

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078454.D
 Acq On : 10 Jul 2023 14:46
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 16:08:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:08:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	465120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	818145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	672181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	177944	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	6051	1.061	ug/l	98
3) Chloromethane	2.371	50	7605	1.227	ug/l	90
4) Vinyl Chloride	2.518	62	9060	1.130	ug/l #	79
6) Chloroethane	3.136	64	6985	1.289	ug/l	89
7) Trichlorofluoromethane	3.506	101	10631	1.109	ug/l #	76
8) Diethyl Ether	3.965	74	3469	1.086	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.383	101	5297m	1.044	ug/l	
12) 1,1-Dichloroethene	4.353	96	5073	1.034	ug/l	88
14) Allyl chloride	5.036	41	6513	0.971	ug/l #	32
15) Acrylonitrile	5.735	53	11742	4.833	ug/l #	84
16) Acetone	4.453	43	11033	5.680	ug/l	98
17) Carbon Disulfide	4.724	76	16837	1.186	ug/l #	89
18) Methyl Acetate	5.053	43	9440	1.148	ug/l #	83
19) Methyl tert-butyl Ether	5.812	73	15824	0.979	ug/l	99
20) Methylene Chloride	5.288	84	8757	1.284	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	5678	1.027	ug/l #	82
22) Diisopropyl ether	6.694	45	13689	0.912	ug/l #	90
23) Vinyl Acetate	6.612	43	40842	4.278	ug/l	100
24) 1,1-Dichloroethane	6.588	63	10638	1.051	ug/l #	93
25) 2-Butanone	7.500	43	15451	5.053	ug/l #	82
26) 2,2-Dichloropropane	7.512	77	8972m	1.084	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	6309	0.986	ug/l	91
28) Bromochloromethane	7.812	49	5279	1.108	ug/l #	74
29) Tetrahydrofuran	7.853	42	9965	4.967	ug/l #	81
30) Chloroform	7.982	83	10434	0.990	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	8816	0.933	ug/l #	51
36) 1,1-Dichloropropene	8.376	75	8420	1.050	ug/l	93
37) Ethyl Acetate	7.571	43	6447	0.964	ug/l #	76
38) Carbon Tetrachloride	8.365	117	8814	1.011	ug/l #	76
39) Methylcyclohexane	9.600	83	7452	1.018	ug/l #	74
40) Benzene	8.618	78	23229	0.978	ug/l	96
41) Methacrylonitrile	7.800	41	3220	0.945	ug/l #	73
42) 1,2-Dichloroethane	8.688	62	8541	1.057	ug/l	97
43) Isopropyl Acetate	8.694	43	9229	0.839	ug/l	91
44) Trichloroethene	9.359	130	7499	1.171	ug/l	70
45) 1,2-Dichloropropane	9.623	63	6009	0.999	ug/l	94

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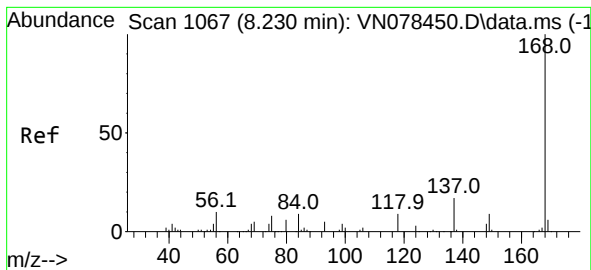
Quant Time: Jul 10 16:08:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:08:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	3991	0.942	ug/l #	84
47) Bromodichloromethane	9.888	83	8476	0.998	ug/l #	77
48) Methyl methacrylate	9.700	41	4681	0.918	ug/l #	59
49) 1,4-Dioxane	9.700	88	2332	20.972	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	28299	4.323	ug/l	90
52) Toluene	10.647	92	14474	0.983	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	7787	0.895	ug/l #	81
54) cis-1,3-Dichloropropene	10.318	75	7647	0.825	ug/l #	87
55) 1,1,2-Trichloroethane	11.023	97	5774	0.995	ug/l #	82
56) Ethyl methacrylate	10.876	69	7066	0.871	ug/l #	87
57) 1,3-Dichloropropane	11.170	76	9790	0.992	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.170	63	12104	4.188	ug/l	99
59) 2-Hexanone	11.200	43	19374	4.164	ug/l	93
60) Dibromochloromethane	11.370	129	5887	0.919	ug/l	98
61) 1,2-Dibromoethane	11.476	107	5487	0.918	ug/l	99
64) Tetrachloroethene	11.112	164	4574	0.905	ug/l	95
65) Chlorobenzene	11.894	112	15354	1.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	5862	1.014	ug/l #	60
67) Ethyl Benzene	11.970	91	22338	0.880	ug/l	89
68) m/p-Xylenes	12.076	106	14400	1.534	ug/l	78
69) o-Xylene	12.406	106	8798	0.928	ug/l	89
70) Styrene	12.417	104	11654	0.785	ug/l	94
71) Bromoform	12.576	173	3172	0.810	ug/l #	81
73) Isopropylbenzene	12.700	105	18287	1.094	ug/l	100
74) N-amyl acetate	12.500	43	6033	1.047	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	7660	1.357	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	4348m	1.012	ug/l	
77) Bromobenzene	12.988	156	5251	1.279	ug/l	99
78) n-propylbenzene	13.041	91	18066	1.010	ug/l	91
79) 2-Chlorotoluene	13.129	91	13932	1.189	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	14027	1.062	ug/l	96
82) 4-Chlorotoluene	13.229	91	11336	1.037	ug/l	94
83) tert-Butylbenzene	13.441	119	12155	1.084	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	12669	0.987	ug/l	93
85) sec-Butylbenzene	13.623	105	14915	1.052	ug/l	94
86) p-Isopropyltoluene	13.729	119	11243	0.988	ug/l	90
87) 1,3-Dichlorobenzene	13.741	146	6600	1.028	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	7347m	1.136	ug/l	
89) n-Butylbenzene	14.064	91	6783	0.833	ug/l	92
90) Hexachloroethane	14.341	117	3389	0.817	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	6581	1.030	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.735	75	1298	1.395	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	1938	0.951	ug/l	96
94) Hexachlorobutadiene	15.505	225	1773	1.329	ug/l	87
95) Naphthalene	15.647	128	7750	1.112	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.852	180	2469	1.053	ug/l	97

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

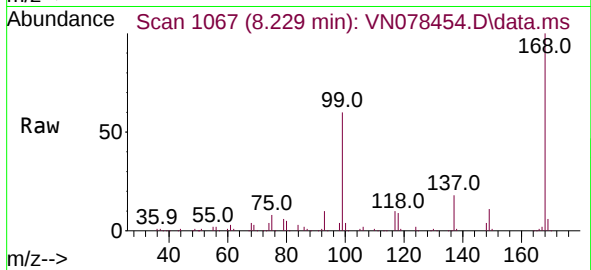
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

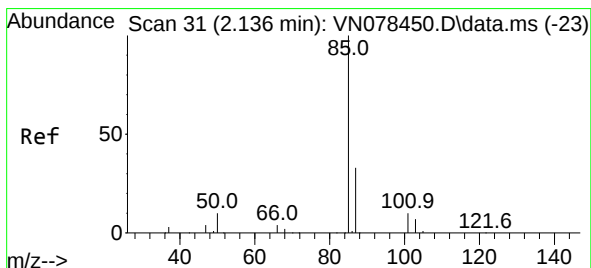
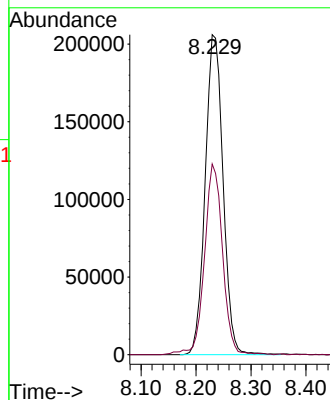
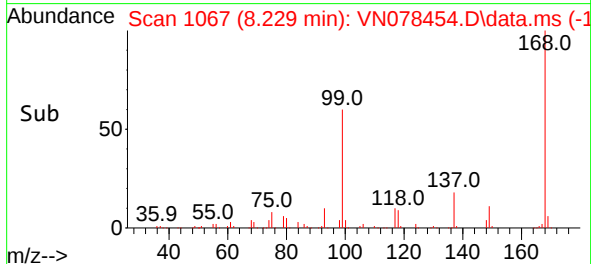
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 465120
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6

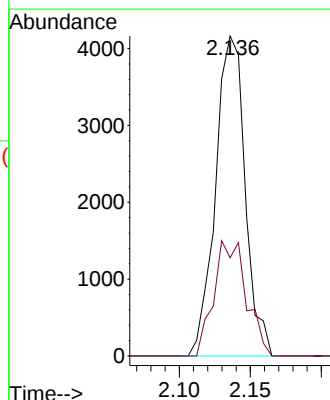
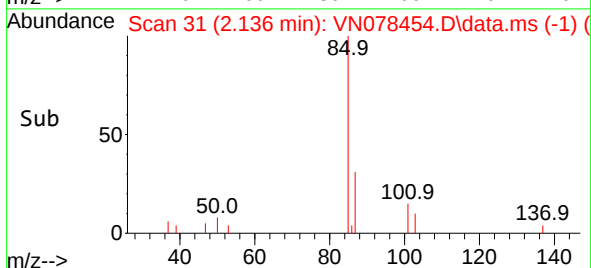
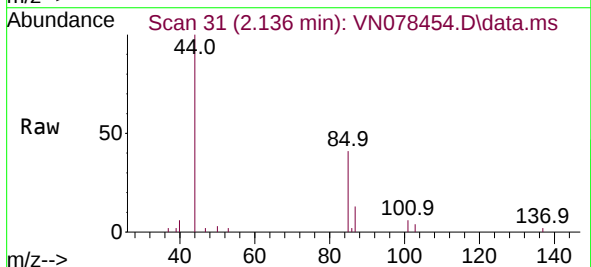
Manual Integrations
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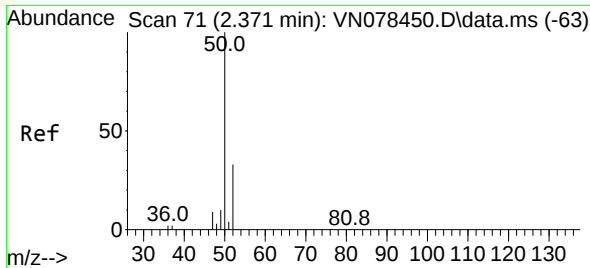
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 1.061 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 85 Resp: 6051
Ion Ratio Lower Upper
85 100
87 30.7 15.8 47.4





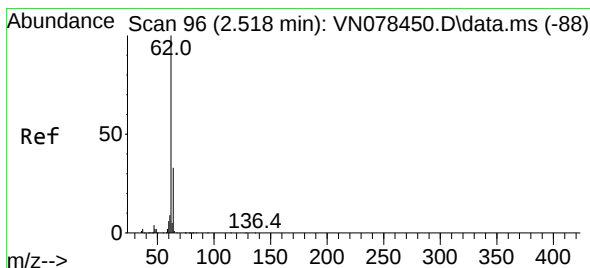
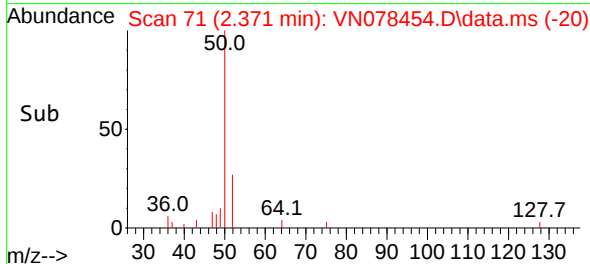
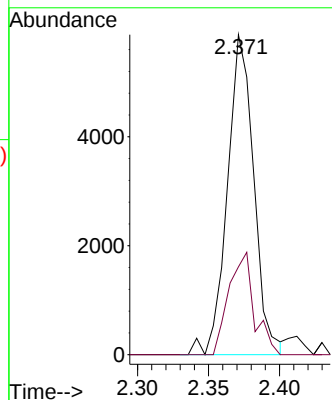
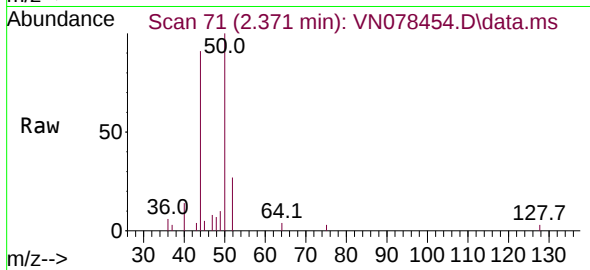
#3
Chloromethane
Concen: 1.227 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 27.4 26.5 39.7

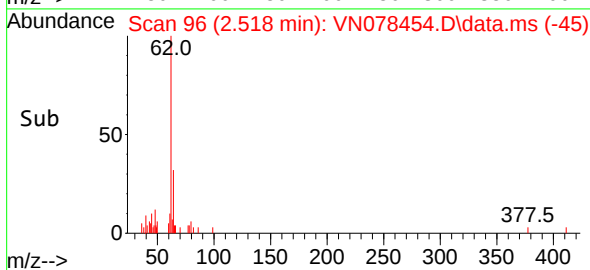
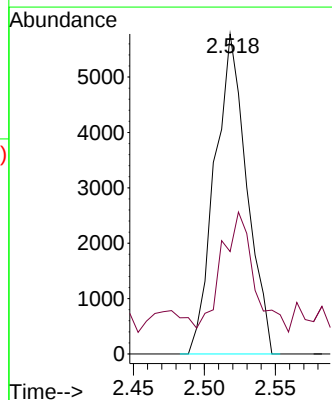
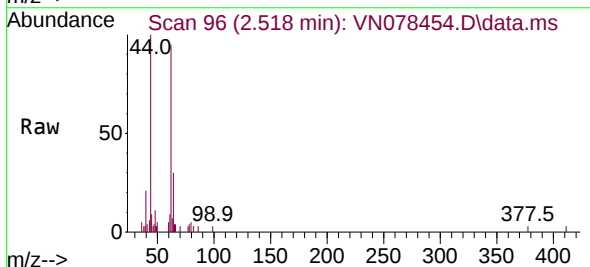
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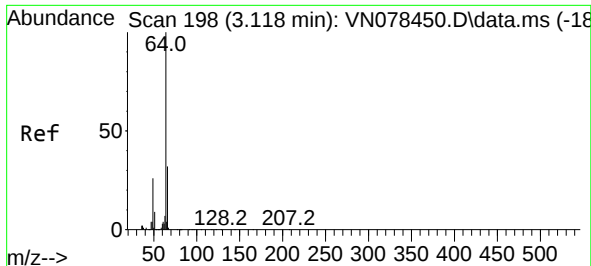
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Vinyl Chloride
Concen: 1.130 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 62 Resp: 9060
Ion Ratio Lower Upper
62 100
64 20.7 26.2 39.2#





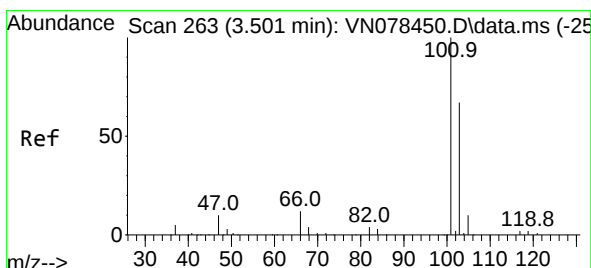
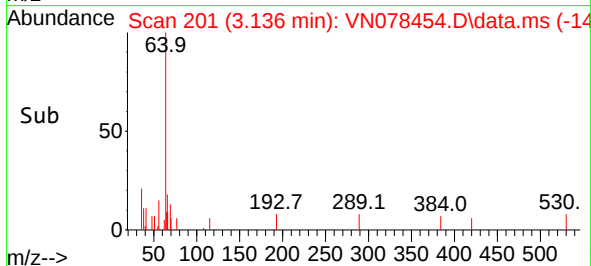
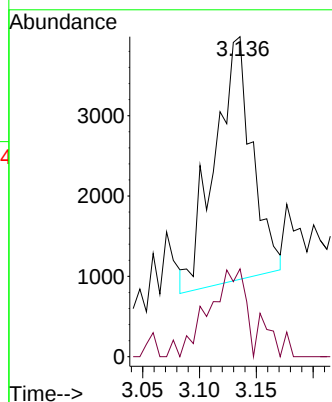
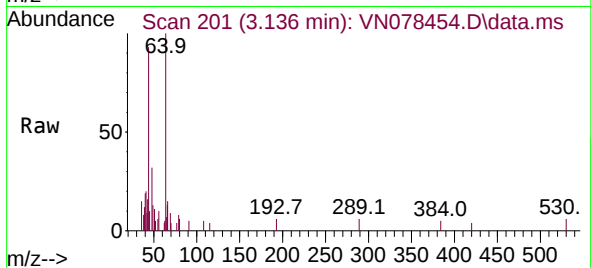
#6
Chloroethane
Concen: 1.289 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 698
Ion Ratio Lower Upper
64 100
66 37.7 25.4 38.2

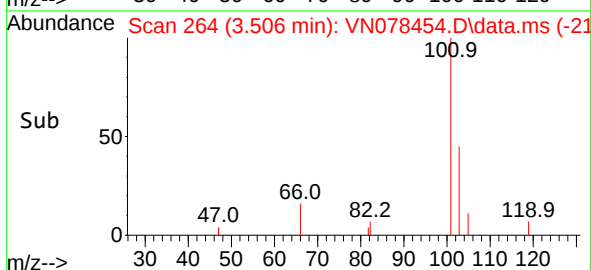
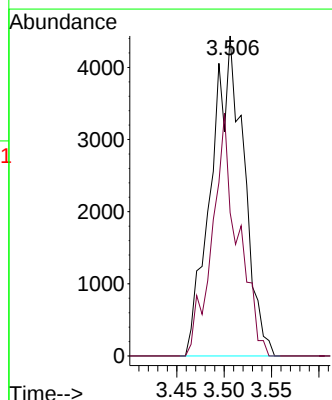
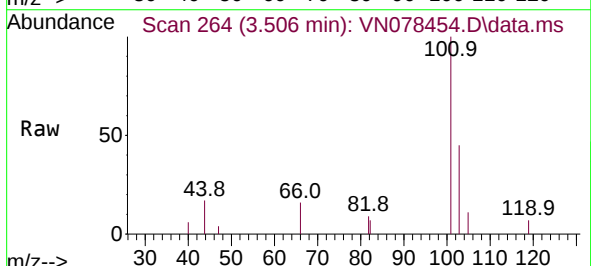
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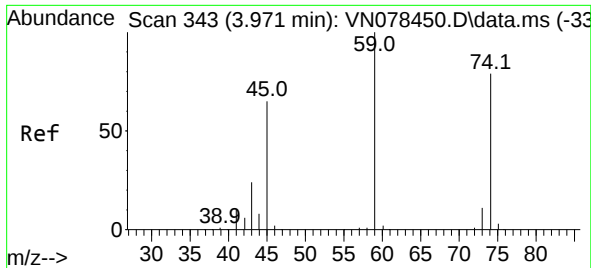
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#7
Trichlorofluoromethane
Concen: 1.109 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

