

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079430.D
 Acq On : 05 Oct 2023 19:51
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 06 03:06:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	215975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	339716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87397	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	2.136	85	2998	0.969	ug/l	86
3) Chloromethane	2.371	50	4274	1.107	ug/l	97
4) Vinyl Chloride	2.512	62	3999	0.996	ug/l #	77
6) Chloroethane	3.118	64	3536	1.187	ug/l	96
7) Trichlorofluoromethane	3.501	101	5160	1.088	ug/l	99
8) Diethyl Ether	3.965	74	1624	0.961	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.359	101	3382	1.220	ug/l #	82
12) 1,1-Dichloroethene	4.348	96	2620	1.027	ug/l #	91
14) Allyl chloride	5.036	41	4087	0.992	ug/l #	19
15) Acrylonitrile	5.742	53	7028	4.599	ug/l #	70
16) Acetone	4.442	43	6879	4.953	ug/l #	76
17) Carbon Disulfide	4.718	76	9103	1.144	ug/l #	75
18) Methyl Acetate	5.047	43	7866	1.157	ug/l #	76
19) Methyl tert-butyl Ether	5.812	73	8067	0.973	ug/l #	78
20) Methylene Chloride	5.271	84	5240	1.134	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	3746	1.257	ug/l #	87
22) Diisopropyl ether	6.671	45	8267	0.895	ug/l #	90
23) Vinyl Acetate	6.612	43	22535	4.339	ug/l #	77
24) 1,1-Dichloroethane	6.571	63	6106	1.080	ug/l #	93
25) 2-Butanone	7.494	43	9139	4.433	ug/l #	75
26) 2,2-Dichloropropane	7.500	77	4326	1.002	ug/l	80
27) cis-1,2-Dichloroethene	7.494	96	3299	1.019	ug/l	83
28) Bromochloromethane	7.812	49	2867	1.066	ug/l #	76
29) Tetrahydrofuran	7.853	42	6117	4.588	ug/l #	69
30) Chloroform	7.965	83	6201	1.086	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	4957	1.032	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	4184	0.972	ug/l	88
37) Ethyl Acetate	7.571	43	3736	0.847	ug/l #	75
38) Carbon Tetrachloride	8.371	117	4473	1.038	ug/l	86
39) Methylcyclohexane	9.606	83	3750	0.907	ug/l #	78
40) Benzene	8.606	78	12674	0.991	ug/l	95
41) Methacrylonitrile	7.794	41	1809	0.803	ug/l #	67
42) 1,2-Dichloroethane	8.683	62	5047	1.087	ug/l	76
43) Isopropyl Acetate	8.700	43	7775m	1.036	ug/l	
44) Trichloroethene	9.365	130	3036	1.009	ug/l	84
45) 1,2-Dichloropropane	9.624	63	3301	0.980	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	2081	0.954	ug/l	90
47) Bromodichloromethane	9.894	83	4506	1.004	ug/l	87
48) Methyl methacrylate	9.688	41	3208	0.998	ug/l #	70
49) 1,4-Dioxane	9.706	88	870	14.689	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	17164	4.052	ug/l #	85
52) Toluene	10.629	92	6591	0.876	ug/l	95
53) t-1,3-Dichloropropene	10.847	75	4047	0.895	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	4376	0.884	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	3020	1.000	ug/l #	83
56) Ethyl methacrylate	10.882	69	3020	0.728	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	4673	0.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	5840	3.674	ug/l #	88
59) 2-Hexanone	11.206	43	11765	3.849	ug/l	78
60) Dibromochloromethane	11.365	129	2547	0.839	ug/l	95
61) 1,2-Dibromoethane	11.476	107	2776	0.926	ug/l	95
64) Tetrachloroethene	11.106	164	2541	1.087	ug/l #	85
65) Chlorobenzene	11.894	112	7882	1.042	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	2726	0.984	ug/l #	57
67) Ethyl Benzene	11.971	91	12263	0.933	ug/l	95
68) m/p-Xylenes	12.076	106	7191	1.505	ug/l	90
69) o-Xylene	12.400	106	3966	0.844	ug/l	93
70) Styrene	12.418	104	5424	0.731	ug/l	95
71) Bromoform	12.576	173	1986	0.980	ug/l #	67
73) Isopropylbenzene	12.700	105	9132	1.123	ug/l	93
74) N-amyl acetate	12.494	43	3321	0.996	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.947	83	4602	0.552	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	2087m	0.806	ug/l	
77) Bromobenzene	12.982	156	2416	1.212	ug/l	97
78) n-propylbenzene	13.041	91	9169	0.997	ug/l	92
79) 2-Chlorotoluene	13.135	91	6844	1.163	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	5867	0.915	ug/l	96
82) 4-Chlorotoluene	13.229	91	5692	1.016	ug/l	96
83) tert-Butylbenzene	13.441	119	4941	0.941	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	5621	0.919	ug/l	96
85) sec-Butylbenzene	13.623	105	6788	0.926	ug/l	100
86) p-Isopropyltoluene	13.735	119	4997	0.889	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	3474	1.099	ug/l	97
88) 1,4-Dichlorobenzene	13.823	146	3937m	1.206	ug/l	
89) n-Butylbenzene	14.059	91	3679	0.820	ug/l	96
90) Hexachloroethane	14.341	117	1829	0.569	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	3232	1.048	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	550	1.170	ug/l	70
93) 1,2,4-Trichlorobenzene	15.400	180	878	0.919	ug/l #	70
94) Hexachlorobutadiene	15.500	225	817	1.098	ug/l	86
95) Naphthalene	15.647	128	3077	1.055	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.847	180	1302	1.142	ug/l #	78

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

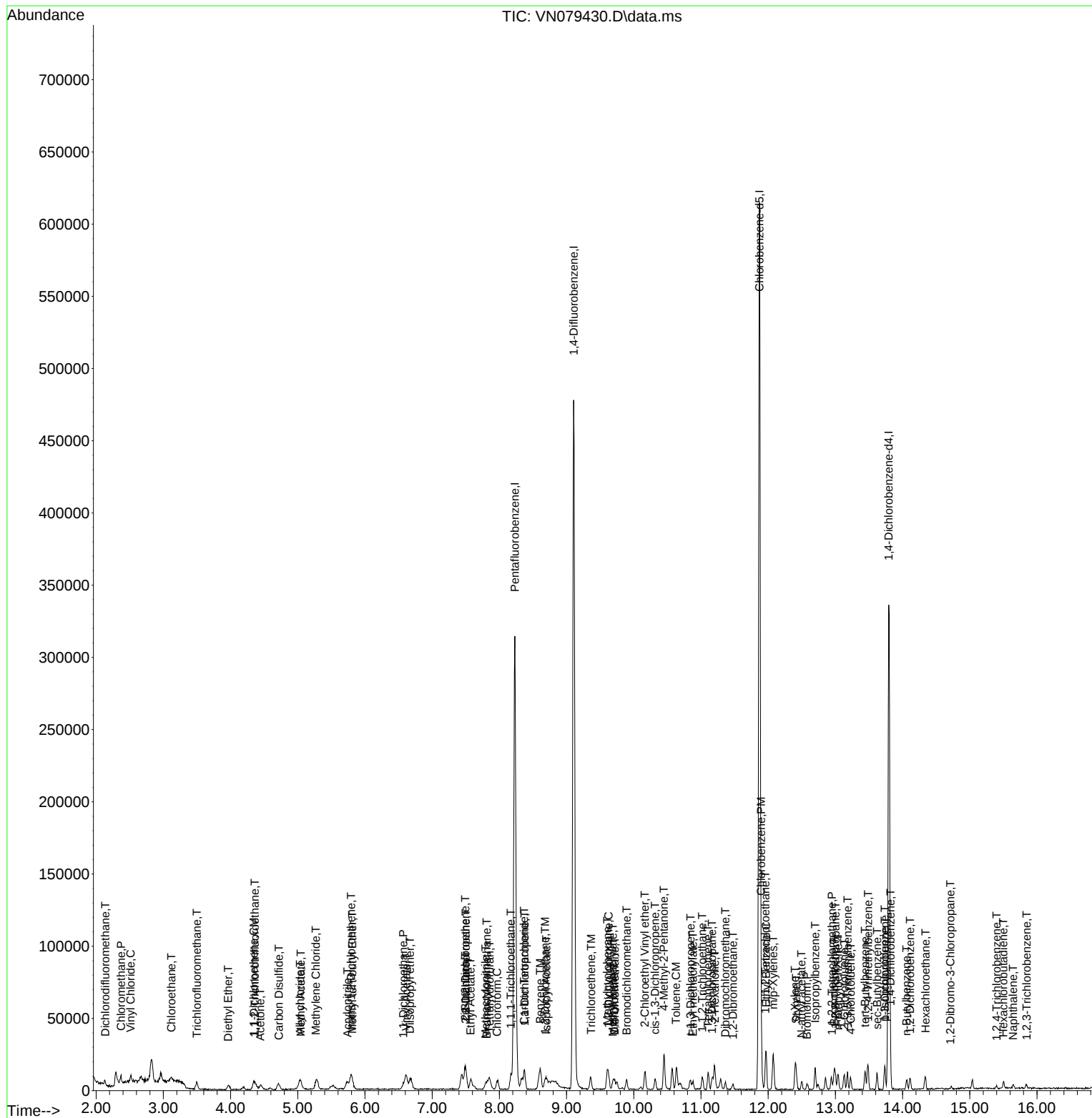
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

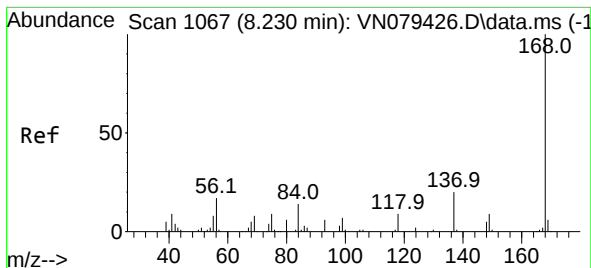
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

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QLast Update : Fri Oct 06 02:55:11 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:168 Resp: 21597

Ion Ratio Lower Upper

168 100

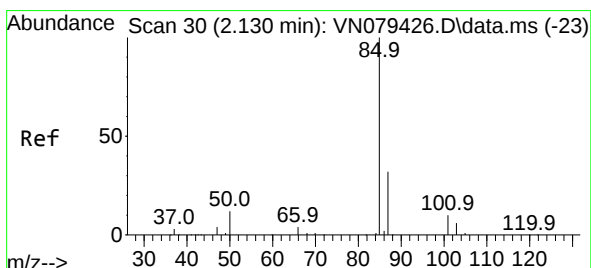
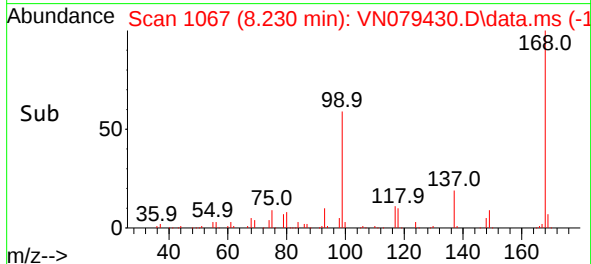
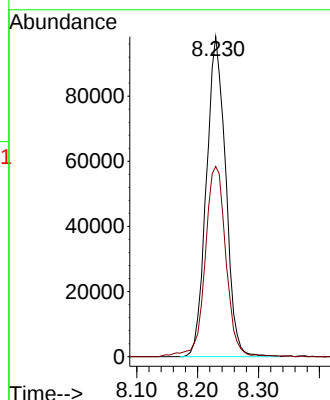
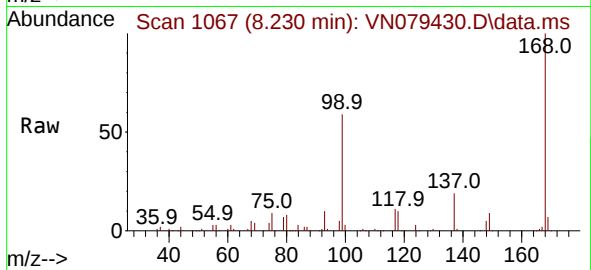
99 59.2 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#2

Dichlorodifluoromethane

Concen: 0.969 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN079430.D

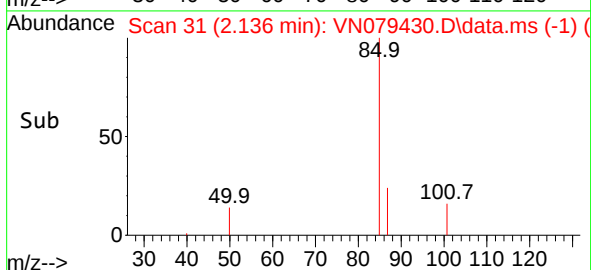
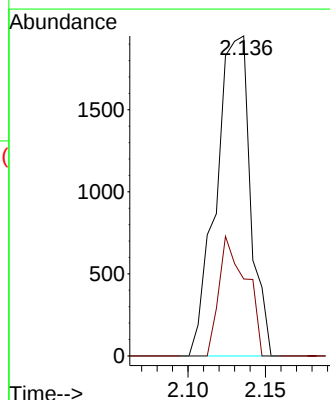
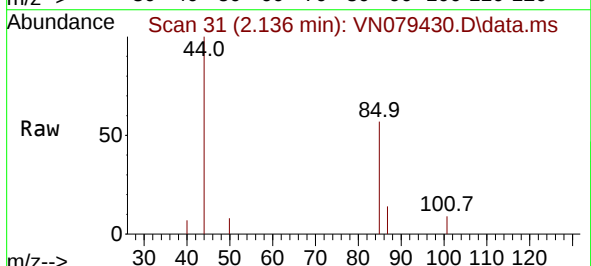
Acq: 05 Oct 2023 19:51

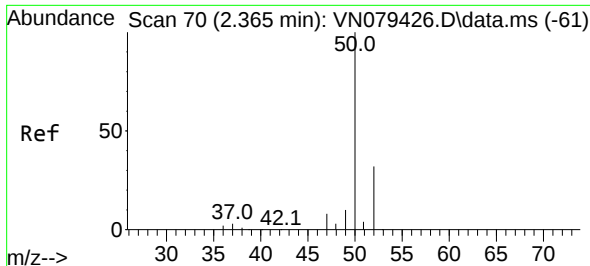
Tgt Ion: 85 Resp: 2998

Ion Ratio Lower Upper

85 100

87 24.1 15.8 47.4





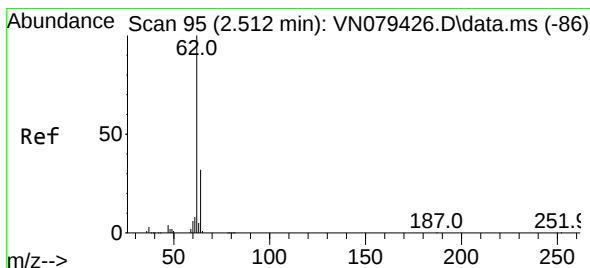
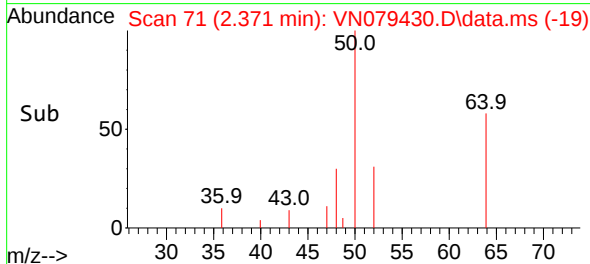
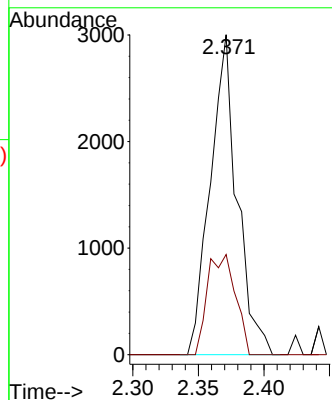
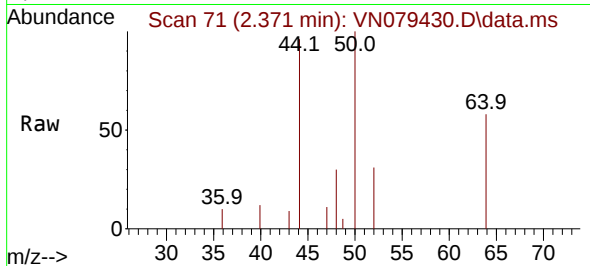
#3
Chloromethane
Concen: 1.107 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 4274
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

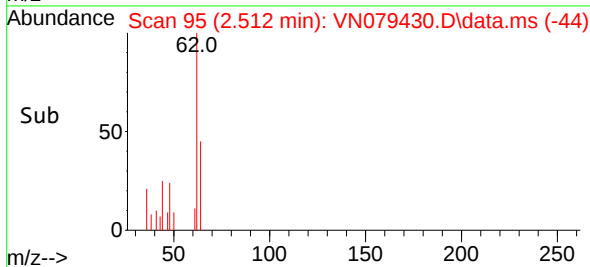
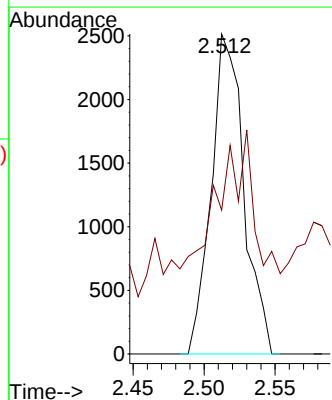
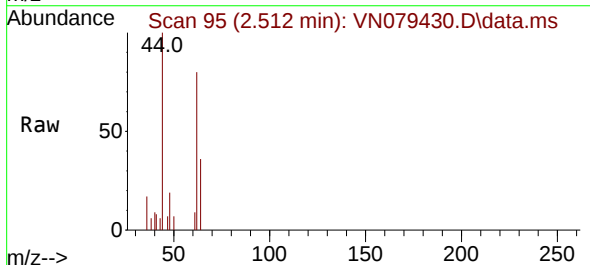
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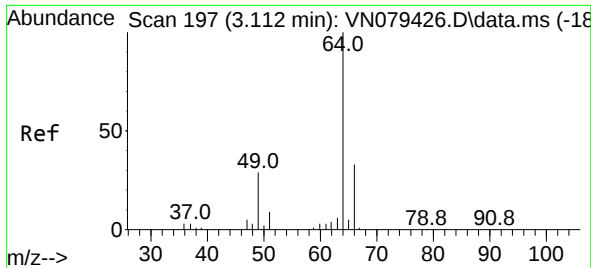
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#4
Vinyl Chloride
Concen: 0.996 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 62 Resp: 3999
Ion Ratio Lower Upper
62 100
64 19.8 26.2 39.2#





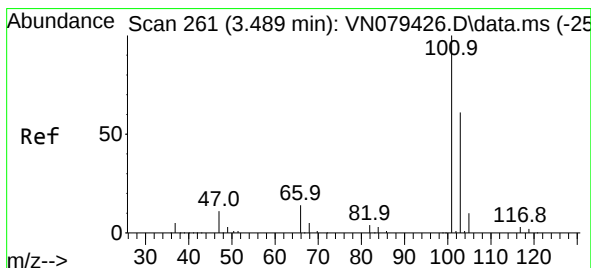
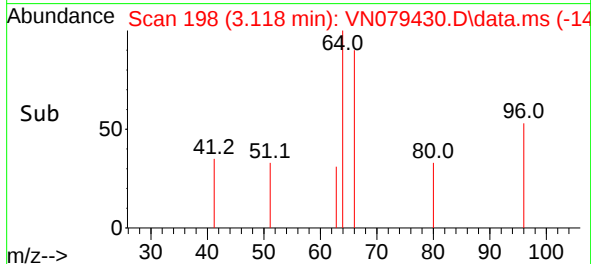
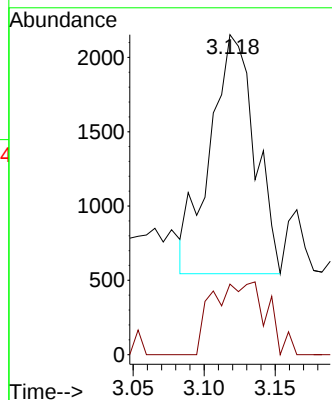
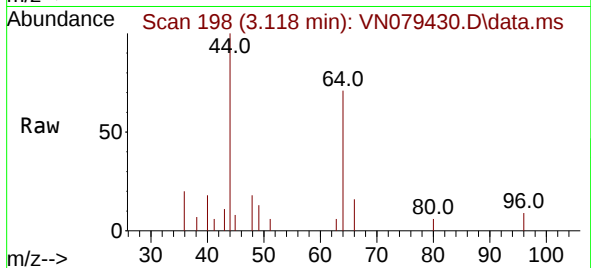
#6
Chloroethane
Concen: 1.187 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 64 Resp: 3530
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2

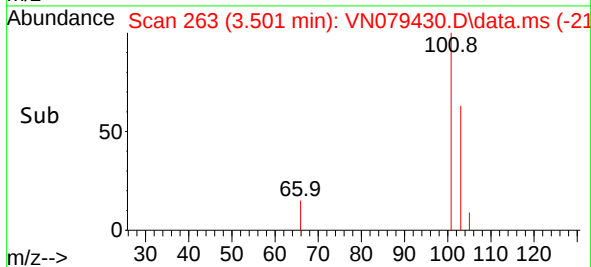
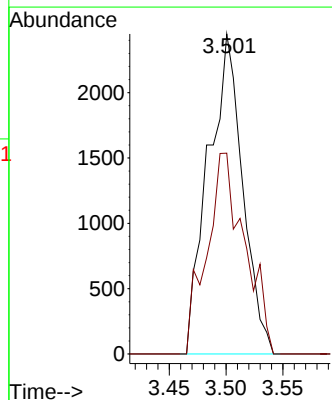
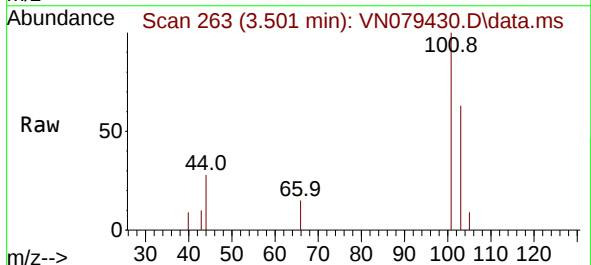
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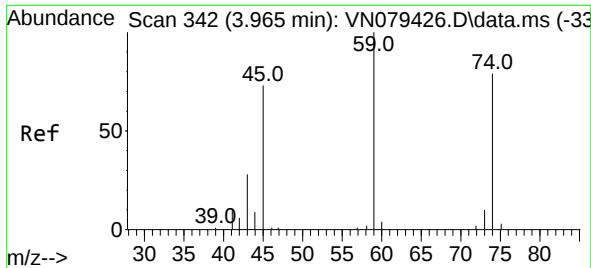
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#7
Trichlorofluoromethane
Concen: 1.088 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:101 Resp: 5160
Ion Ratio Lower Upper
101 100
103 62.8 50.7 76.1





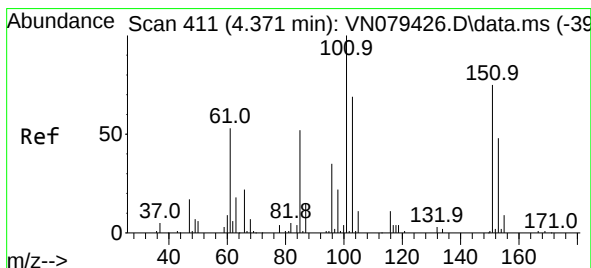
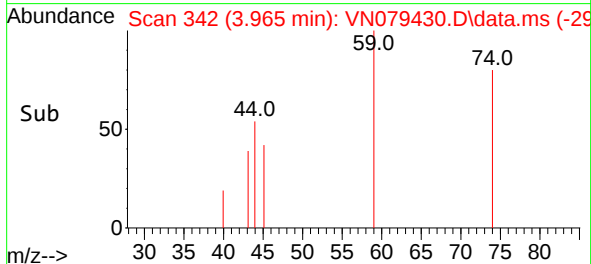
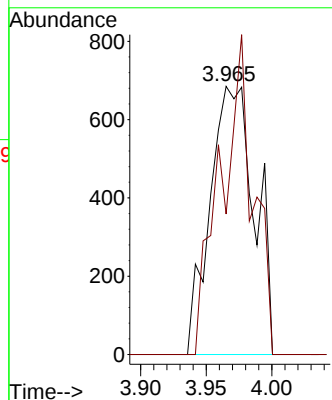
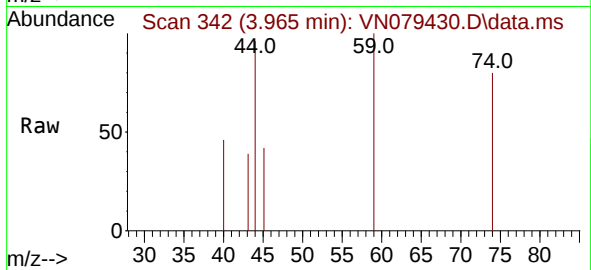
#8
Diethyl Ether
Concen: 0.961 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 1624
Ion Ratio Lower Upper
74 100
45 87.1 34.4 103.3

