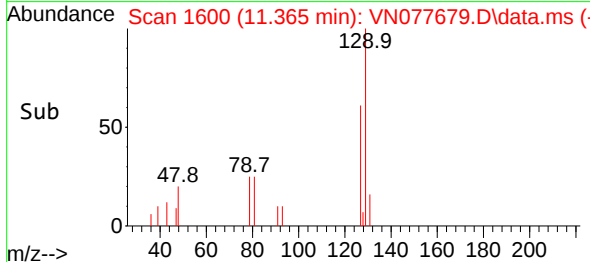
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



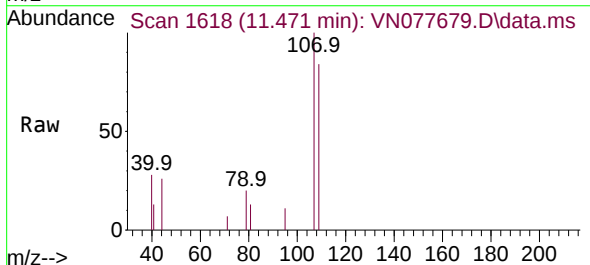
Tgt Ion:129 Resp: 4419
Ion Ratio Lower Upper
129 100
127 74.1 38.6 116.0

Manual Integrations
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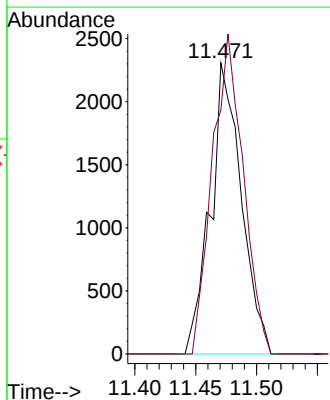
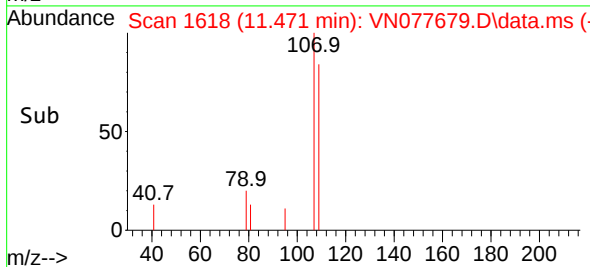
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

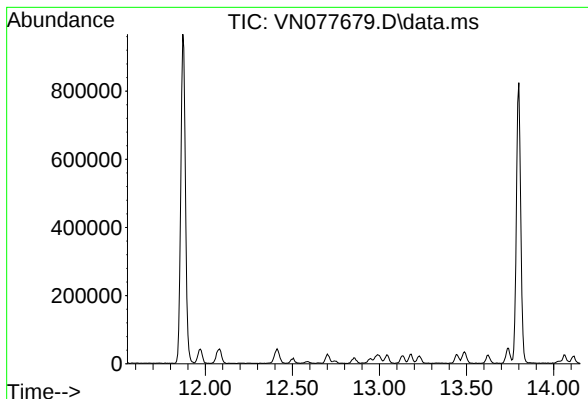


#61
1,2-Dibromoethane
Concen: 0.904 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



Tgt Ion:107 Resp: 4071
Ion Ratio Lower Upper
107 100
109 110.5 76.6 114.8





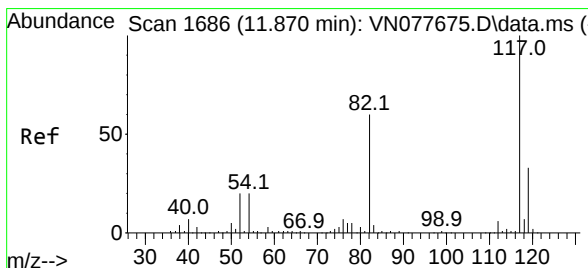
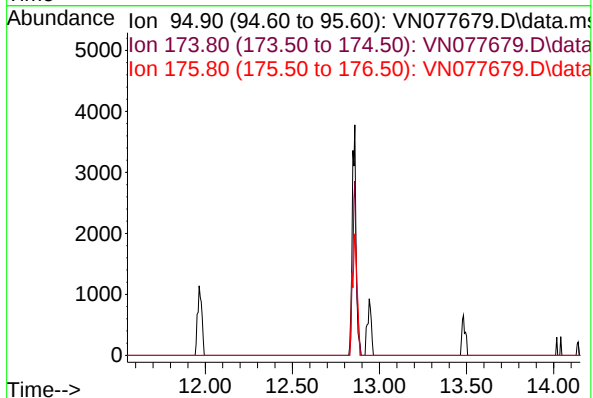
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9

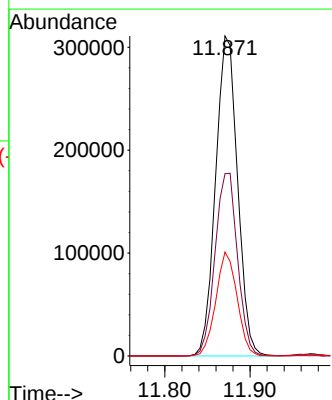
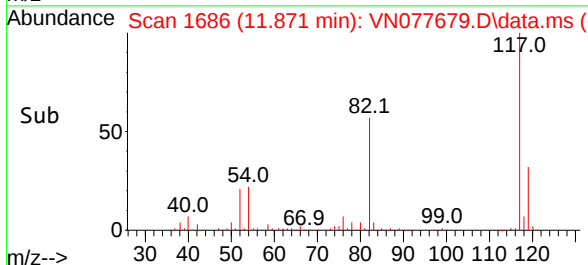
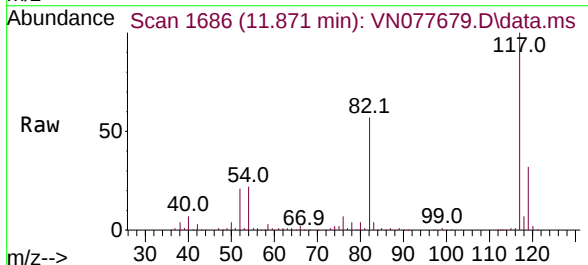
Manual Integrations
 APPROVED

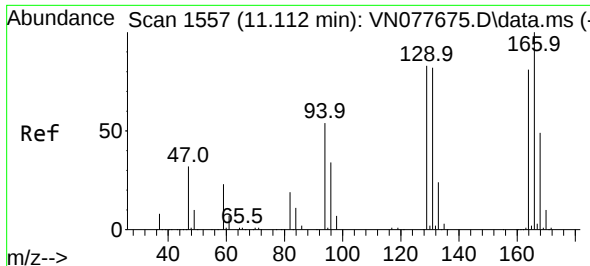
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.001 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

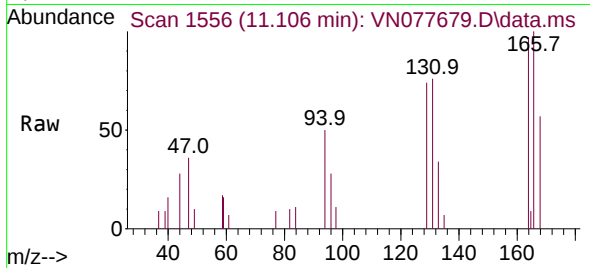
Tgt Ion:117 Resp: 556828
 Ion Ratio Lower Upper
 117 100
 82 57.0 44.0 66.0
 119 32.4 25.6 38.4





#64
Tetrachloroethene
Concen: 1.119 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

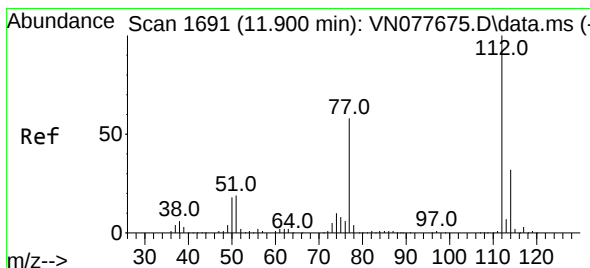
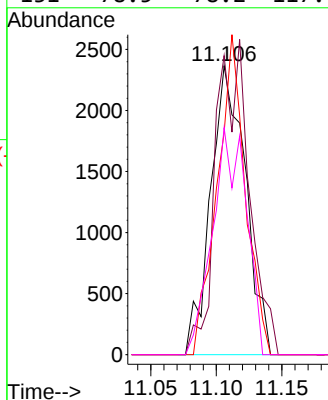
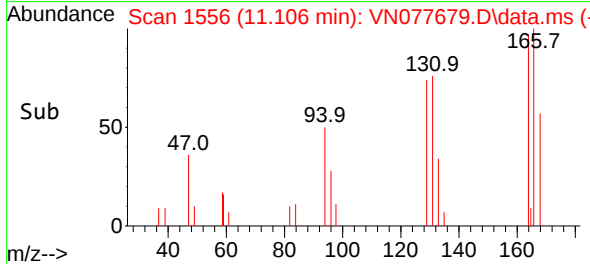
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:164	Resp:	4358
Ion	Ratio	Lower Upper
164	100	
166	103.5	101.4 152.0
129	76.8	82.4 123.6
131	78.5	78.2 117.4