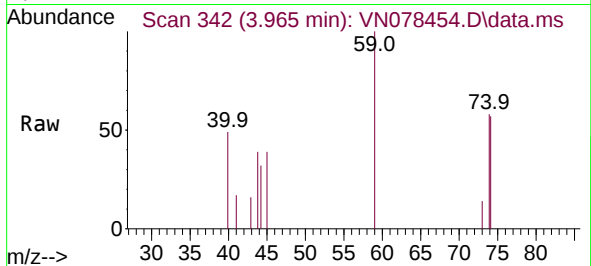
Tgt Ion:101 Resp: 10631
Ion Ratio Lower Upper
101 100
103 44.8 50.7 76.1#





#8
Diethyl Ether
Concen: 1.086 ug/l
RT: 3.965 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

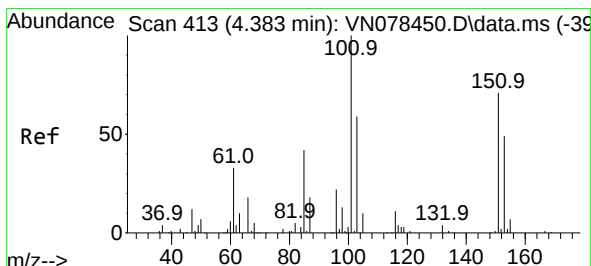
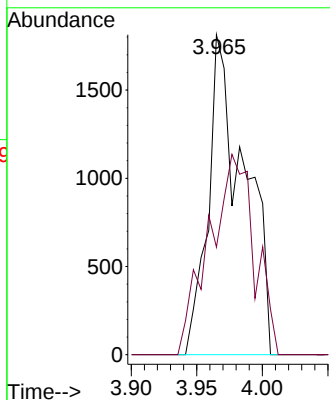
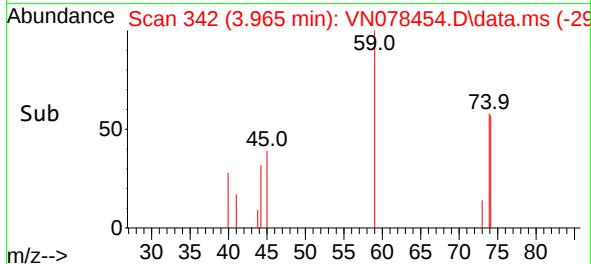
Instrument :
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ClientSampleId :
VSTDIC001



Tgt Ion: 74 Resp: 3469
Ion Ratio Lower Upper
74 100
45 78.5 34.4 103.3

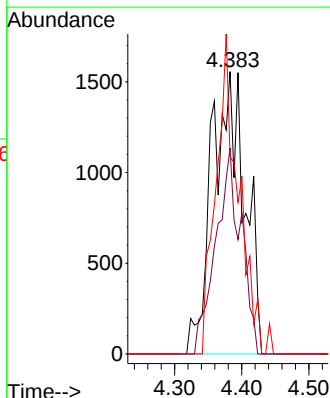
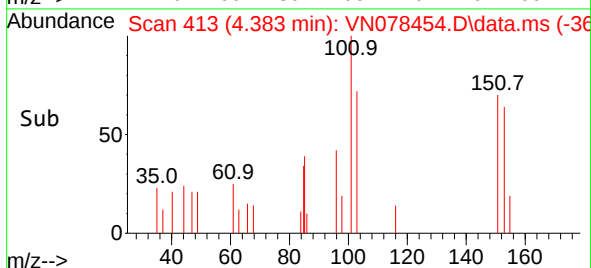
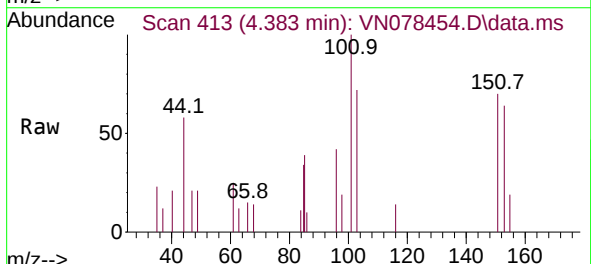
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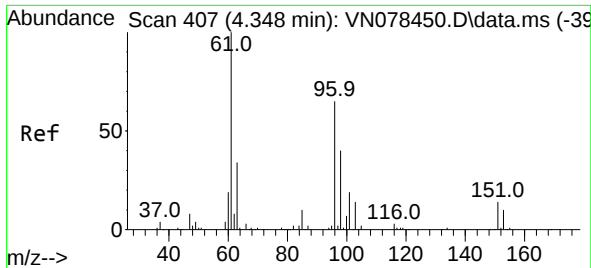
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.044 ug/l m
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:101 Resp: 5297
Ion Ratio Lower Upper
101 100
85 55.9 36.6 55.0#
151 76.5 57.6 86.4





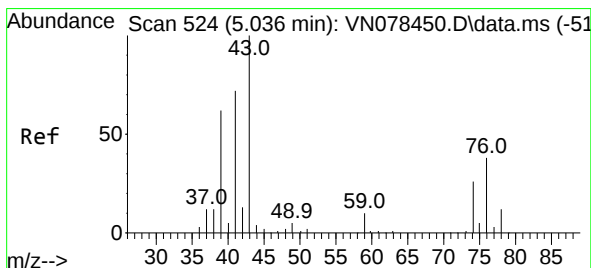
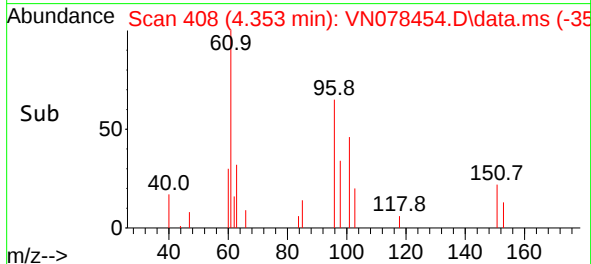
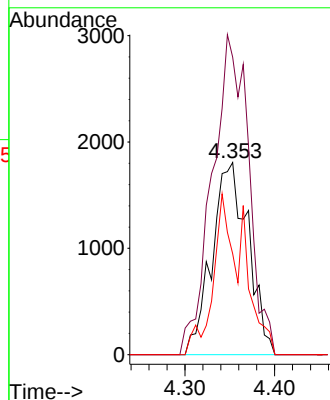
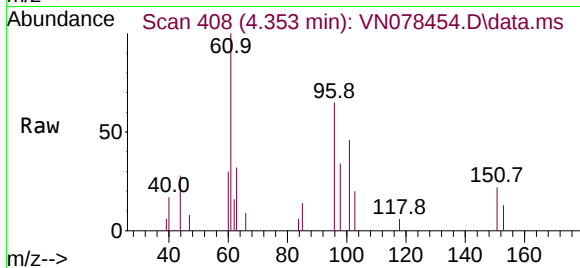
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1,1-Dichloroethene
Concen: 1.034 ug/l
RT: 4.353 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 5073
Ion Ratio Lower Upper
96 100
61 154.8 112.7 169.1
98 52.6 51.2 76.8

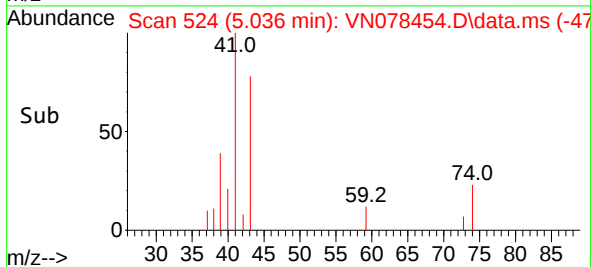
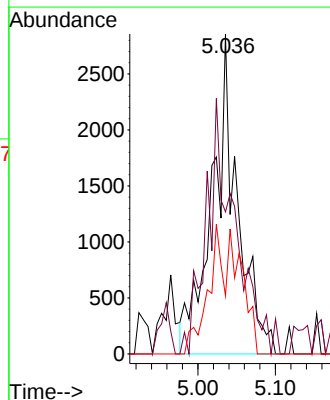
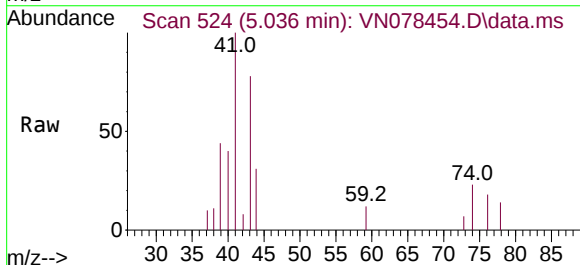
Manual Integrations
APPROVED

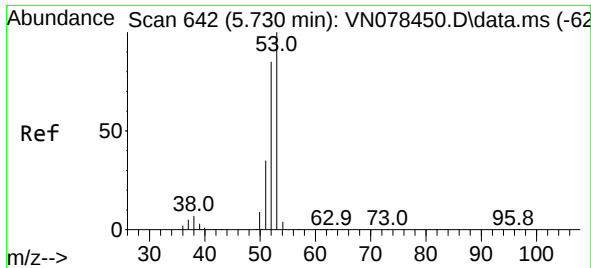
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 0.971 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

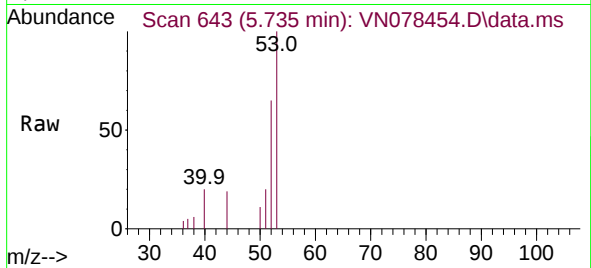
Tgt Ion: 41 Resp: 6513
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 22.8 39.1 58.7#





#15
Acrylonitrile
Concen: 4.833 ug/l
RT: 5.735 min Scan# 642
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

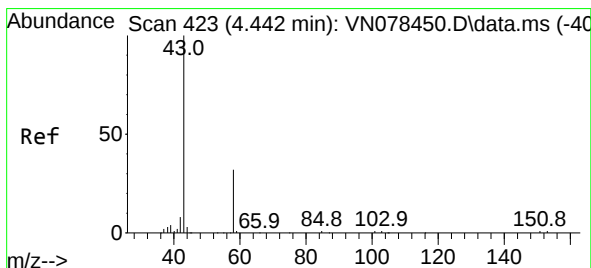
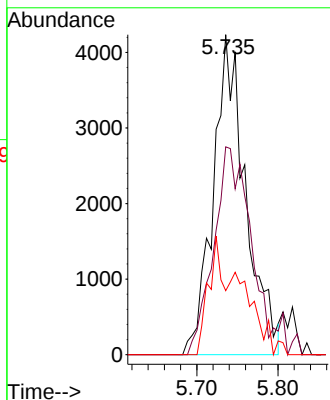
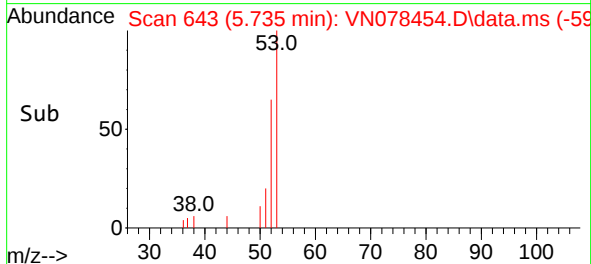
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



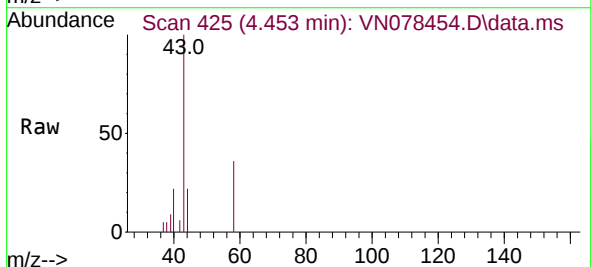
Tgt Ion: 53 Resp: 11742
Ion Ratio Lower Upper
53 100
52 74.2 65.3 97.9
51 16.9 28.9 43.3

Manual Integrations
APPROVED

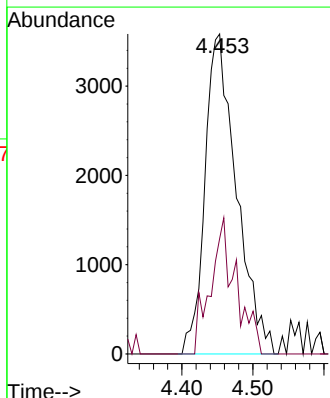
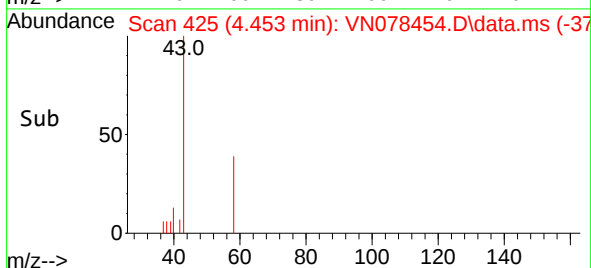
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

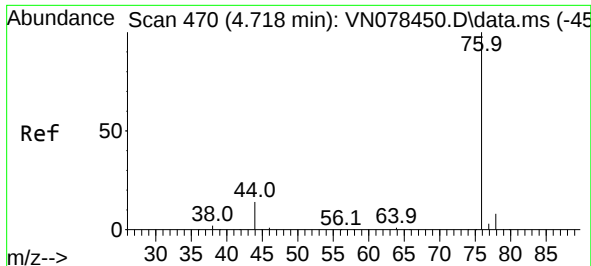


#16
Acetone
Concen: 5.680 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



Tgt Ion: 43 Resp: 11033
Ion Ratio Lower Upper
43 100
58 36.1 28.0 42.0





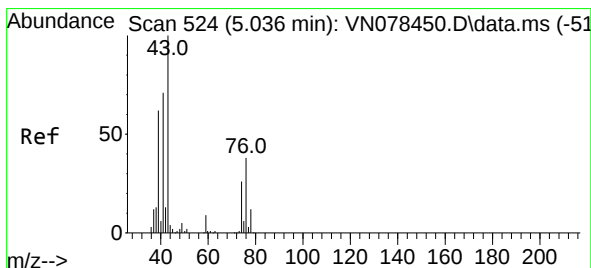
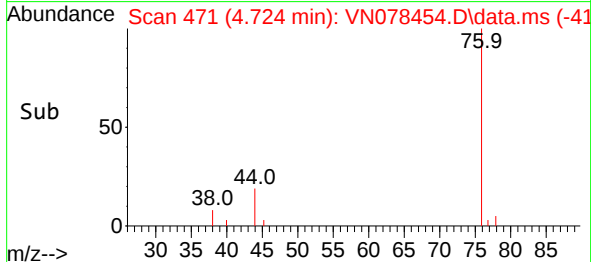
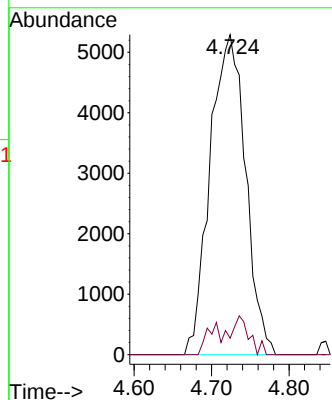
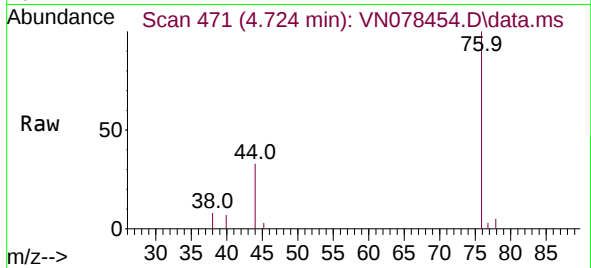
#17
Carbon Disulfide
Concen: 1.186 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 1683
Ion Ratio Lower Upper
76 100
78 5.2 7.4 11.0

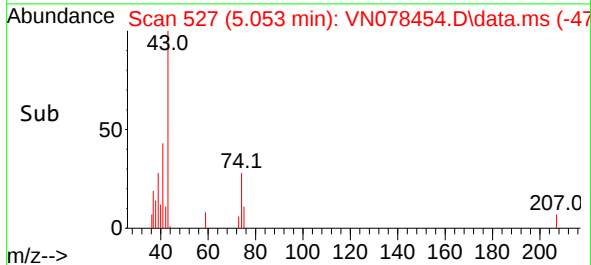
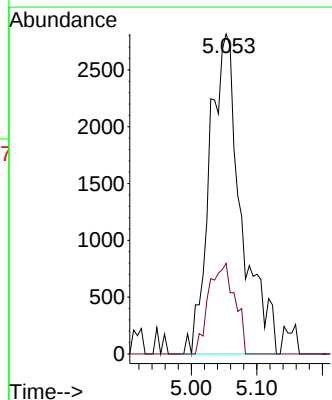
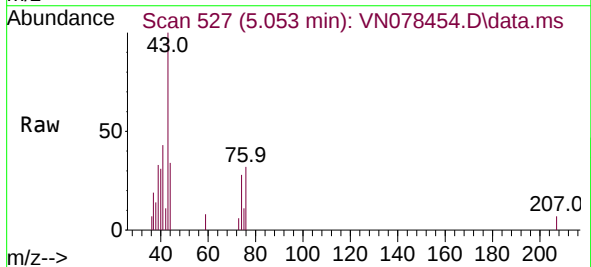
Manual Integrations
APPROVED