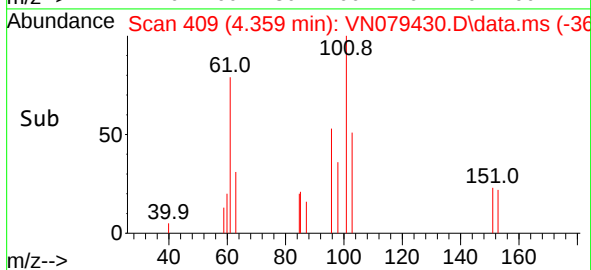
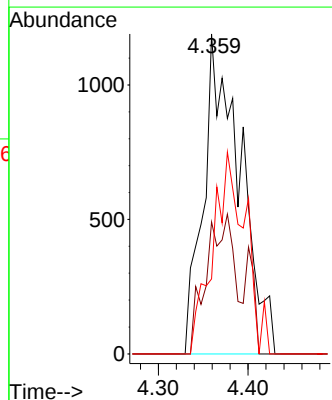
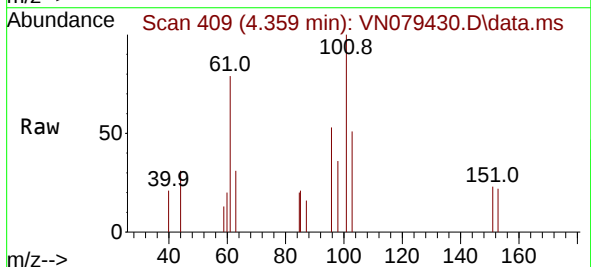
Manual Integrations
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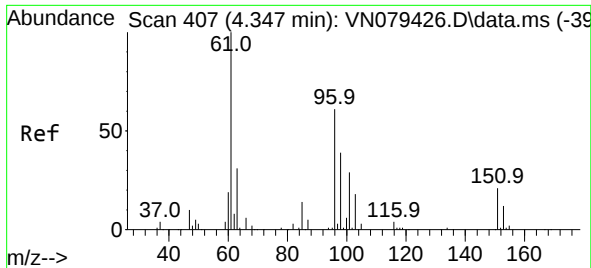
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.220 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN079430.D
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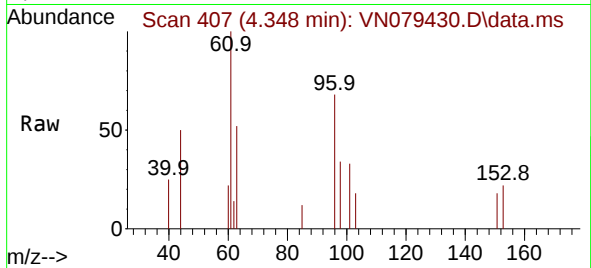
Tgt Ion:101 Resp: 3382
Ion Ratio Lower Upper
101 100
85 34.4 36.6 55.0#
151 56.2 57.6 86.4#





#12
1,1-Dichloroethene
Concen: 1.027 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079430.D
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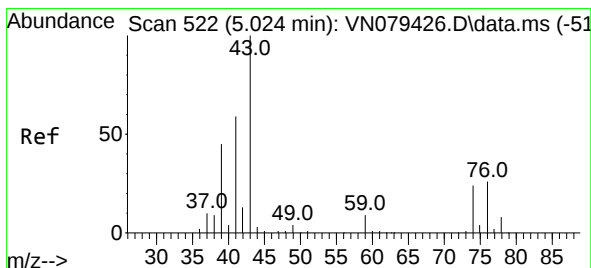
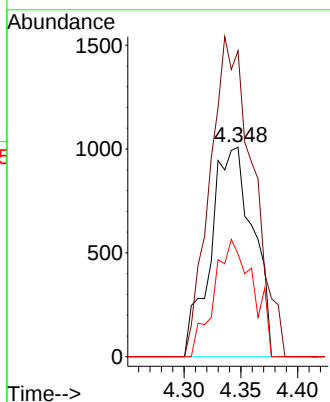
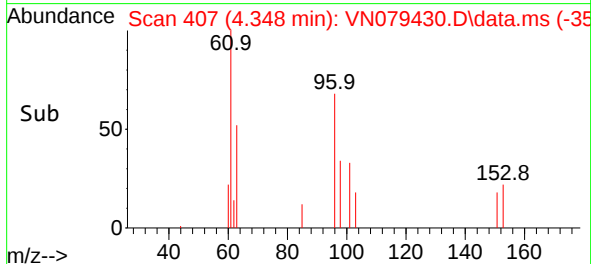
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



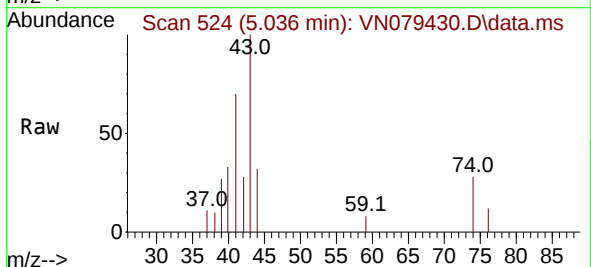
Tgt Ion: 96 Resp: 2620
Ion Ratio Lower Upper
96 100
61 146.0 112.7 169.1
98 49.1 51.2 76.8

Manual Integrations
APPROVED

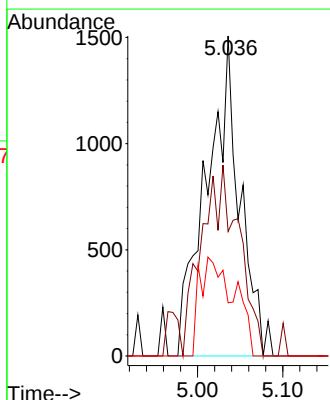
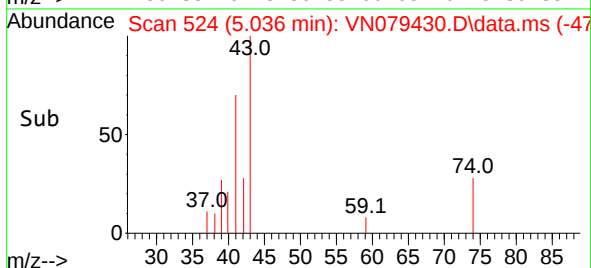
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

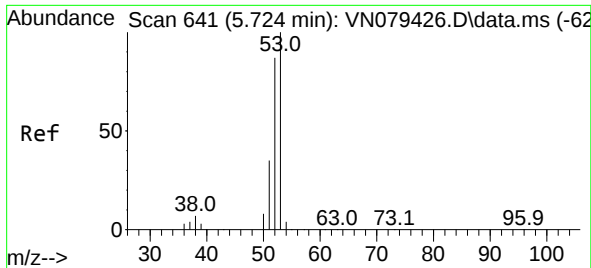


#14
Allyl chloride
Concen: 0.992 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



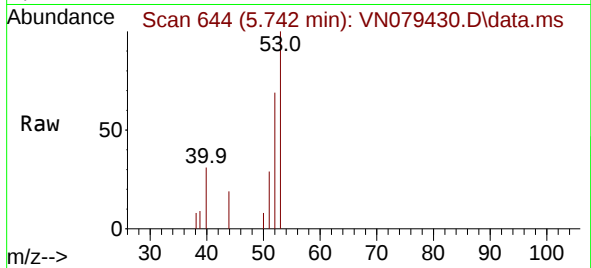
Tgt Ion: 41 Resp: 4087
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 39.1 58.7#





#15
Acrylonitrile
Concen: 4.599 ug/l
RT: 5.742 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

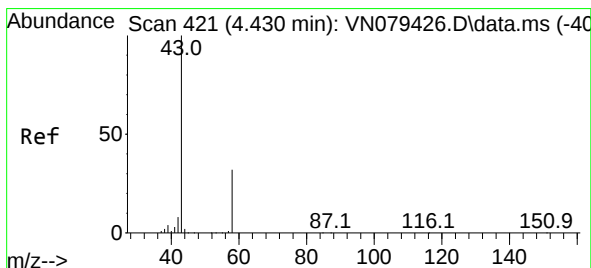
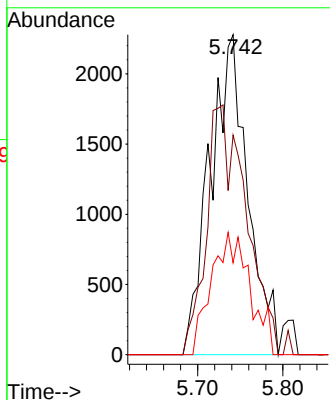
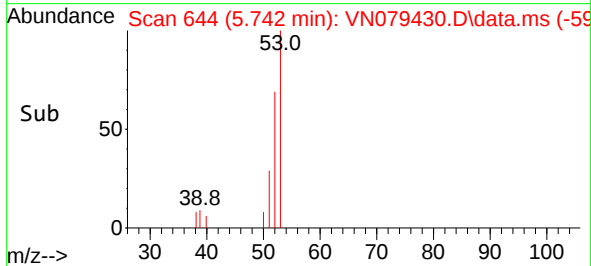
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



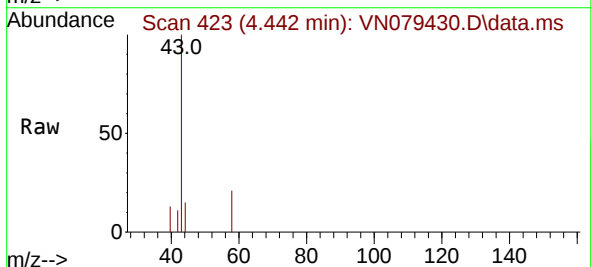
Tgt Ion: 53 Resp: 7028
Ion Ratio Lower Upper
53 100
52 44.4 65.3 97.9
51 38.7 28.9 43.3

Manual Integrations
APPROVED

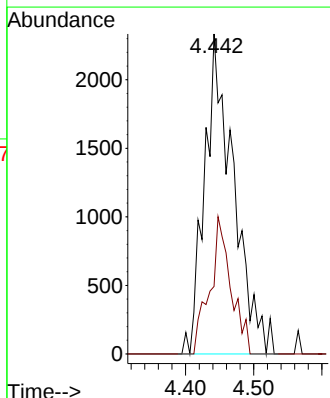
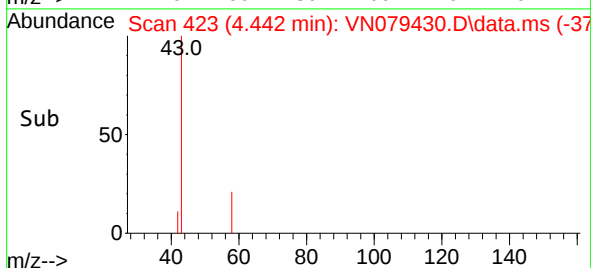
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

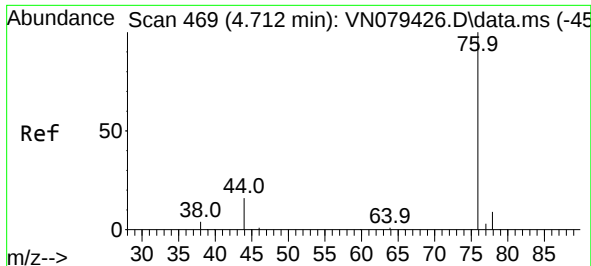


#16
Acetone
Concen: 4.953 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion: 43 Resp: 6879
Ion Ratio Lower Upper
43 100
58 21.1 28.0 42.0#





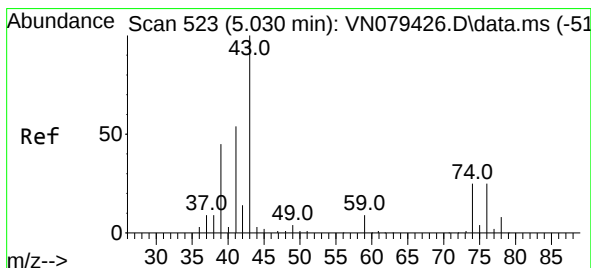
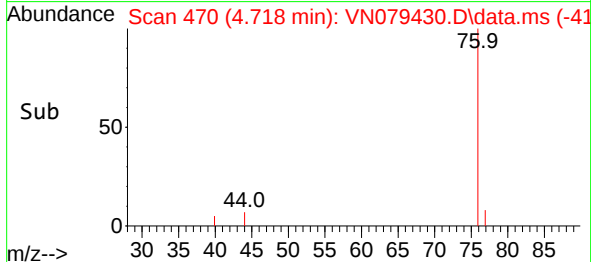
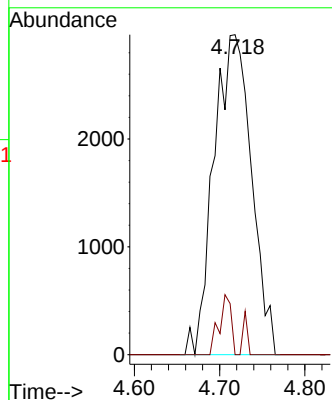
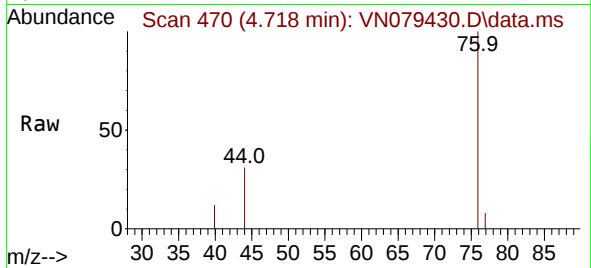
#17
Carbon Disulfide
Concen: 1.144 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0

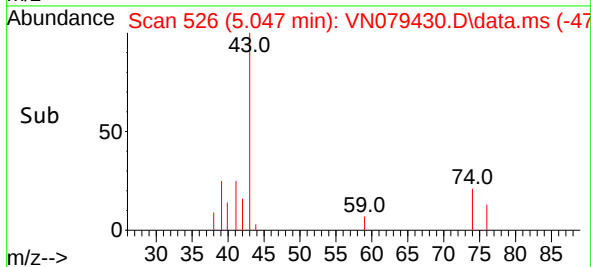
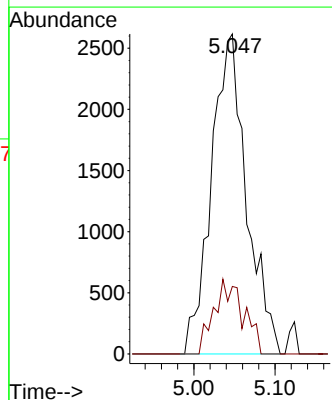
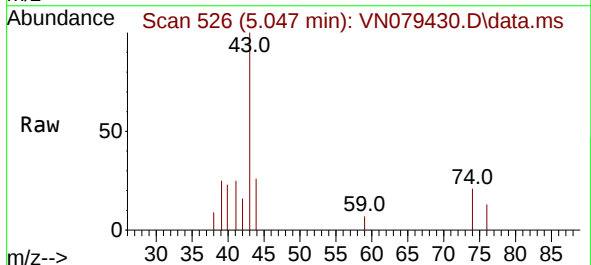
Manual Integrations
APPROVED

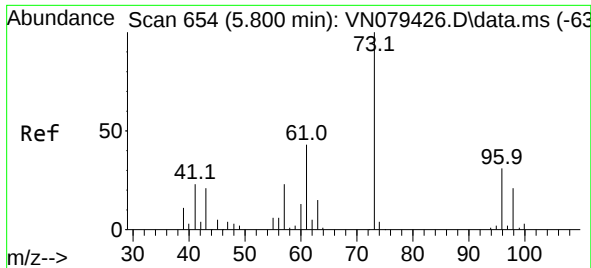
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 1.157 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.018 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 43 Resp: 7866
Ion Ratio Lower Upper
43 100
74 19.5 26.2 39.4





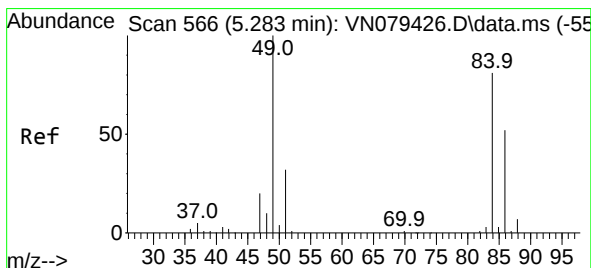
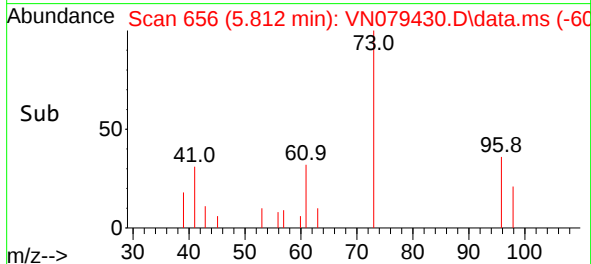
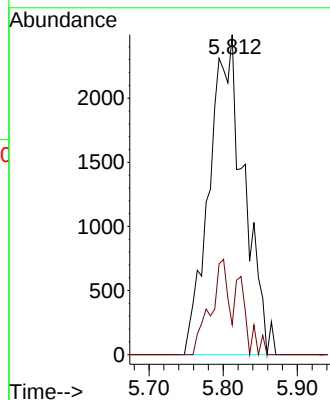
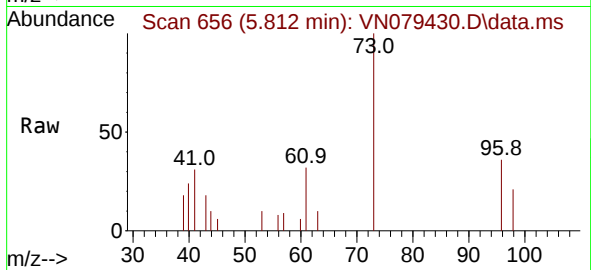
#19
Methyl tert-butyl Ether
Concen: 0.973 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 806
Ion Ratio Lower Upper
73 100
57 9.3 15.6 23.4

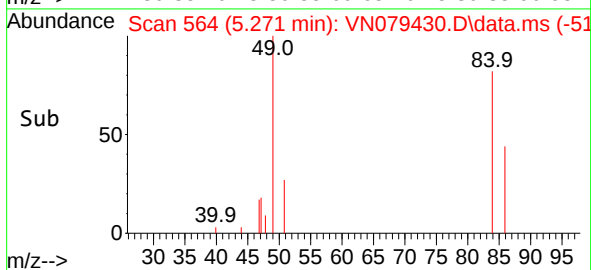
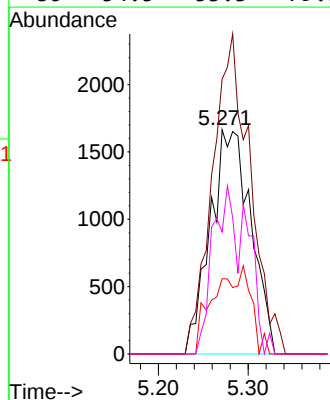
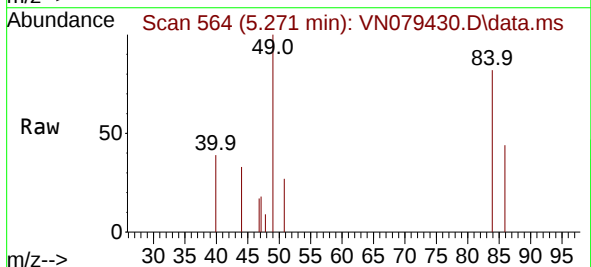
Manual Integrations
APPROVED

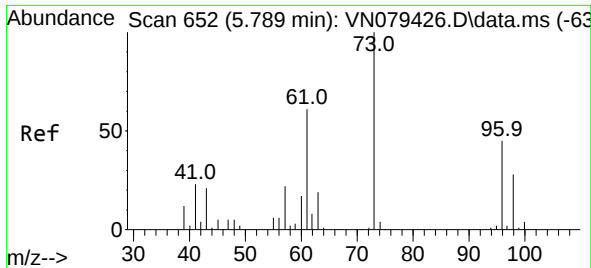
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 84 Resp: 5240
Ion Ratio Lower Upper
84 100
49 122.7 79.7 119.5#
51 33.6 25.2 37.8
86 54.5 53.3 79.9





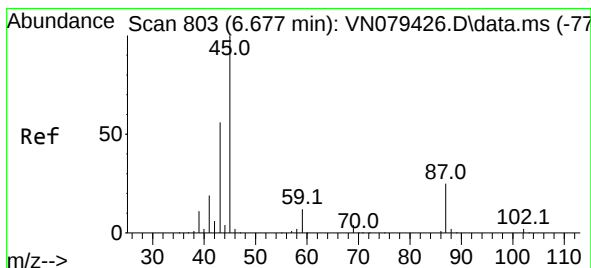
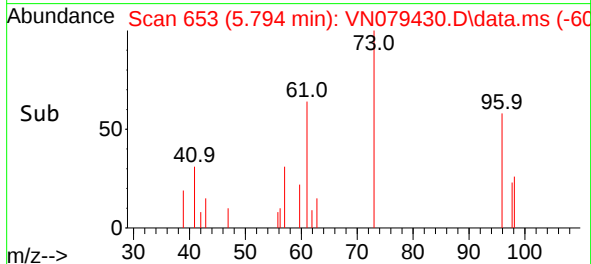
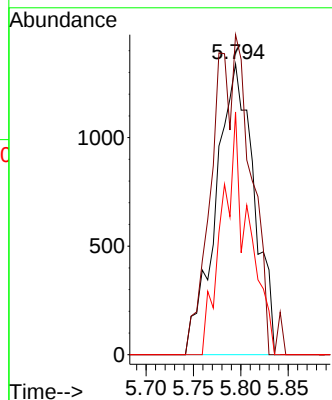
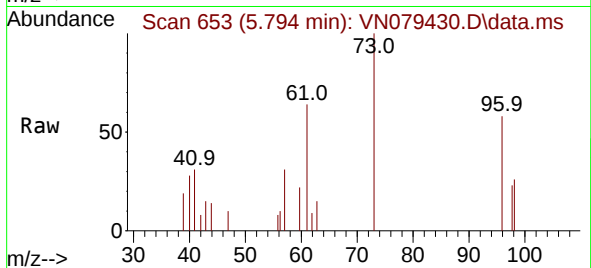
#21
trans-1,2-Dichloroethene
Concen: 1.257 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 3740
Ion Ratio Lower Upper
96 100
61 110.1 90.1 135.1
98 83.5 46.4 69.6

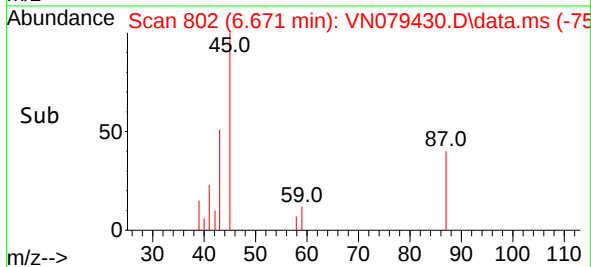
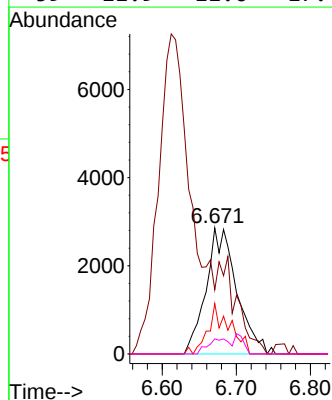
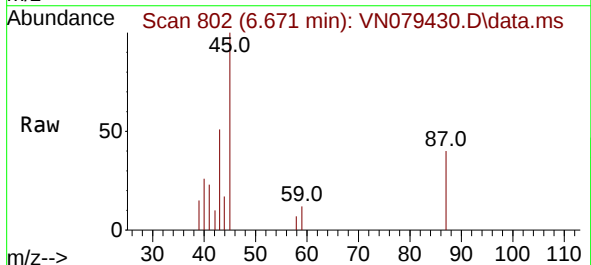
Manual Integrations
APPROVED

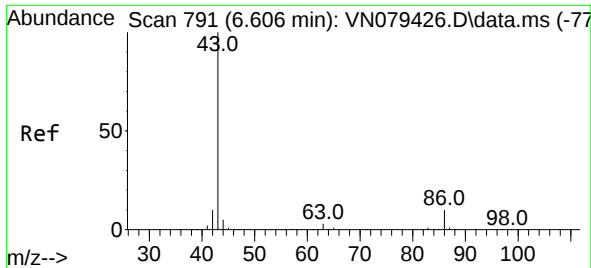
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 0.895 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 45 Resp: 8267
Ion Ratio Lower Upper
45 100
43 43.2 45.5 68.3#
87 40.0 31.8 47.8
59 11.9 11.6 17.4





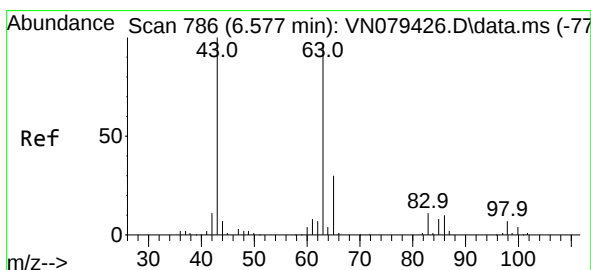
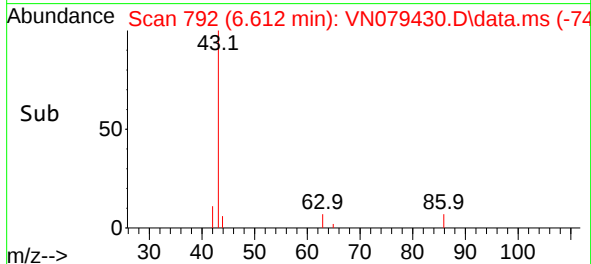
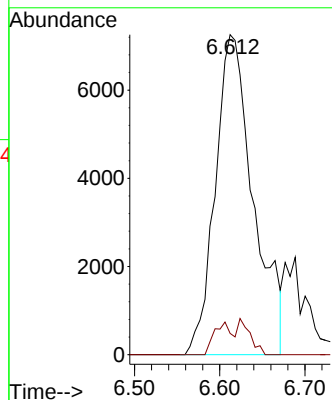
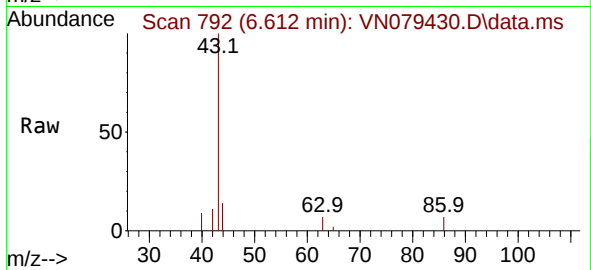
#23
 Vinyl Acetate
 Concen: 4.339 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001