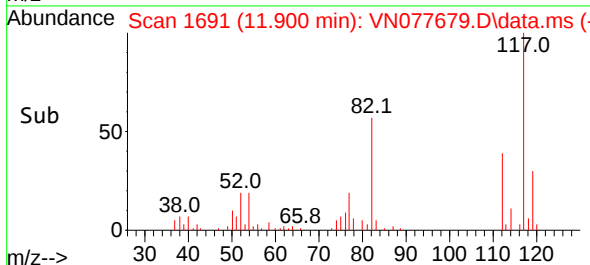
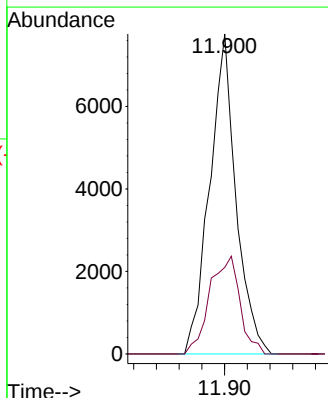
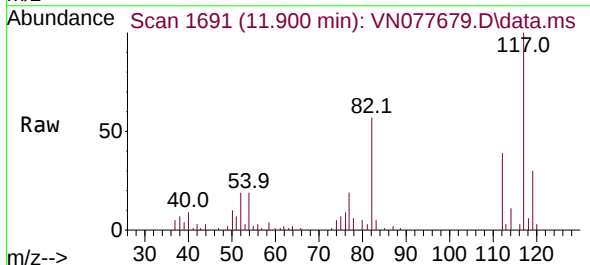
Manual Integrations
APPROVED

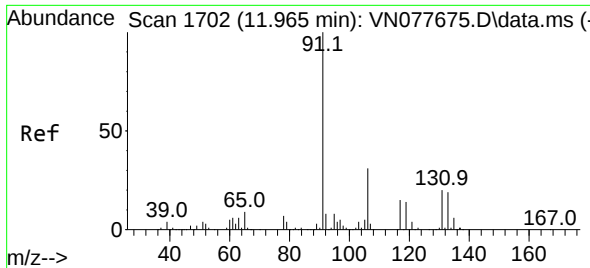
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#65
Chlorobenzene
Concen: 1.034 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion:112	Resp:	12478
Ion	Ratio	Lower Upper
112	100	
114	27.1	25.0 37.4





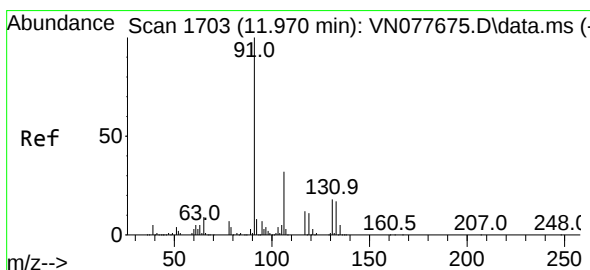
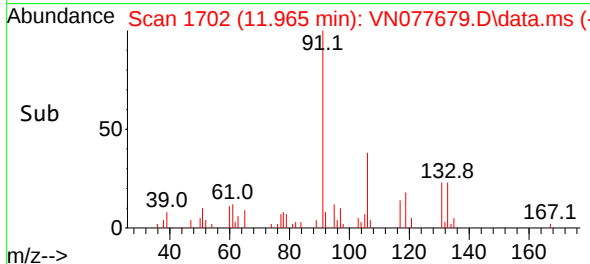
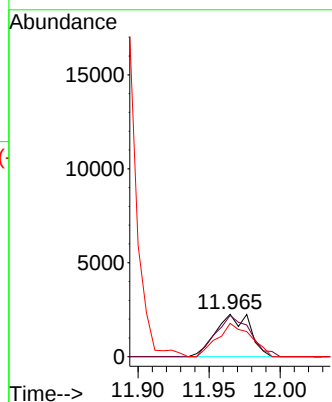
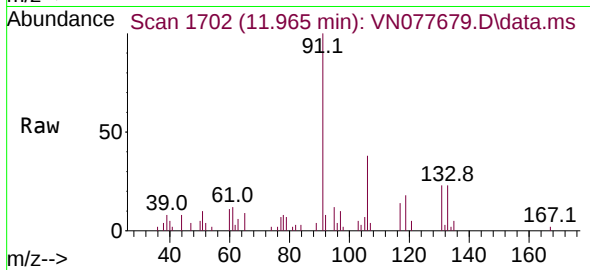
#66
1,1,1,2-Tetrachloroethane
Concen: 0.911 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 380
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 0.0 34.1 102.2

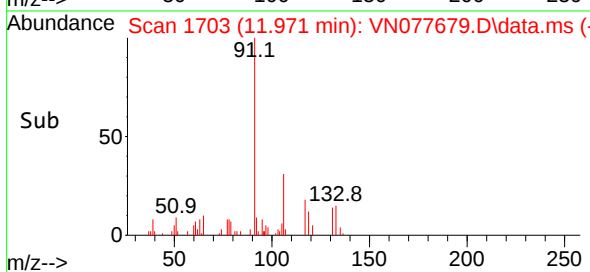
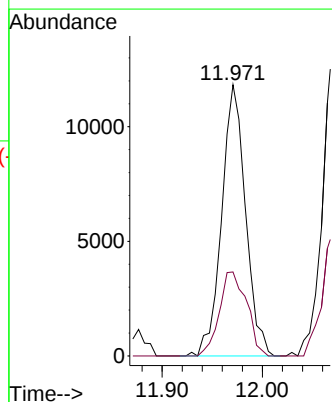
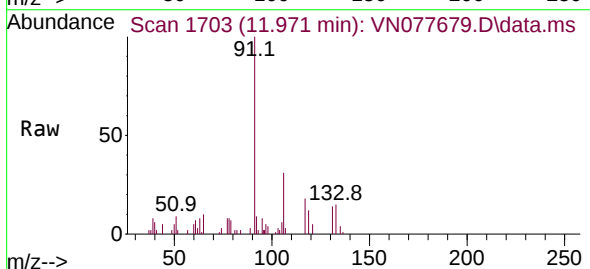
Manual Integrations
APPROVED

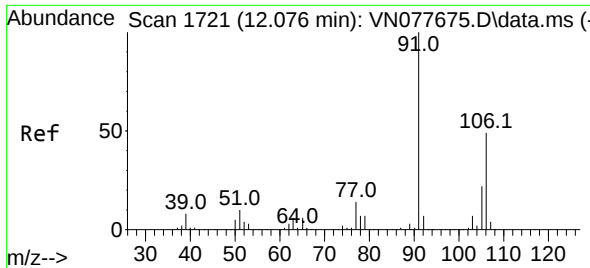
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#67
Ethyl Benzene
Concen: 0.903 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion: 91 Resp: 19544
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4





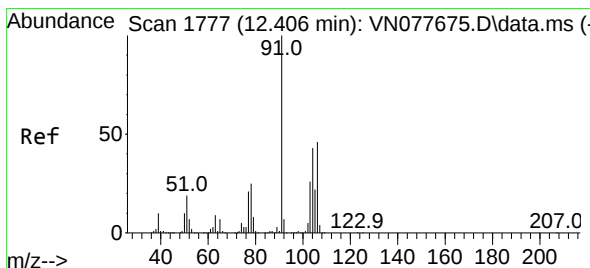
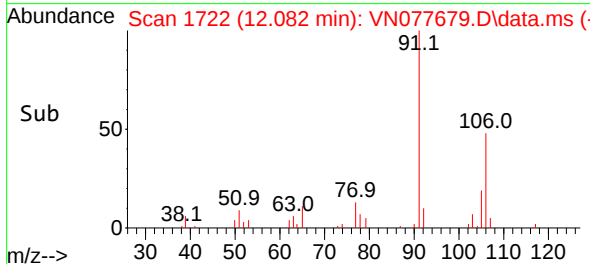
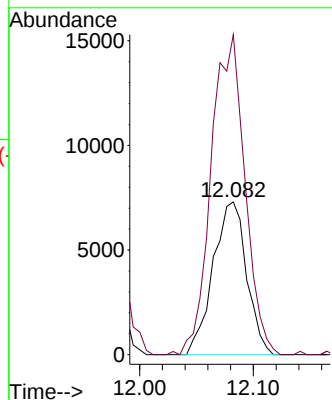
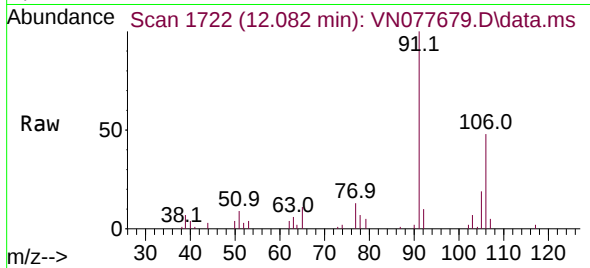
#68
m/p-Xylenes
Concen: 1.824 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1495
Ion Ratio Lower Upper
106 100
91 210.5 159.6 239.4

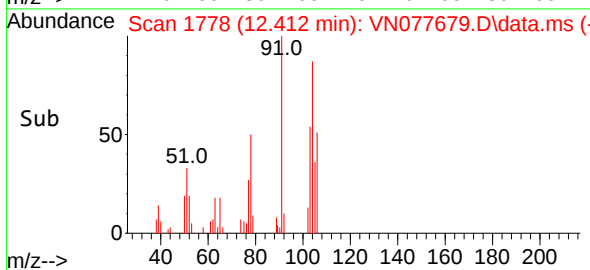
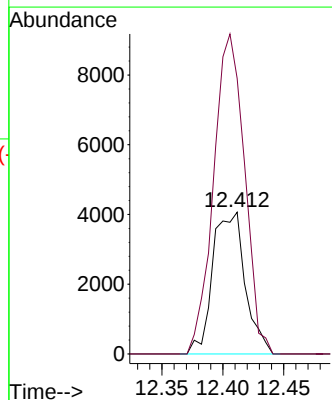
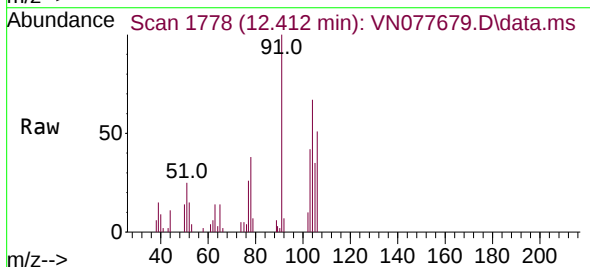
Manual Integrations
APPROVED