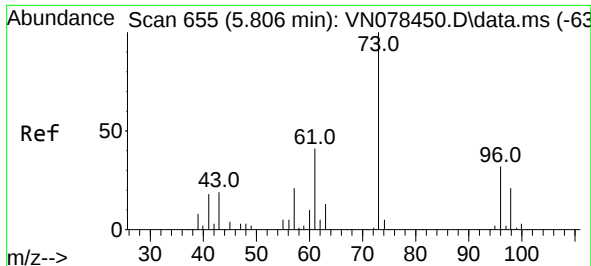
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 1.148 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 43 Resp: 9440
Ion Ratio Lower Upper
43 100
74 23.3 26.2 39.4





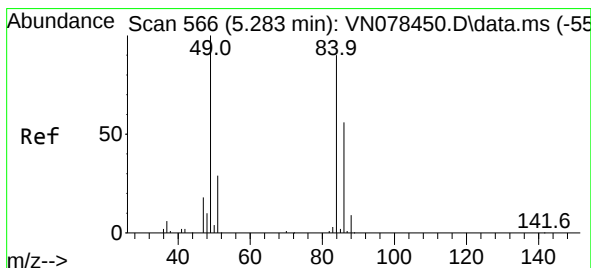
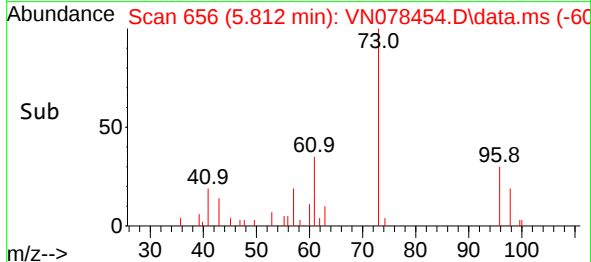
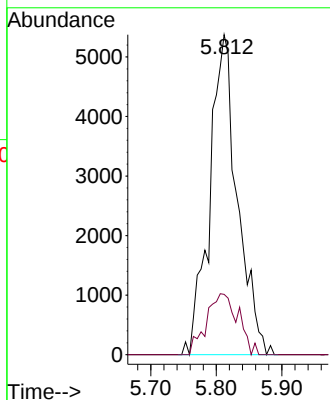
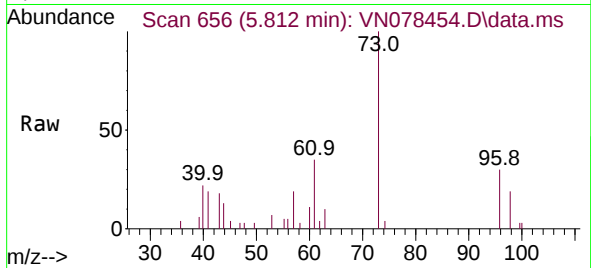
#19
Methyl tert-butyl Ether
Concen: 0.979 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 15824
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4

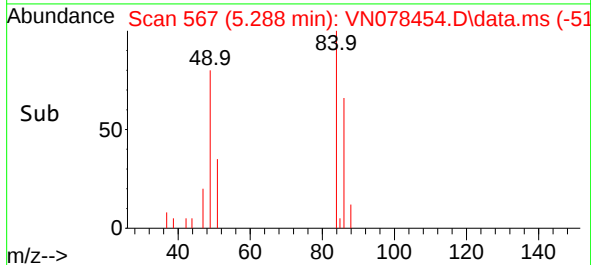
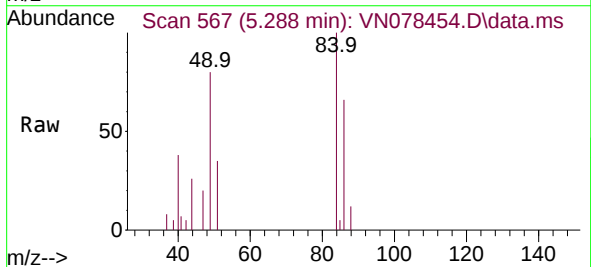
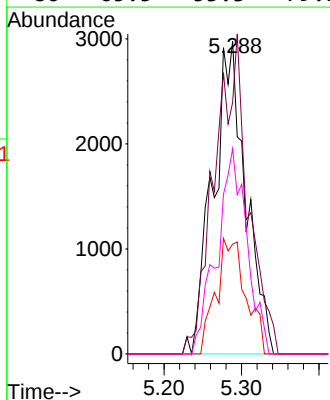
Manual Integrations
APPROVED

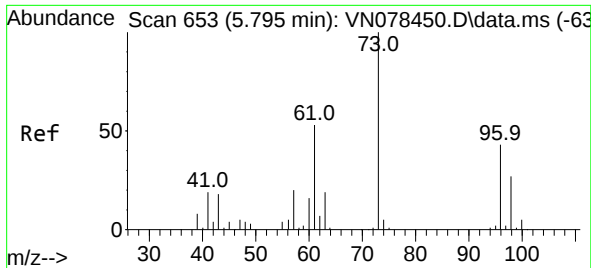
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 1.284 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

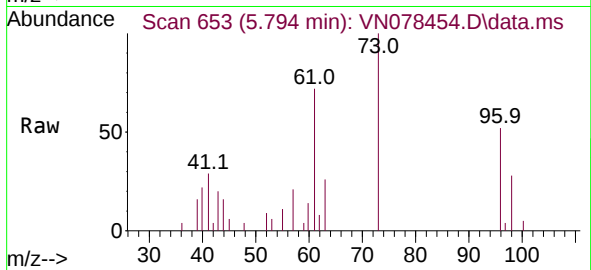
Tgt Ion: 84 Resp: 8757
Ion Ratio Lower Upper
84 100
49 80.3 79.7 119.5
51 35.1 25.2 37.8
86 65.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 1.027 ug/l
RT: 5.794 min Scan# 607
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

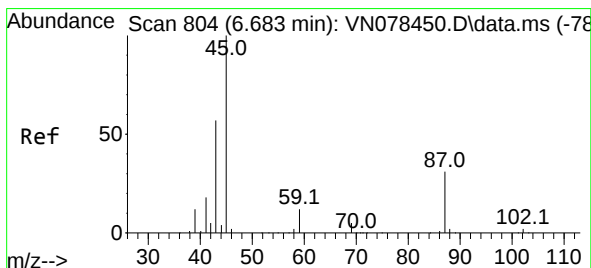
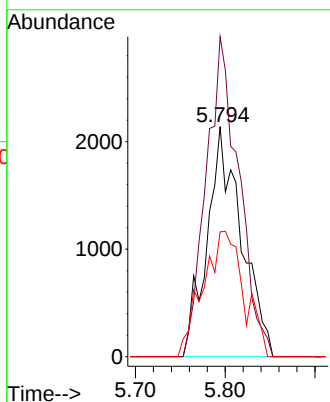
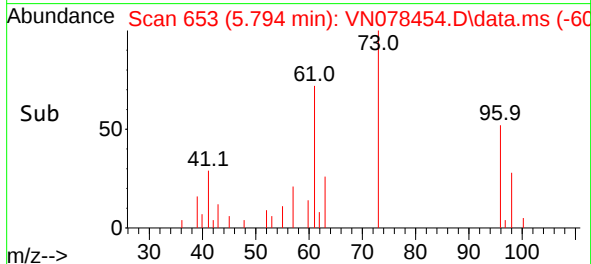
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



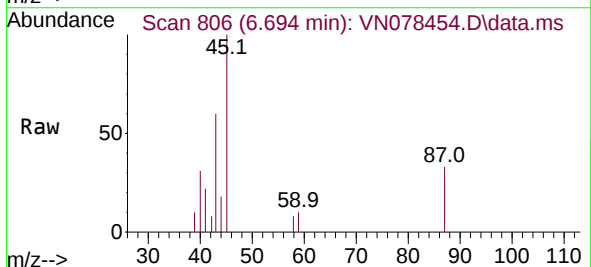
Tgt Ion: 96 Resp: 5678
Ion Ratio Lower Upper
96 100
61 139.0 90.1 135.1
98 54.2 46.4 69.6

Manual Integrations
APPROVED

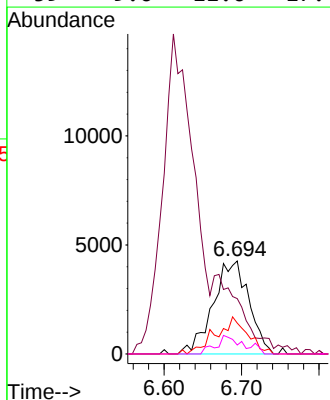
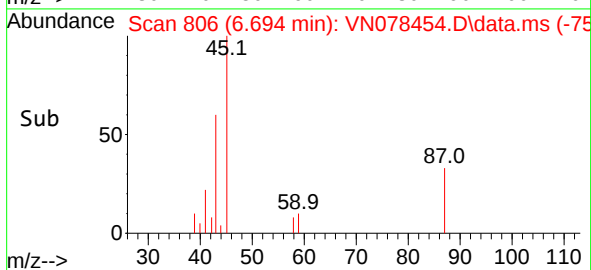
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

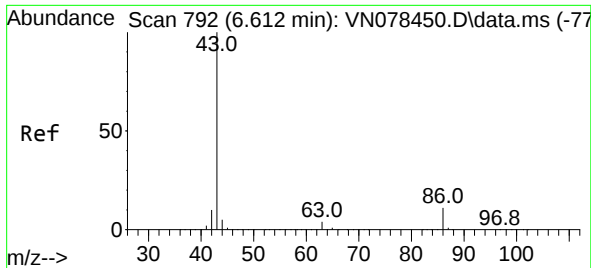


#22
Diisopropyl ether
Concen: 0.912 ug/l
RT: 6.694 min Scan# 806
Delta R.T. 0.011 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



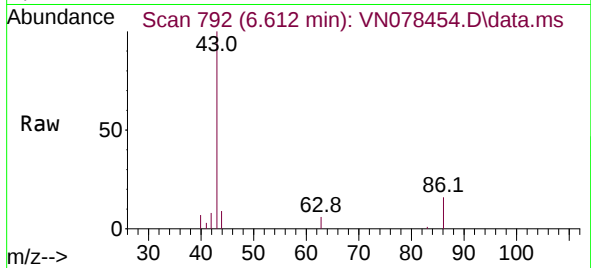
Tgt Ion: 45 Resp: 13689
Ion Ratio Lower Upper
45 100
43 50.0 45.5 68.3
87 33.2 31.8 47.8
59 9.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 4.278 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

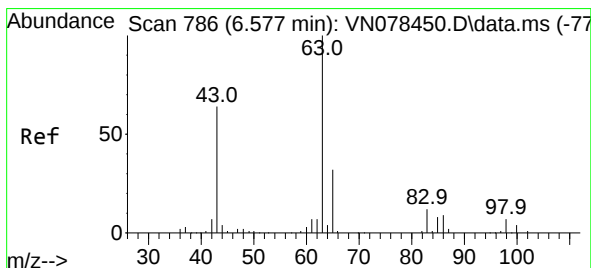
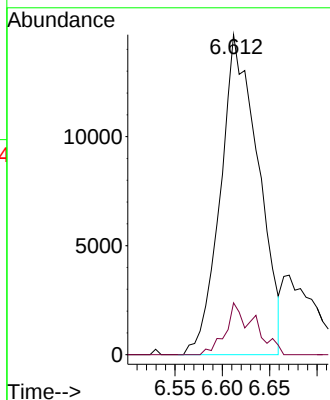
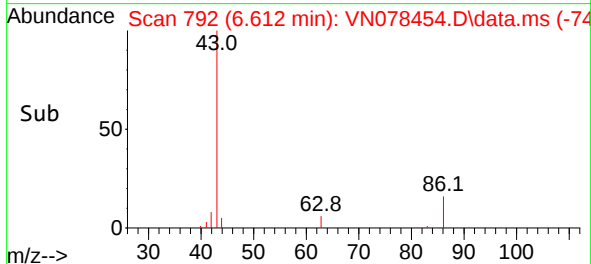
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001



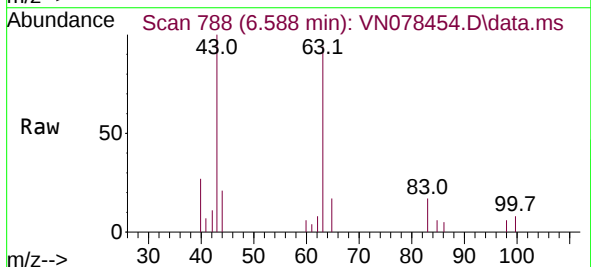
Tgt Ion: 43 Resp: 4084
 Ion Ratio Lower Upper
 43 100
 86 16.2 13.0 19.6

Manual Integrations
 APPROVED

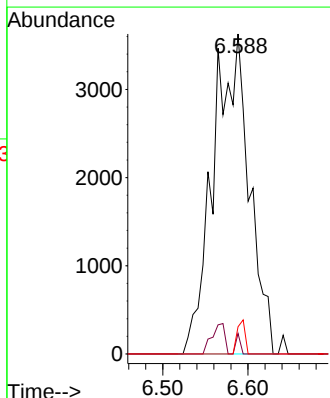
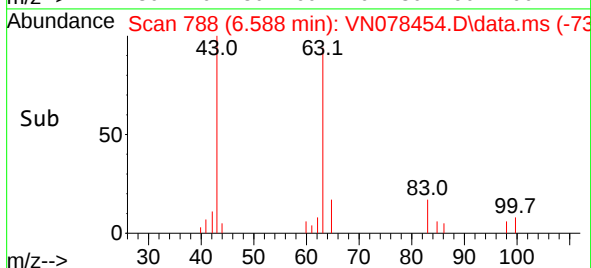
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

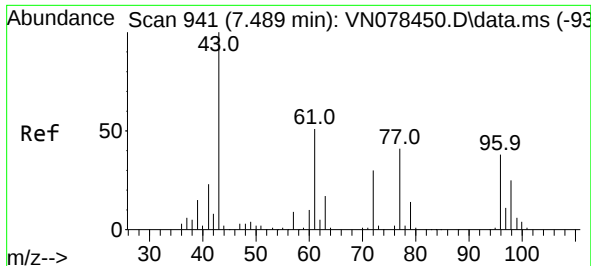


#24
 1,1-Dichloroethane
 Concen: 1.051 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.011 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46



Tgt Ion: 63 Resp: 10638
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 8.5 2.5 7.4#





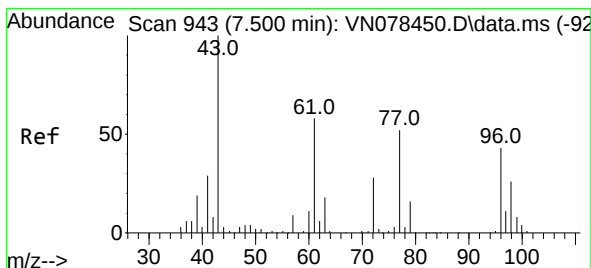
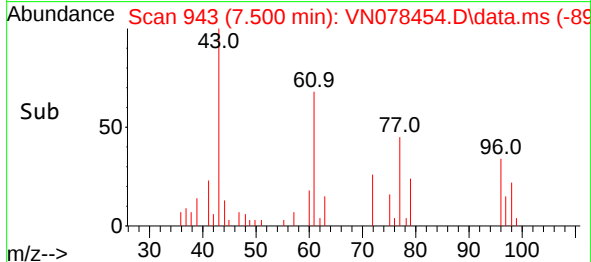
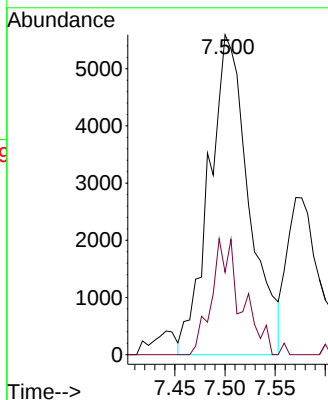
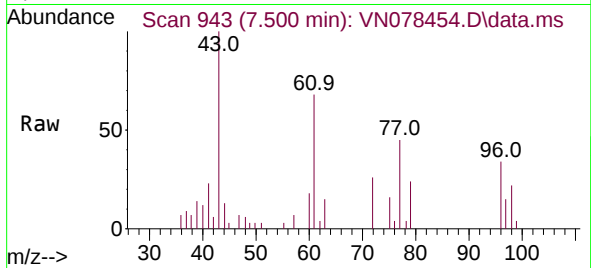
#25
2-Butanone
Concen: 5.053 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

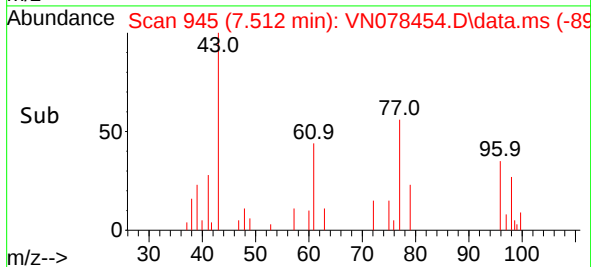
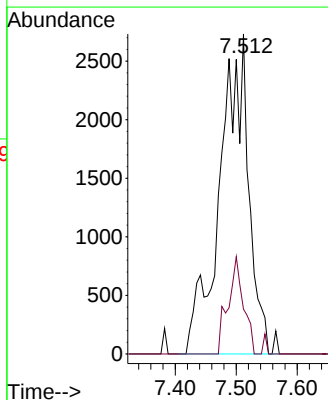
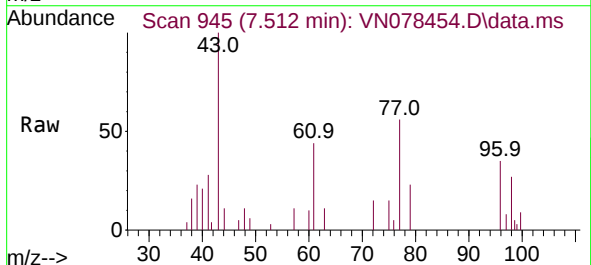
Manual Integrations
APPROVED