Tgt Ion: 43 Resp: 2253
 Ion Ratio Lower Upper
 43 100
 86 6.6 13.0 19.6

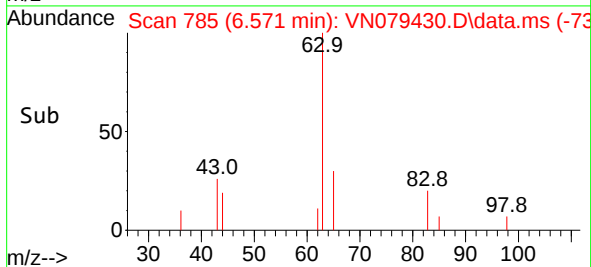
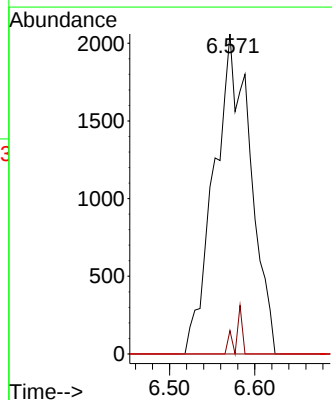
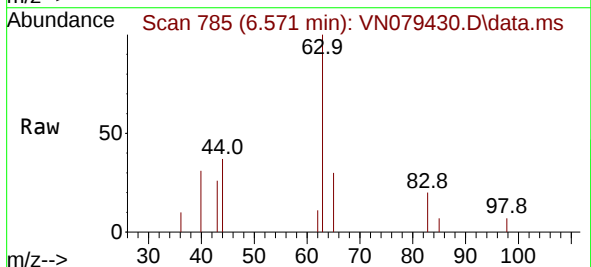
Manual Integrations
 APPROVED

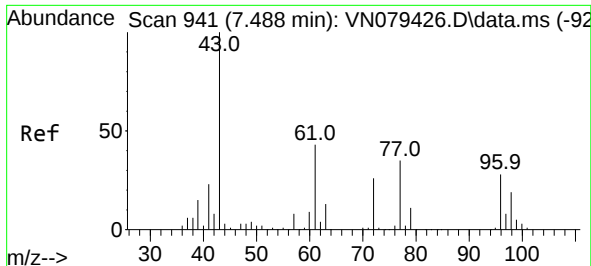
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 1.080 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

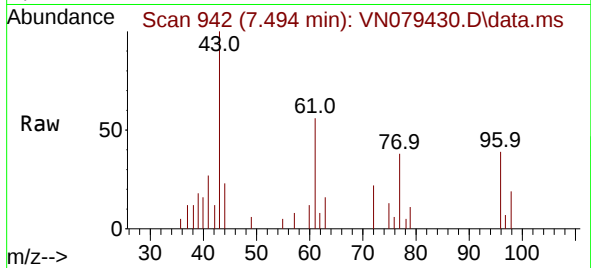
Tgt Ion: 63 Resp: 6106
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 0.0 2.5 7.4





#25
2-Butanone
Concen: 4.433 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

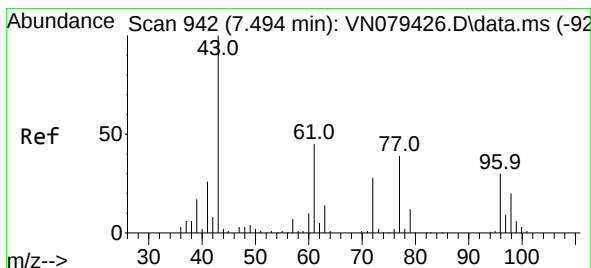
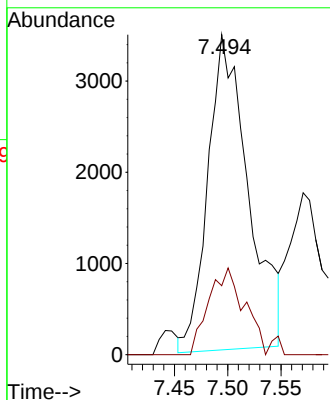
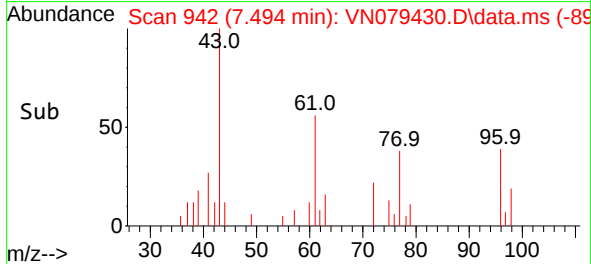
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 9139
Ion Ratio Lower Upper
43 100
72 22.8 30.2 45.2

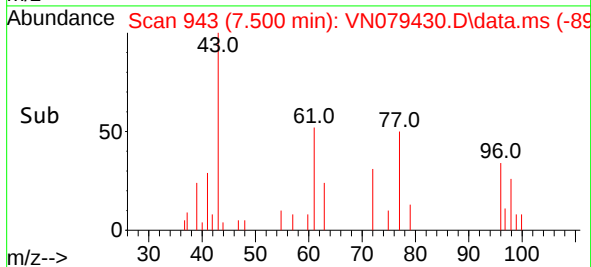
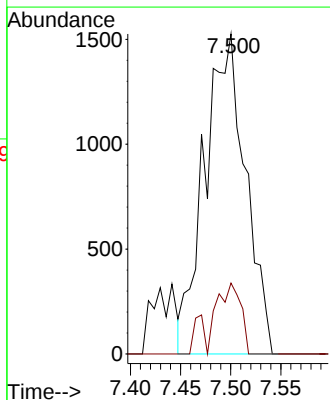
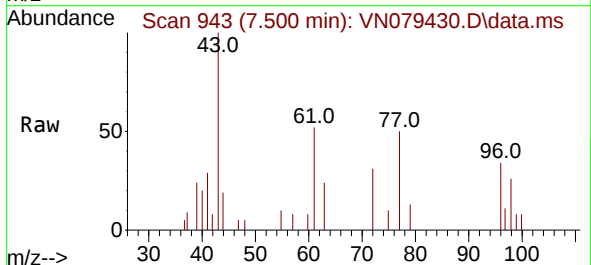
Manual Integrations
APPROVED

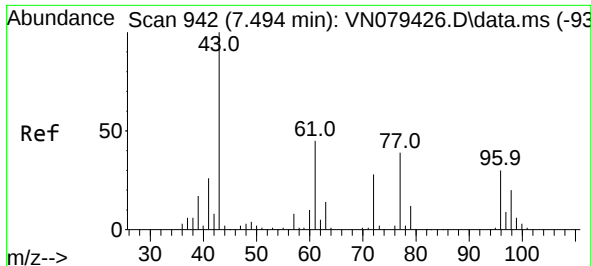
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 1.002 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

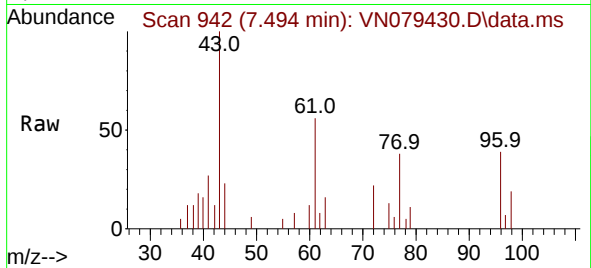
Tgt Ion: 77 Resp: 4326
Ion Ratio Lower Upper
77 100
97 12.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 1.019 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

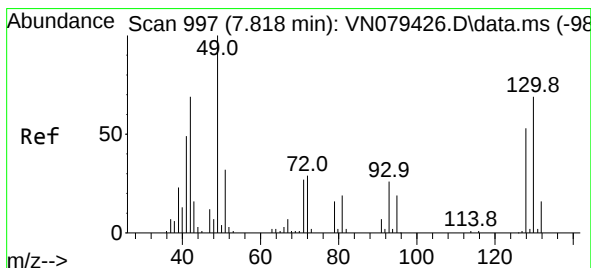
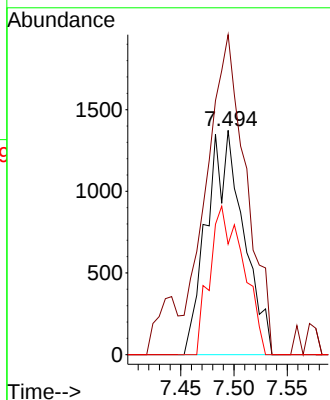
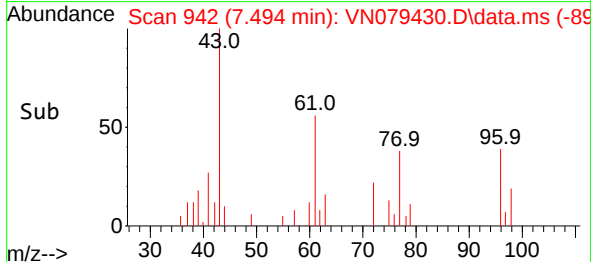
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 329
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 255.2
 98 60.6 0.0 128.8

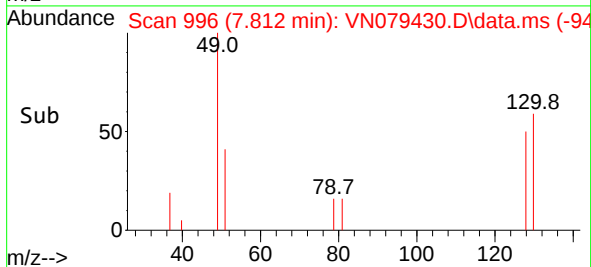
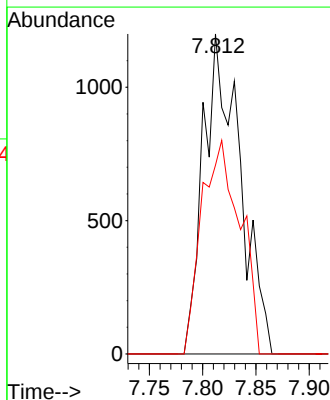
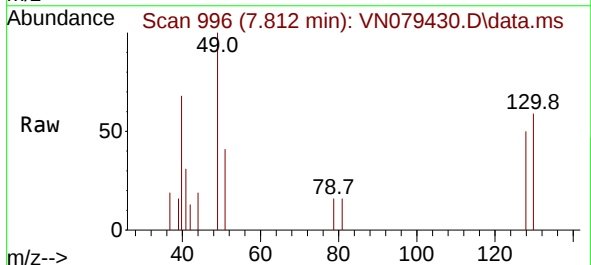
Manual Integrations
 APPROVED

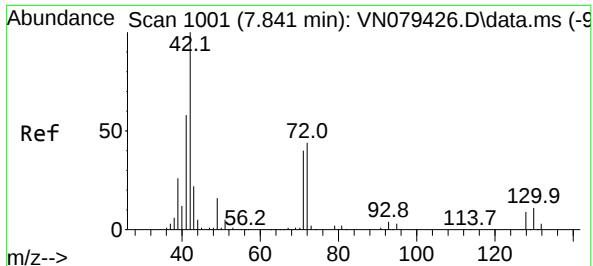
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#28
 Bromochloromethane
 Concen: 1.066 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Tgt Ion: 49 Resp: 2867
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 70.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 4.588 ug/l

RT: 7.853 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

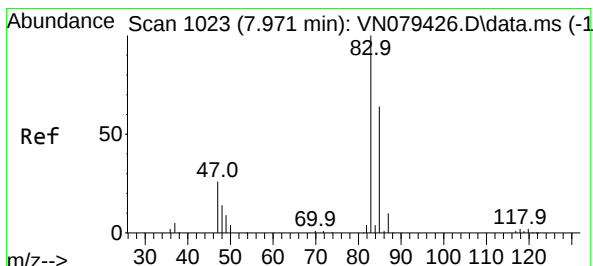
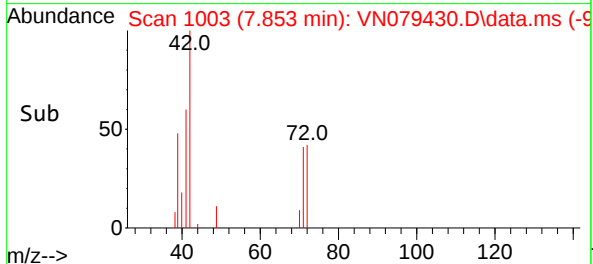
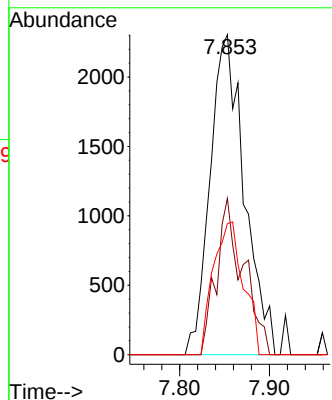
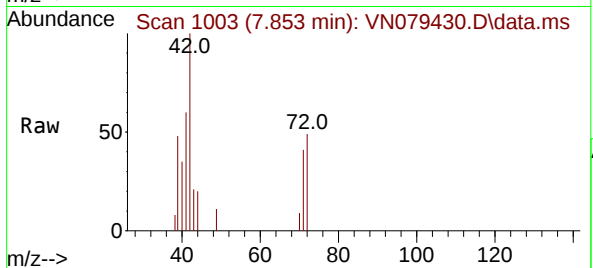
Tgt Ion: 42	Resp: 611
Ion Ratio	Lower Upper
42	100
72	38.5 49.8 74.6
71	36.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 1.086 ug/l

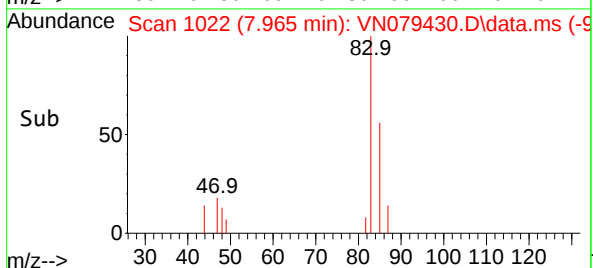
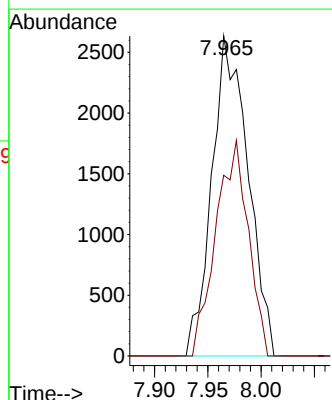
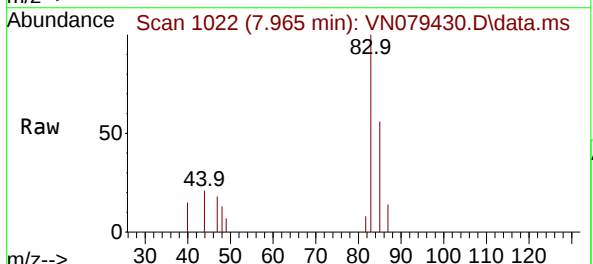
RT: 7.965 min Scan# 1022

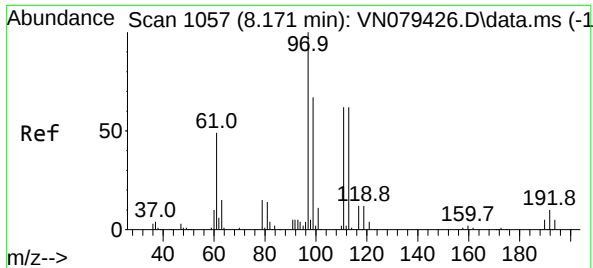
Delta R.T. -0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Tgt Ion: 83	Resp: 6201
Ion Ratio	Lower Upper
83	100
85	56.4 55.4 83.0





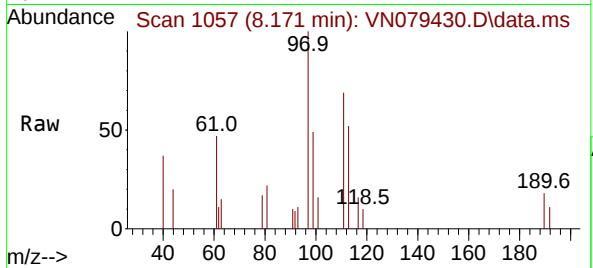
#32
 1,1,1-Trichloroethane
 Concen: 1.032 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



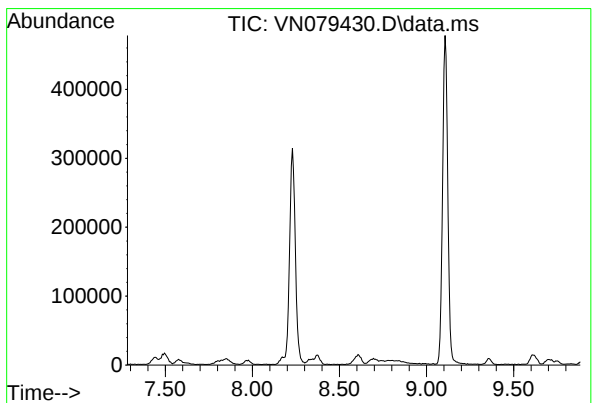
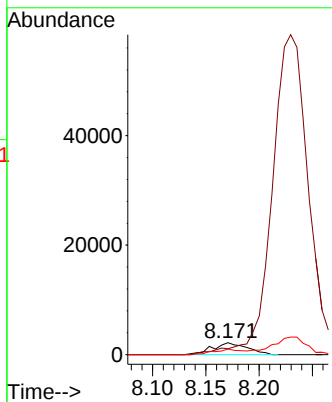
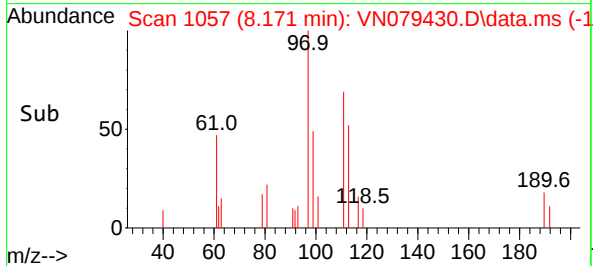
Tgt Ion: 97 Resp: 495
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.3 75.5
 61 38.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

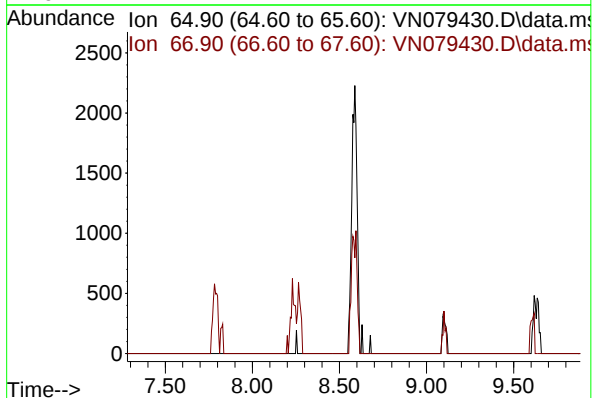
Supervised By :Mahesh Dadoda 10/06/2023

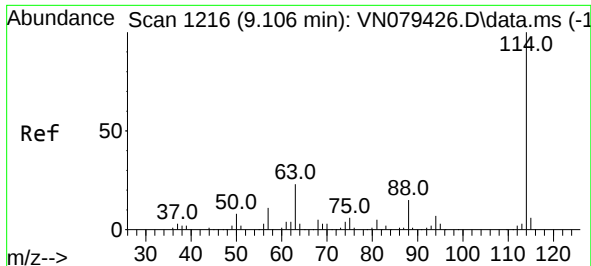


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 53.3





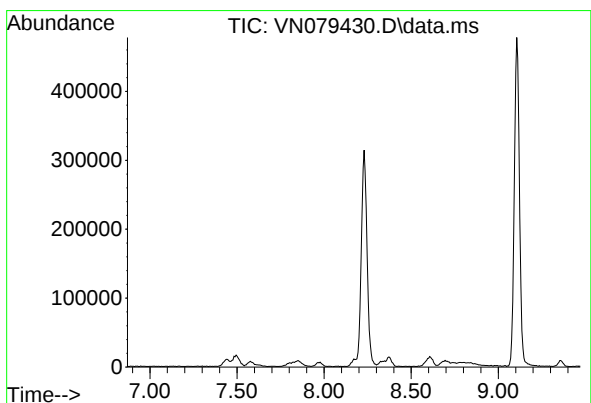
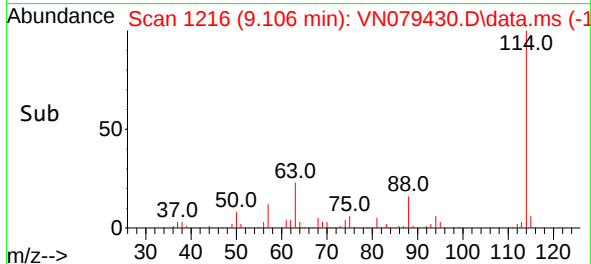
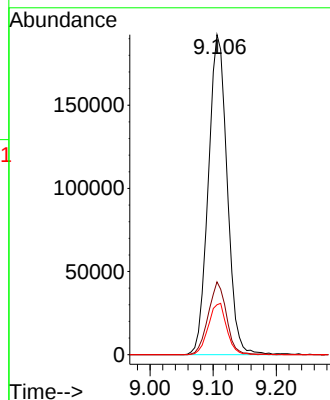
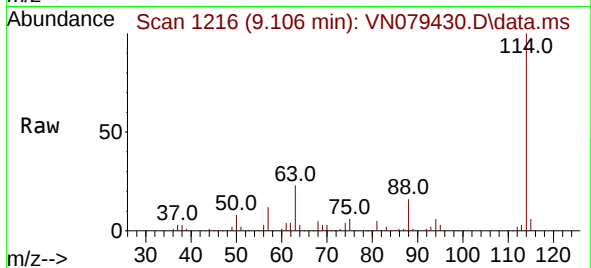
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 39907
Ion Ratio Lower Upper
114 100
63 22.8 0.0 36.4
88 15.6 0.0 30.6

Manual Integrations
APPROVED

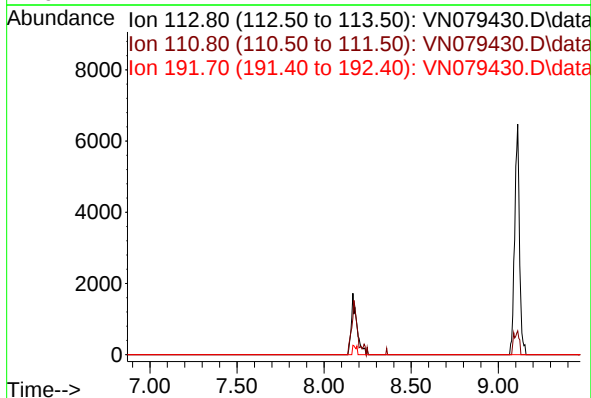
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

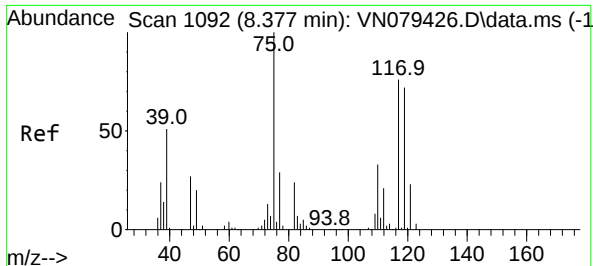


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.2
192 15.9





#36

1,1-Dichloropropene

Concen: 0.972 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

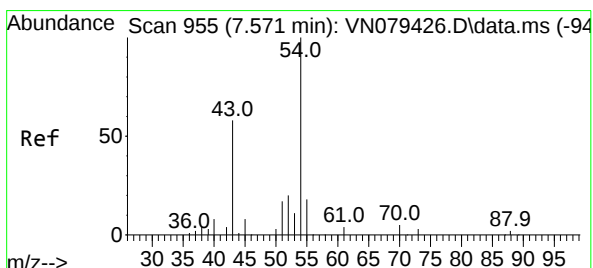
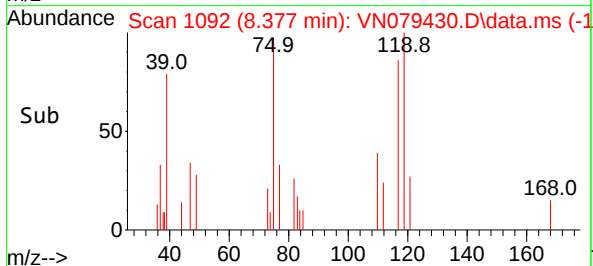
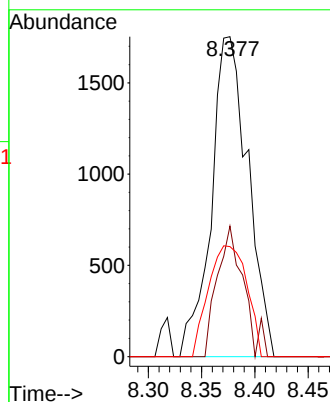
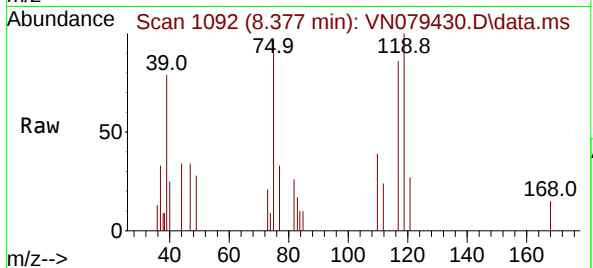
Tgt Ion: 75	Resp: 4184
Ion Ratio	Lower Upper
75 100	
110 29.3	19.1 57.3
77 36.4	25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#37