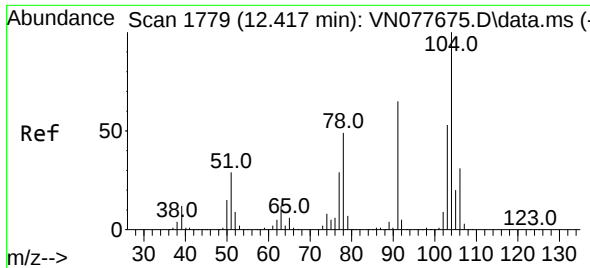
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#69
o-Xylene
Concen: 0.935 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion:106 Resp: 7539
Ion Ratio Lower Upper
106 100
91 216.0 105.2 315.5





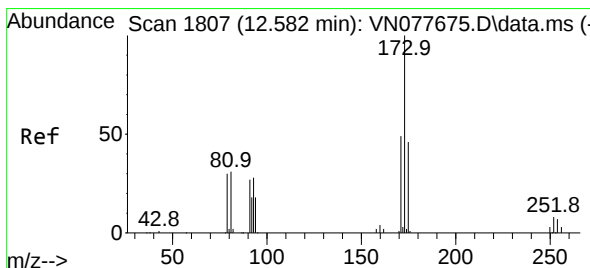
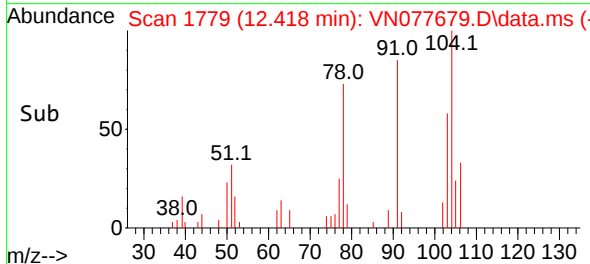
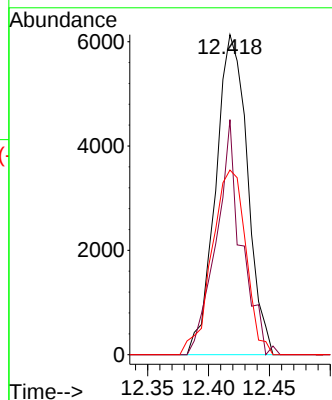
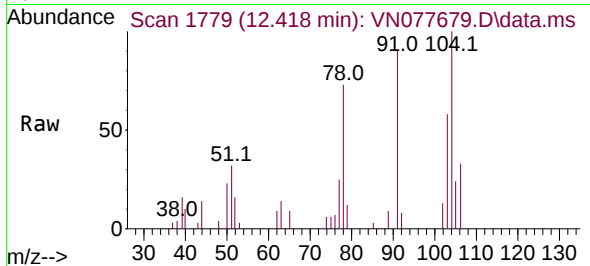
#70
Styrene
Concen: 0.869 ug/l
RT: 12.418 min Scan# 11130
Delta R.T. 0.001 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 11130
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 61.6 43.2 64.8

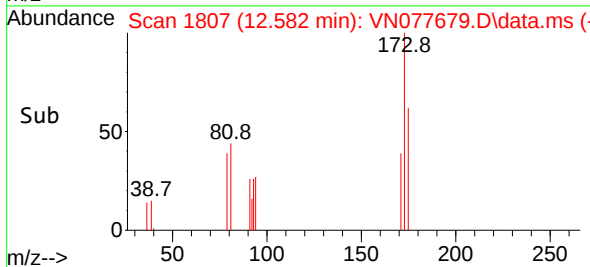
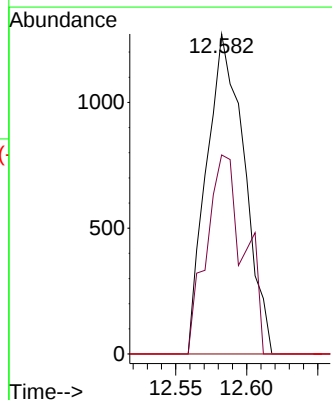
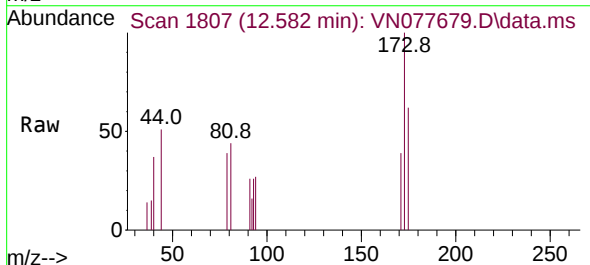
Manual Integrations
APPROVED

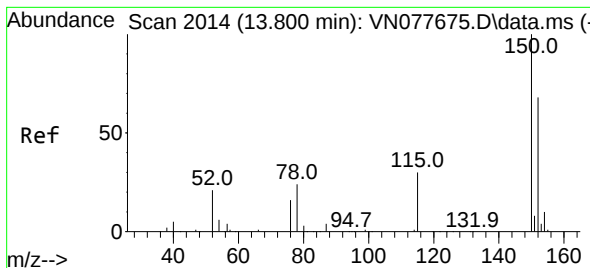
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#71
Bromoform
Concen: 0.845 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion:173 Resp: 2348
Ion Ratio Lower Upper
173 100
175 61.7 24.3 73.0
254 0.0 0.0 0.0





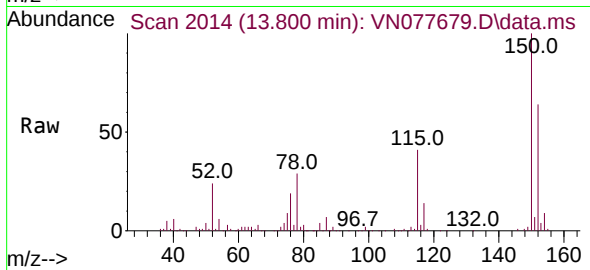
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



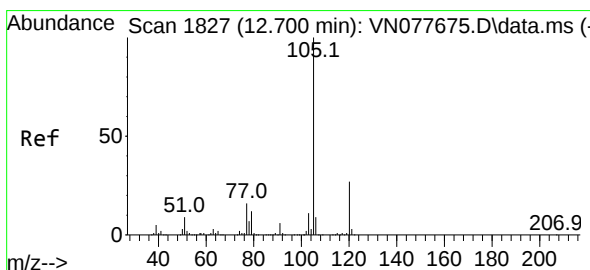
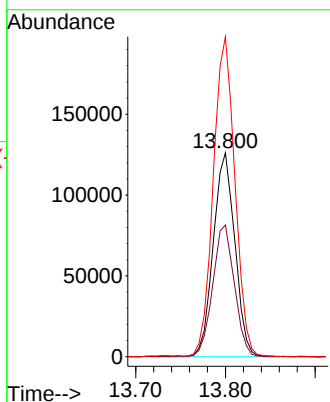
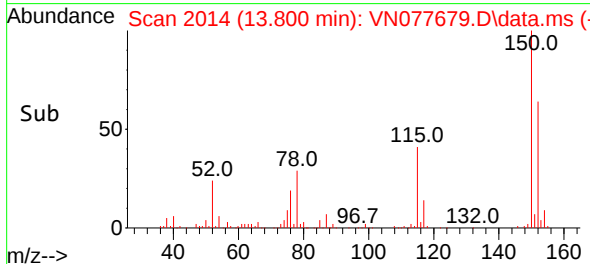
Tgt Ion:152 Resp: 21040
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 157.4 0.0 355.8

Manual Integrations

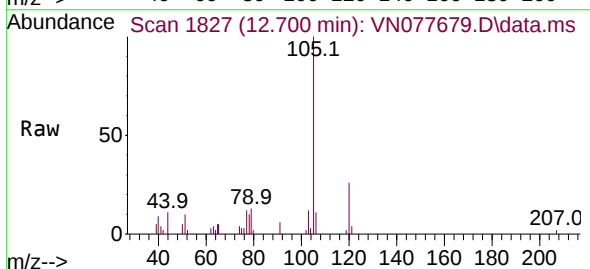
APPROVED

Reviewed By :John Carlone 05/16/2023

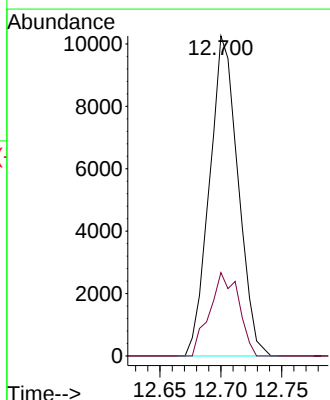
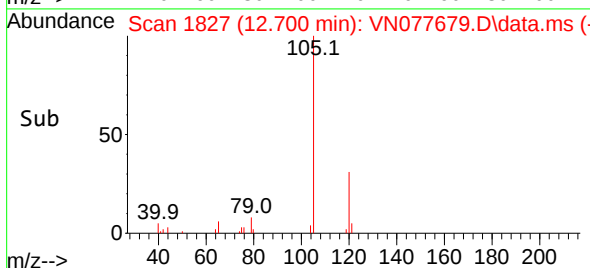
Supervised By :Mahesh Dadoda 05/16/2023

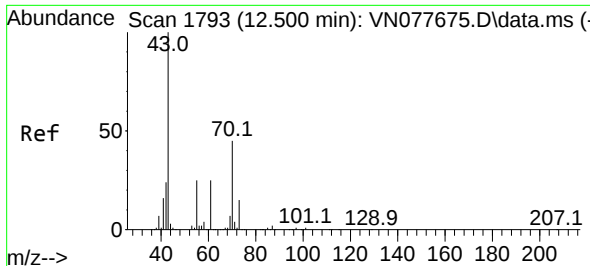


#73
Isopropylbenzene
Concen: 0.922 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