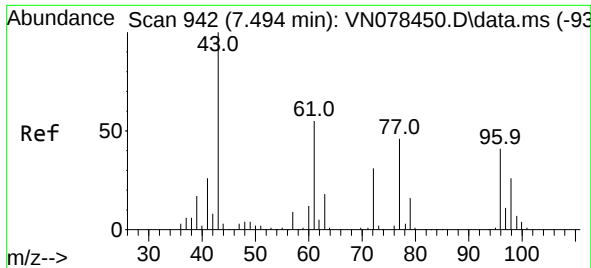
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 1.084 ug/l m
RT: 7.512 min Scan# 945
Delta R.T. 0.012 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

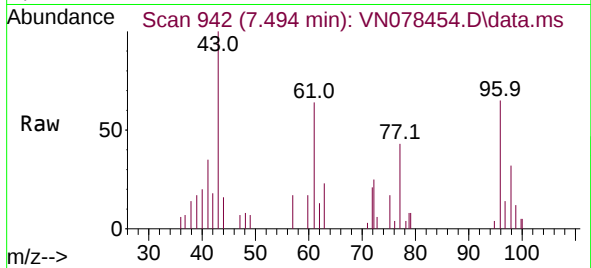
Tgt Ion: 77 Resp: 8972
Ion Ratio Lower Upper
77 100
97 16.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.986 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

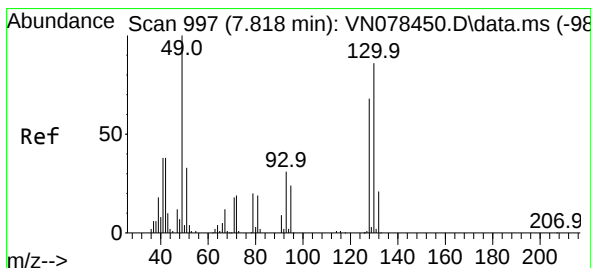
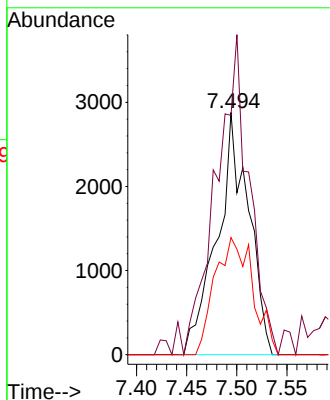
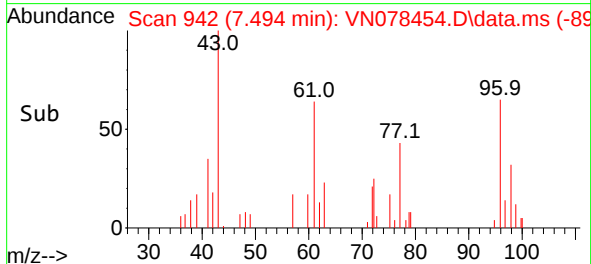
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



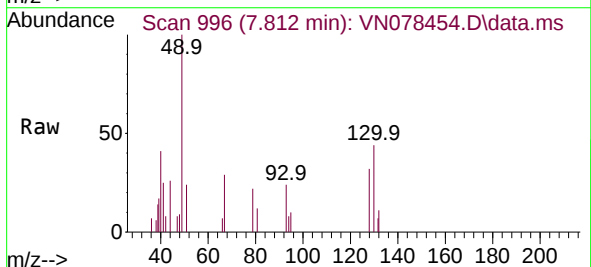
Tgt Ion: 96 Resp: 6309
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 255.2
 98 58.2 0.0 128.8

Manual Integrations
 APPROVED

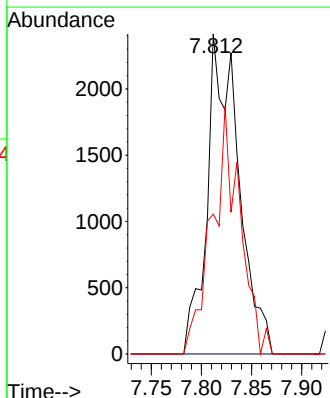
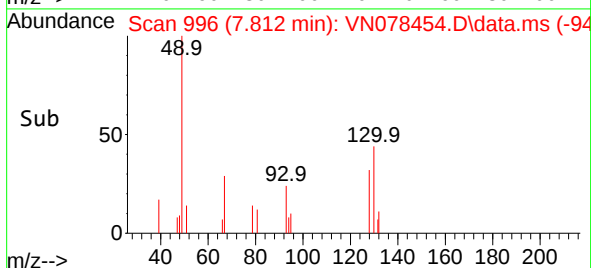
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

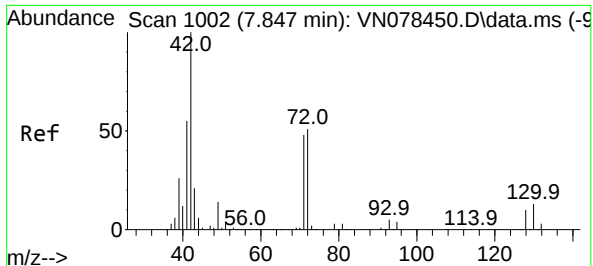


#28
 Bromochloromethane
 Concen: 1.108 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46



Tgt Ion: 49 Resp: 5279
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 68.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 4.967 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

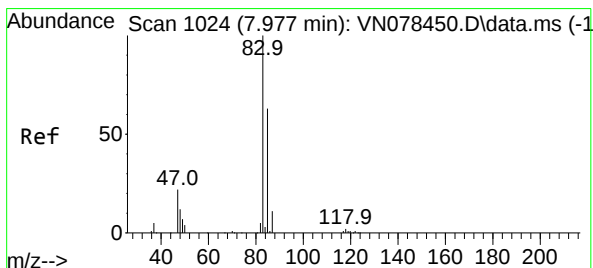
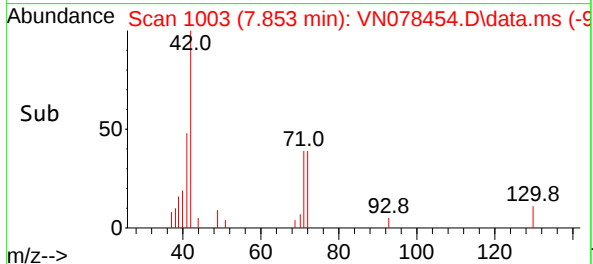
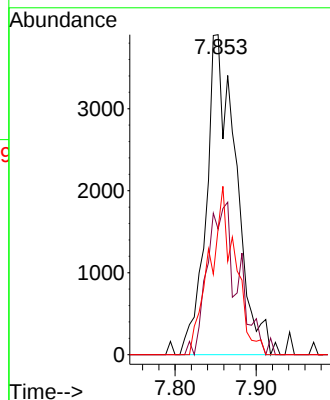
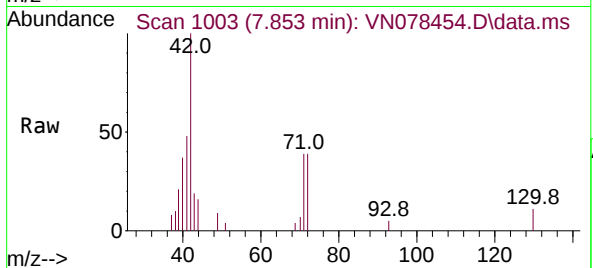
Tgt Ion:	42	Resp:	996
Ion Ratio	Lower	Upper	
42	100		
72	47.7	49.8	74.6
71	45.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 0.990 ug/l

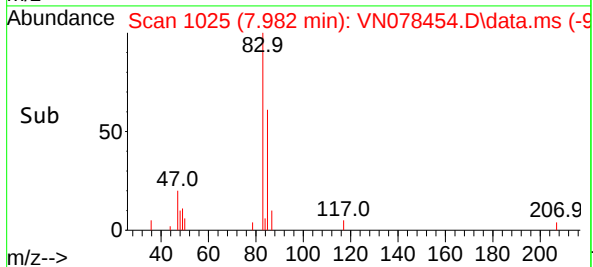
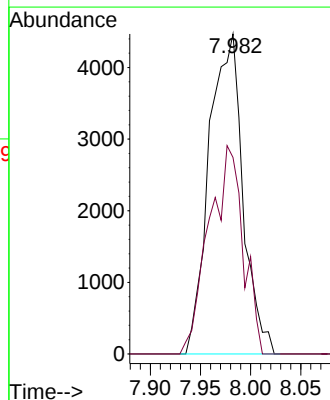
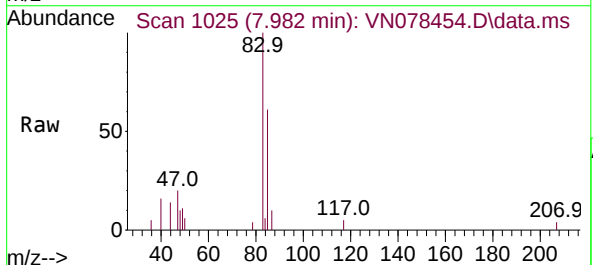
RT: 7.982 min Scan# 1025

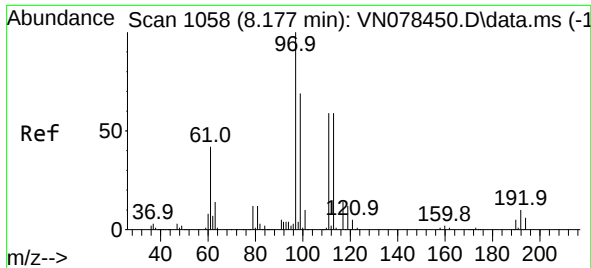
Delta R.T. 0.005 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Tgt Ion:	83	Resp:	10434
Ion Ratio	Lower	Upper	
83	100		
85	61.4	55.4	83.0





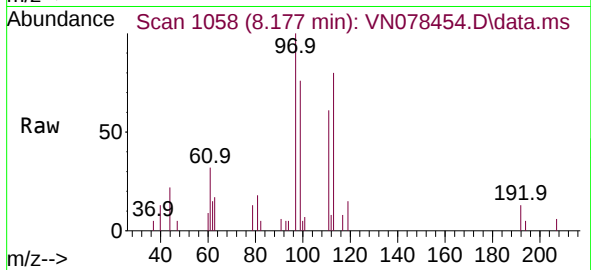
#32
1,1,1-Trichloroethane
Concen: 0.933 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



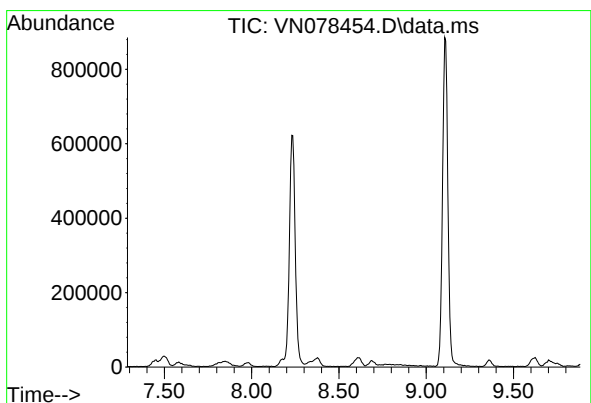
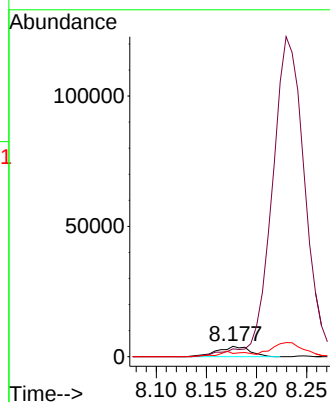
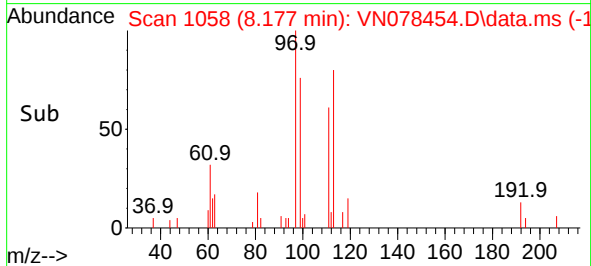
Tgt Ion: 97 Resp: 8810
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 45.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

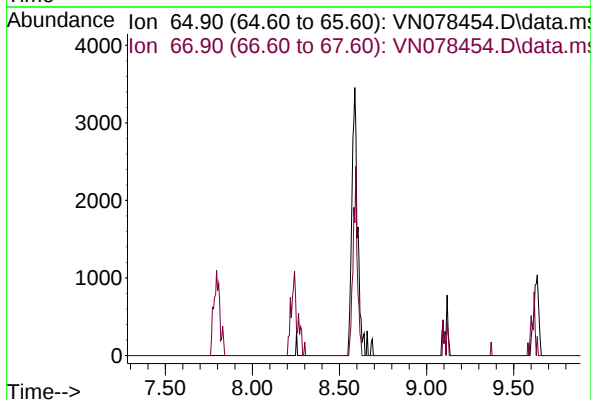
Supervised By :Mahesh Dadoda 07/11/2023

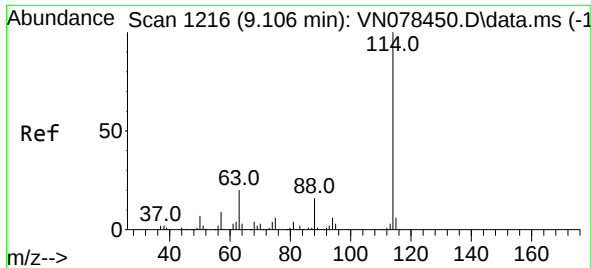


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 81814

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

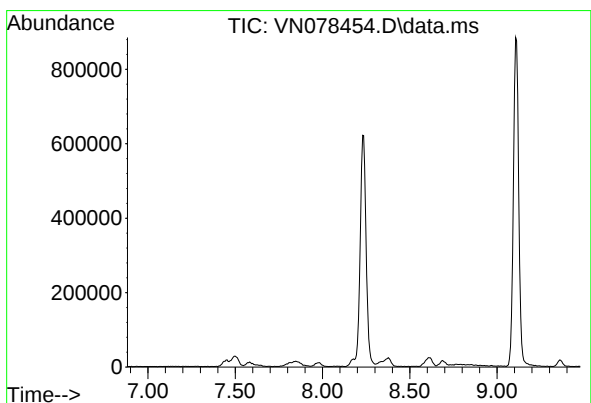
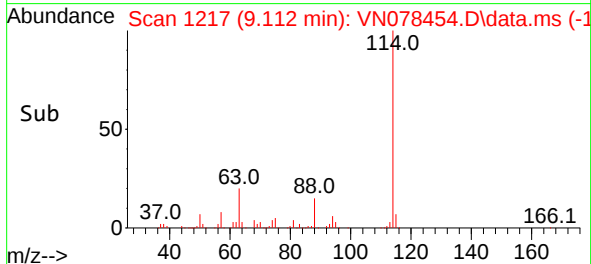
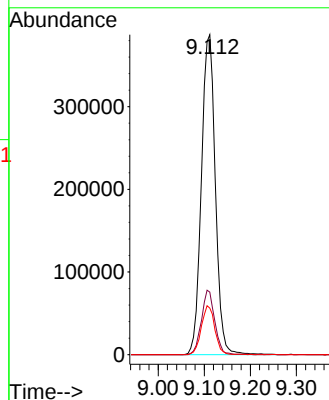
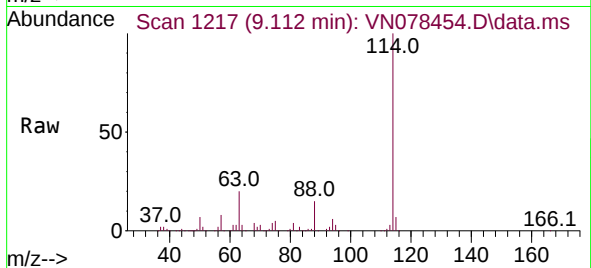
88 14.5 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.18 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

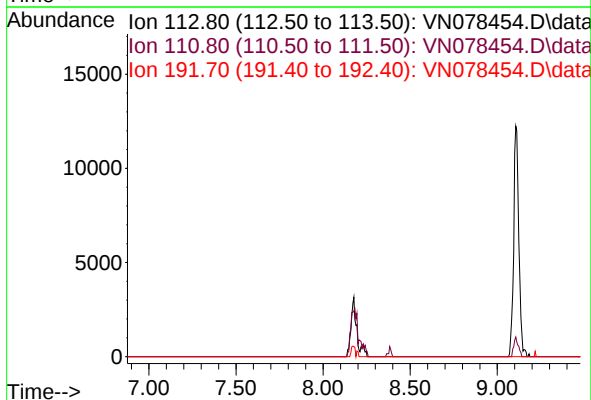
Tgt Ion: 113

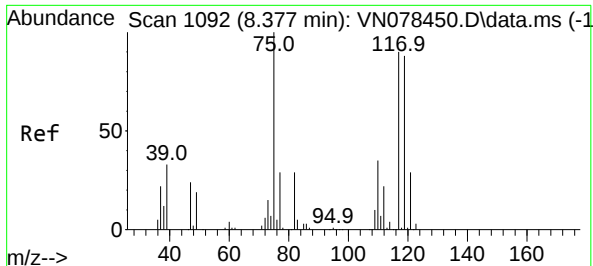
Sig Exp Ratio

113 100

111 103.2

192 15.9





#36

1,1-Dichloropropene

Concen: 1.050 ug/l

RT: 8.376 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

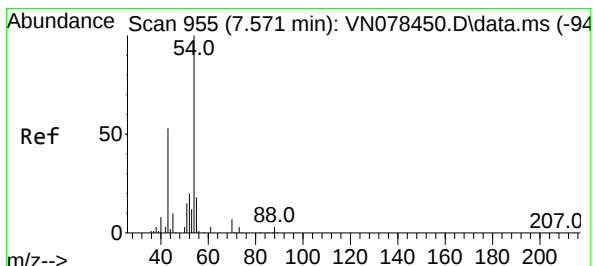
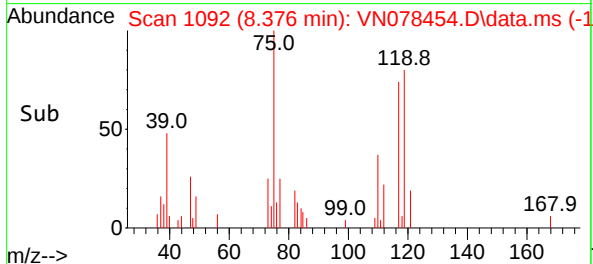
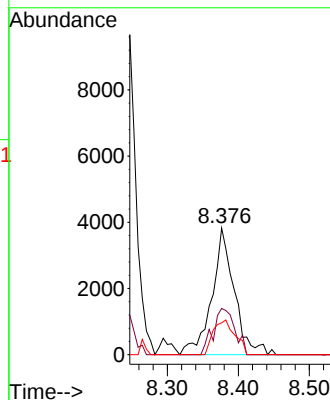
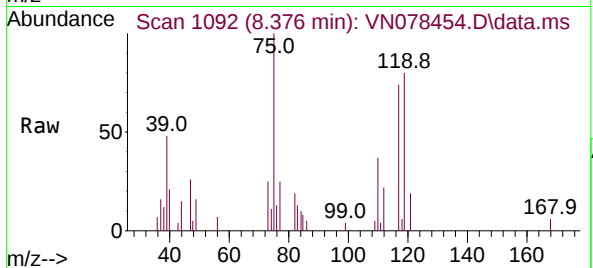
Tgt Ion:	75	Resp:	8420
Ion Ratio	Lower	Upper	
75	100		
110	35.2	19.1	57.3
77	26.5	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#37