Ethyl Acetate

Concen: 0.847 ug/l

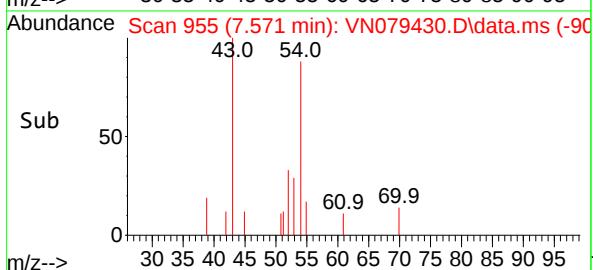
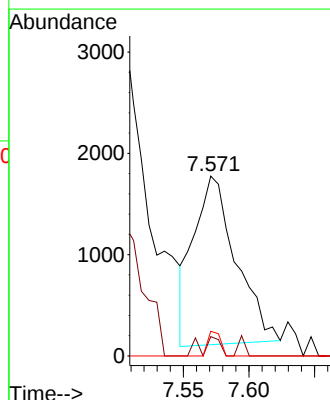
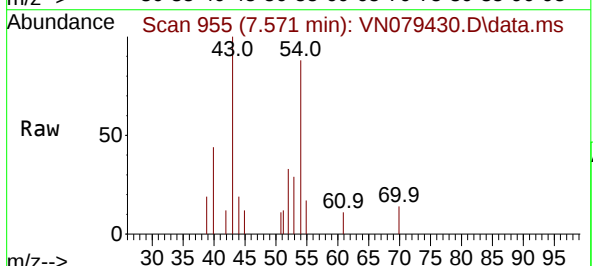
RT: 7.571 min Scan# 955

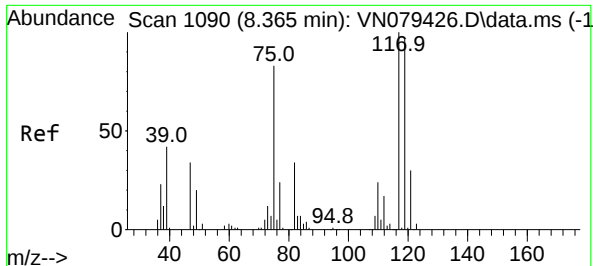
Delta R.T. 0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

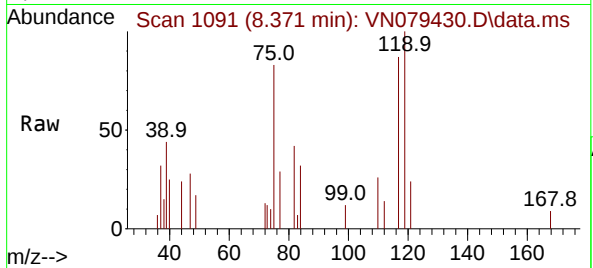
Tgt Ion: 43	Resp: 3736
Ion Ratio	Lower Upper
43 100	
61 5.0	13.2 19.8#
70 4.4	11.3 16.9#





#38
Carbon Tetrachloride
Concen: 1.038 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

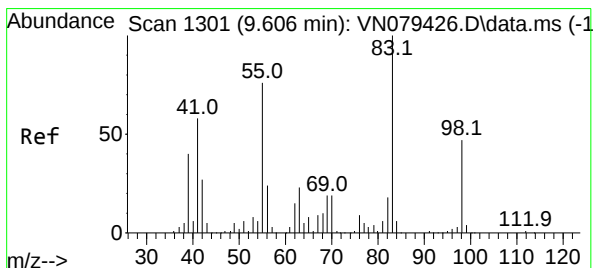
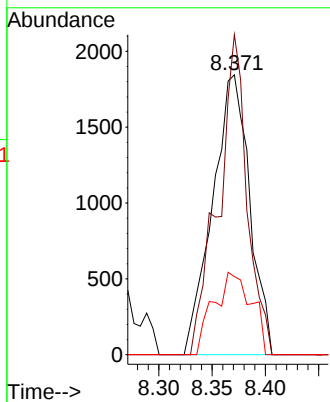
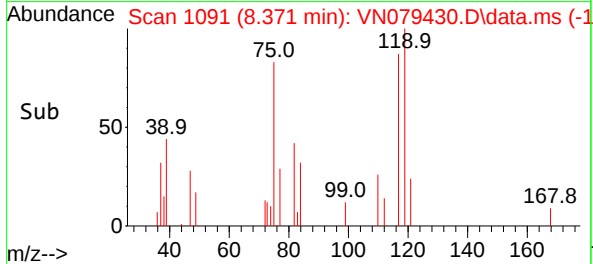
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 447
Ion Ratio Lower Upper
117 100
119 114.4 77.3 115.9
121 27.9 23.3 34.9

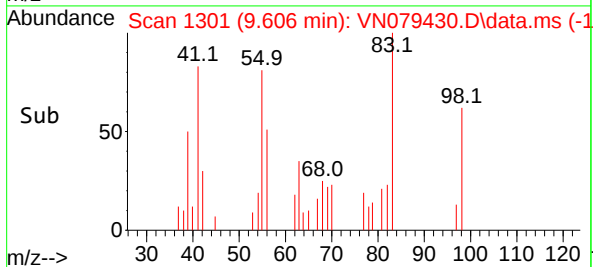
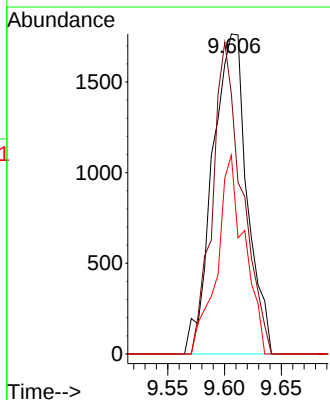
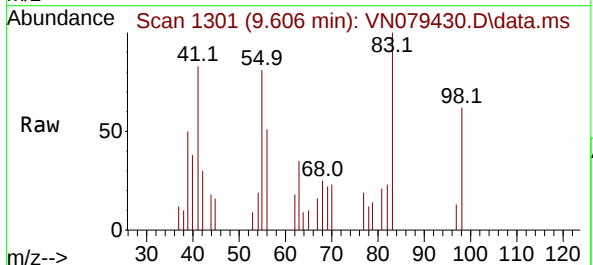
Manual Integrations
APPROVED

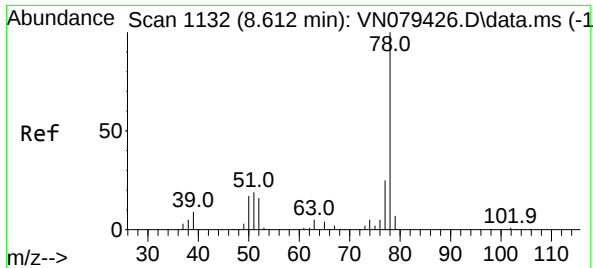
Reviewed By : John Carlone 10/06/2023
Supervised By : Mahesh Dadoda 10/06/2023



#39
Methylcyclohexane
Concen: 0.907 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 83 Resp: 3750
Ion Ratio Lower Upper
83 100
55 81.4 49.1 73.7#
98 62.2 40.6 61.0#





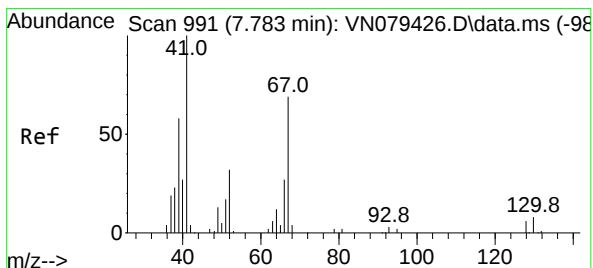
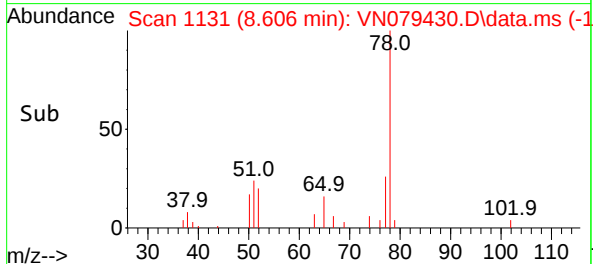
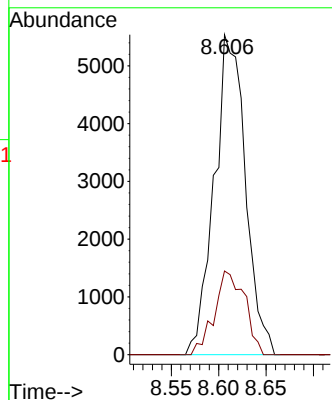
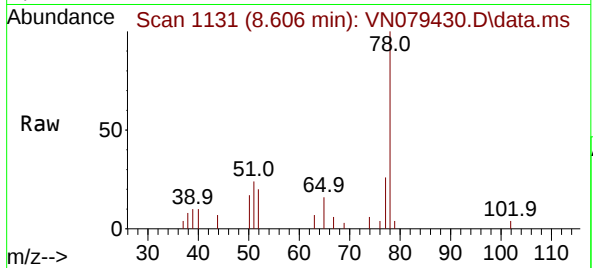
#40
Benzene
Concen: 0.991 ug/l
RT: 8.606 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 12674
Ion Ratio Lower Upper
78 100
77 26.2 19.0 28.6

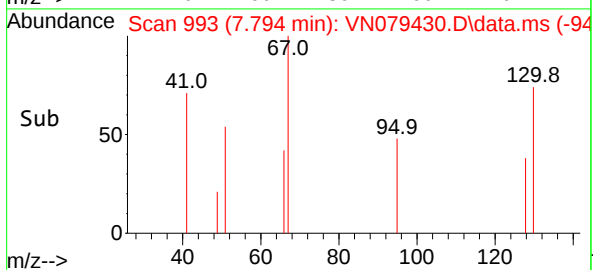
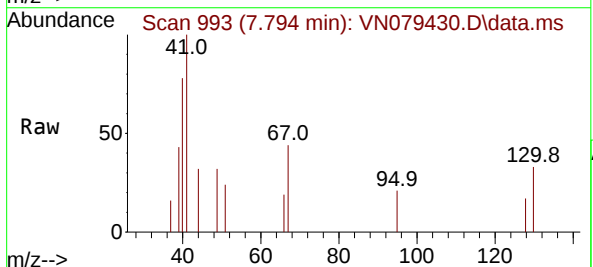
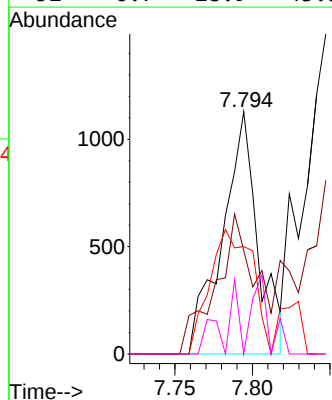
Manual Integrations
APPROVED

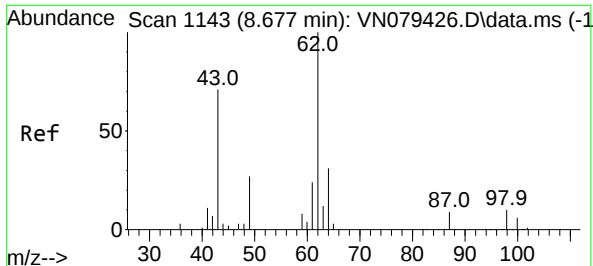
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#41
Methacrylonitrile
Concen: 0.803 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 41 Resp: 1809
Ion Ratio Lower Upper
41 100
39 64.2 42.6 64.0#
67 61.5 77.5 116.3#
52 6.7 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 1.087 ug/l

RT: 8.683 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

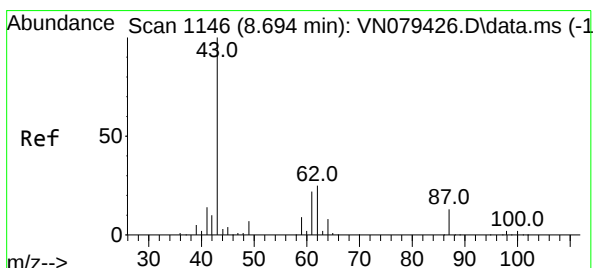
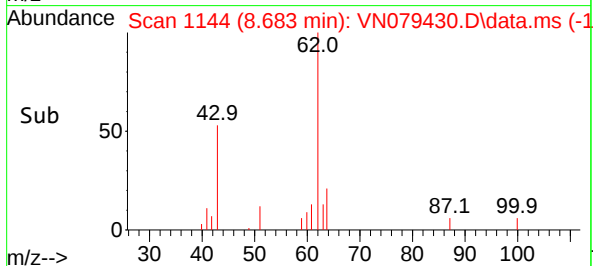
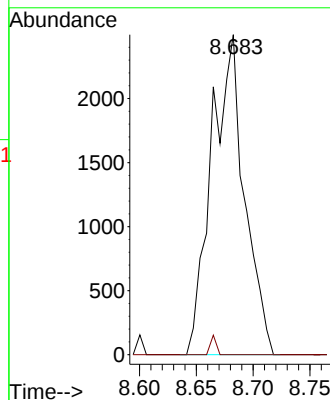
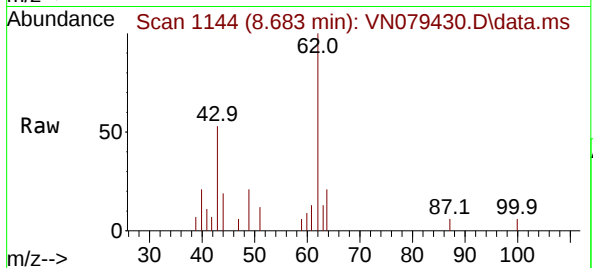
VSTDIC001

Tgt Ion: 62 Resp: 504
 Ion Ratio Lower Upper
 62 100
 98 1.1 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#43

Isopropyl Acetate

Concen: 1.036 ug/l m

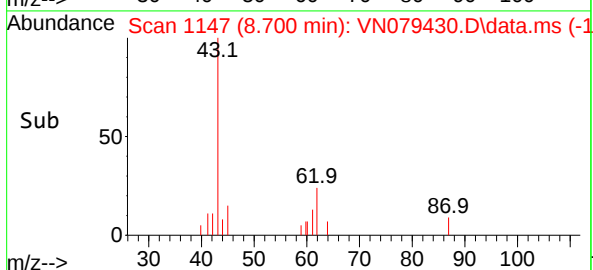
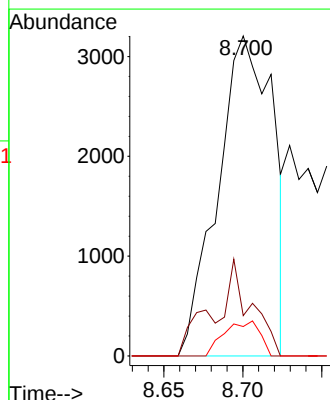
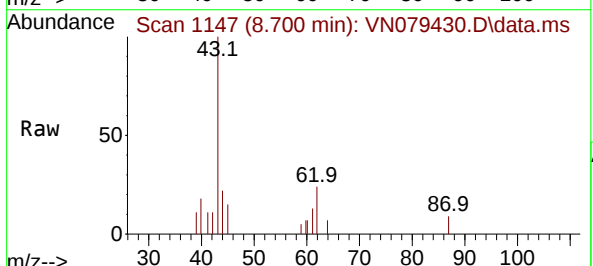
RT: 8.700 min Scan# 1147

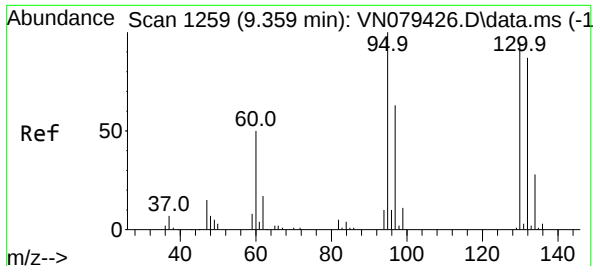
Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

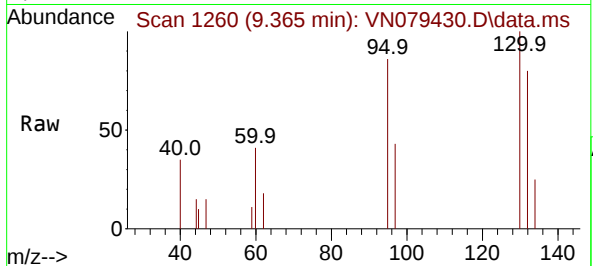
Tgt Ion: 43 Resp: 7775
 Ion Ratio Lower Upper
 43 100
 61 20.3 24.7 37.1#
 87 7.1 14.6 21.8#





#44
Trichloroethene
Concen: 1.009 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

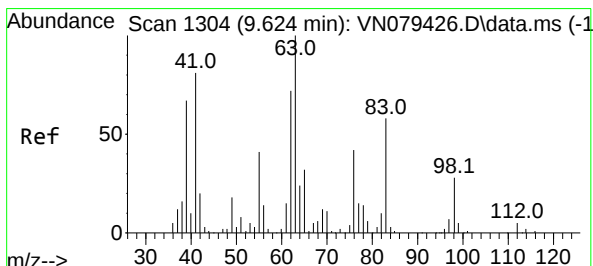
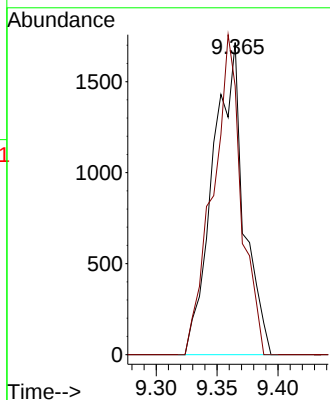
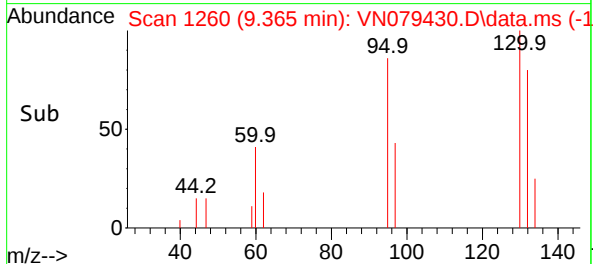
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



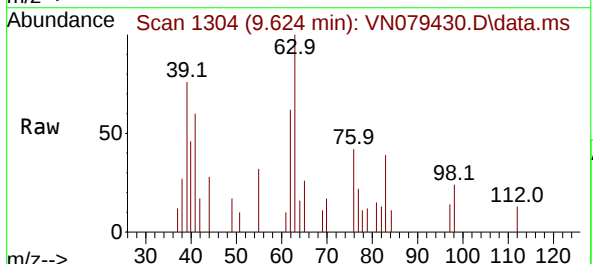
Tgt Ion:130 Resp: 3030
Ion Ratio Lower Upper
130 100
95 86.1 0.0 204.6

Manual Integrations
APPROVED

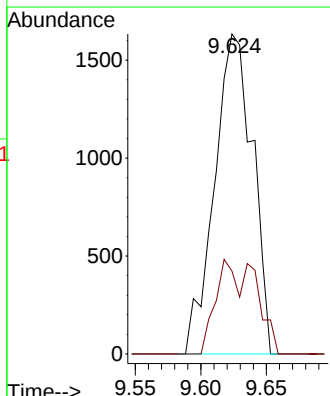
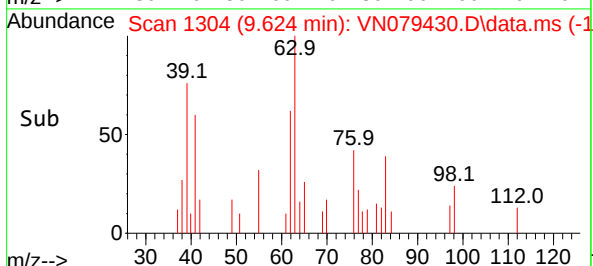
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

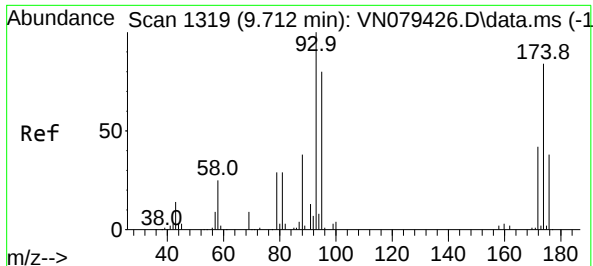


#45
1,2-Dichloropropane
Concen: 0.980 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



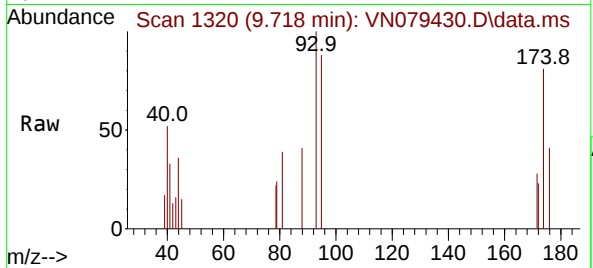
Tgt Ion: 63 Resp: 3301
Ion Ratio Lower Upper
63 100
65 25.9 23.9 35.9





#46
Dibromomethane
Concen: 0.954 ug/l
RT: 9.718 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

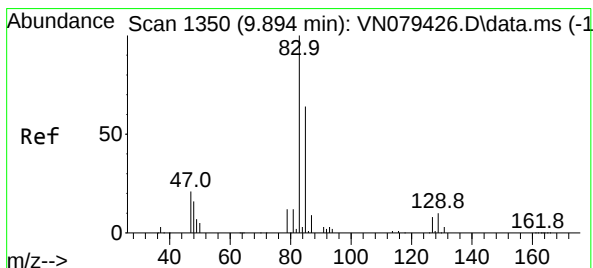
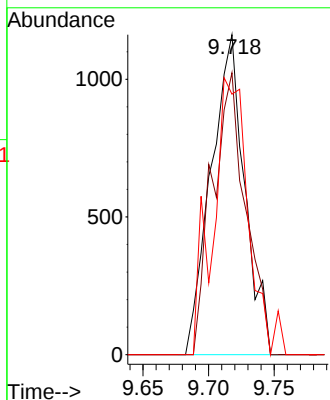
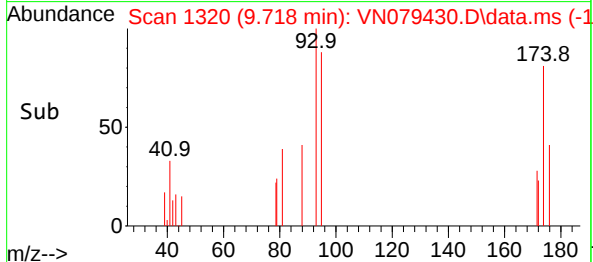


Tgt Ion: 93 Resp: 208

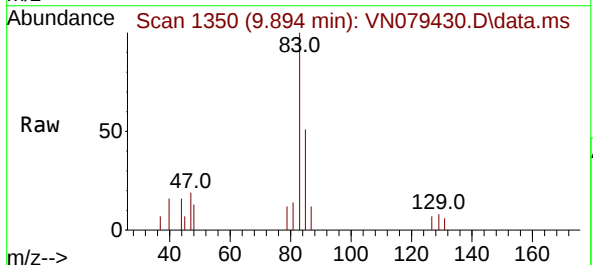
Ion	Ratio	Lower	Upper
93	100		
95	87.4	63.8	95.8
174	91.4	65.6	98.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

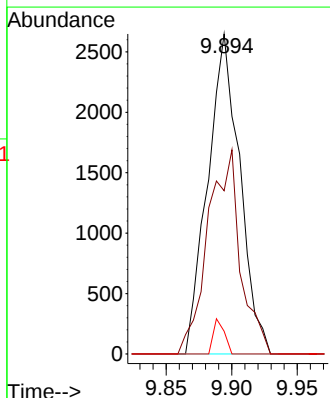
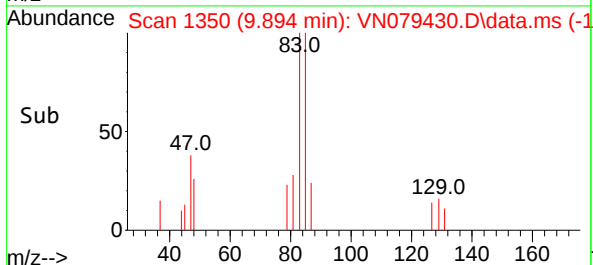


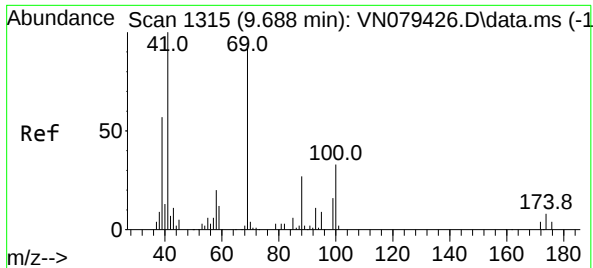
#47
Bromodichloromethane
Concen: 1.004 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion: 83 Resp: 4506

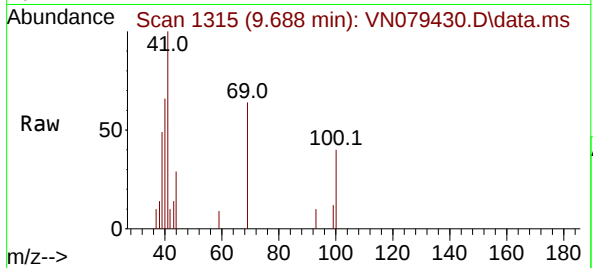
Ion	Ratio	Lower	Upper
83	100		
85	51.0	49.6	74.4
127	7.1	7.0	10.6





#48
Methyl methacrylate
Concen: 0.998 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