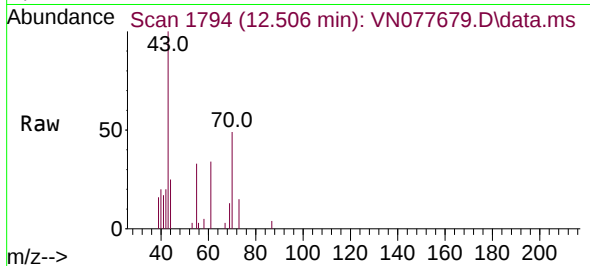
Tgt Ion:105 Resp: 16730
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1





#74
N-amy1 acetate
Concen: 1.146 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

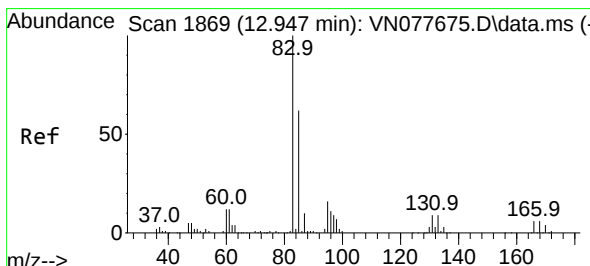
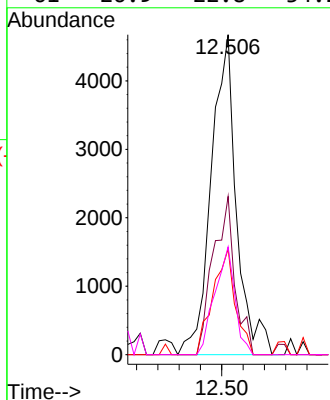
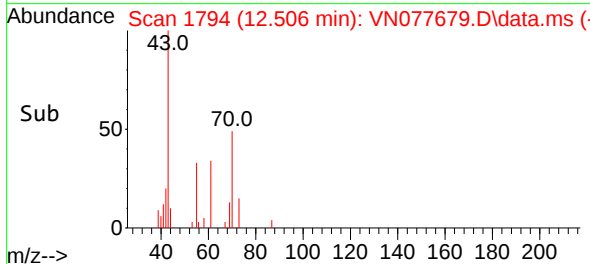
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:	43	Resp:	768
Ion Ratio	100	Lower	Upper
43	100		
70	42.7	43.4	65.2
55	29.5	21.4	32.0
61	26.9	22.8	34.2

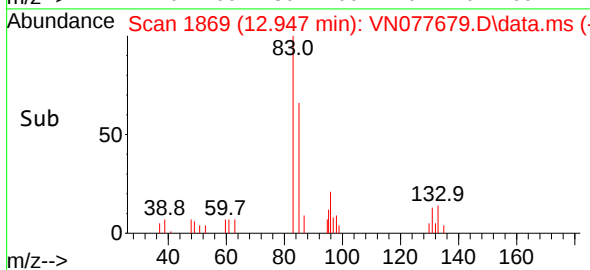
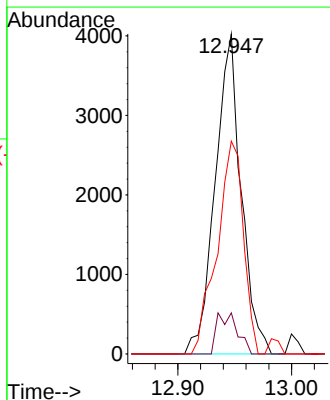
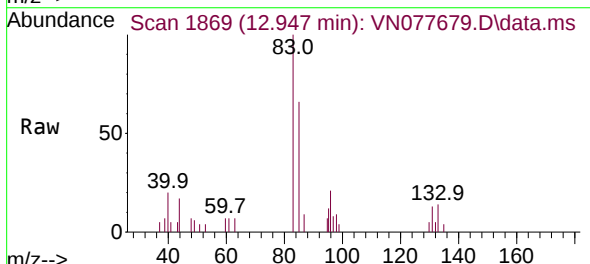
Manual Integrations
APPROVED

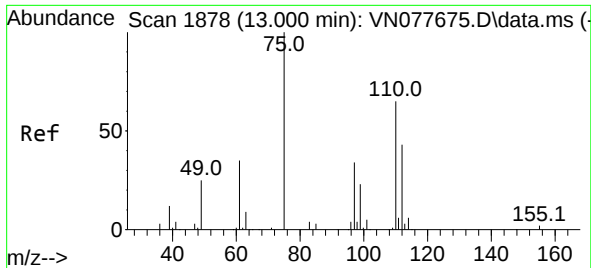
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.146 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion:	83	Resp:	6394
Ion Ratio	100	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	67.4	31.9	95.7





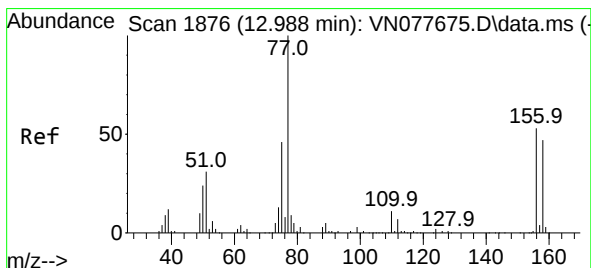
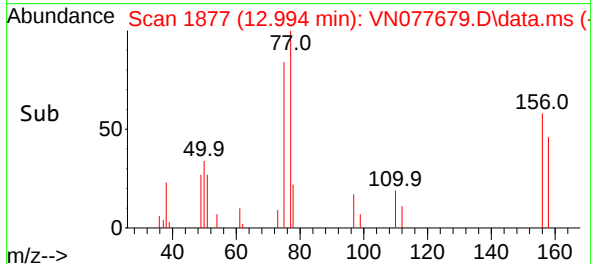
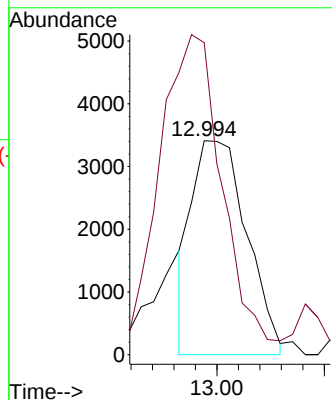
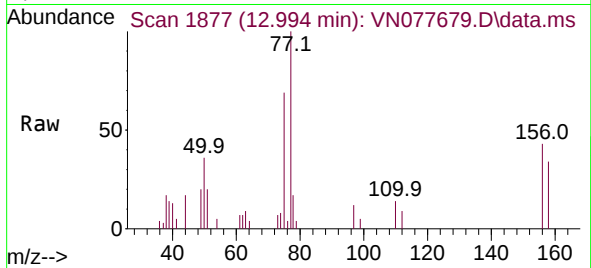
#76
1,2,3-Trichloropropane
Concen: 1.191 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 605
Ion Ratio Lower Upper
75 100
77 173.6 84.5 253.5

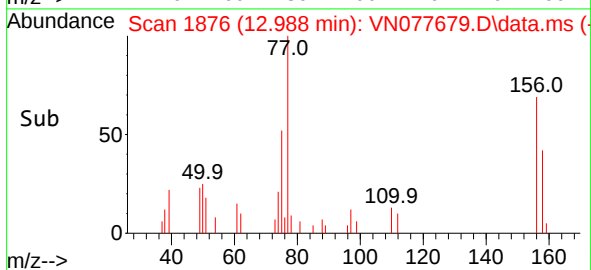
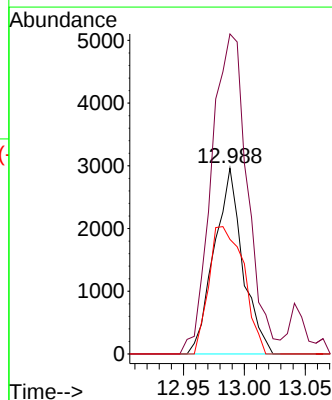
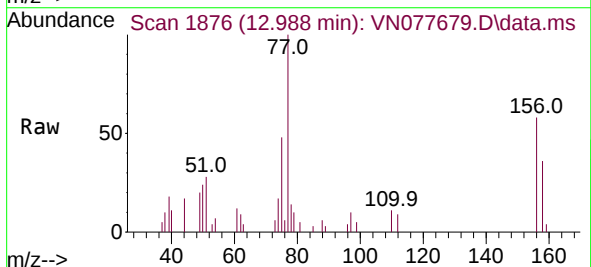
Manual Integrations
APPROVED

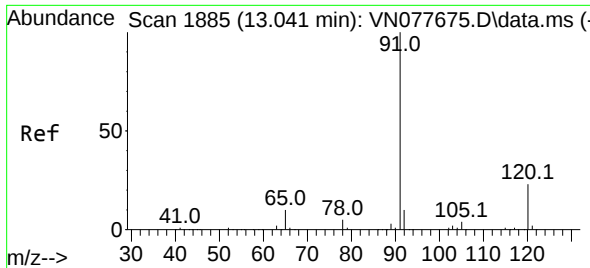
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#77
Bromobenzene
Concen: 1.170 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion:156 Resp: 4843
Ion Ratio Lower Upper
156 100
77 217.0 107.7 323.3
158 83.7 48.4 145.3