Ethyl Acetate

Concen: 0.964 ug/l

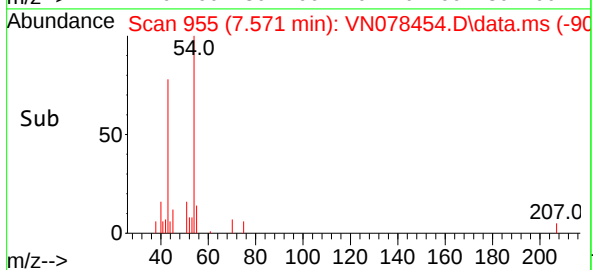
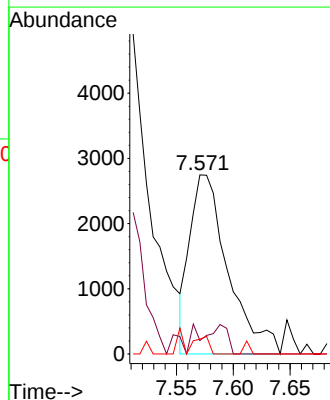
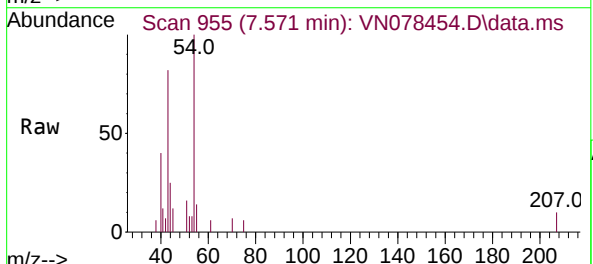
RT: 7.571 min Scan# 955

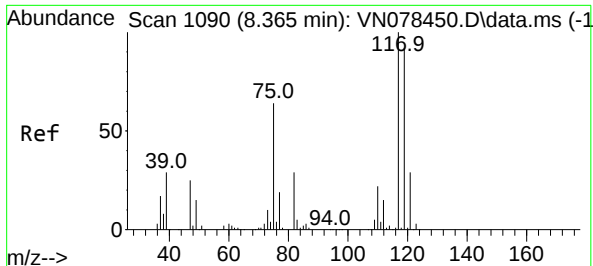
Delta R.T. -0.000 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

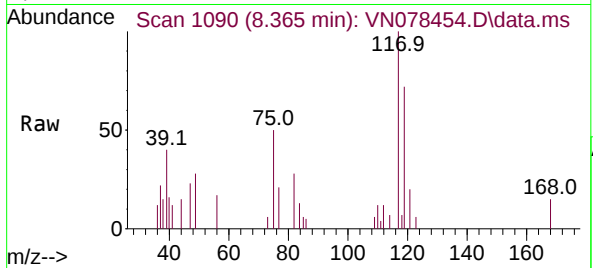
Tgt Ion:	43	Resp:	6447
Ion Ratio	Lower	Upper	
43	100		
61	6.3	13.2	19.8#
70	3.8	11.3	16.9#





#38
Carbon Tetrachloride
Concen: 1.011 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

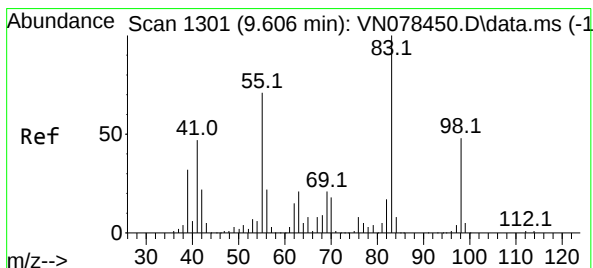
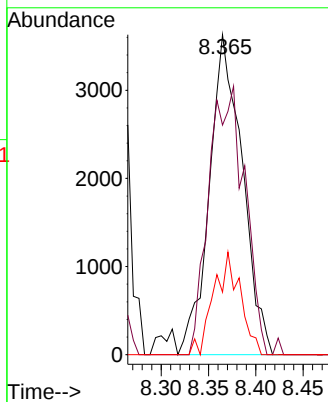
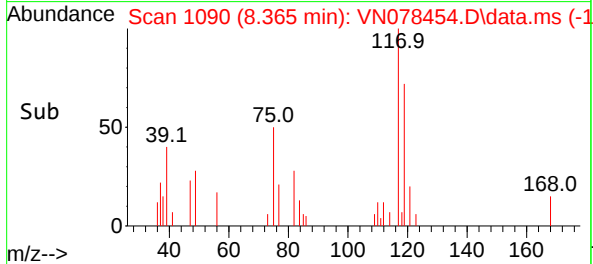
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



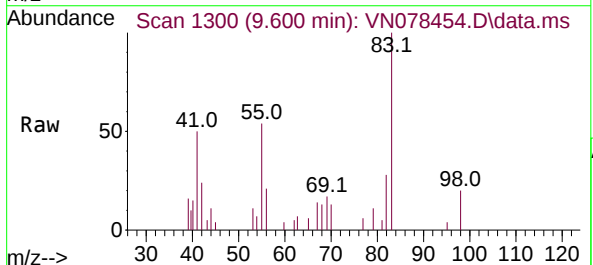
Tgt Ion: 117 Resp: 8814
Ion Ratio Lower Upper
117 100
119 71.8 77.3 115.9
121 19.6 23.3 34.9

Manual Integrations
APPROVED

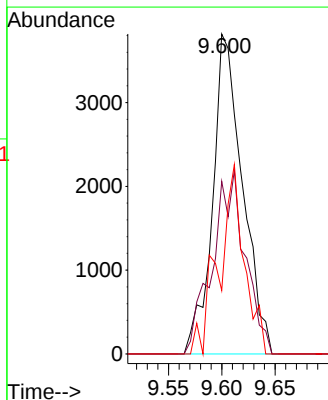
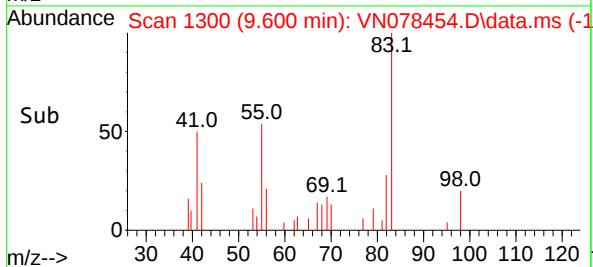
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

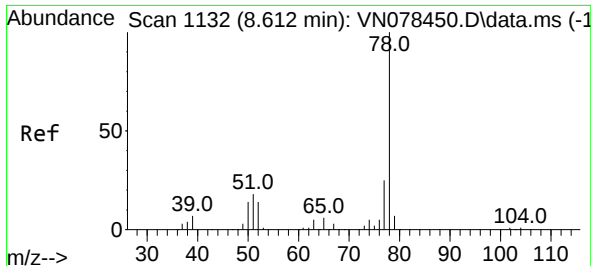


#39
Methylcyclohexane
Concen: 1.018 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



Tgt Ion: 83 Resp: 7452
Ion Ratio Lower Upper
83 100
55 53.9 49.1 73.7
98 19.8 40.6 61.0





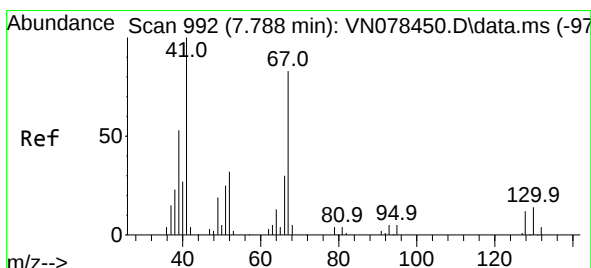
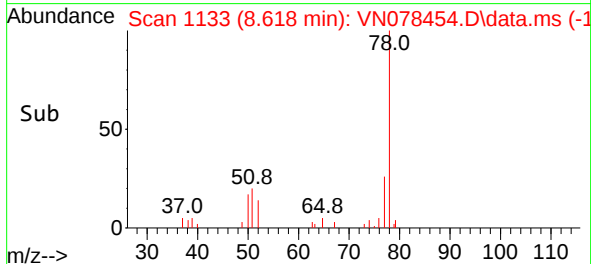
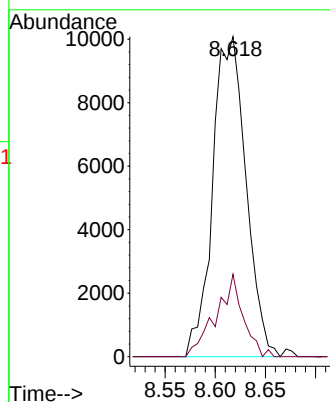
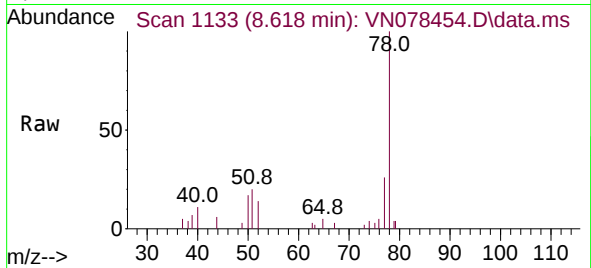
#40
Benzene
Concen: 0.978 ug/l
RT: 8.618 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 23229
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.6

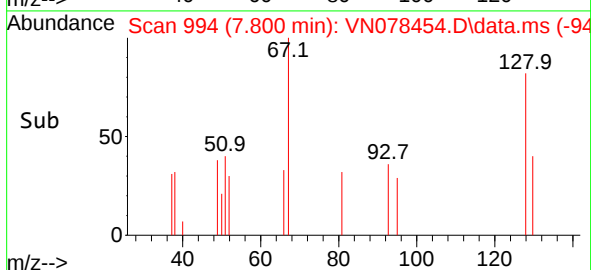
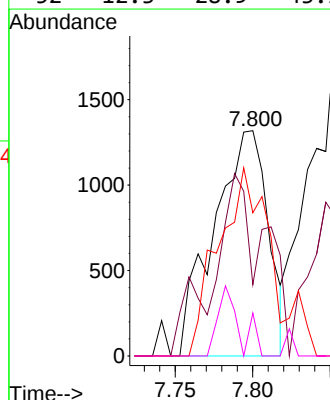
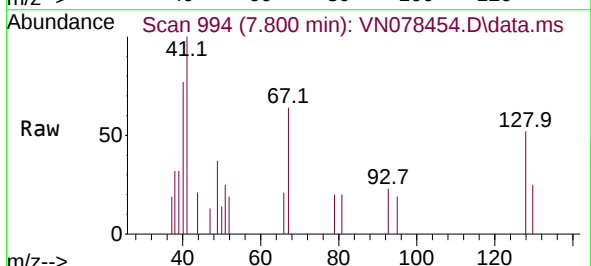
Manual Integrations
APPROVED

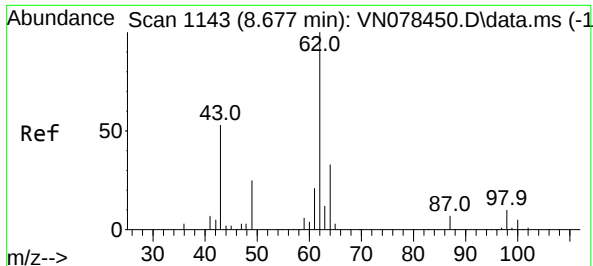
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#41
Methacrylonitrile
Concen: 0.945 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.012 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 41 Resp: 3220
Ion Ratio Lower Upper
41 100
39 33.1 42.6 64.0#
67 76.1 77.5 116.3#
52 12.3 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 1.057 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.011 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 854

Ion Ratio Lower Upper

62 100

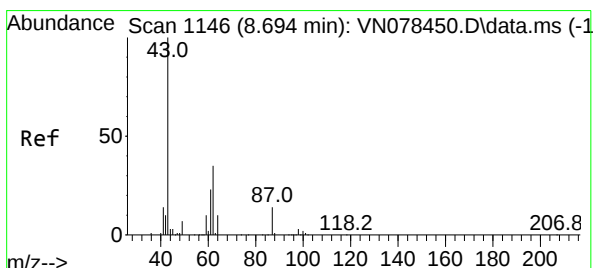
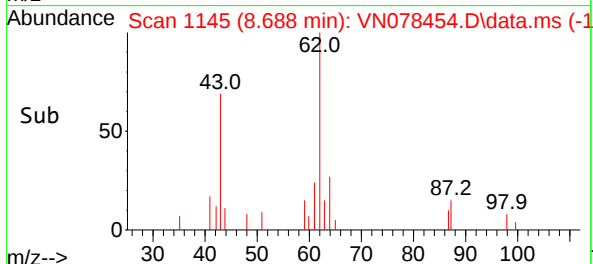
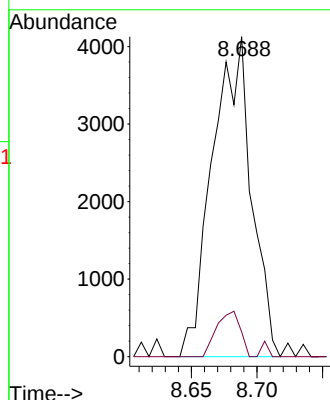
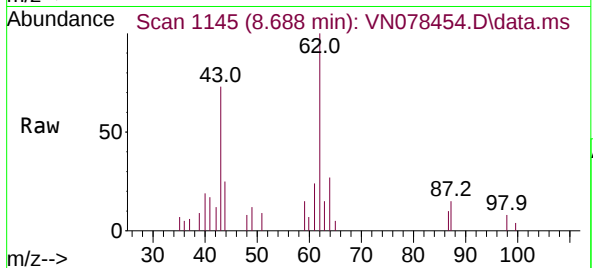
98 8.6 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#43

Isopropyl Acetate

Concen: 0.839 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

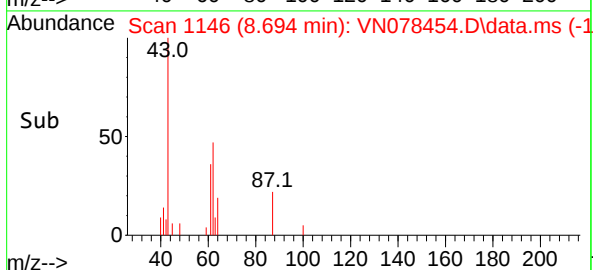
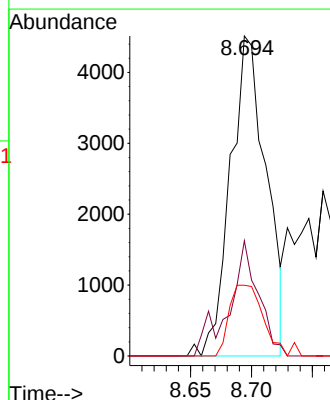
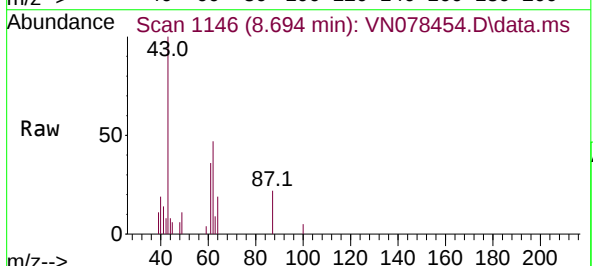
Tgt Ion: 43 Resp: 9229

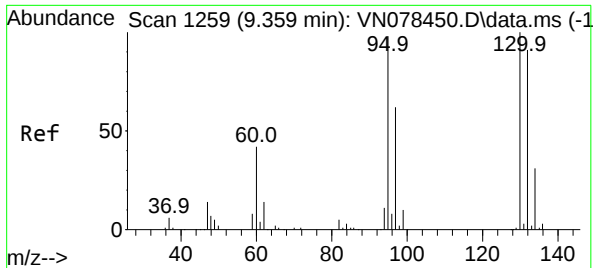
Ion Ratio Lower Upper

43 100

61 25.4 24.7 37.1

87 21.5 14.6 21.8





#44
Trichloroethene
Concen: 1.171 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