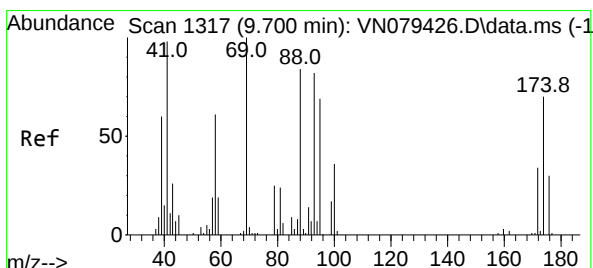
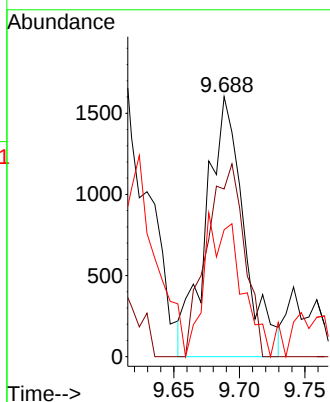
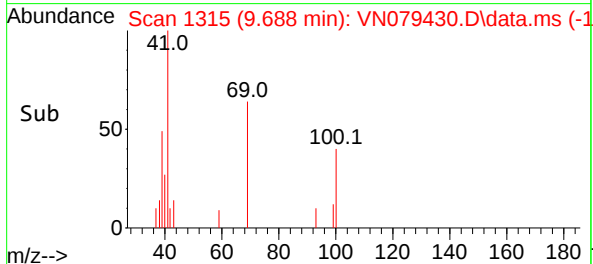
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



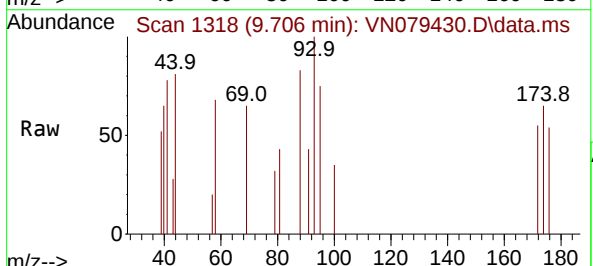
Tgt Ion: 41 Resp: 320
Ion Ratio Lower Upper
41 100
69 73.8 90.4 135.6
39 52.2 54.6 81.8

Manual Integrations
APPROVED

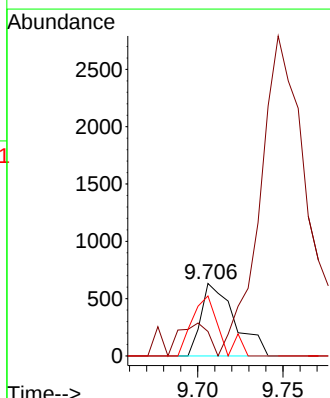
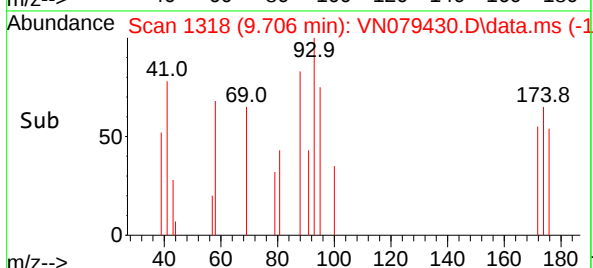
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

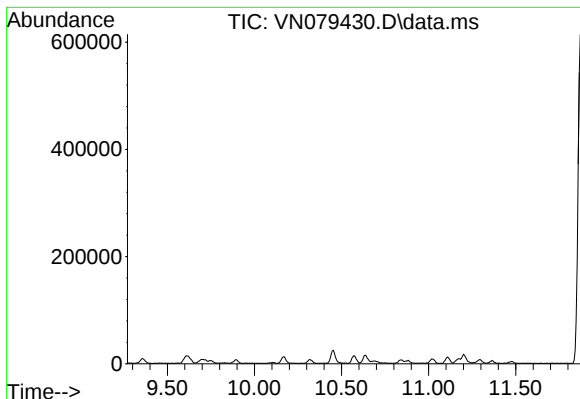


#49
1,4-Dioxane
Concen: 14.689 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion: 88 Resp: 870
Ion Ratio Lower Upper
88 100
43 38.9 17.0 25.6
58 66.8 47.0 70.4





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

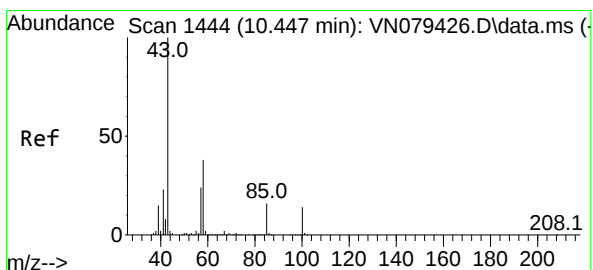
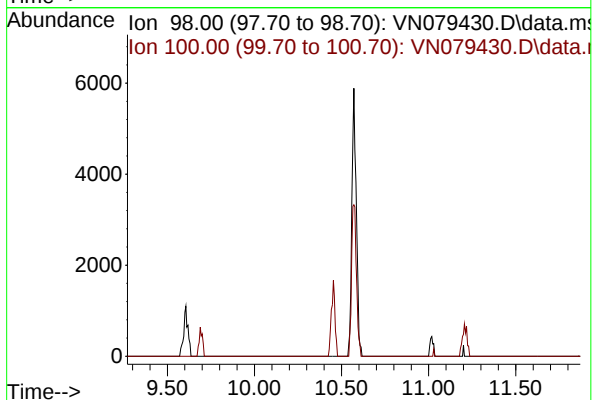
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

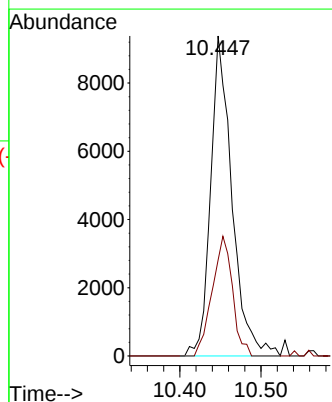
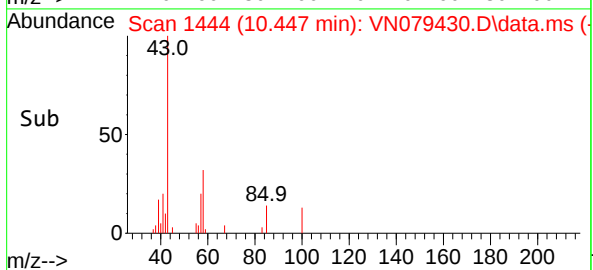
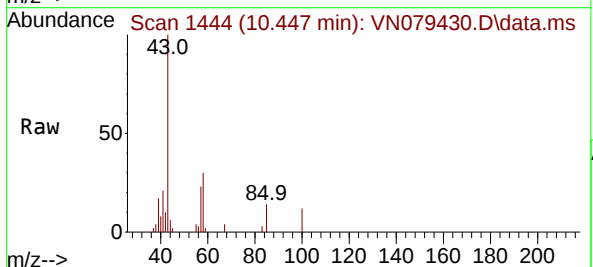
Manual Integrations APPROVED

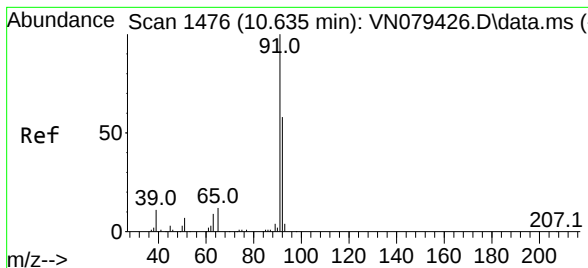
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#51
4-Methyl-2-Pentanone
Concen: 4.052 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 43 Resp: 17164
Ion Ratio Lower Upper
43 100
58 35.5 36.6 54.8#





#52

Toluene

Concen: 0.876 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 92 Resp: 659

Ion Ratio Lower Upper

92 100

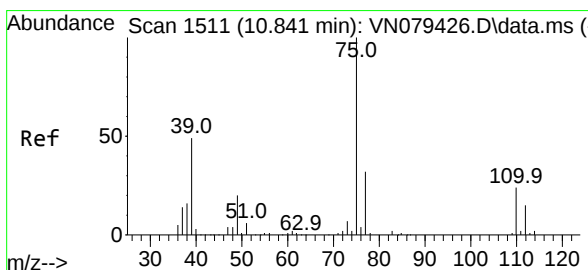
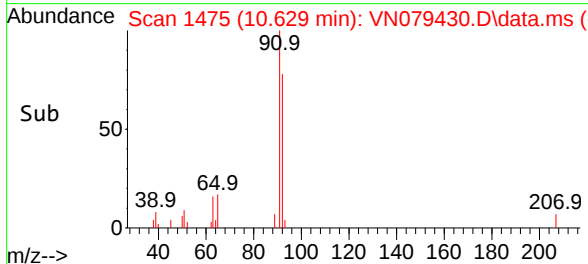
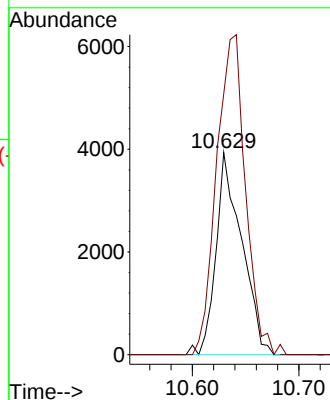
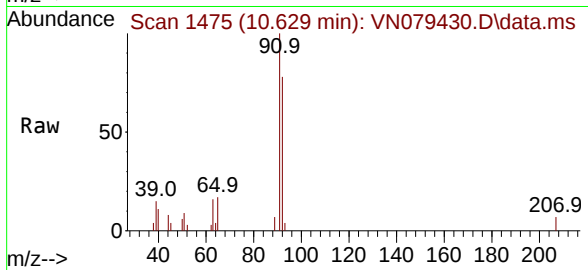
91 178.8 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#53

t-1,3-Dichloropropene

Concen: 0.895 ug/l

RT: 10.847 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VN079430.D

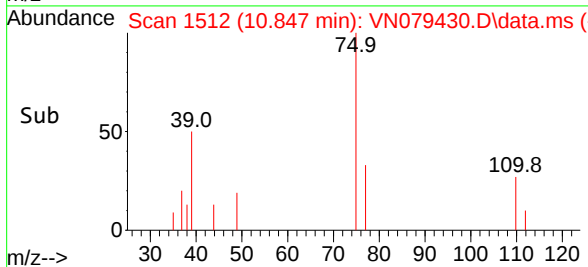
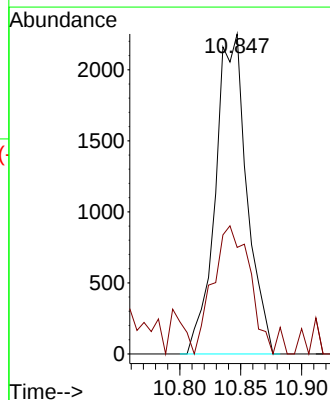
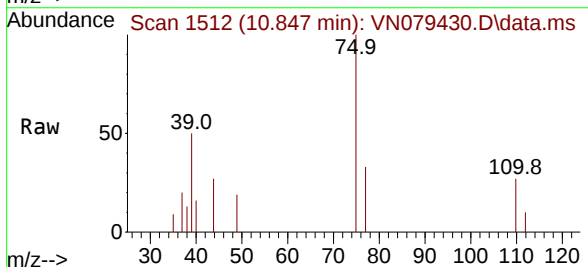
Acq: 05 Oct 2023 19:51

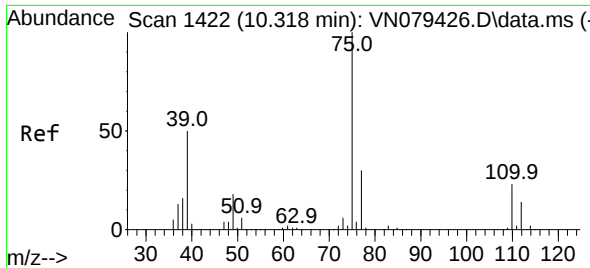
Tgt Ion: 75 Resp: 4047

Ion Ratio Lower Upper

75 100

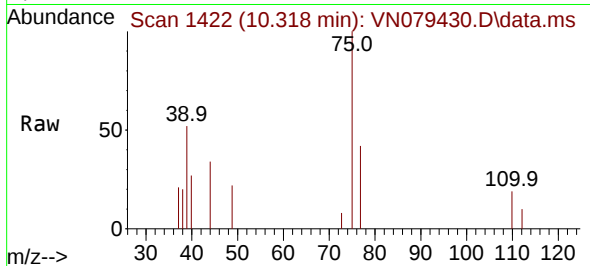
77 25.0 25.4 38.0#





#54
cis-1,3-Dichloropropene
Concen: 0.884 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

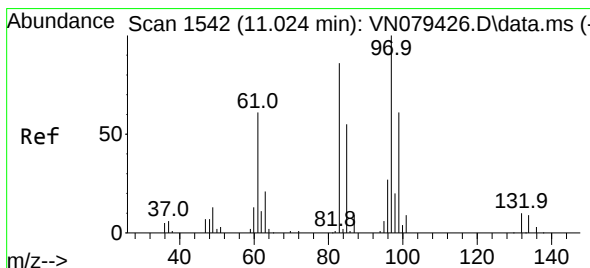
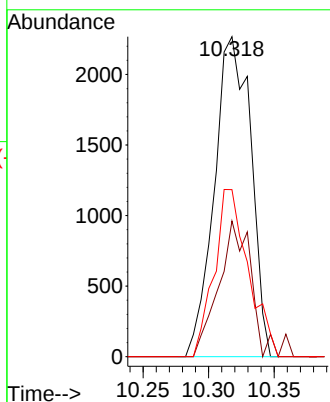
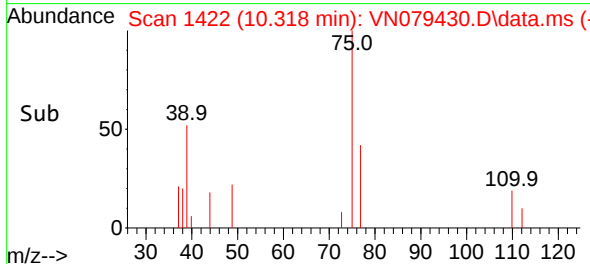
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 4370
Ion Ratio Lower Upper
75 100
77 42.4 26.1 39.1
39 52.2 31.6 47.4

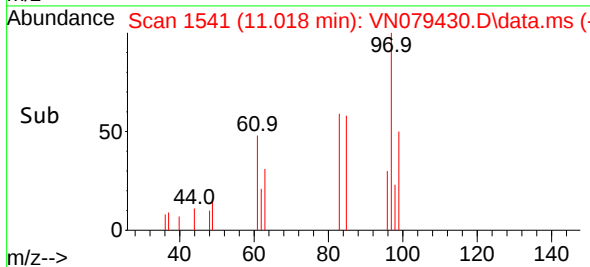
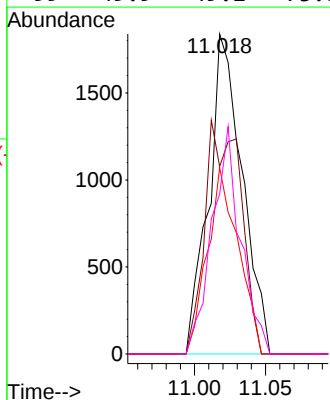
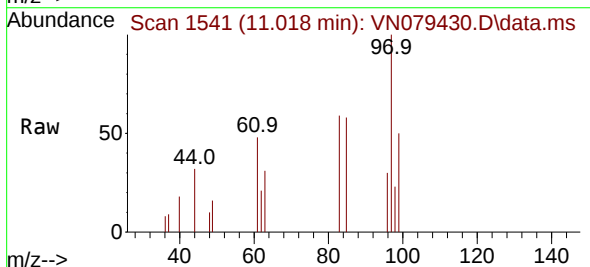
Manual Integrations
APPROVED

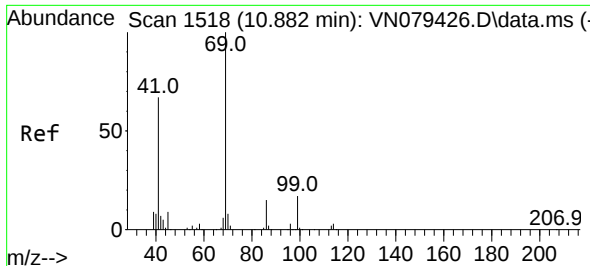
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#55
1,1,2-Trichloroethane
Concen: 1.000 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

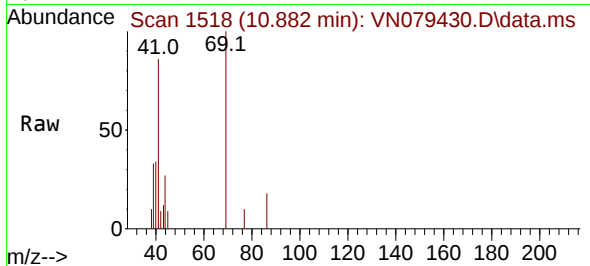
Tgt Ion: 97 Resp: 3020
Ion Ratio Lower Upper
97 100
83 58.6 65.1 97.7
85 58.3 43.4 65.2
99 49.9 49.2 73.8





#56
Ethyl methacrylate
Concen: 0.728 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

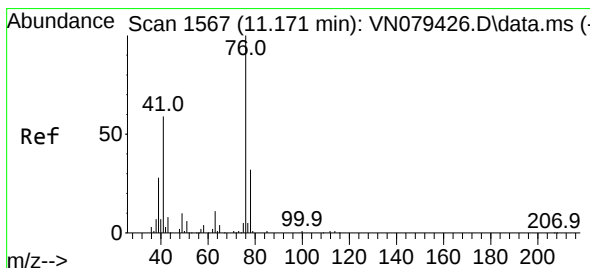
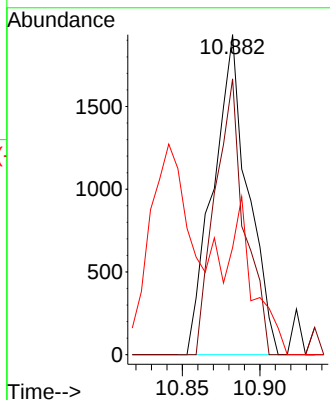
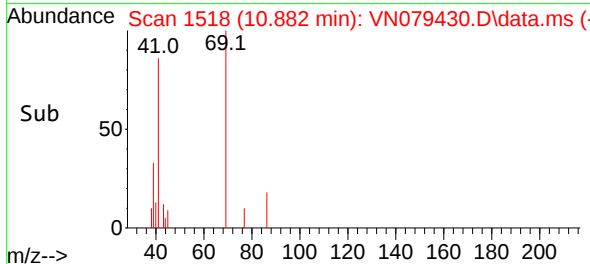
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 3020
Ion Ratio Lower Upper
69 100
41 73.5 39.6 59.4
39 31.7 28.6 43.0

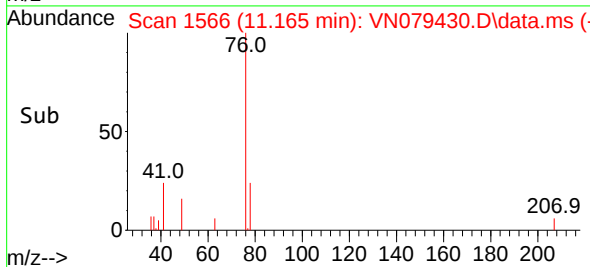
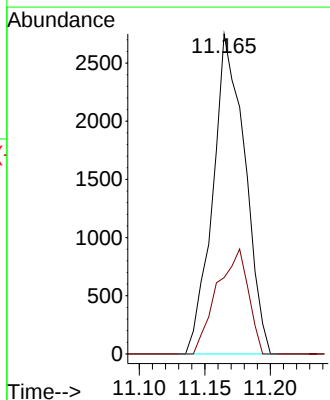
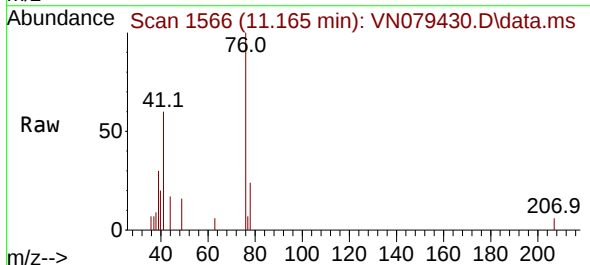
Manual Integrations
APPROVED

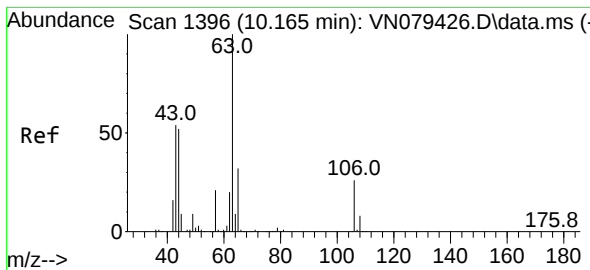
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#57
1,3-Dichloropropane
Concen: 0.896 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

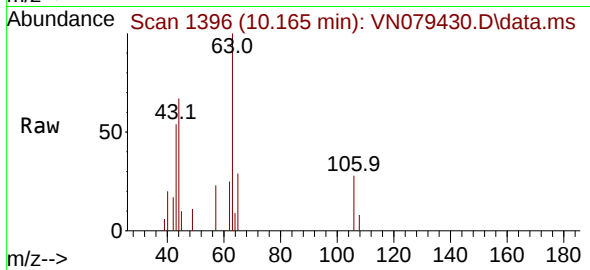
Tgt Ion: 76 Resp: 4673
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1





#58
2-Chloroethyl Vinyl ether
Concen: 3.674 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

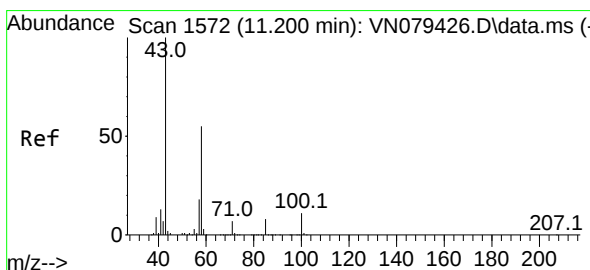
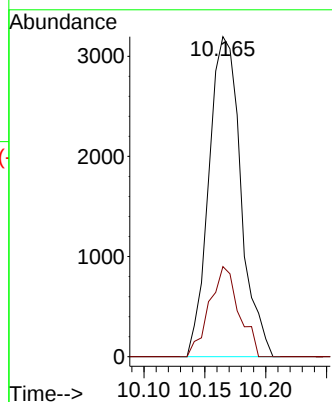
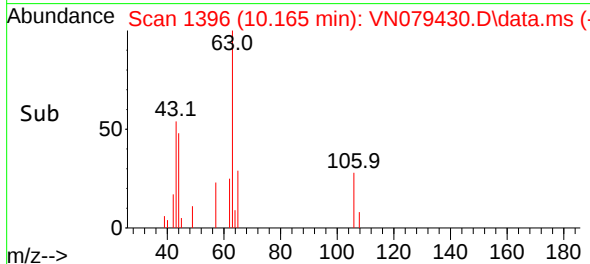
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



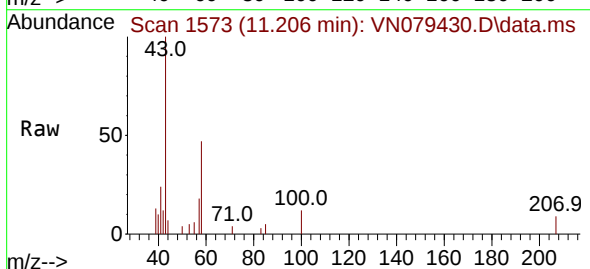
Tgt Ion: 63 Resp: 5840
Ion Ratio Lower Upper
63 100
106 26.1 26.2 39.4

Manual Integrations
APPROVED

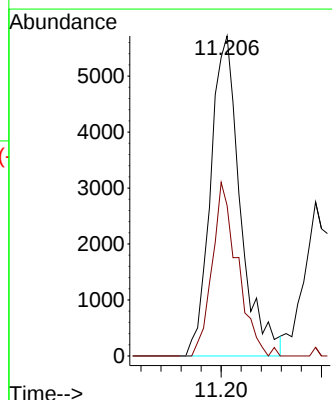
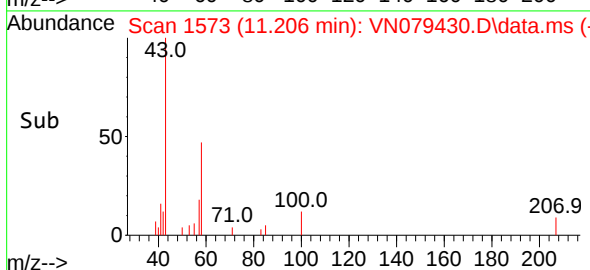
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

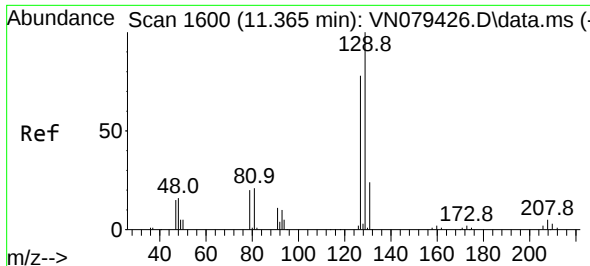


#59
2-Hexanone
Concen: 3.849 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



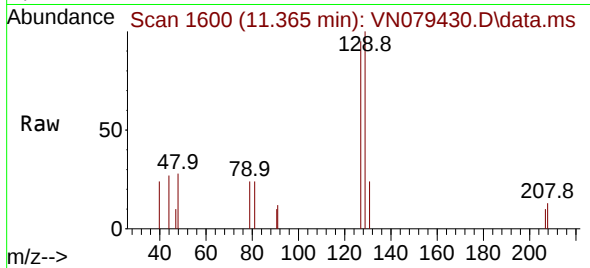
Tgt Ion: 43 Resp: 11765
Ion Ratio Lower Upper
43 100
58 46.3 31.7 95.1