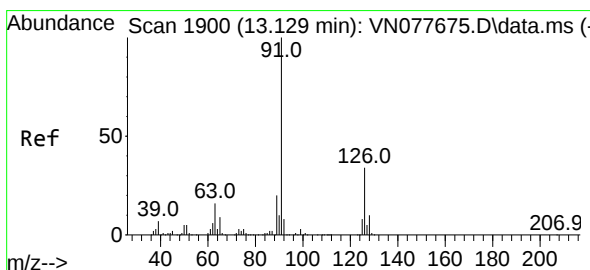
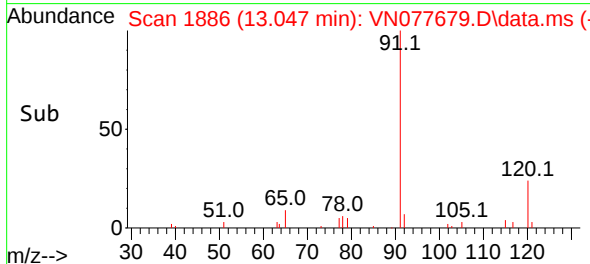
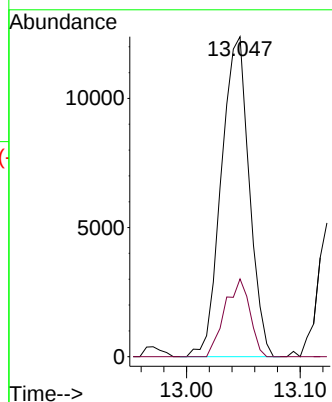
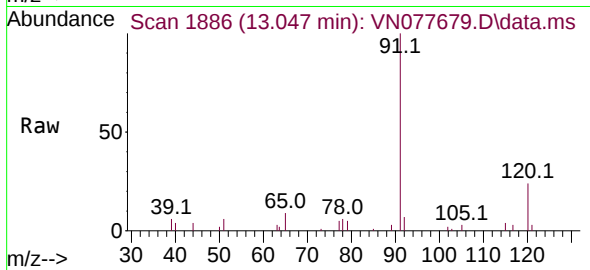
#78
n-propylbenzene
Concen: 0.988 ug/l
RT: 13.047 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 21120
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4

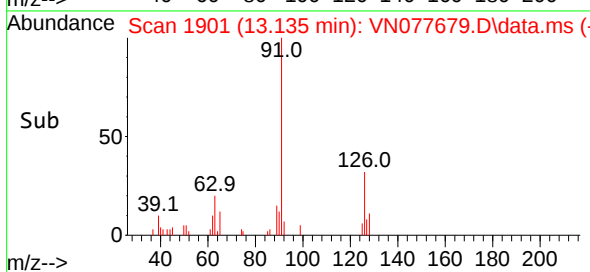
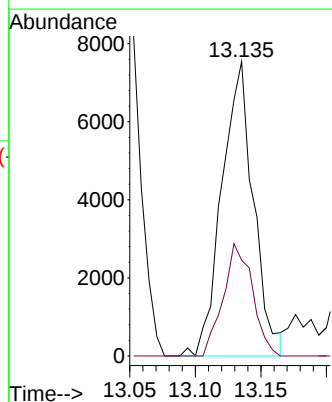
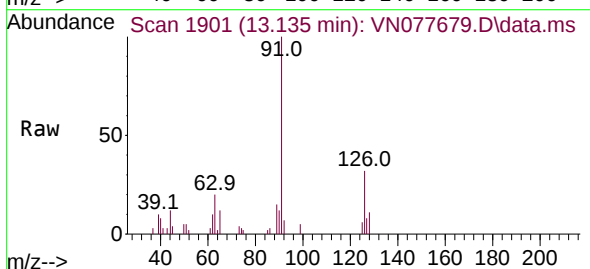
Manual Integrations
APPROVED

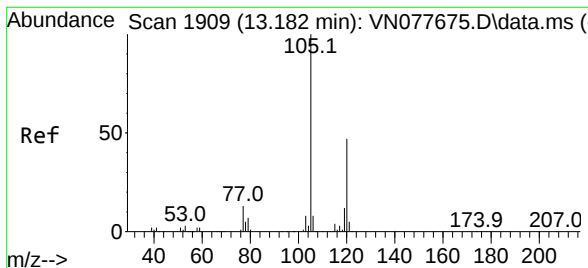
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#79
2-Chlorotoluene
Concen: 0.989 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

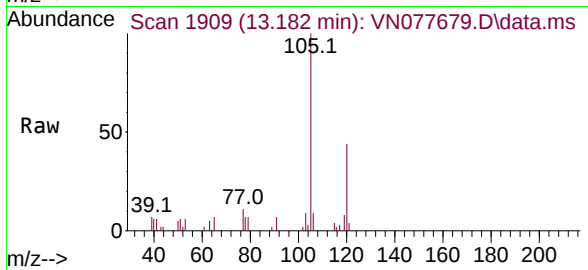
Tgt Ion: 91 Resp: 12625
Ion Ratio Lower Upper
91 100
126 35.3 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 0.948 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

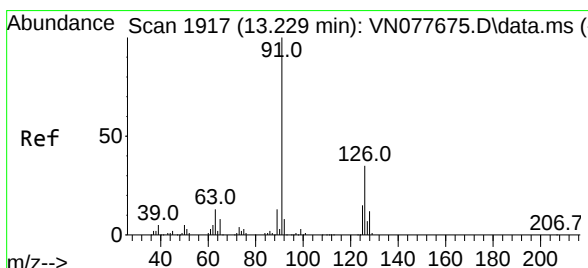
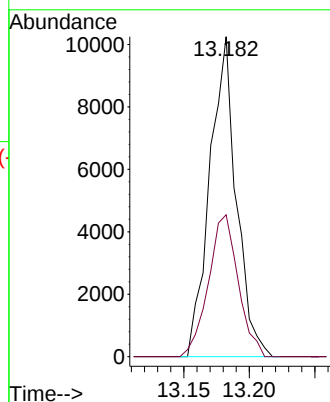
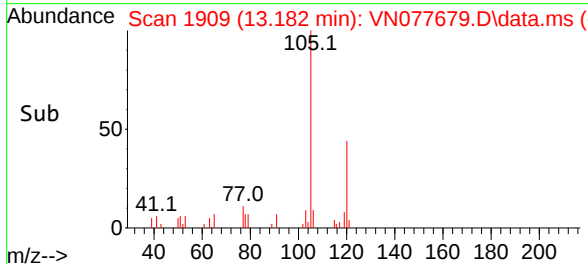
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



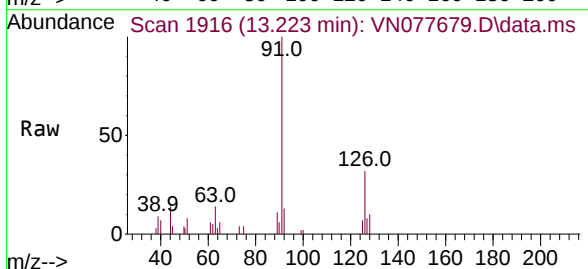
Tgt Ion:105 Resp: 14448
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.3

Manual Integrations
APPROVED

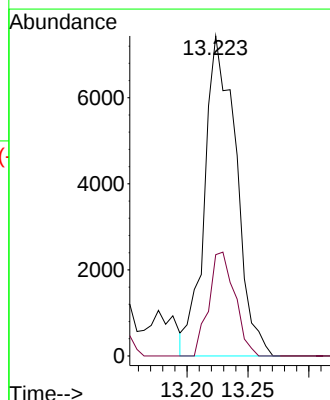
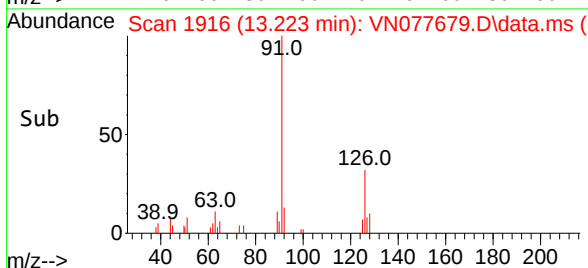
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

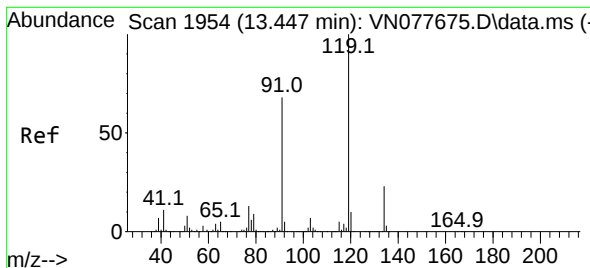


#82
4-Chlorotoluene
Concen: 1.050 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



Tgt Ion: 91 Resp: 13332
Ion Ratio Lower Upper
91 100
126 26.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.937 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

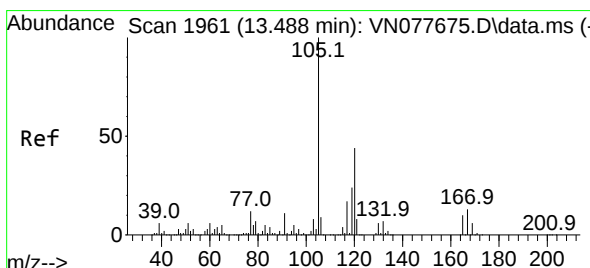
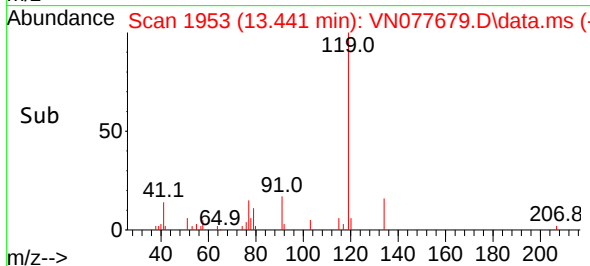
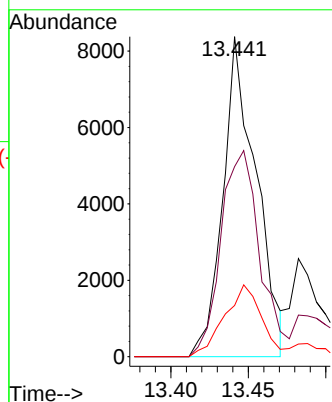
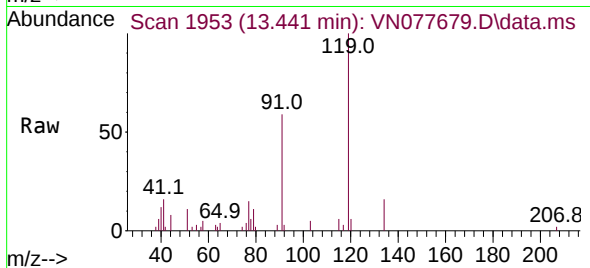
Tgt Ion:	119	Resp:	1247
Ion Ratio	Lower	Upper	
119	100		
91	75.6	33.9	101.7
134	25.5	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.898 ug/l