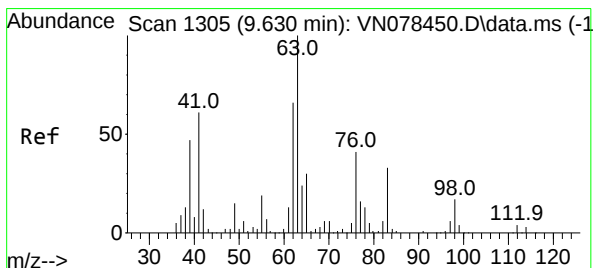
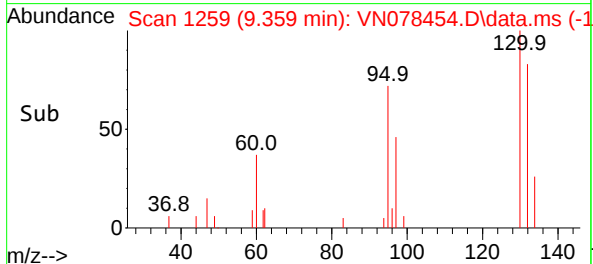
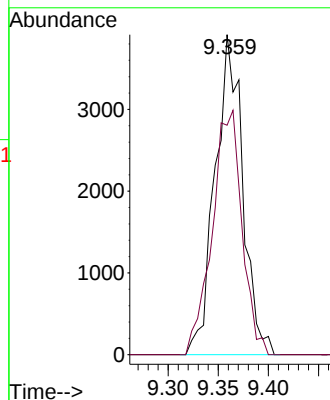
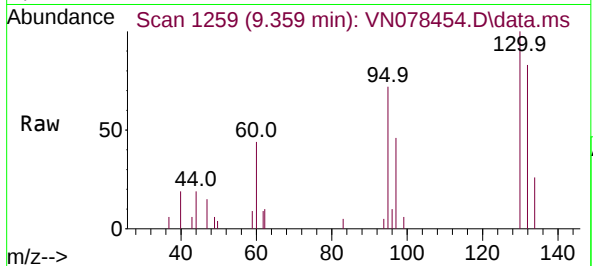
VSTDIC001

Tgt Ion:130 Resp: 749
Ion Ratio Lower Upper
130 100
95 71.7 0.0 204.6

Manual Integrations

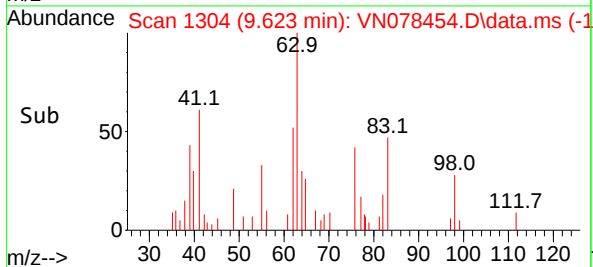
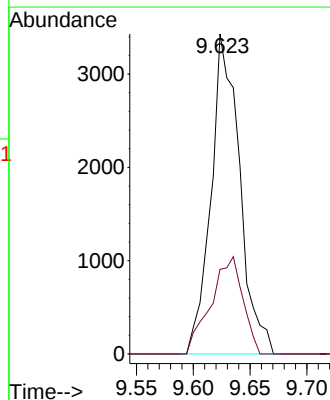
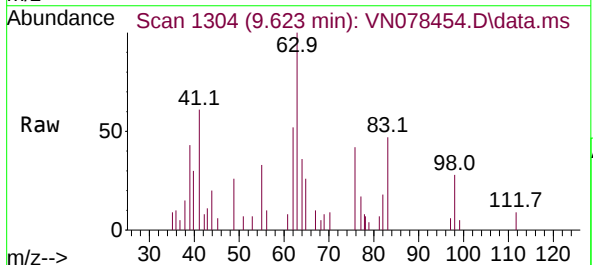
APPROVED

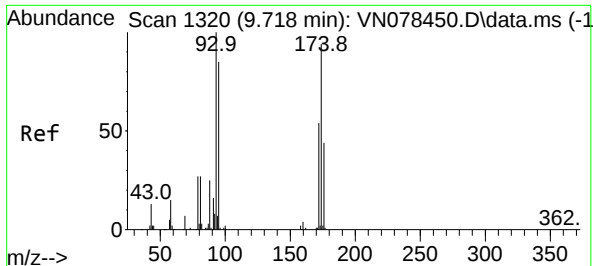
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#45
1,2-Dichloropropane
Concen: 0.999 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.007 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

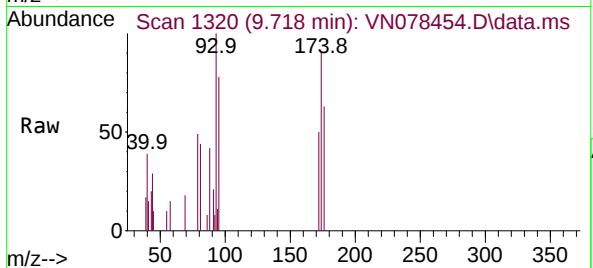
Tgt Ion: 63 Resp: 6009
Ion Ratio Lower Upper
63 100
65 26.4 23.9 35.9





#46
Dibromomethane
Concen: 0.942 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

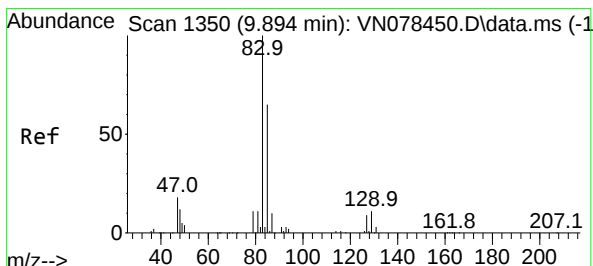
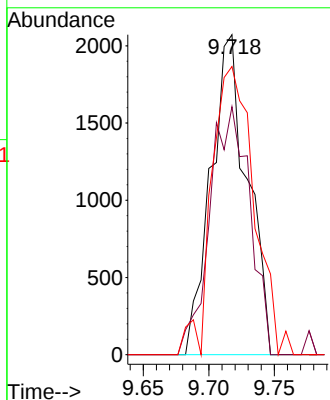
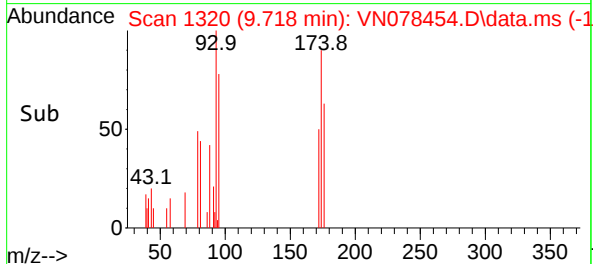
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



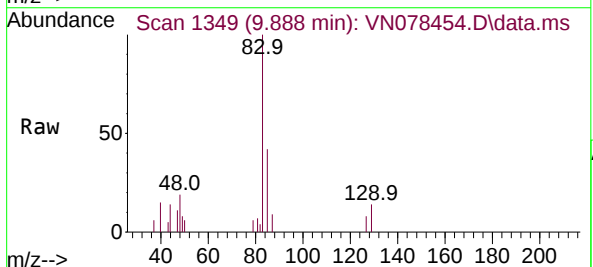
Tgt Ion: 93 Resp: 399
Ion Ratio Lower Upper
93 100
95 85.4 63.8 95.8
174 104.8 65.6 98.4

Manual Integrations
APPROVED

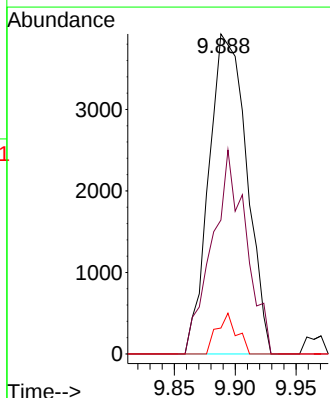
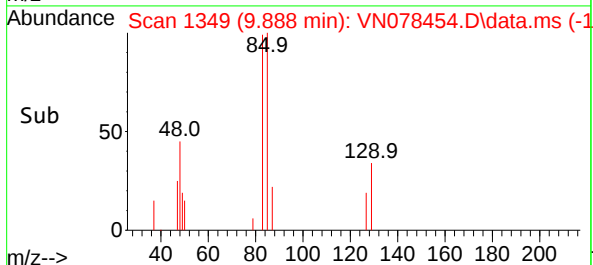
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

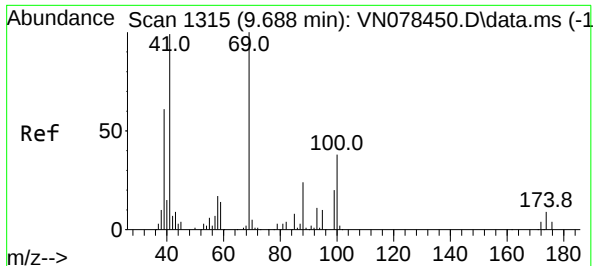


#47
Bromodichloromethane
Concen: 0.998 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



Tgt Ion: 83 Resp: 8476
Ion Ratio Lower Upper
83 100
85 41.8 49.6 74.4#
127 8.1 7.0 10.6





#48

Methyl methacrylate

Concen: 0.918 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 468

Ion Ratio Lower Upper

41 100

69 96.9 90.4 135.6

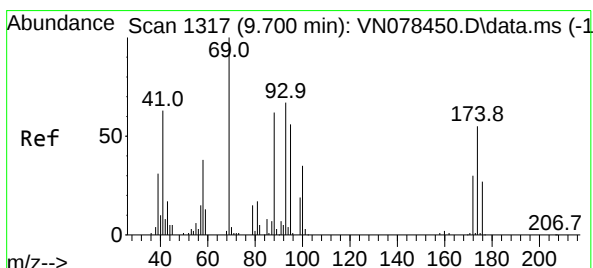
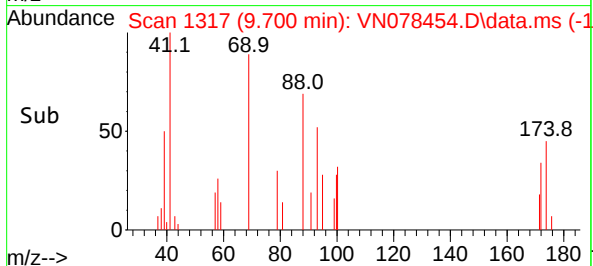
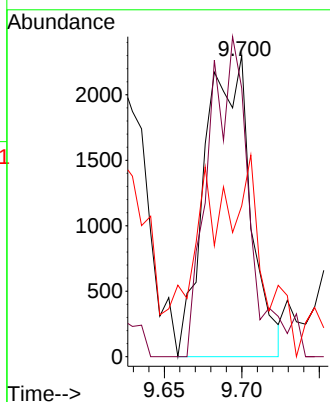
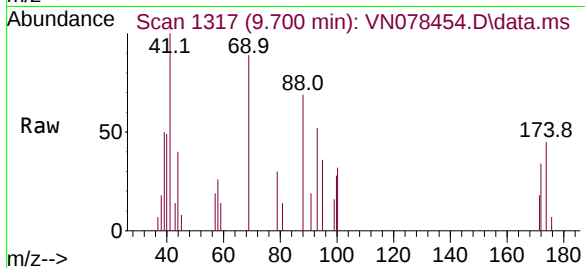
39 0.0 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#49

1,4-Dioxane

Concen: 20.972 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

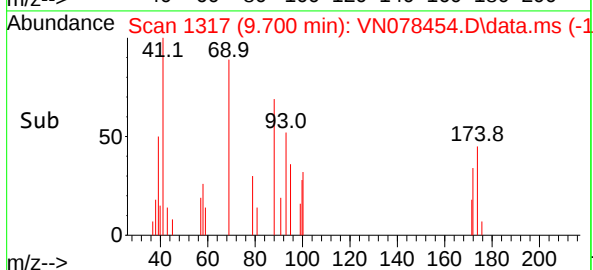
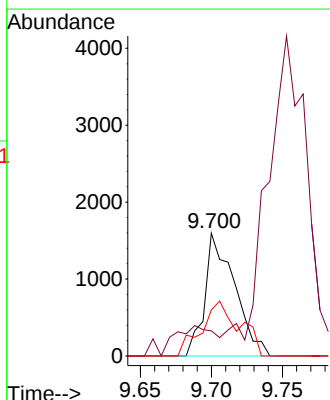
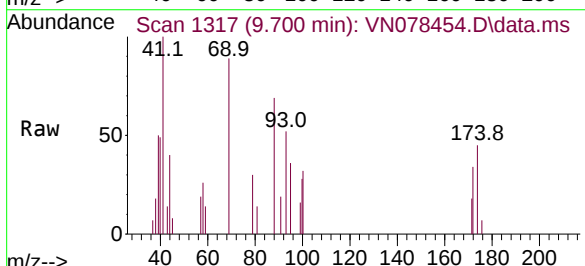
Tgt Ion: 88 Resp: 2332

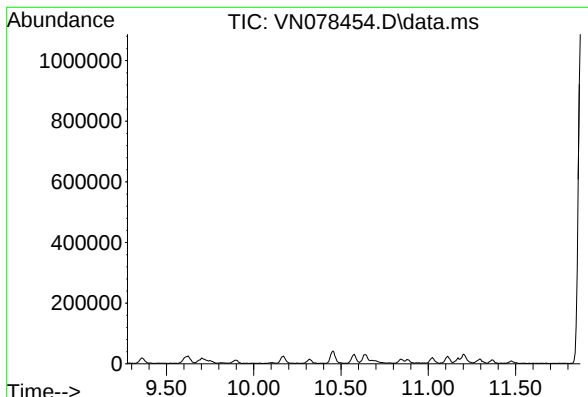
Ion Ratio Lower Upper

88 100

43 35.9 17.0 25.6

58 56.7 47.0 70.4





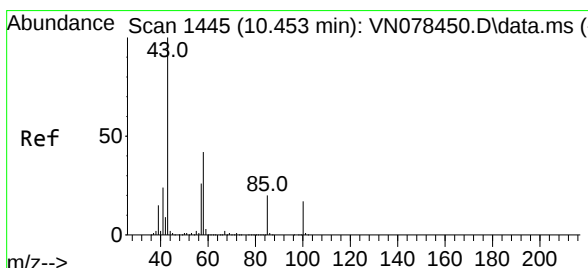
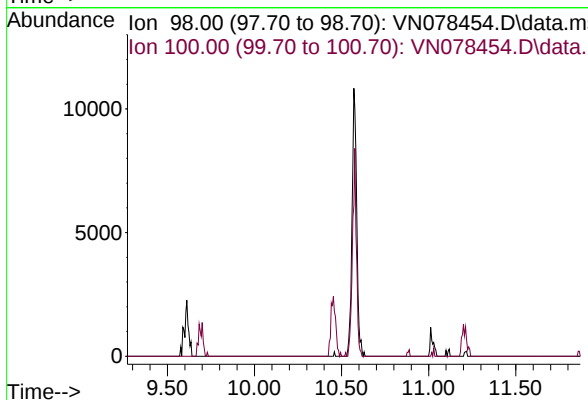
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.0

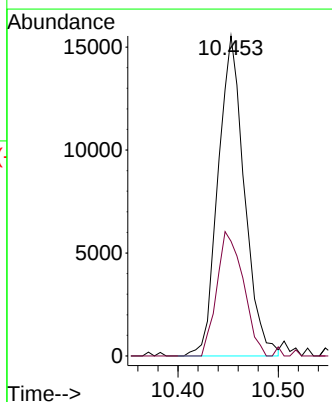
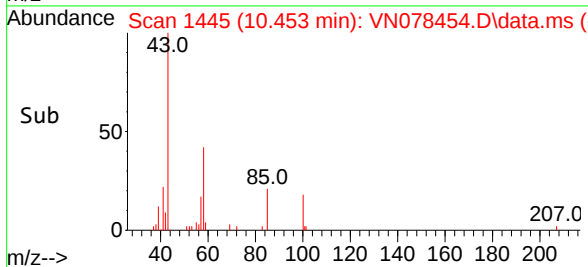
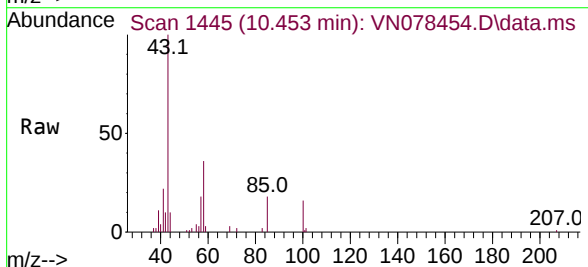
Manual Integrations
 APPROVED

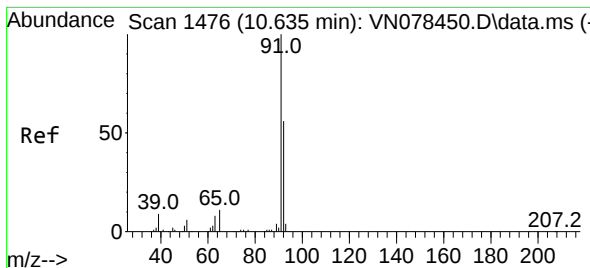
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.323 ug/l
 RT: 10.453 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

Tgt Ion: 43 Resp: 28299
 Ion Ratio Lower Upper
 43 100
 58 39.1 36.6 54.8





#52

Toluene

Concen: 0.983 ug/l

RT: 10.647 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 14474

Ion Ratio Lower Upper

92 100

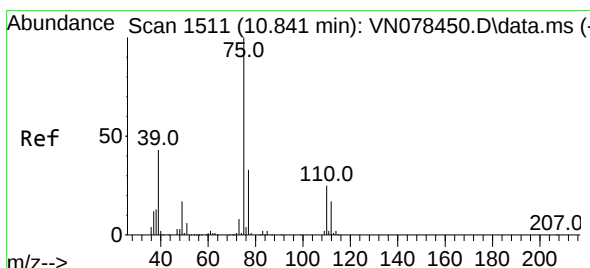
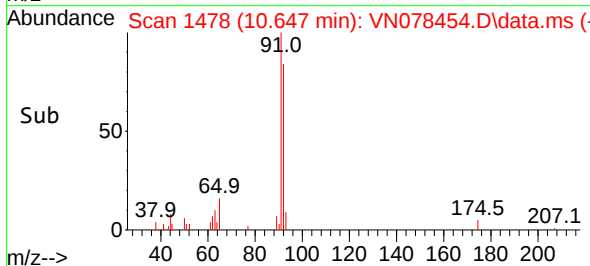
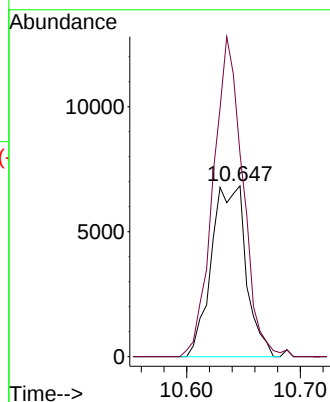
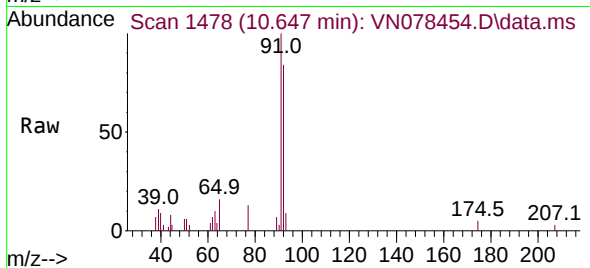
91 160.9 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#53

t-1,3-Dichloropropene

Concen: 0.895 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078454.D

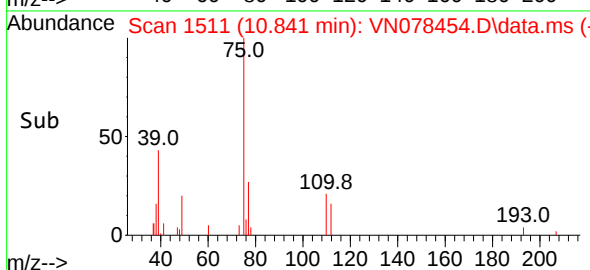
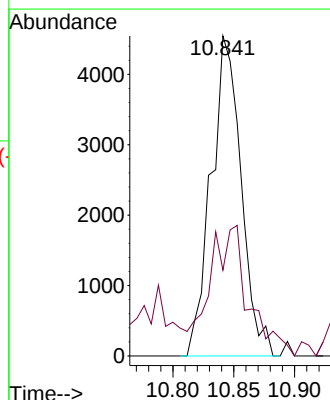
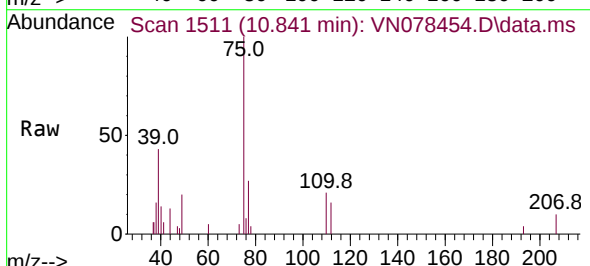
Acq: 10 Jul 2023 14:46