#60
Dibromochloromethane
Concen: 0.839 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

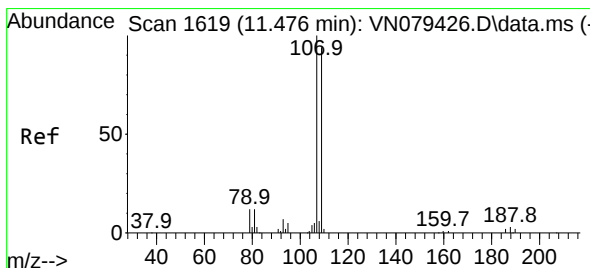
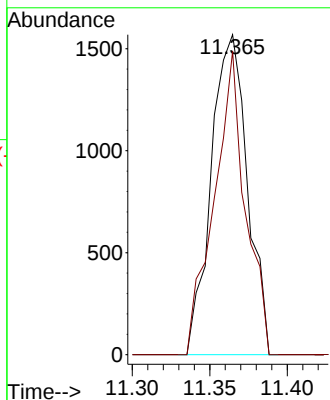
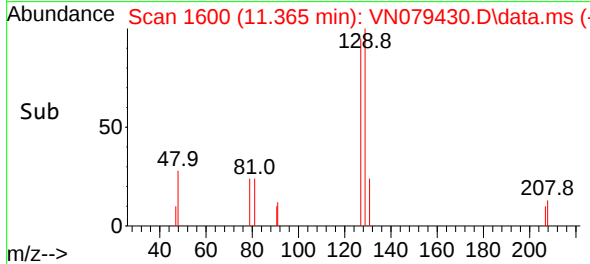
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



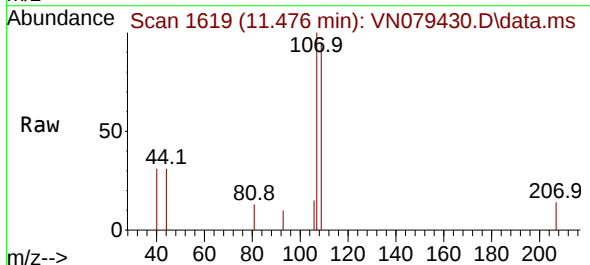
Tgt Ion:129 Resp: 254
Ion Ratio Lower Upper
129 100
127 81.9 38.6 116.0

Manual Integrations
APPROVED

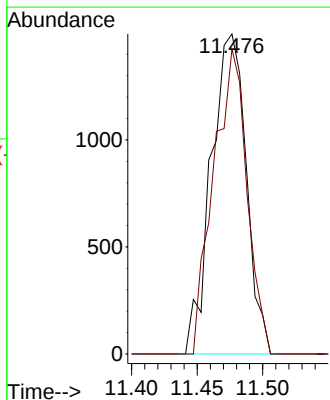
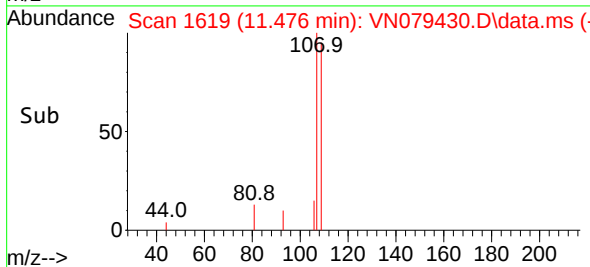
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

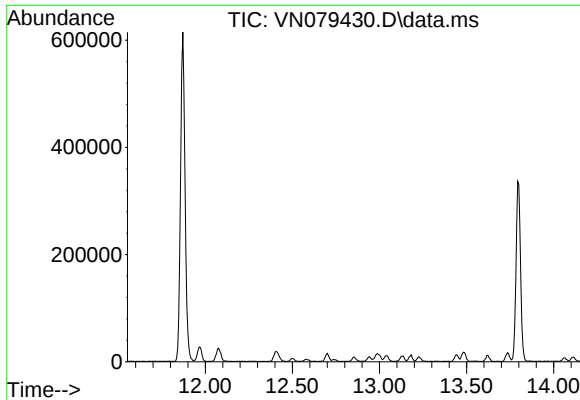


#61
1,2-Dibromoethane
Concen: 0.926 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion:107 Resp: 2776
Ion Ratio Lower Upper
107 100
109 90.7 76.6 114.8





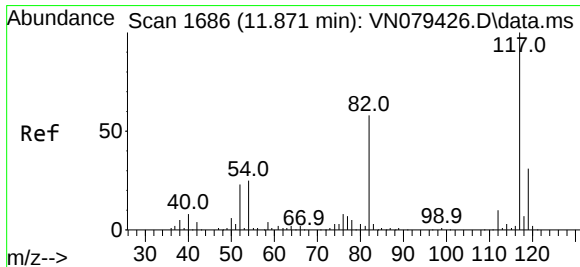
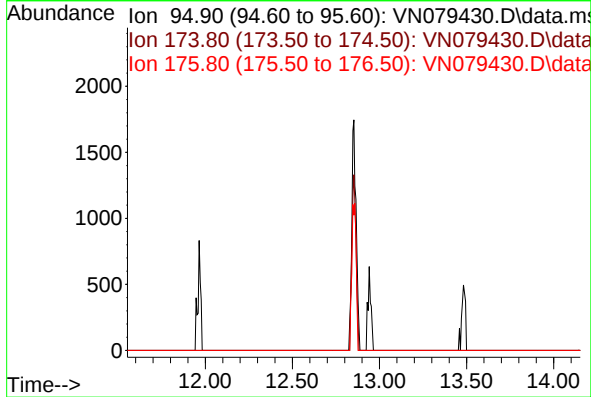
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

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

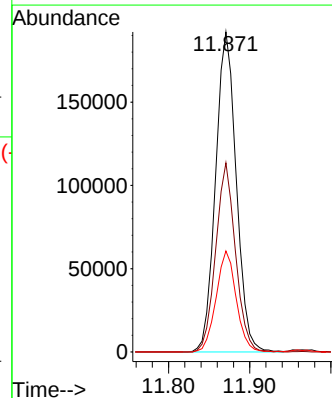
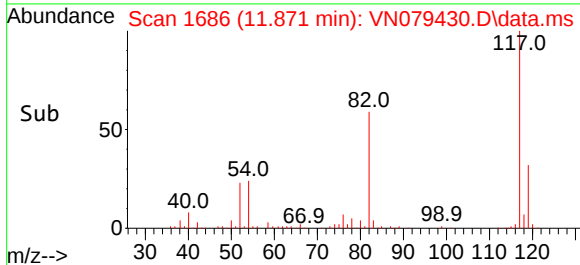
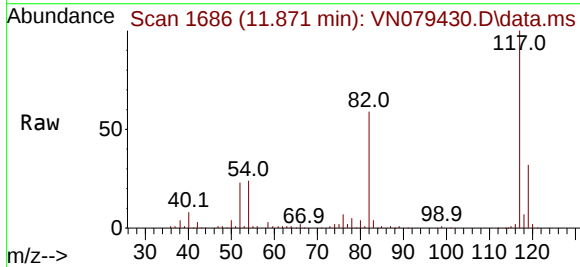
Manual Integrations
 APPROVED

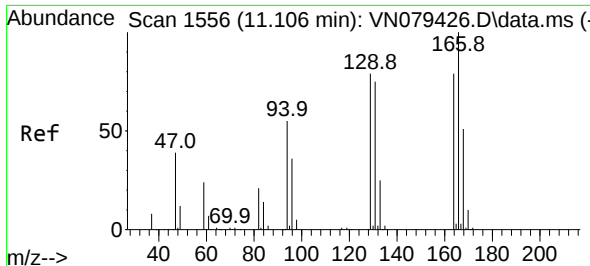
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

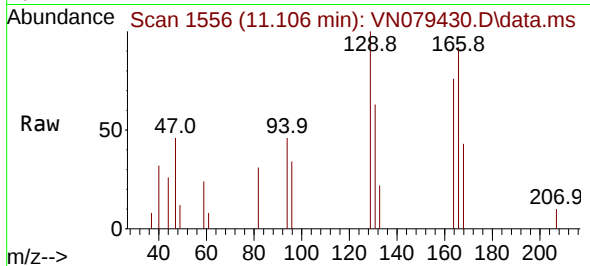
Tgt Ion:117 Resp: 339716
 Ion Ratio Lower Upper
 117 100
 82 59.1 44.0 66.0
 119 31.6 25.6 38.4





#64
Tetrachloroethene
Concen: 1.087 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

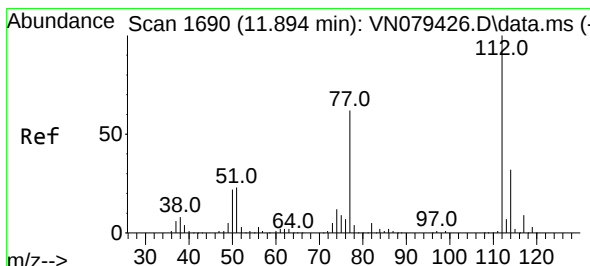
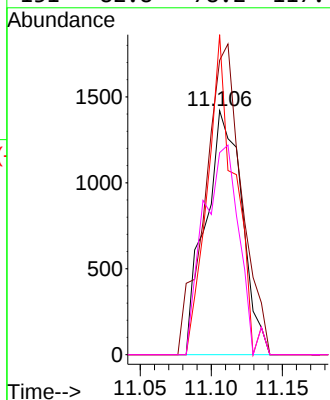
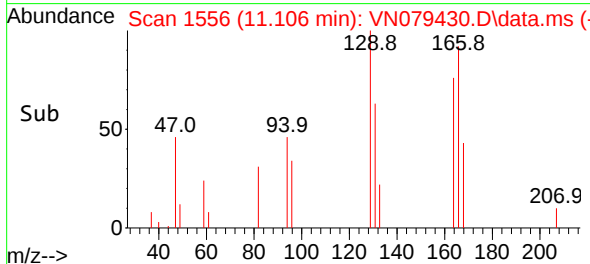


Tgt Ion:164 Resp: 254

Ion	Ratio	Lower	Upper
164	100		
166	120.6	101.4	152.0
129	131.1	82.4	123.6
131	82.8	78.2	117.4

Manual Integrations
APPROVED

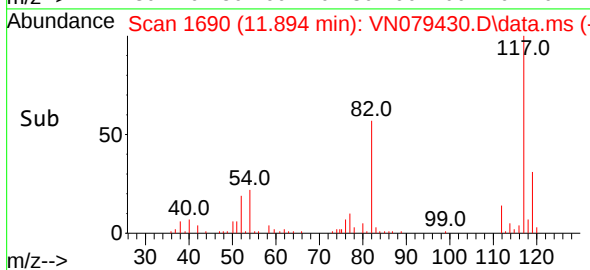
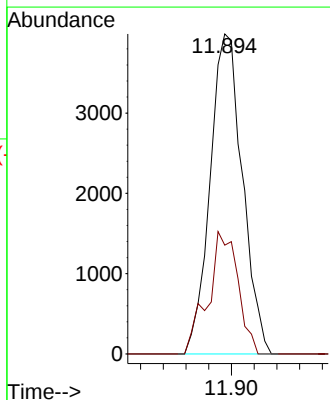
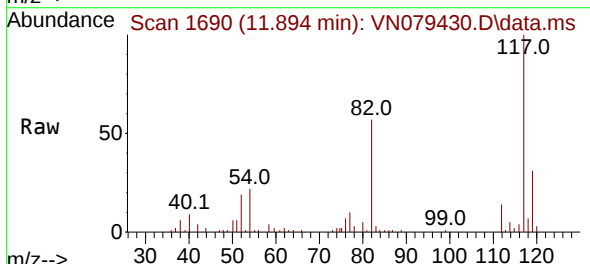
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

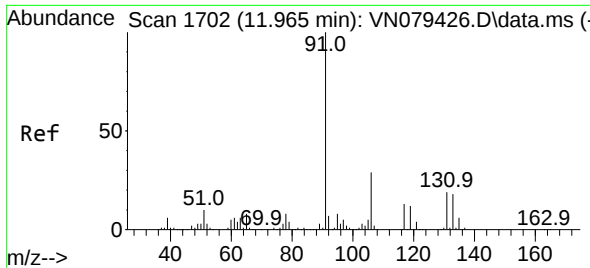


#65
Chlorobenzene
Concen: 1.042 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:112 Resp: 7882

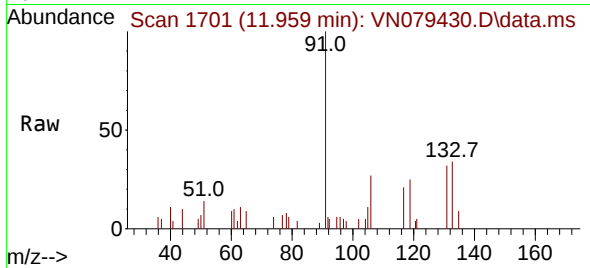
Ion	Ratio	Lower	Upper
112	100		
114	34.0	25.0	37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 0.984 ug/l
RT: 11.959 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

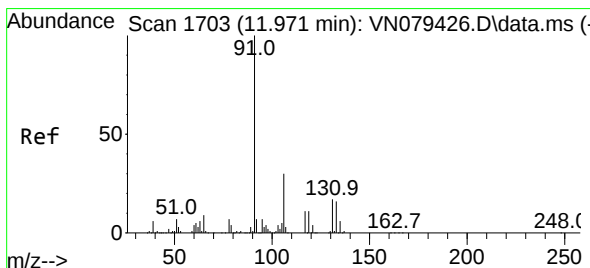
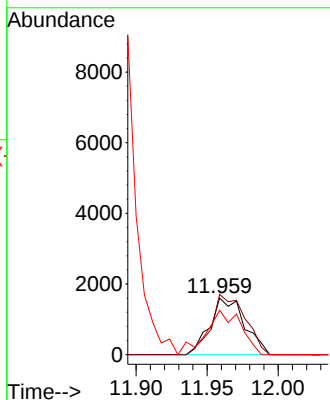
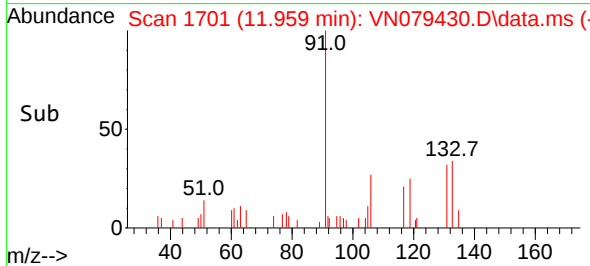
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:131 Resp: 2720
Ion Ratio Lower Upper
131 100
133 104.6 46.4 139.1
119 0.0 34.1 102.2

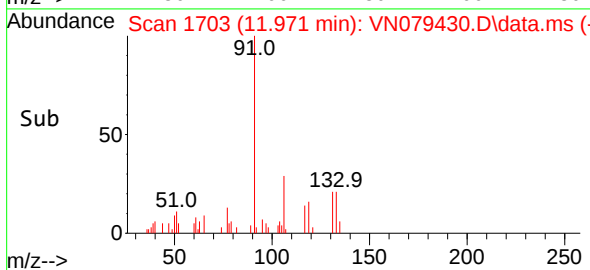
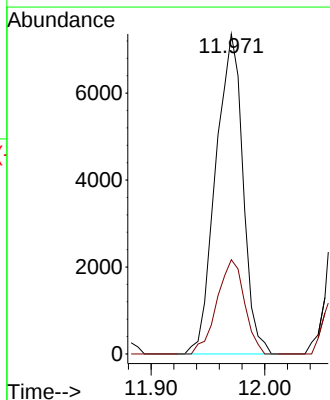
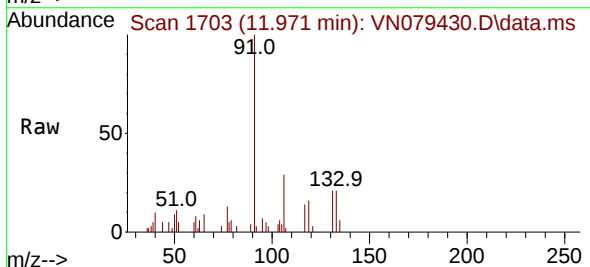
Manual Integrations
APPROVED

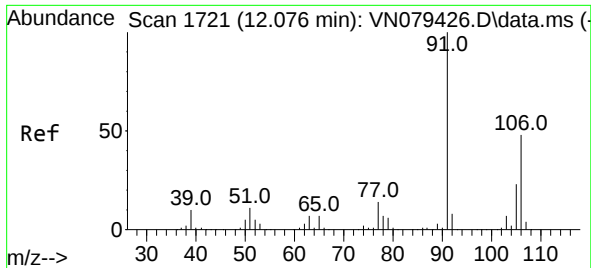
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#67
Ethyl Benzene
Concen: 0.933 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 91 Resp: 12263
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4





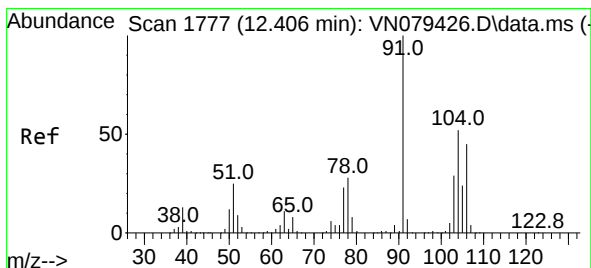
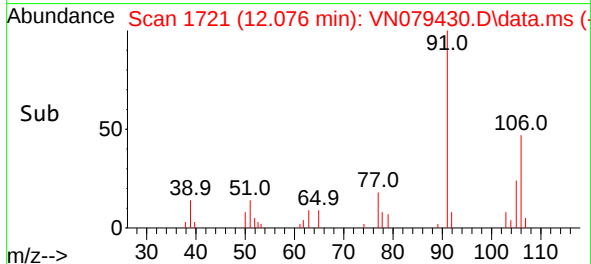
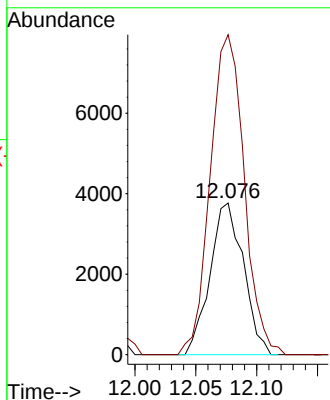
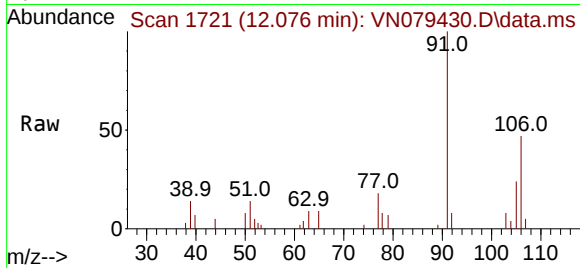
#68
m/p-Xylenes
Concen: 1.505 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 719
Ion Ratio Lower Upper
106 100
91 214.2 159.6 239.4

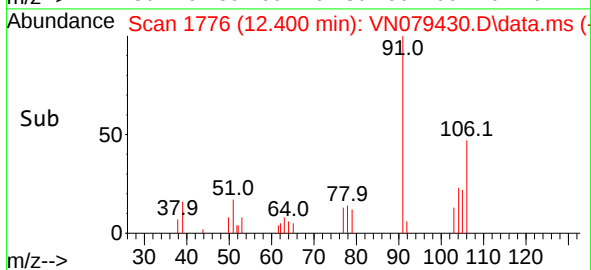
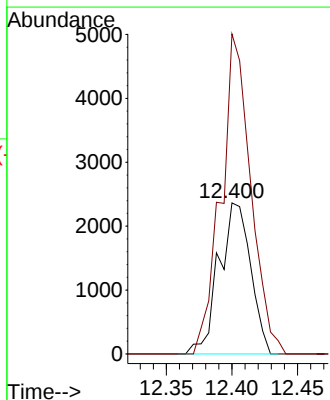
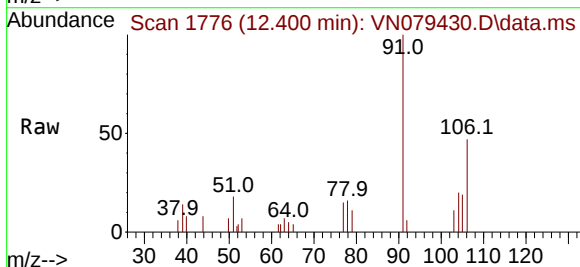
Manual Integrations
APPROVED

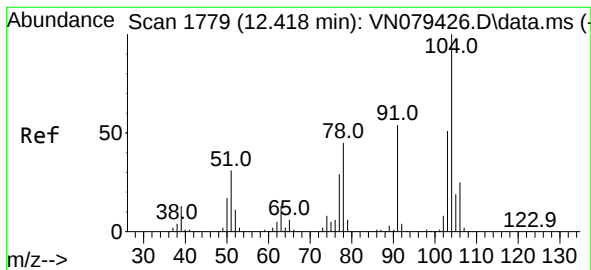
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#69
o-Xylene
Concen: 0.844 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:106 Resp: 3966
Ion Ratio Lower Upper
106 100
91 199.2 105.2 315.5





#70

Styrene

Concen: 0.731 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

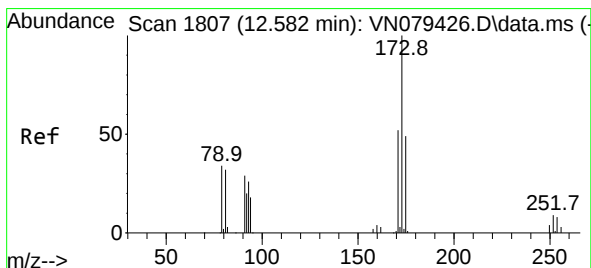
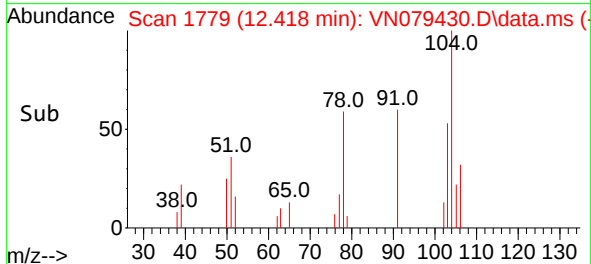
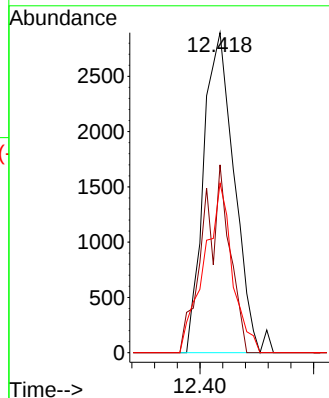
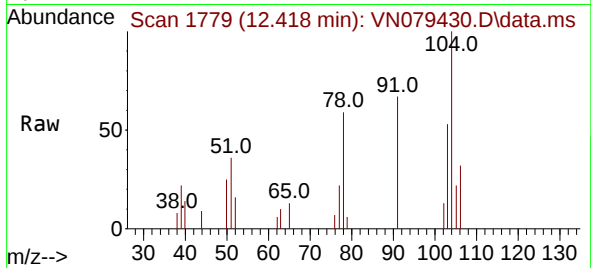
Tgt Ion:104	Resp:	542
Ion Ratio	Lower	Upper
104	100	
78	50.7	39.5 59.3
103	48.7	43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#71

Bromoform

Concen: 0.980 ug/l

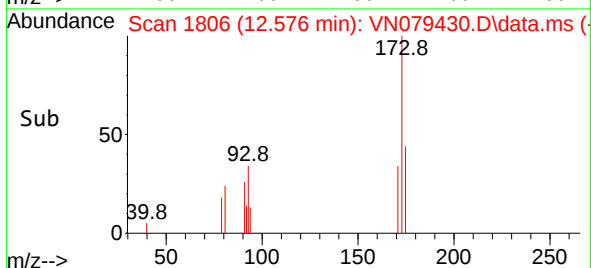
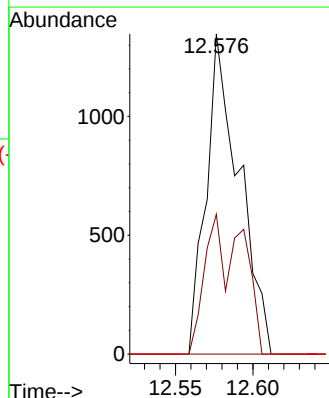
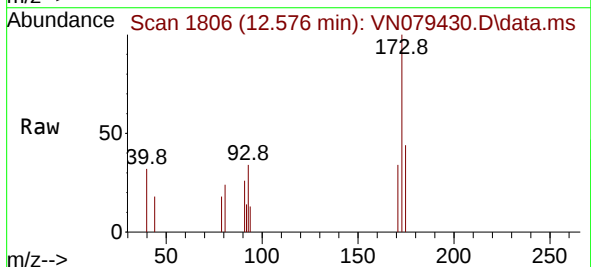
RT: 12.576 min Scan# 1806

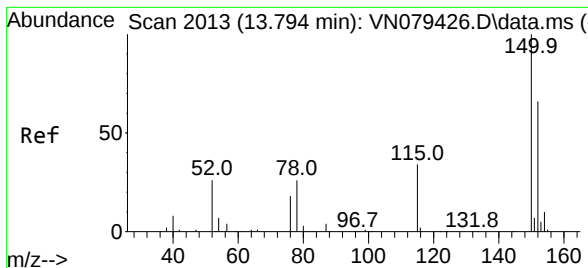
Delta R.T. -0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