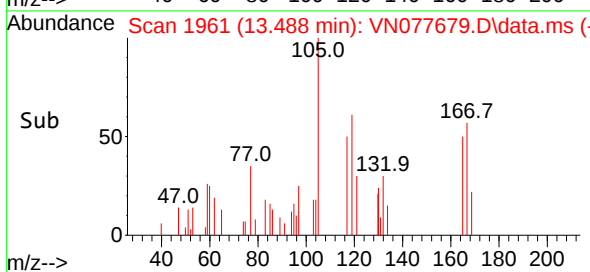
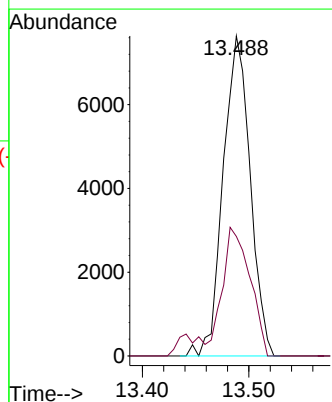
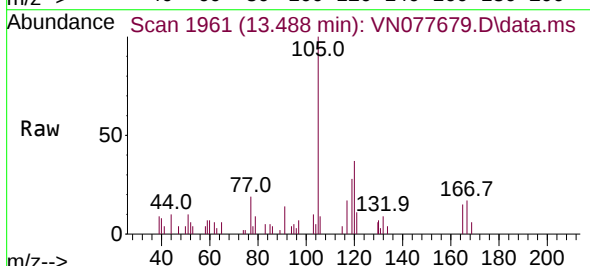
RT: 13.488 min Scan# 1961

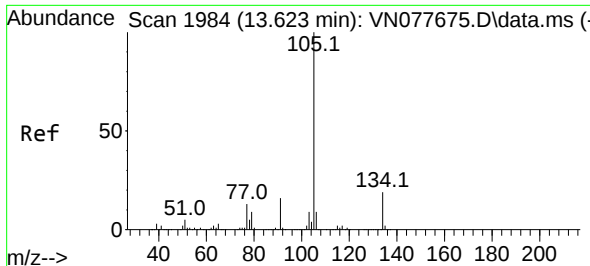
Delta R.T. 0.000 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Tgt Ion:	105	Resp:	13458
Ion Ratio	Lower	Upper	
105	100		
120	41.3	22.0	66.0





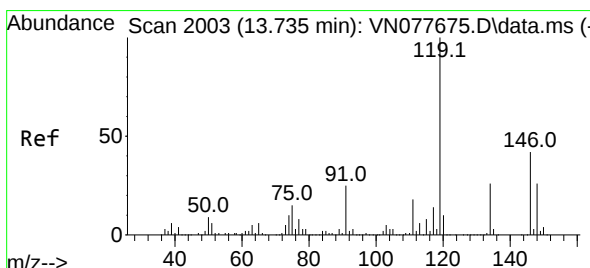
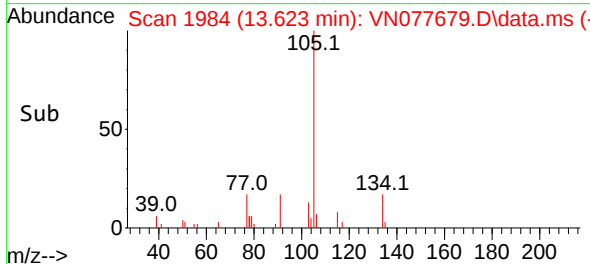
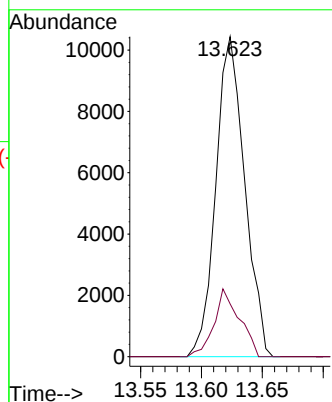
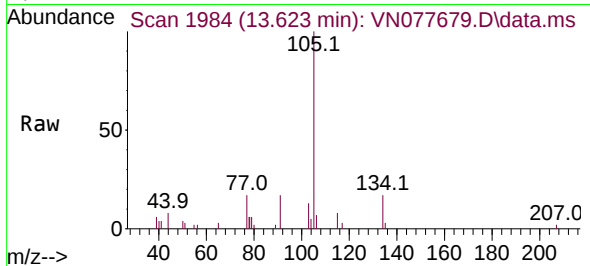
#85
 sec-Butylbenzene
 Concen: 0.910 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 17209
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3

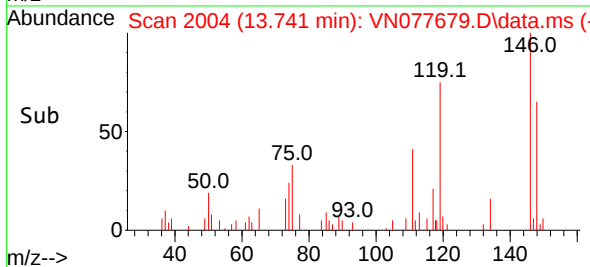
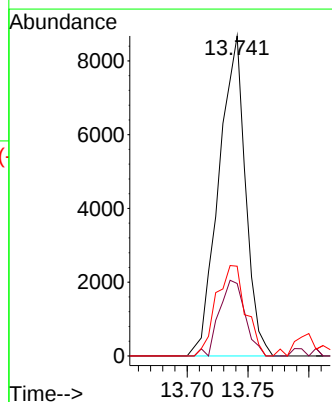
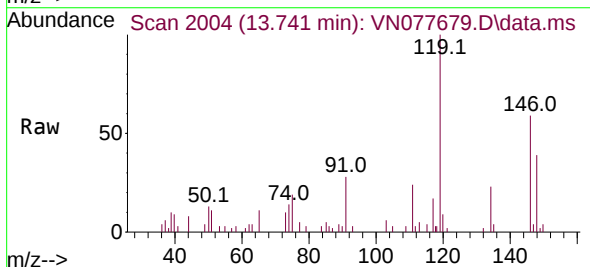
Manual Integrations
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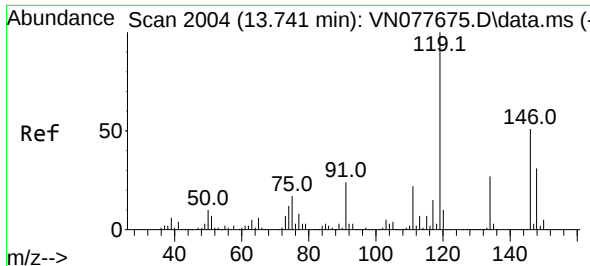
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#86
 p-Isopropyltoluene
 Concen: 0.877 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN077679.D
 Acq: 15 May 2023 20:06

Tgt Ion:119 Resp: 13224
 Ion Ratio Lower Upper
 119 100
 134 22.9 12.6 37.8
 91 31.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.128 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

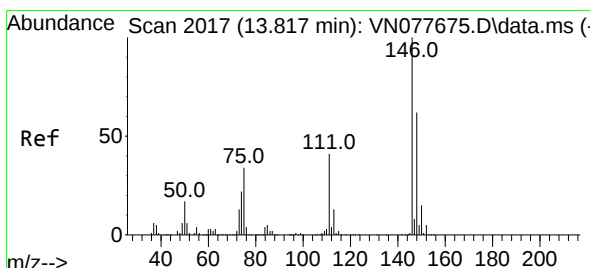
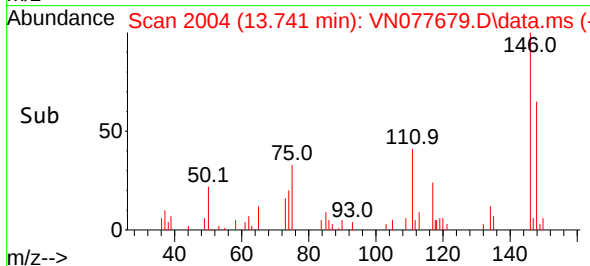
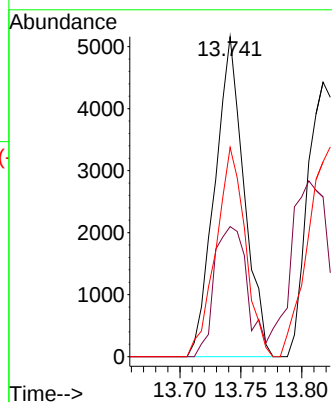
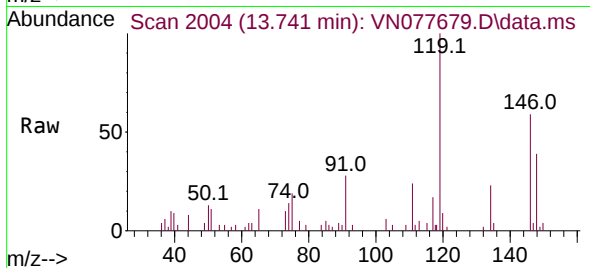
Tgt Ion:	146	Resp:	8634
Ion Ratio	Lower	Upper	
146	100		
111	45.9	22.1	66.3
148	65.7	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#88