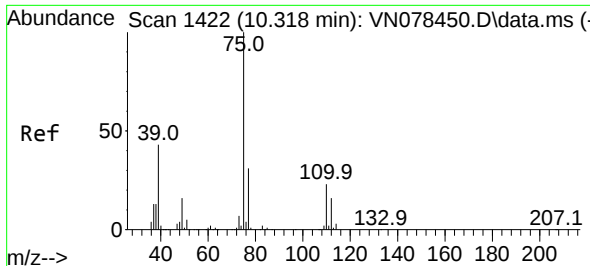
Tgt Ion: 75 Resp: 7787

Ion Ratio Lower Upper

75 100

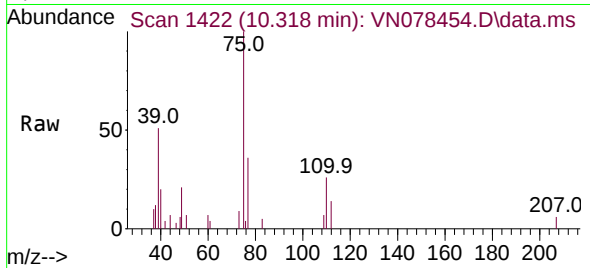
77 21.3 25.4 38.0#





#54
cis-1,3-Dichloropropene
Concen: 0.825 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

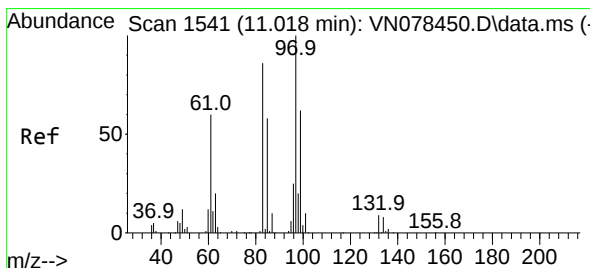
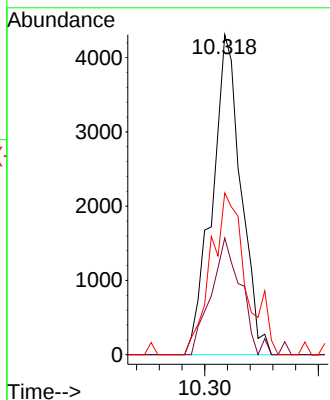
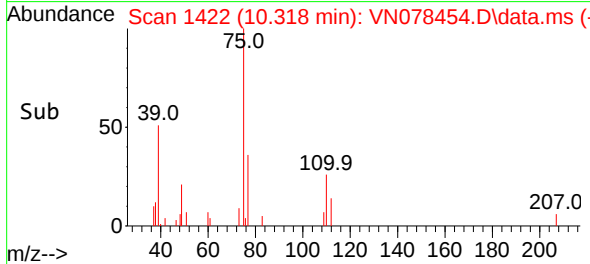
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 764
Ion Ratio Lower Upper
75 100
77 36.5 26.1 39.1
39 50.5 31.6 47.4

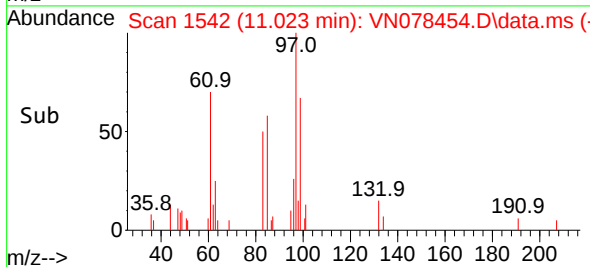
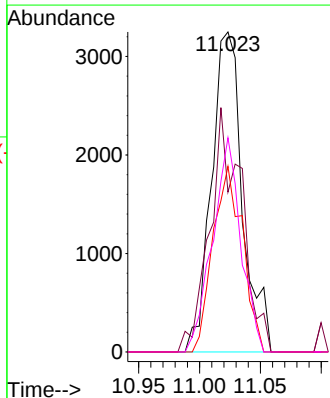
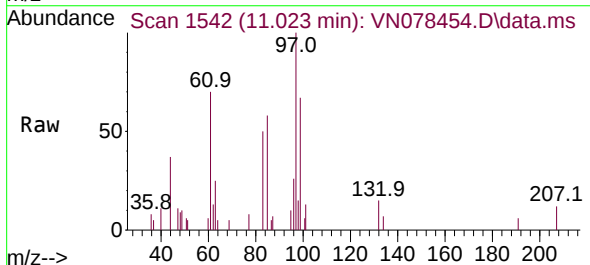
Manual Integrations
APPROVED

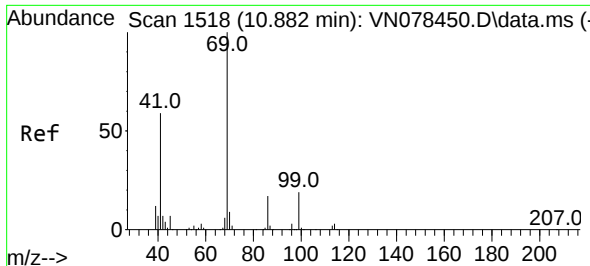
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#55
1,1,2-Trichloroethane
Concen: 0.995 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

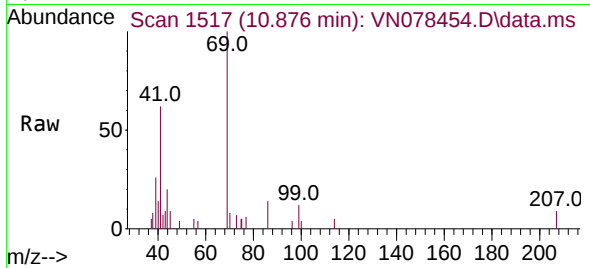
Tgt Ion: 97 Resp: 5774
Ion Ratio Lower Upper
97 100
83 50.0 65.1 97.7#
85 58.0 43.4 65.2
99 67.0 49.2 73.8





#56
Ethyl methacrylate
Concen: 0.871 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

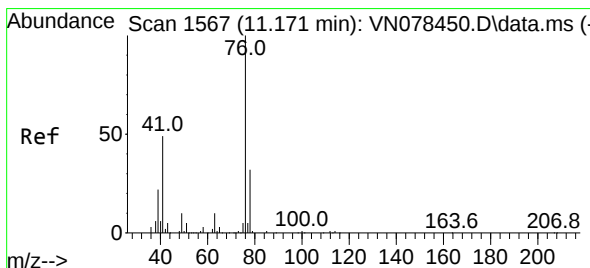
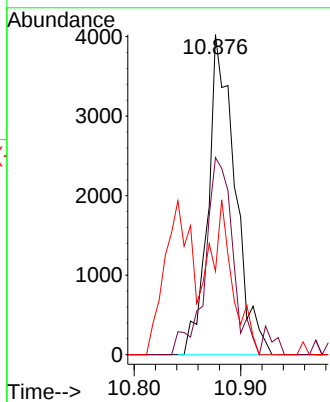
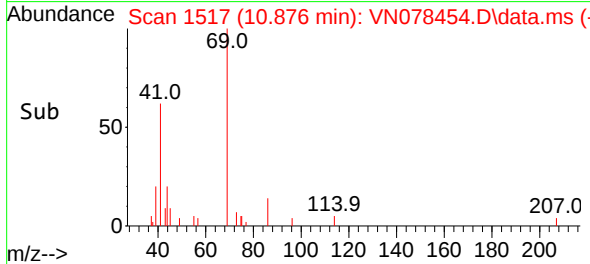
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 7060
Ion Ratio Lower Upper
69 100
41 63.1 39.6 59.4
39 37.7 28.6 43.0

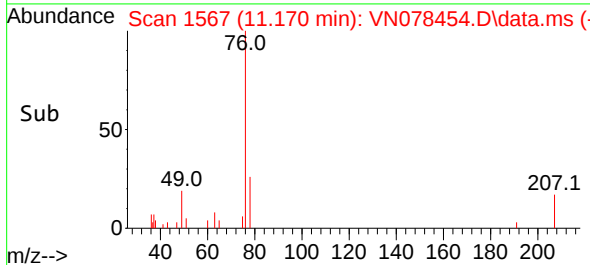
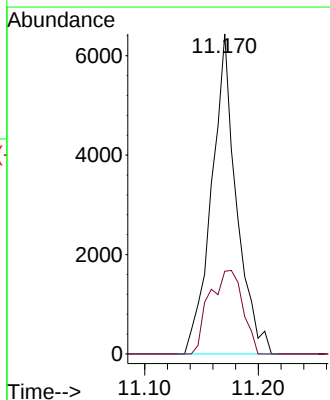
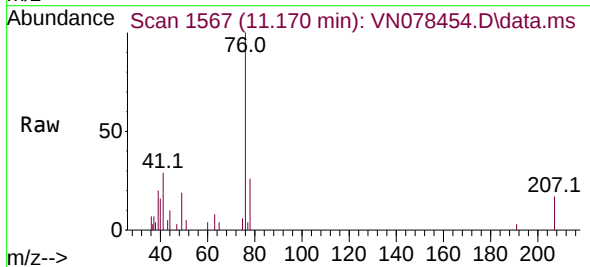
Manual Integrations
APPROVED

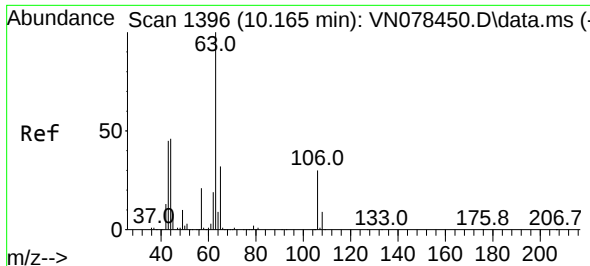
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#57
1,3-Dichloropropane
Concen: 0.992 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 76 Resp: 9790
Ion Ratio Lower Upper
76 100
78 35.0 26.1 39.1





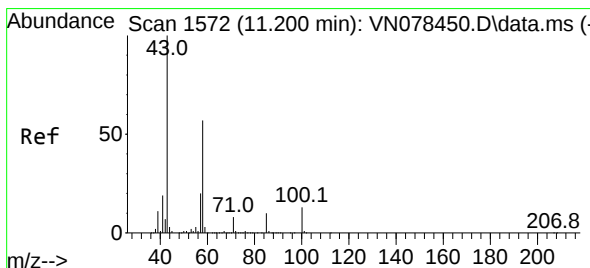
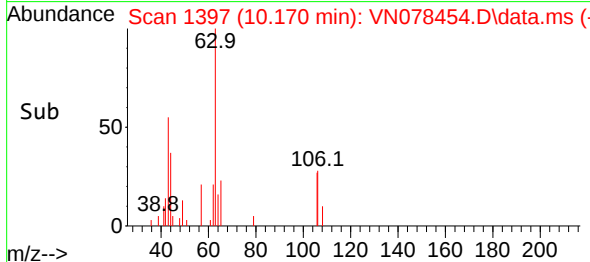
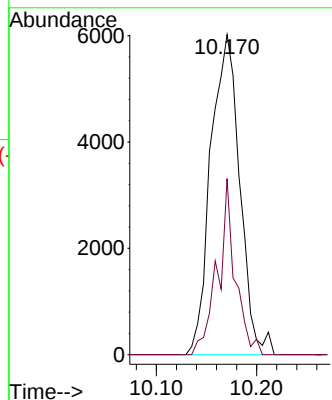
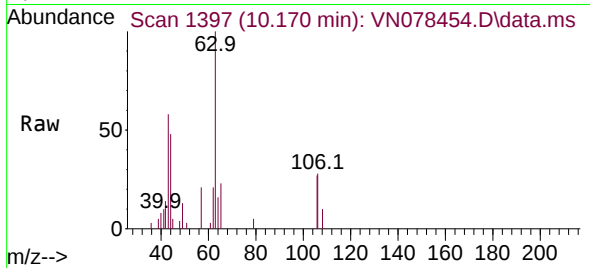
#58
2-Chloroethyl Vinyl ether
Concen: 4.188 ug/l
RT: 10.170 min Scan# 1397
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 12104
Ion Ratio Lower Upper
63 100
106 33.3 26.2 39.4

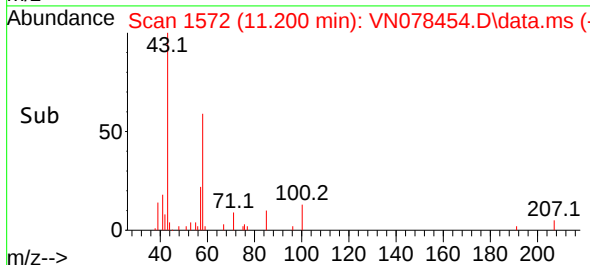
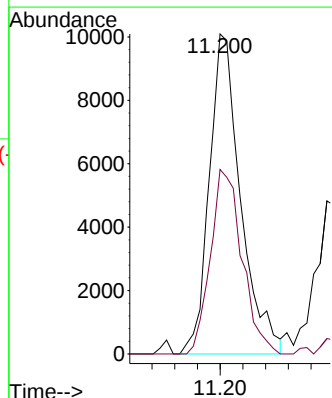
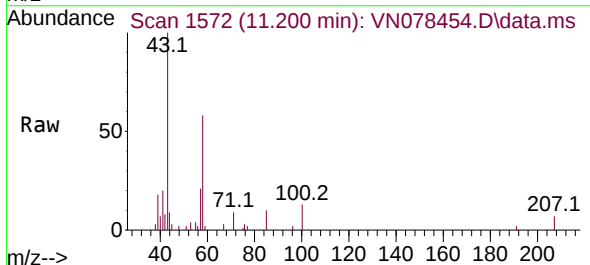
Manual Integrations
APPROVED

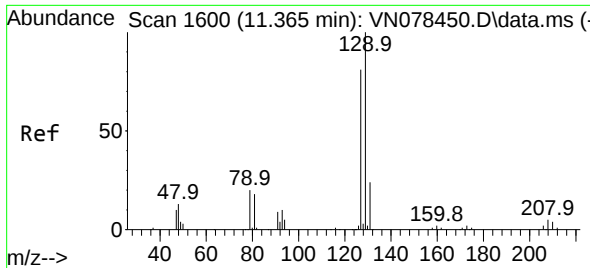
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#59
2-Hexanone
Concen: 4.164 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 43 Resp: 19374
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1





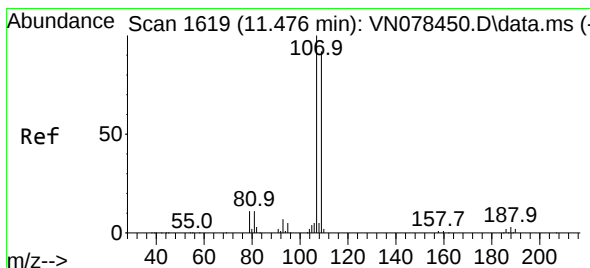
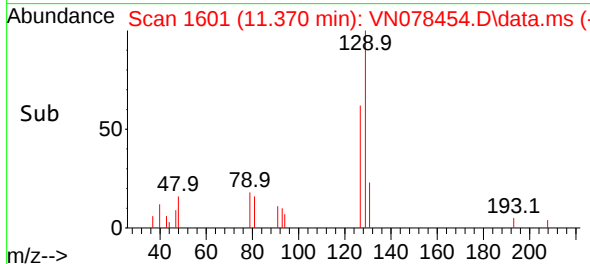
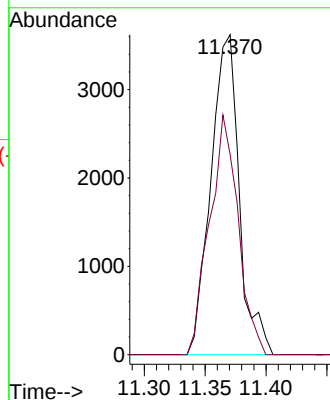
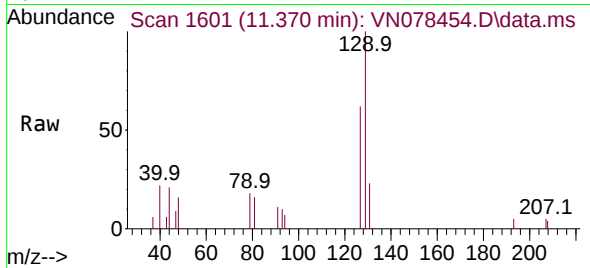
#60
Dibromochloromethane
Concen: 0.919 ug/l
RT: 11.370 min Scan# 1600
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 588
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0