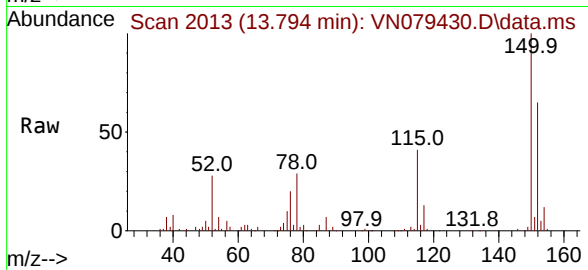
Tgt Ion:173	Resp:	1986
Ion Ratio	Lower	Upper
173	100	
175	26.0	24.3 73.0
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

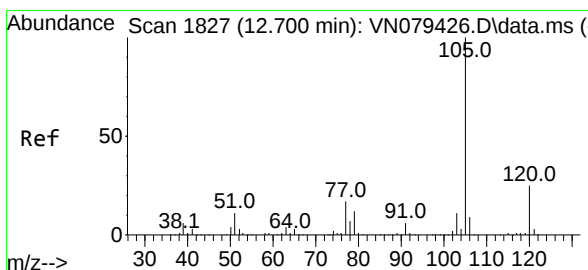
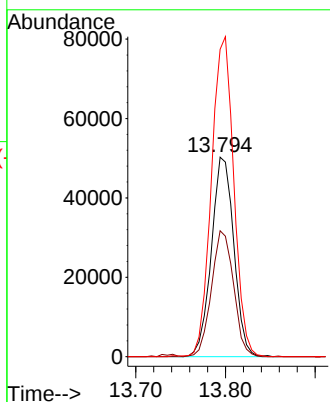
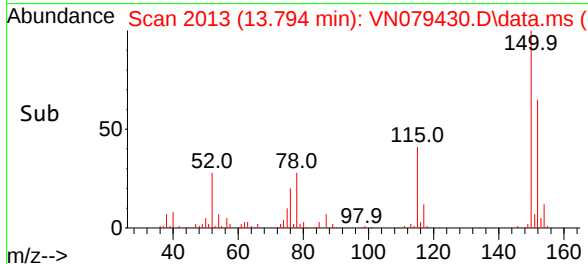
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



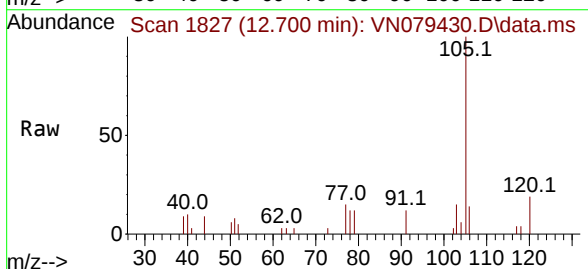
Tgt Ion:152 Resp: 8739
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 159.7 0.0 355.8

Manual Integrations
APPROVED

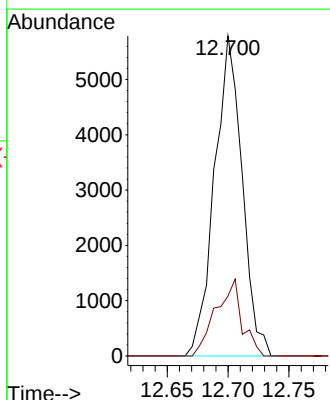
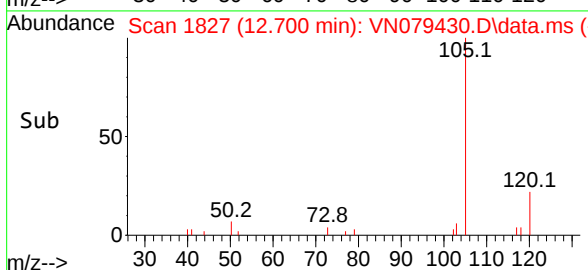
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

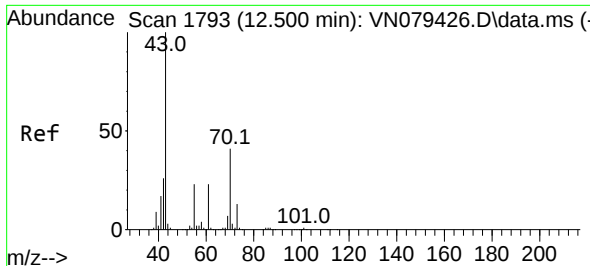


#73
Isopropylbenzene
Concen: 1.123 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



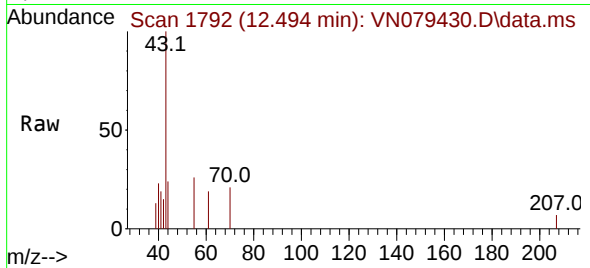
Tgt Ion:105 Resp: 9132
Ion Ratio Lower Upper
105 100
120 22.6 13.1 39.1





#74
N-amy1 acetate
Concen: 0.996 ug/l
RT: 12.494 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

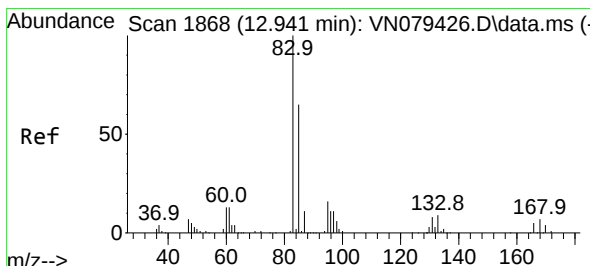
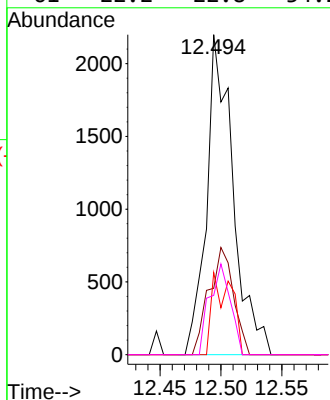
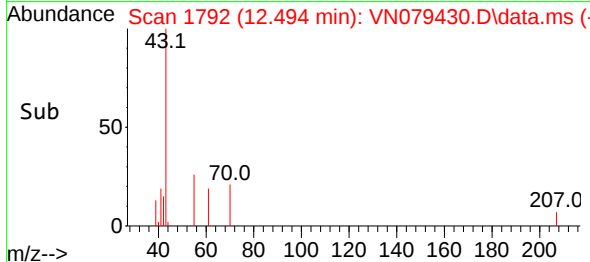
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 43	Resp: 332
Ion Ratio	Lower Upper
43 100	
70 31.0	43.4 65.2
55 19.2	21.4 32.0
61 22.2	22.8 34.2

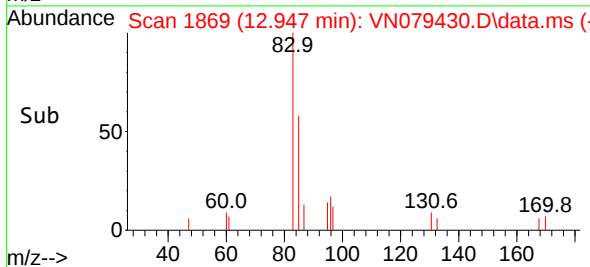
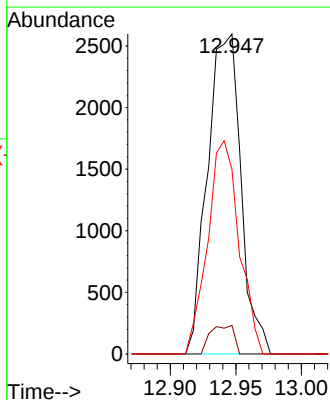
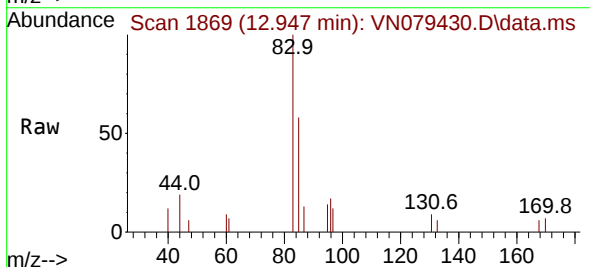
Manual Integrations
APPROVED

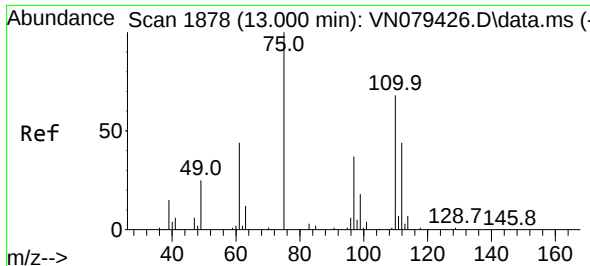
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 0.552 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 83	Resp: 4602
Ion Ratio	Lower Upper
83 100	
131 6.3	5.0 15.0
85 63.0	31.9 95.7





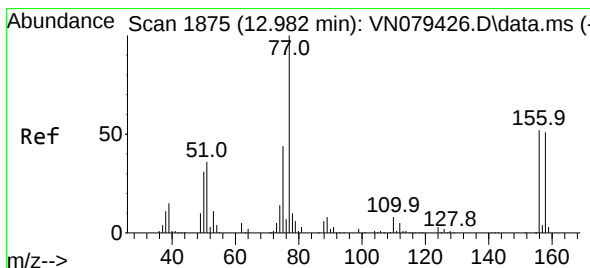
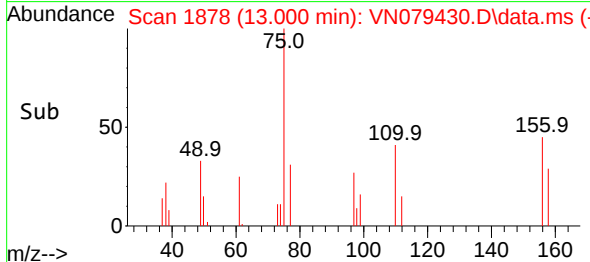
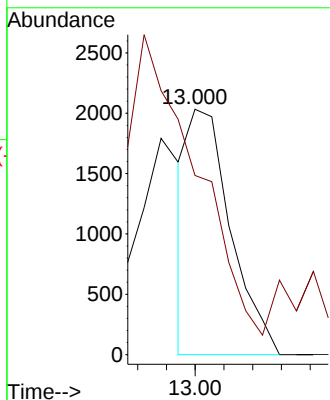
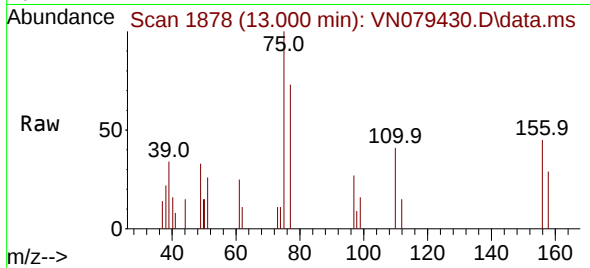
#76
1,2,3-Trichloropropane
Concen: 0.806 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
77 256.1 84.5 253.5

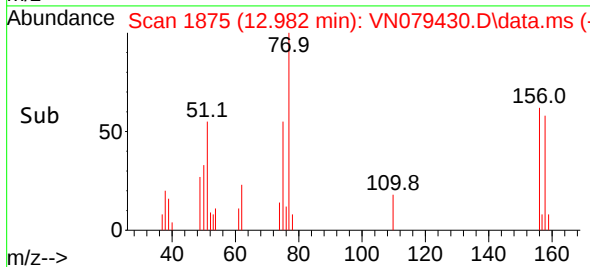
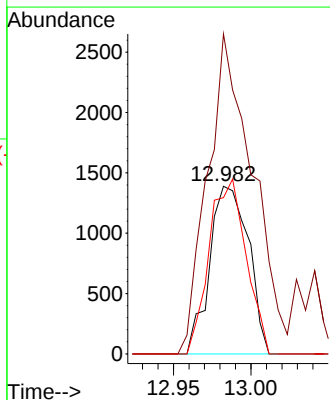
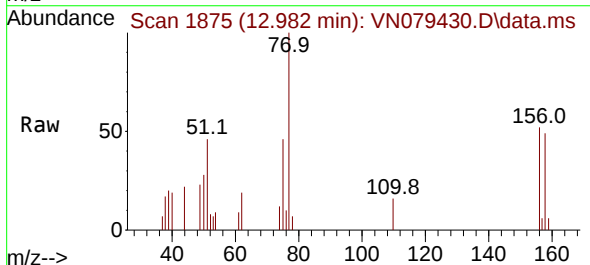
Manual Integrations
APPROVED

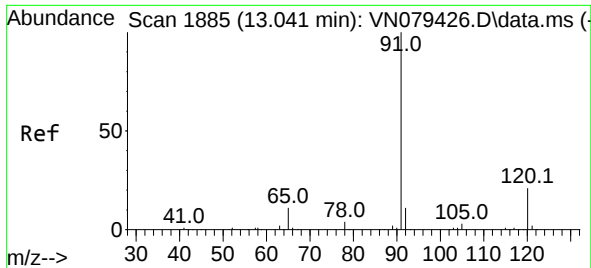
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#77
Bromobenzene
Concen: 1.212 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion:156 Resp: 2416
Ion Ratio Lower Upper
156 100
77 221.2 107.7 323.3
158 99.4 48.4 145.3





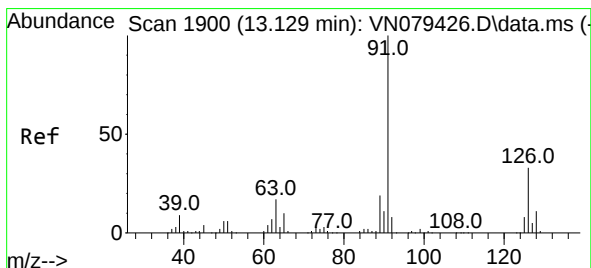
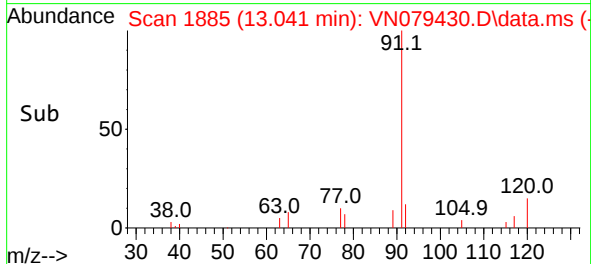
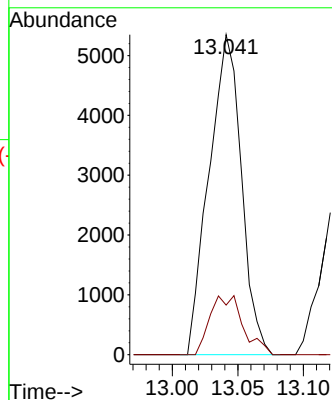
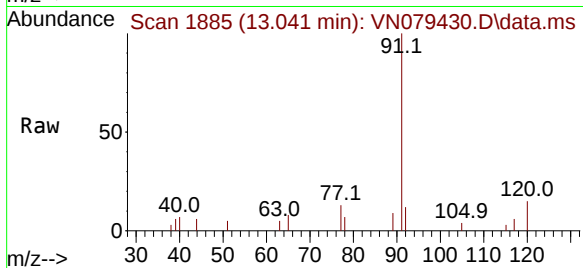
#78
n-propylbenzene
Concen: 0.997 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 9169
Ion Ratio Lower Upper
91 100
120 18.9 11.5 34.4

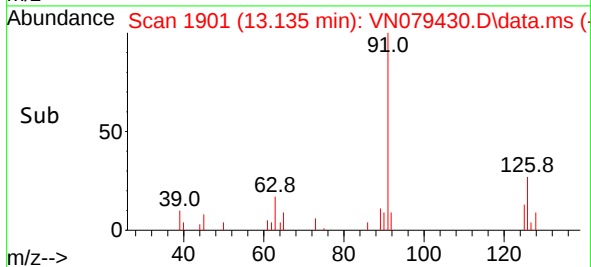
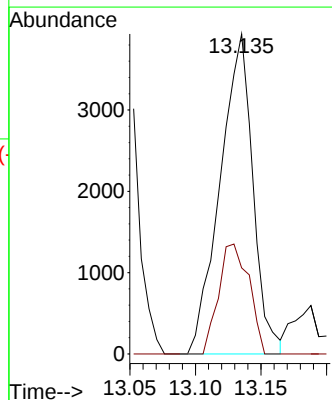
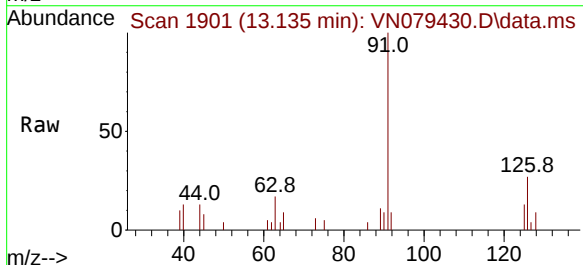
Manual Integrations
APPROVED

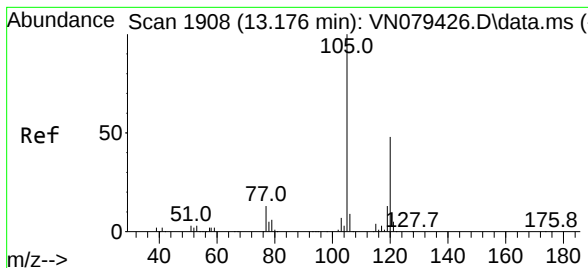
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#79
2-Chlorotoluene
Concen: 1.163 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

Tgt Ion: 91 Resp: 6844
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.915 ug/l

RT: 13.182 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN079430.D

Acq: 05 Oct 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 586

Ion Ratio Lower Upper

105 100

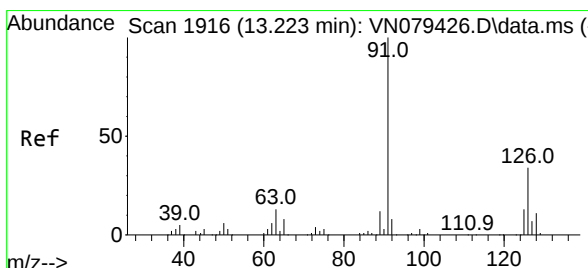
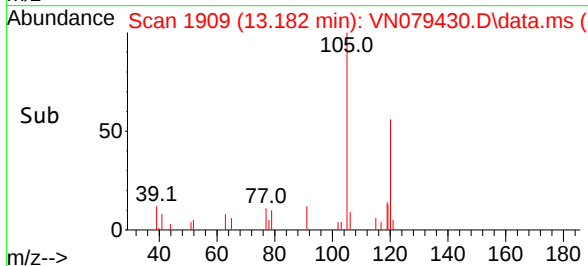
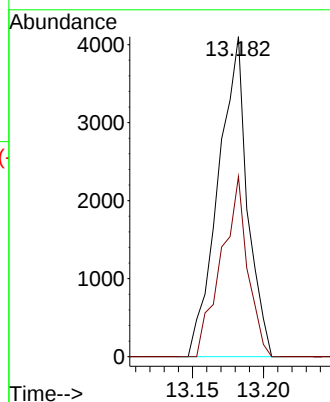
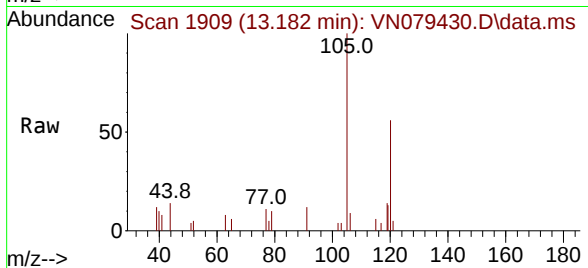
120 50.8 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#82

4-Chlorotoluene

Concen: 1.016 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VN079430.D

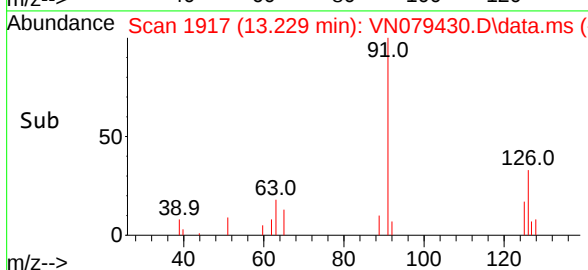
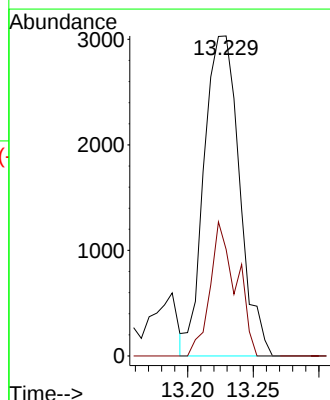
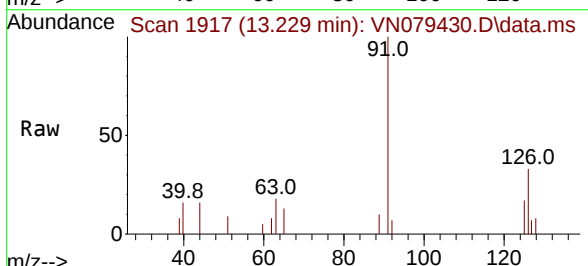
Acq: 05 Oct 2023 19:51

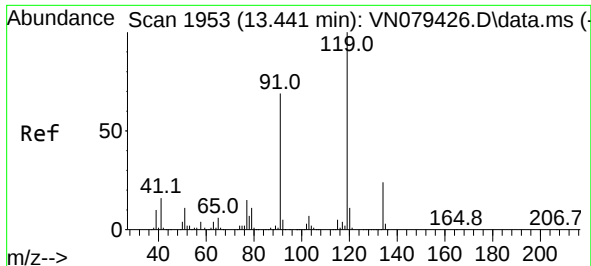
Tgt Ion: 91 Resp: 5692

Ion Ratio Lower Upper

91 100

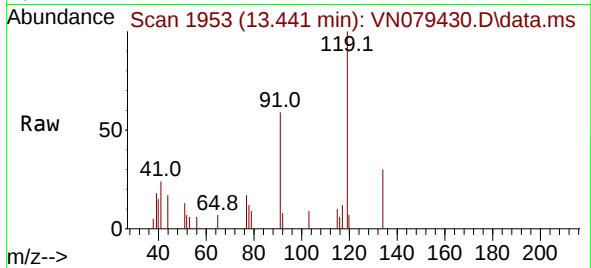
126 31.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 0.941 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

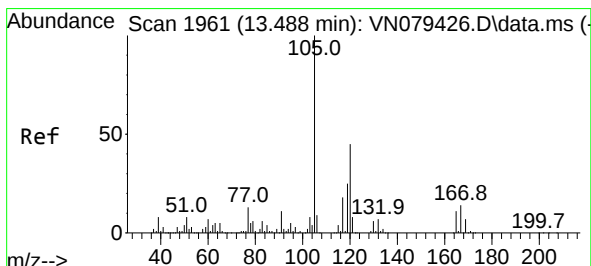
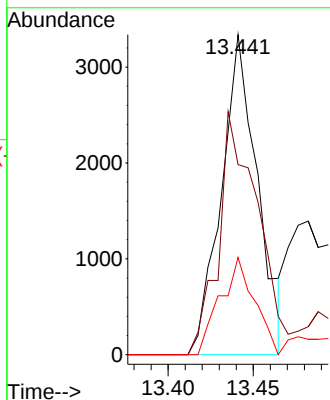
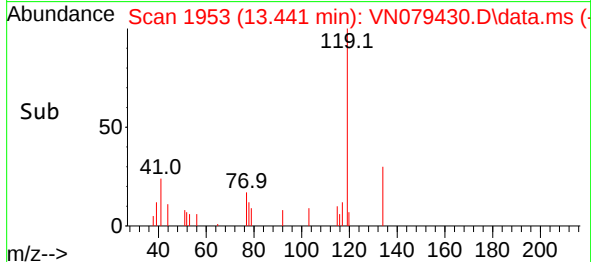
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



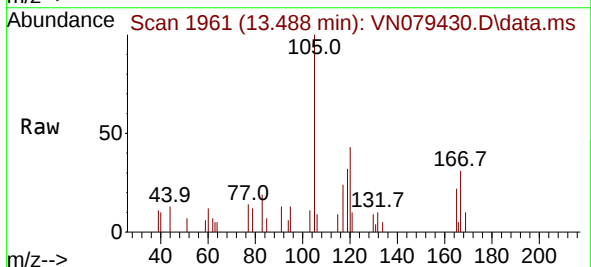
Tgt Ion:119 Resp: 494
Ion Ratio Lower Upper
119 100
91 82.1 33.9 101.7
134 28.7 13.2 39.6

Manual Integrations
APPROVED

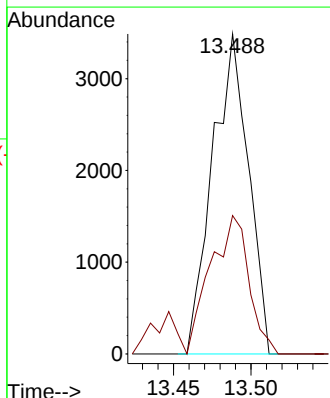
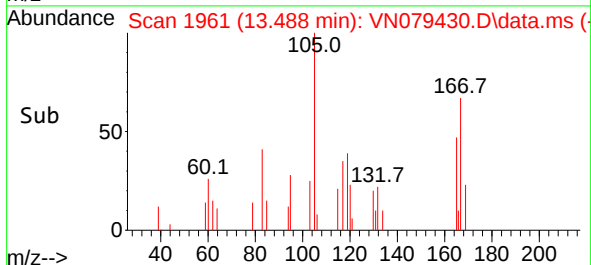
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