1,4-Dichlorobenzene

Concen: 1.113 ug/l m

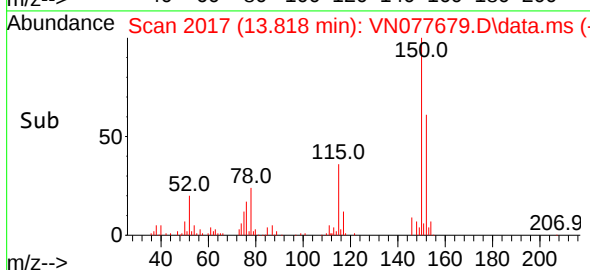
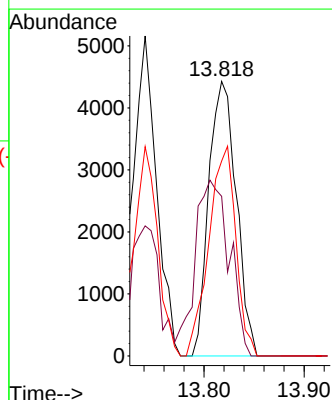
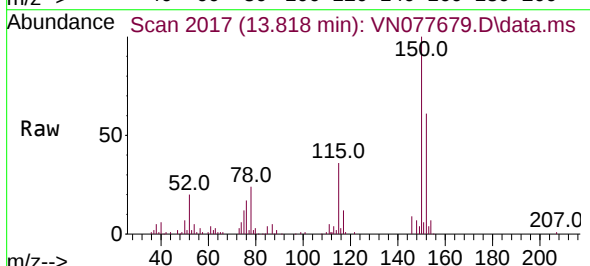
RT: 13.818 min Scan# 2017

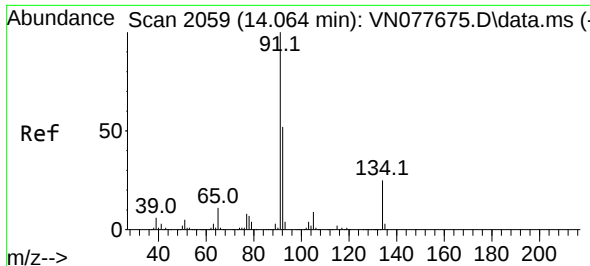
Delta R.T. 0.001 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Tgt Ion:	146	Resp:	8452
Ion Ratio	Lower	Upper	
146	100		
111	46.9	20.6	61.8
148	67.1	31.6	94.8





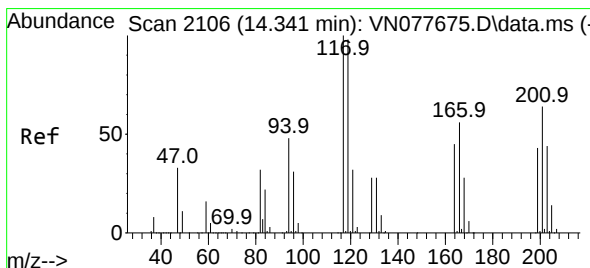
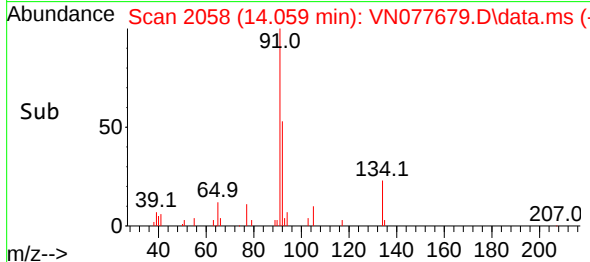
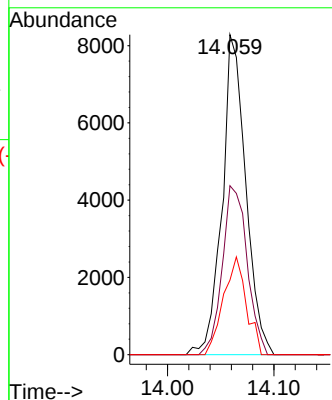
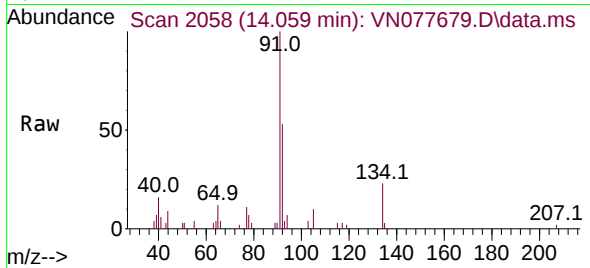
#89
n-Butylbenzene
Concen: 0.919 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.005 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 12739
Ion Ratio Lower Upper
91 100
92 55.4 26.4 79.0
134 29.6 12.6 37.6

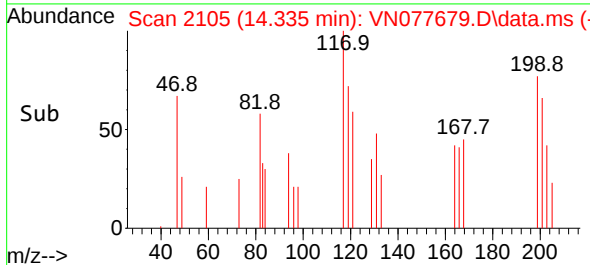
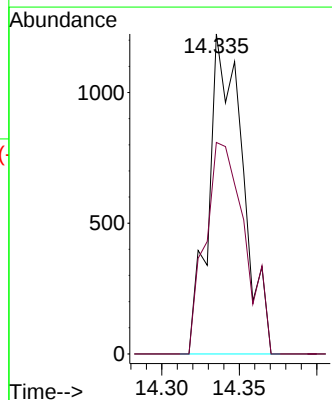
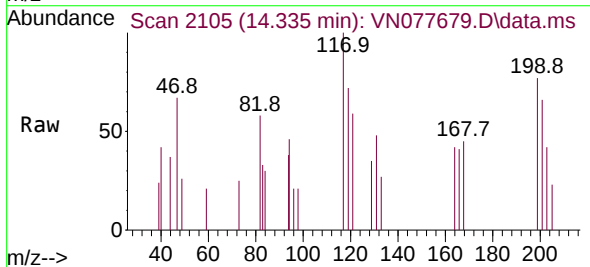
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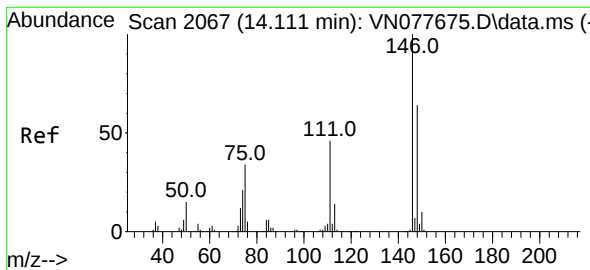
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 0.751 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

Tgt Ion:117 Resp: 1859
Ion Ratio Lower Upper
117 100
201 77.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.913 ug/l

RT: 14.118 min Scan# 2067

Delta R.T. 0.007 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 6530

Ion Ratio Lower Upper

146 100

111 55.8 22.0 66.0

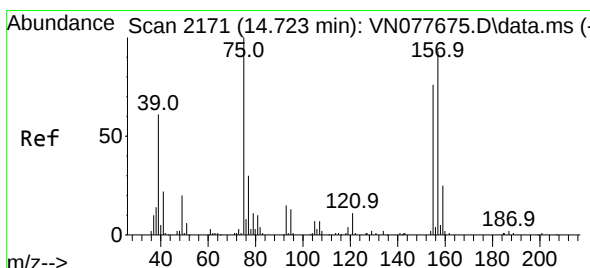
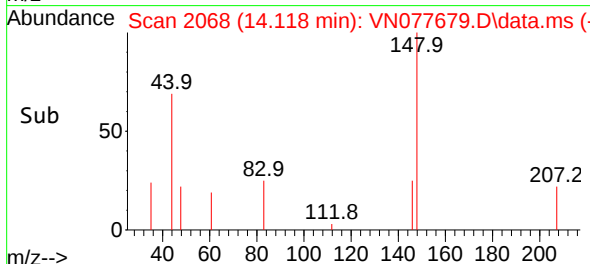
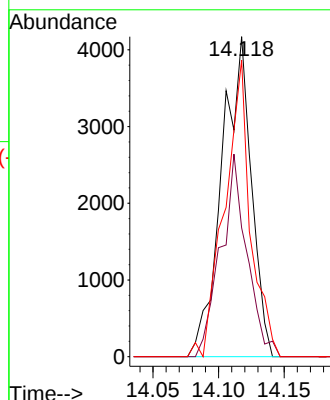
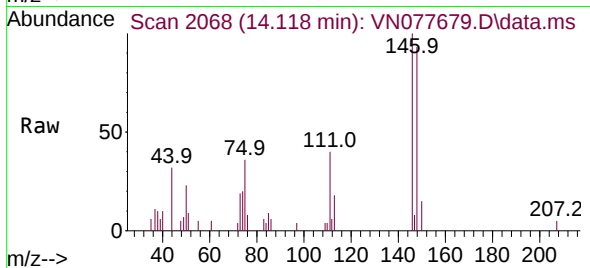
148 81.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.168 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