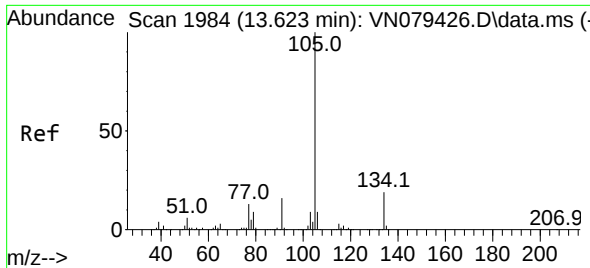


#84
1,2,4-Trimethylbenzene
Concen: 0.919 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion:105 Resp: 5621
Ion Ratio Lower Upper
105 100
120 46.4 22.0 66.0





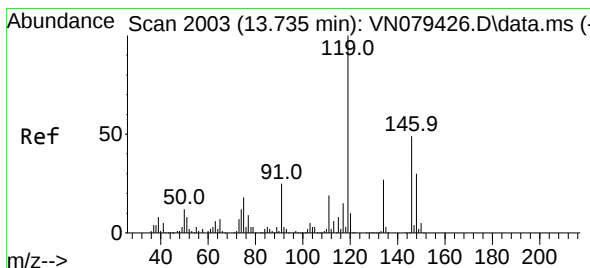
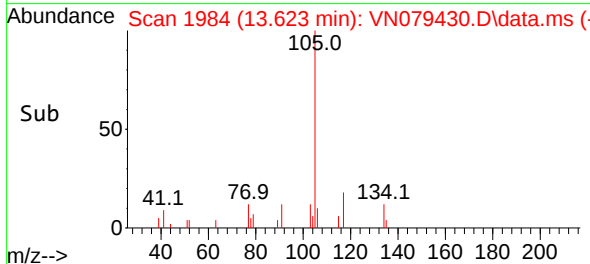
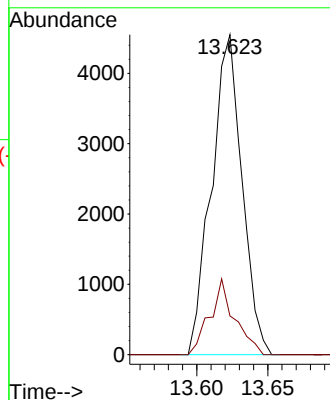
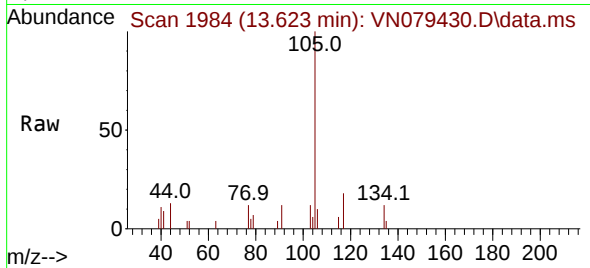
#85
 sec-Butylbenzene
 Concen: 0.926 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 6788
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

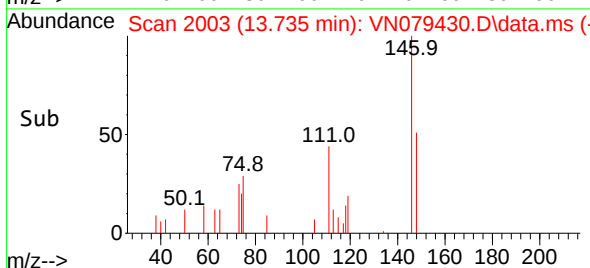
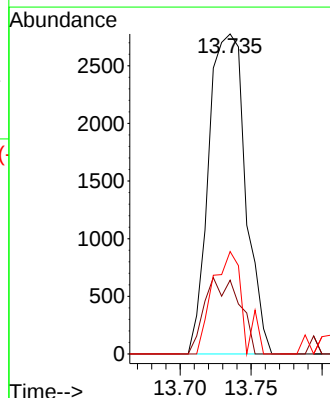
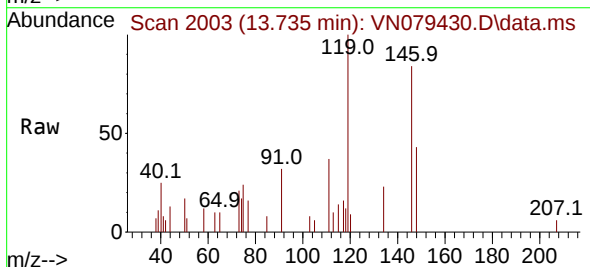
Manual Integrations
 APPROVED

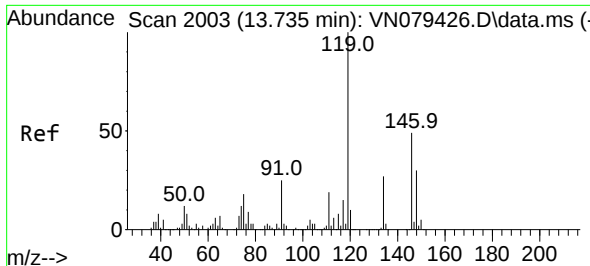
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 0.889 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079430.D
 Acq: 05 Oct 2023 19:51

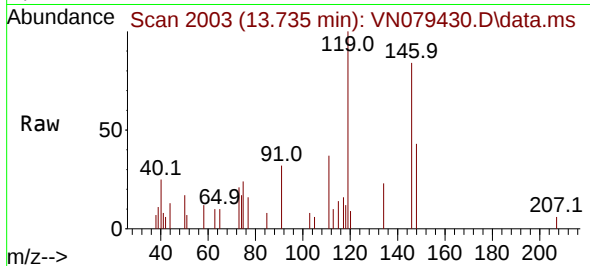
Tgt Ion:119 Resp: 4997
 Ion Ratio Lower Upper
 119 100
 134 22.7 12.6 37.8
 91 26.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 1.099 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

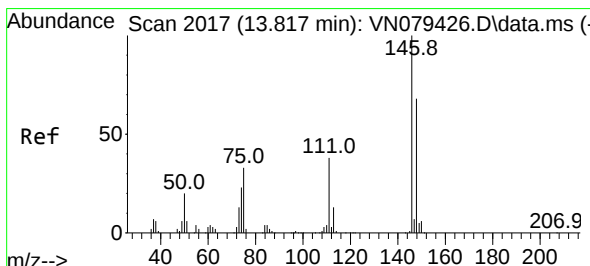
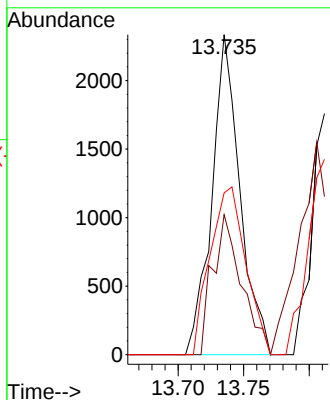
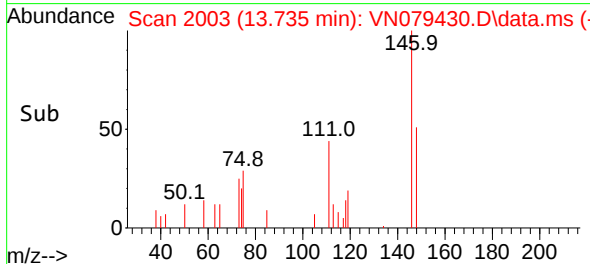
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



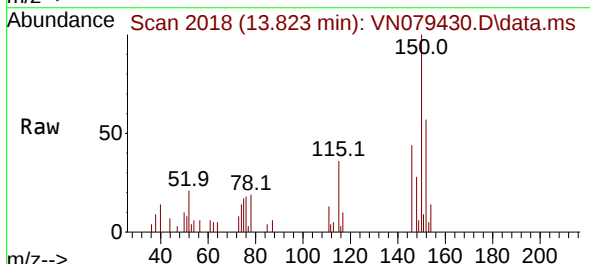
Tgt Ion:146 Resp: 3474
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.3
148 66.9 32.0 96.0

Manual Integrations
APPROVED

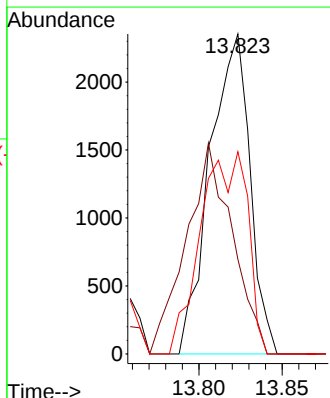
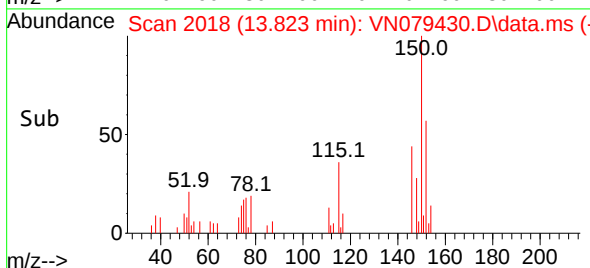
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

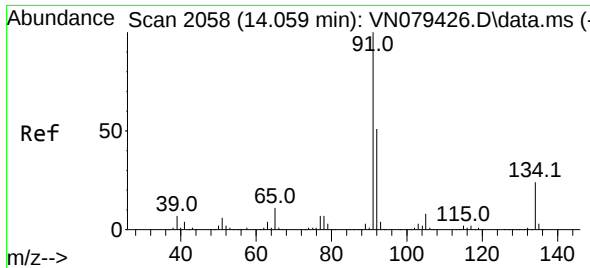


#88
1,4-Dichlorobenzene
Concen: 1.206 ug/l m
RT: 13.823 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



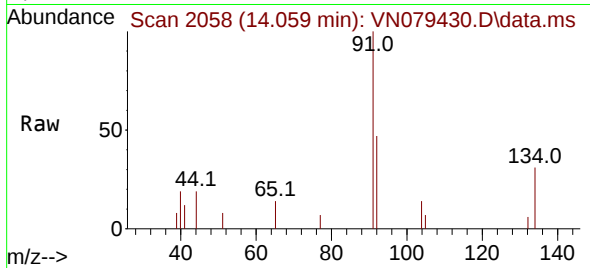
Tgt Ion:146 Resp: 3937
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 59.0 31.6 94.8





#89
n-Butylbenzene
Concen: 0.820 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

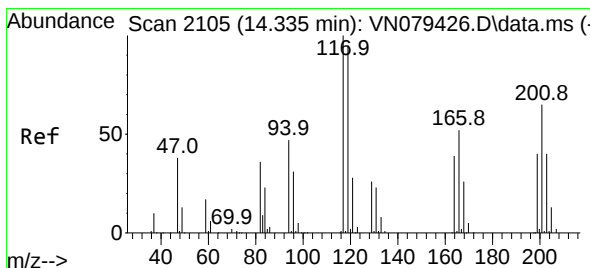
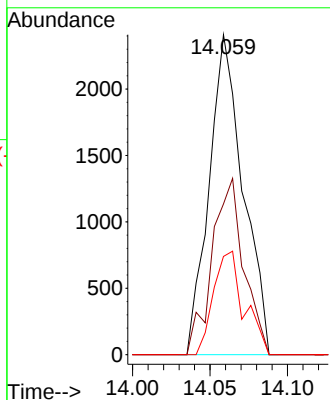
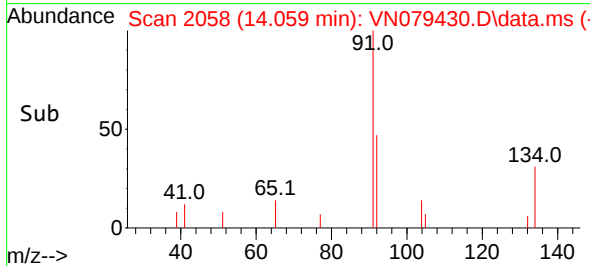
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 91 Resp: 3679
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 29.0 12.6 37.6

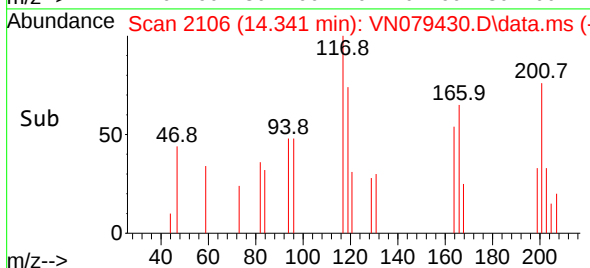
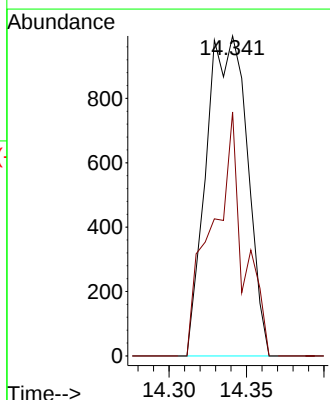
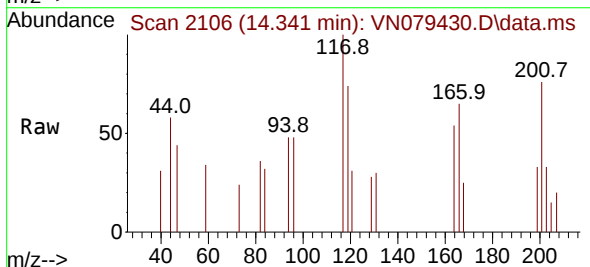
Manual Integrations
APPROVED

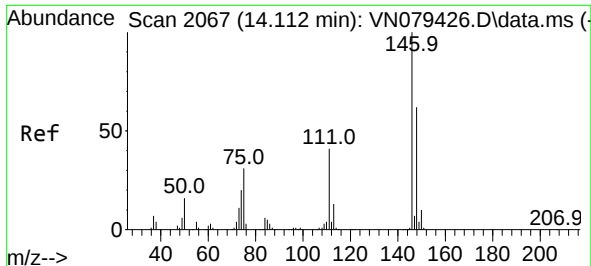
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 0.569 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

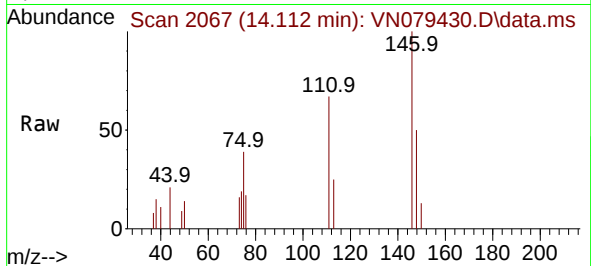
Tgt Ion:117 Resp: 1829
Ion Ratio Lower Upper
117 100
201 58.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 1.048 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

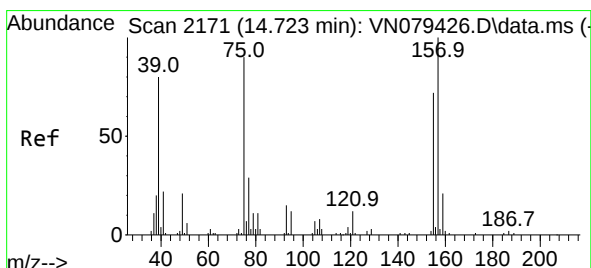
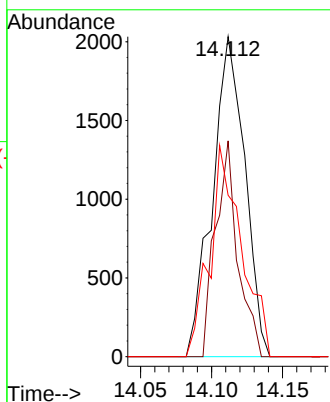
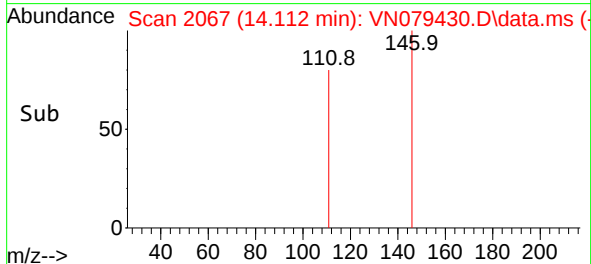
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



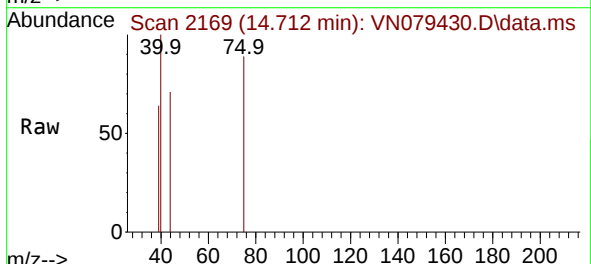
Tgt Ion:146 Resp: 323
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 64.4 31.8 95.3

Manual Integrations
APPROVED

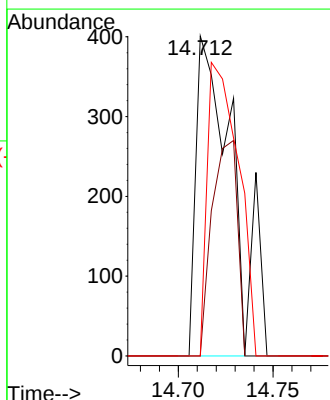
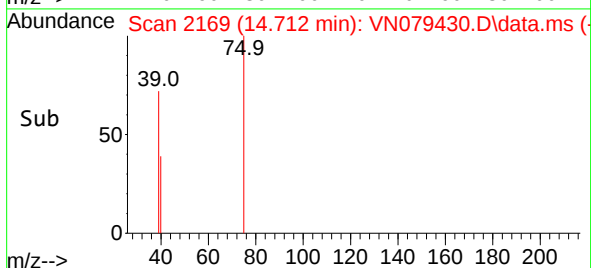
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

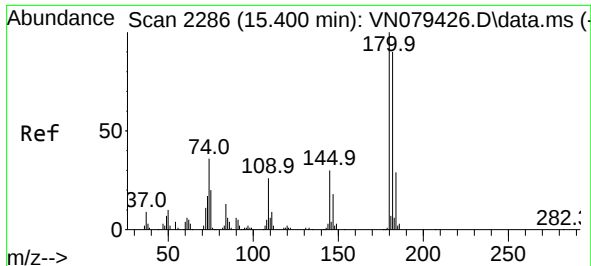


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.170 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



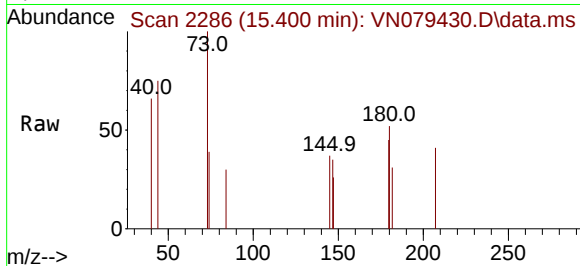
Tgt Ion: 75 Resp: 550
Ion Ratio Lower Upper
75 100
155 45.6 39.1 117.2
157 76.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 0.919 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

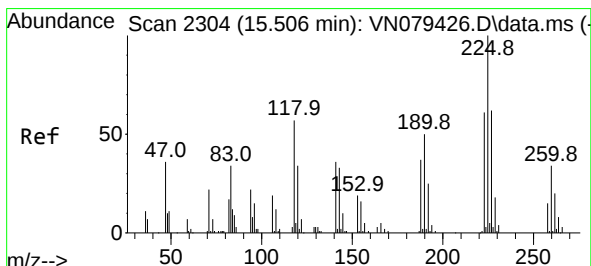
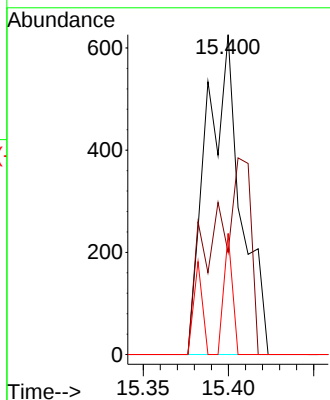
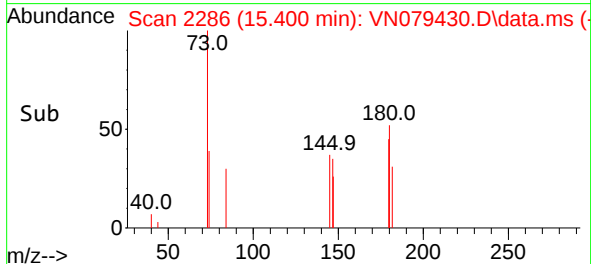
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



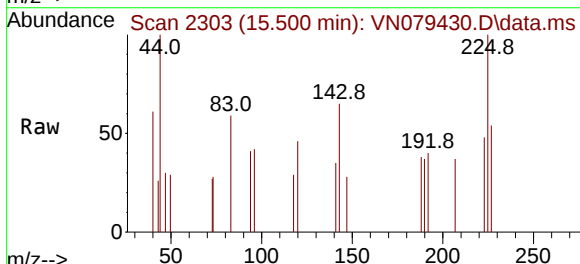
Tgt Ion:180 Resp: 878
Ion Ratio Lower Upper
180 100
182 67.4 46.1 138.2
145 9.6 16.6 49.8

Manual Integrations
APPROVED

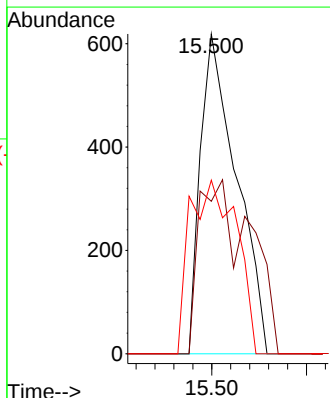
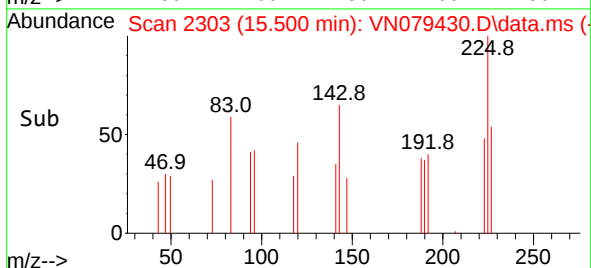
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

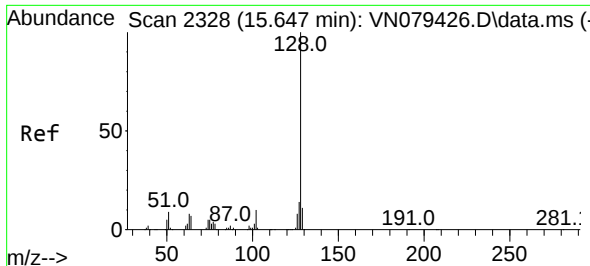


#94
Hexachlorobutadiene
Concen: 1.098 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



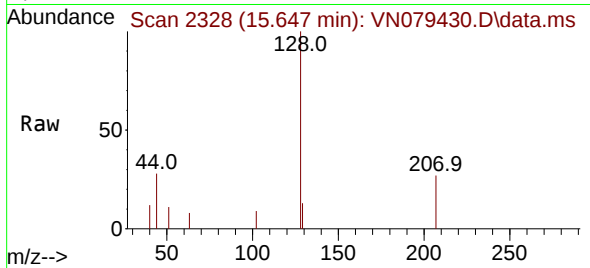
Tgt Ion:225 Resp: 817
Ion Ratio Lower Upper
225 100
223 77.1 31.3 93.8
227 70.5 31.9 95.9





#95
Naphthalene
Concen: 1.055 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51

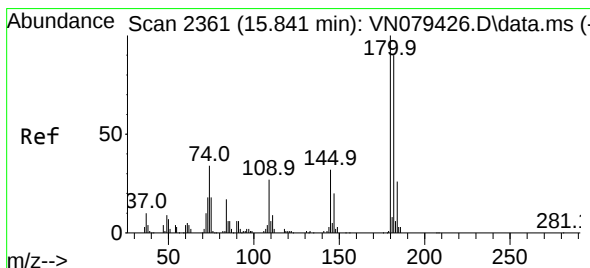
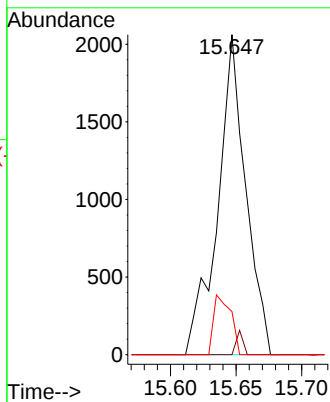
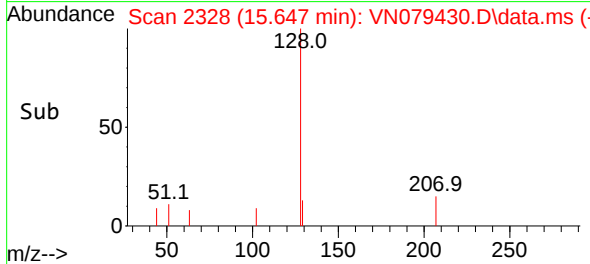
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



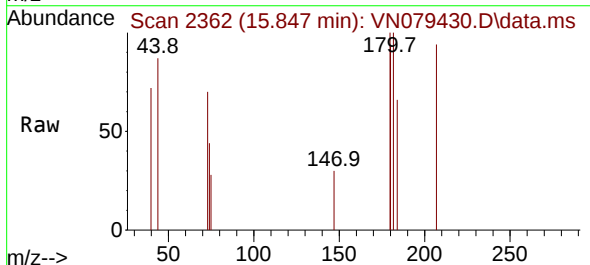
Tgt Ion:128 Resp: 307
Ion Ratio Lower Upper
128 100
127 1.8 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.142 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079430.D
Acq: 05 Oct 2023 19:51



Tgt Ion:180 Resp: 1302
Ion Ratio Lower Upper
180 100
182 82.3 46.2 138.6
145 4.8 17.5 52.6