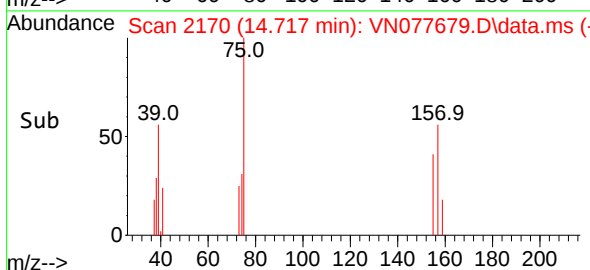
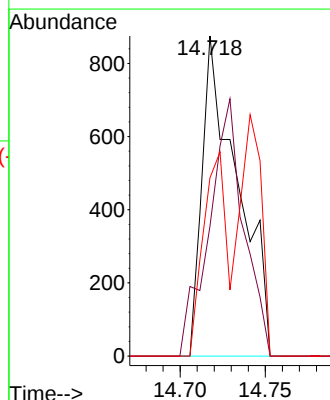
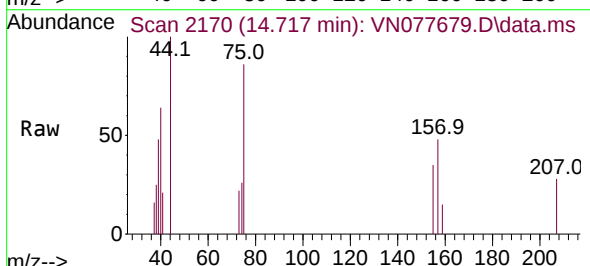
Tgt Ion: 75 Resp: 1262

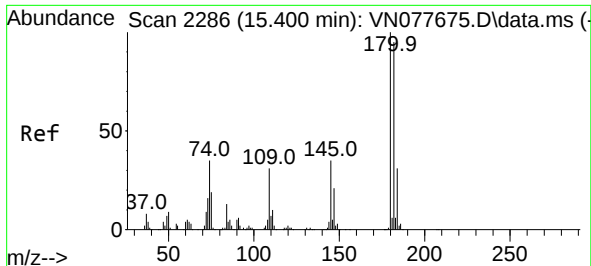
Ion Ratio Lower Upper

75 100

155 78.9 39.1 117.2

157 41.6 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.175 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

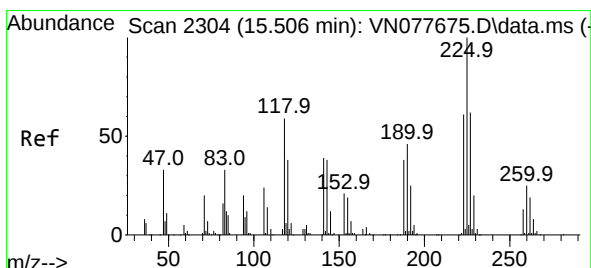
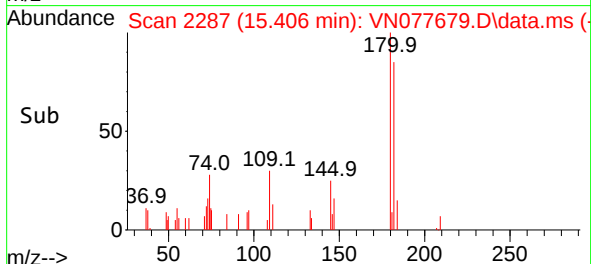
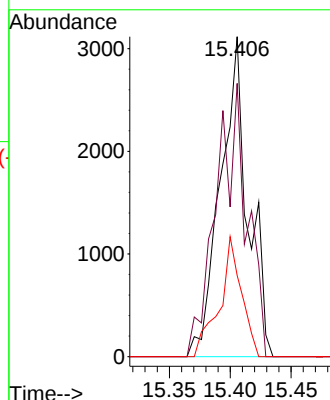
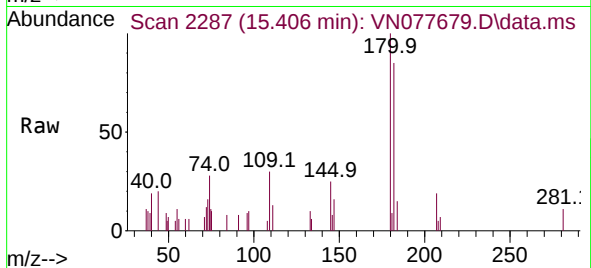
Tgt Ion:	180	Resp:	491
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.1	138.2
145	30.0	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#94

Hexachlorobutadiene

Concen: 1.061 ug/l

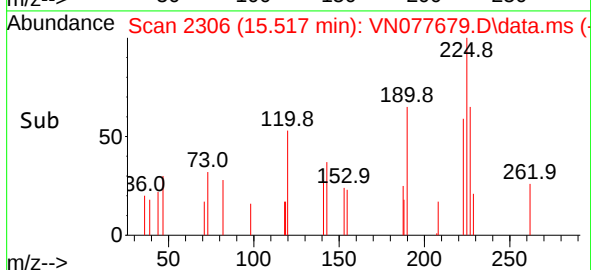
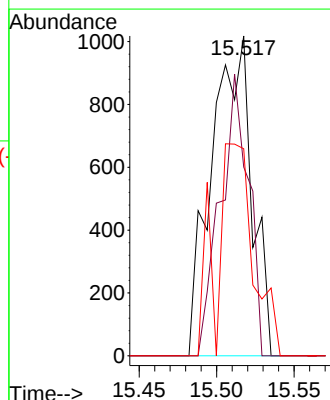
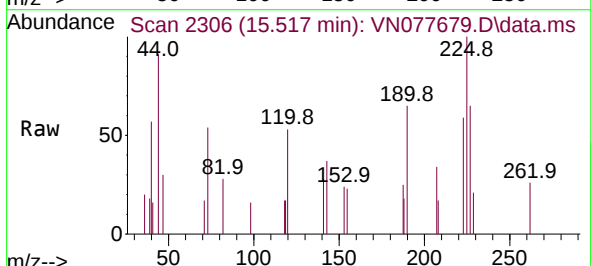
RT: 15.517 min Scan# 2306

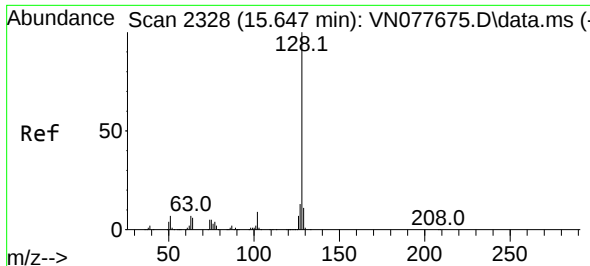
Delta R.T. 0.011 min

Lab File: VN077679.D

Acq: 15 May 2023 20:06

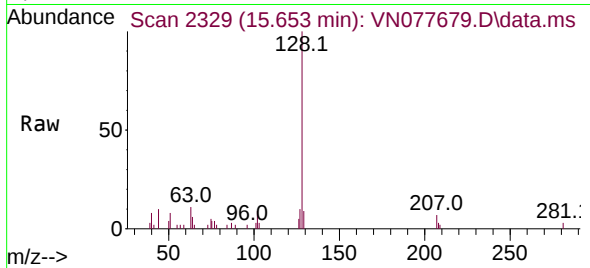
Tgt Ion:	225	Resp:	1840
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.3	93.8
227	61.0	31.9	95.9





#95
Naphthalene
Concen: 1.179 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06

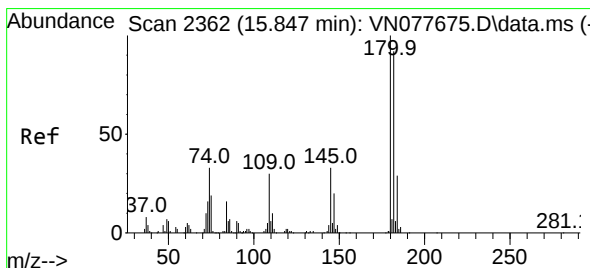
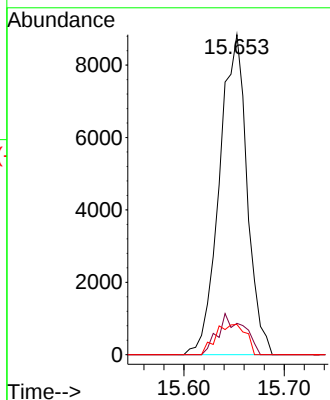
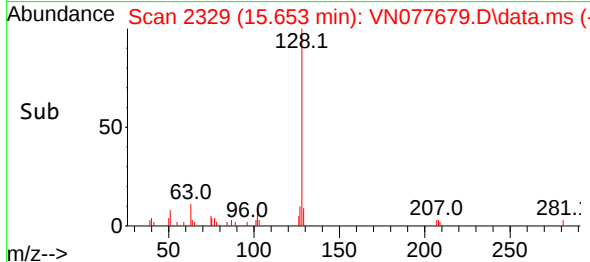
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



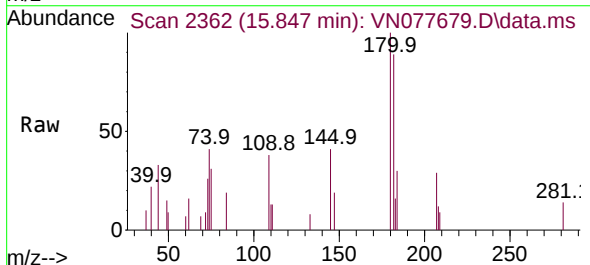
Tgt Ion:128 Resp: 1695
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.083 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077679.D
Acq: 15 May 2023 20:06



Tgt Ion:180 Resp: 4431
Ion Ratio Lower Upper
180 100
182 102.5 46.2 138.6
145 36.2 17.5 52.6