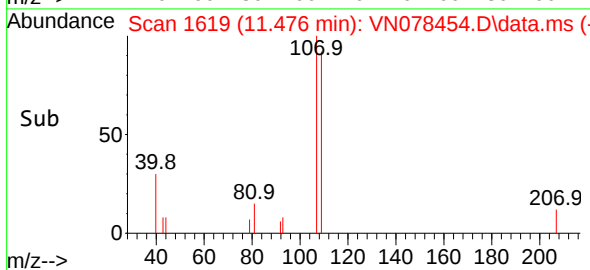
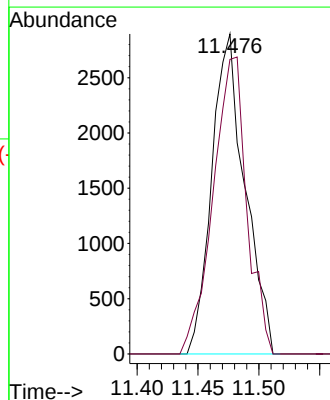
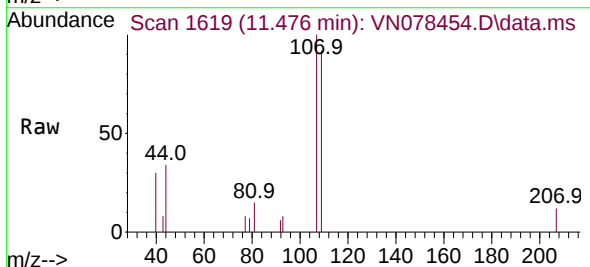
Manual Integrations
APPROVED

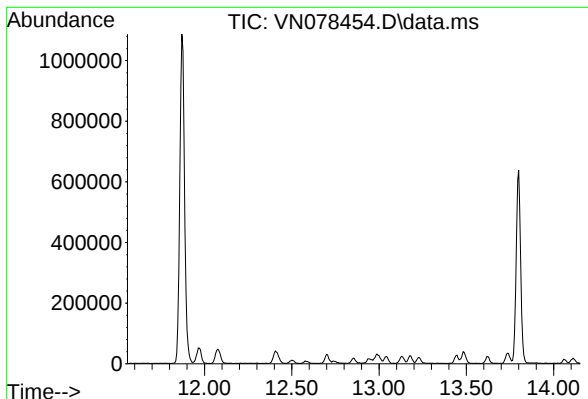
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#61
1,2-Dibromoethane
Concen: 0.918 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:107 Resp: 5487
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8





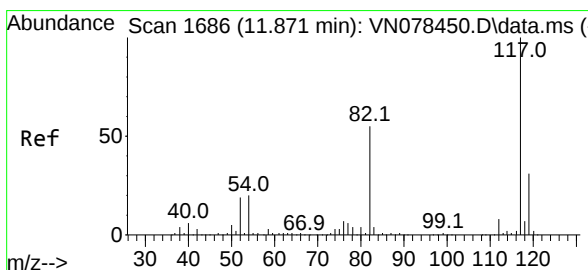
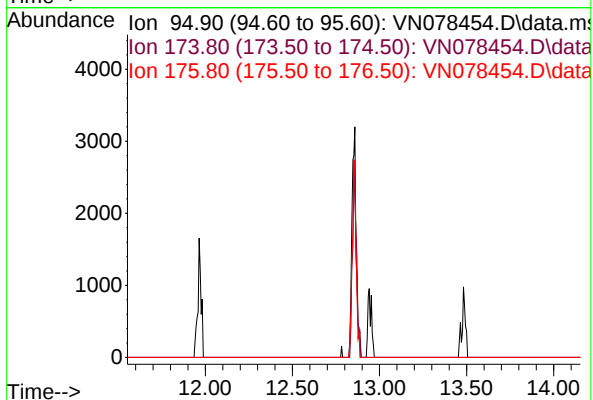
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

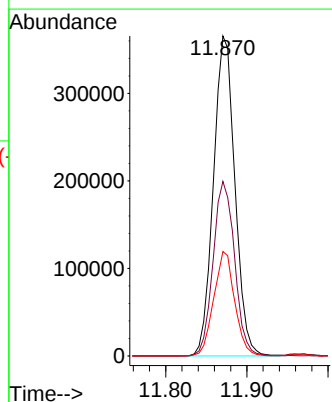
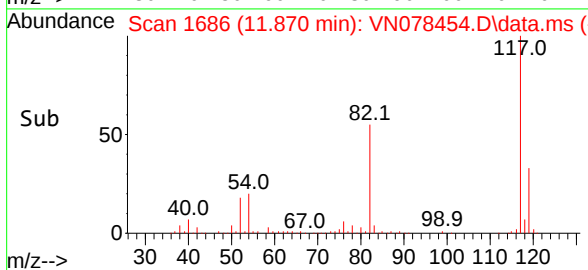
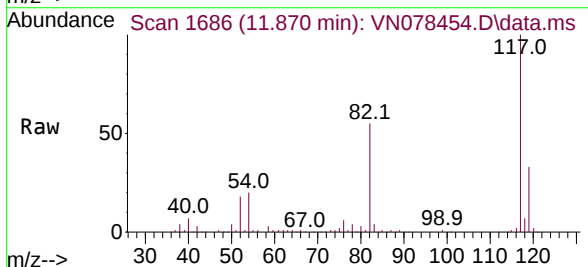
Manual Integrations
 APPROVED

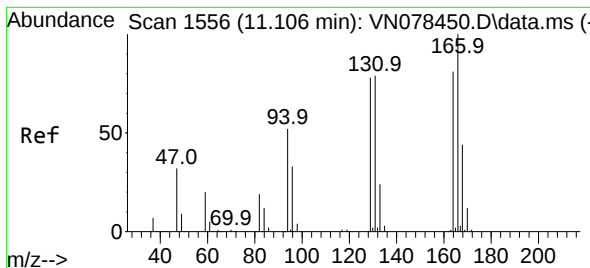
Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

Tgt Ion: 117 Resp: 672181
 Ion Ratio Lower Upper
 117 100
 82 54.5 44.0 66.0
 119 32.6 25.6 38.4





#64

Tetrachloroethene

Concen: 0.905 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 4574

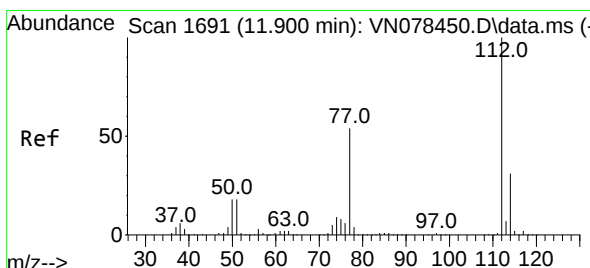
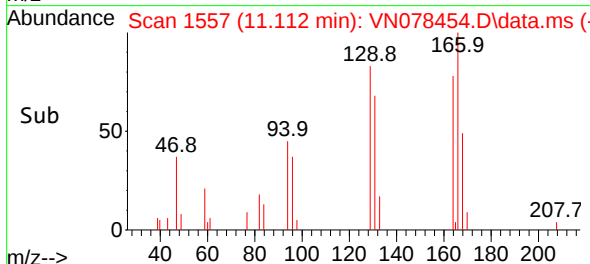
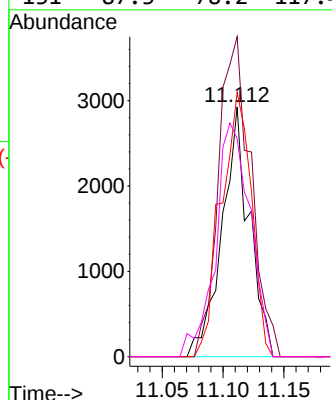
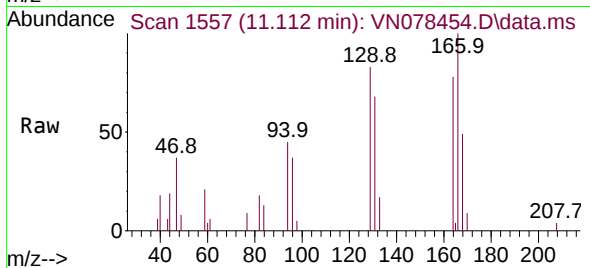
Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.4	152.0
129	105.8	82.4	123.6
131	87.3	78.2	117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#65

Chlorobenzene

Concen: 1.022 ug/l

RT: 11.894 min Scan# 1690

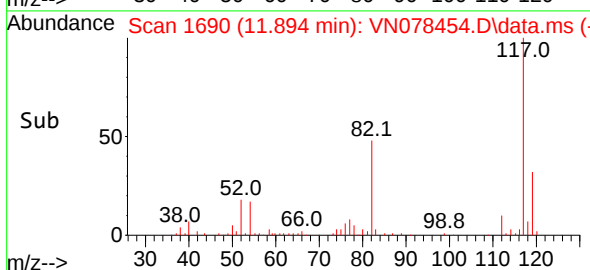
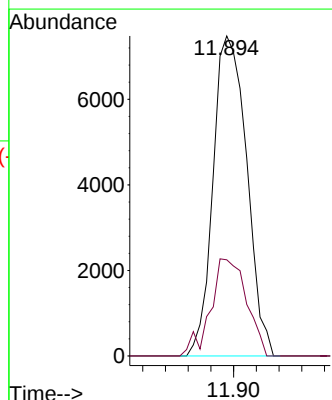
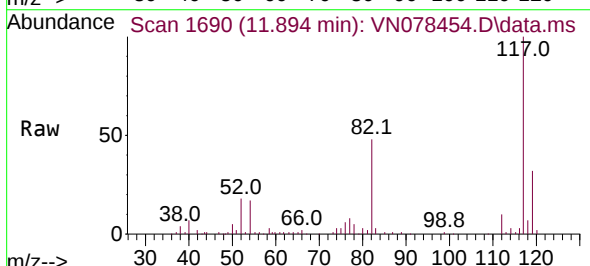
Delta R.T. -0.006 min

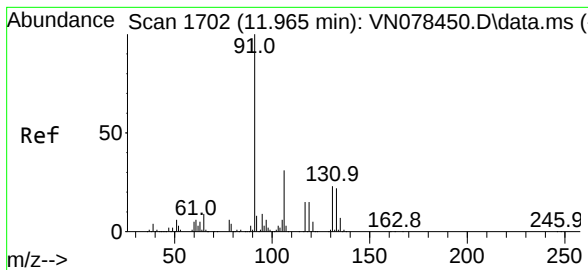
Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Tgt Ion:112 Resp: 15354

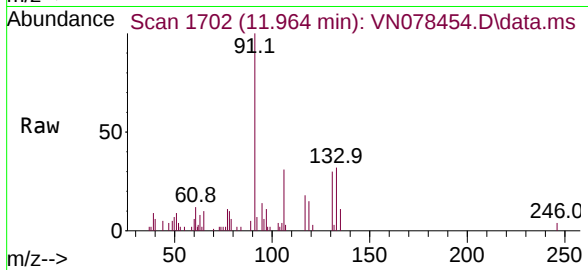
Ion	Ratio	Lower	Upper
112	100		
114	30.1	25.0	37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 1.014 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

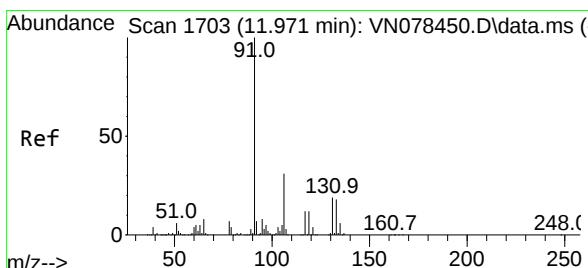
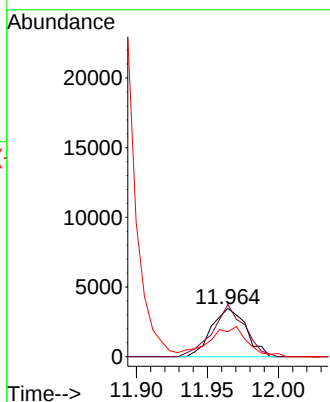
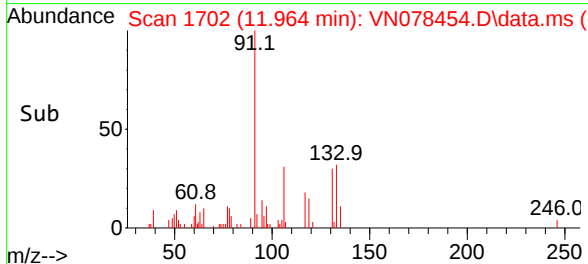
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



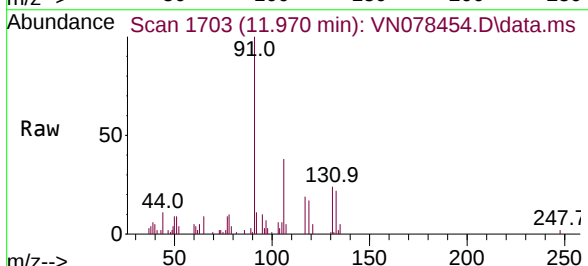
Tgt Ion:131 Resp: 5862
Ion Ratio Lower Upper
131 100
133 100.2 46.4 139.1
119 0.0 34.1 102.2

Manual Integrations
APPROVED

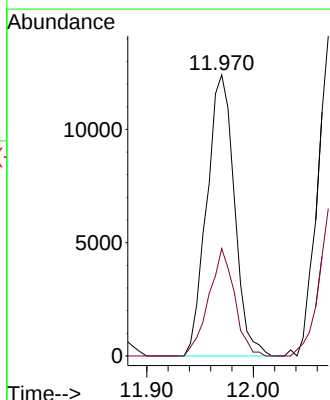
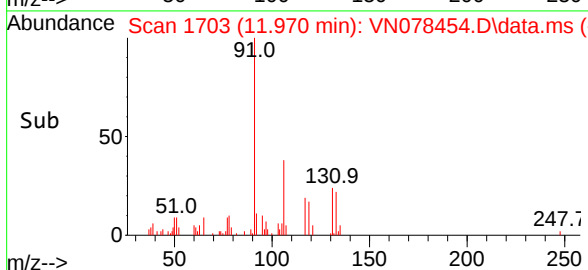
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

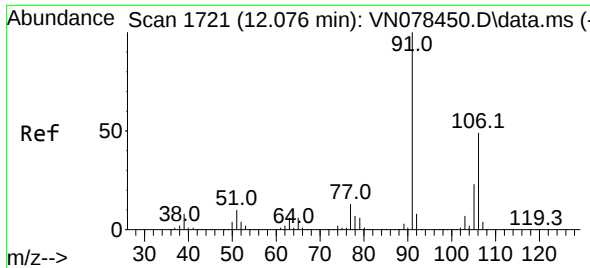


#67
Ethyl Benzene
Concen: 0.880 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



Tgt Ion: 91 Resp: 22338
Ion Ratio Lower Upper
91 100
106 38.2 25.6 38.4





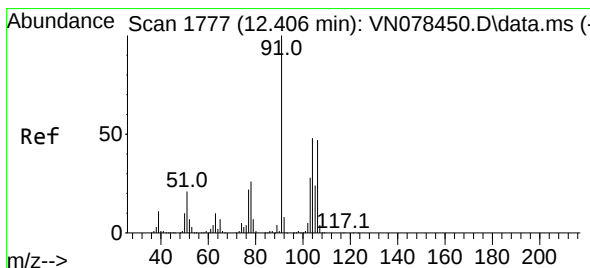
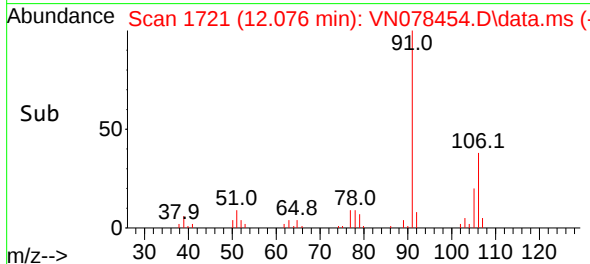
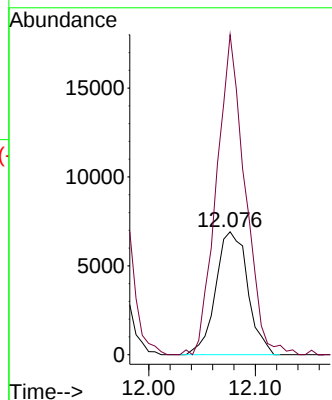
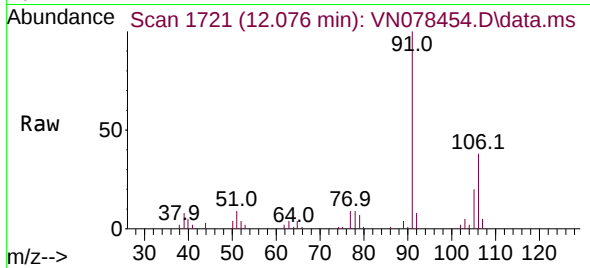
#68
m/p-Xylenes
Concen: 1.534 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 14400
Ion Ratio Lower Upper
106 100
91 232.9 159.6 239.4

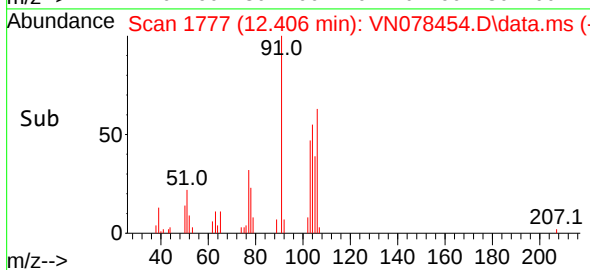
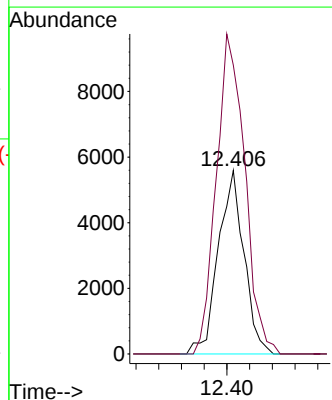
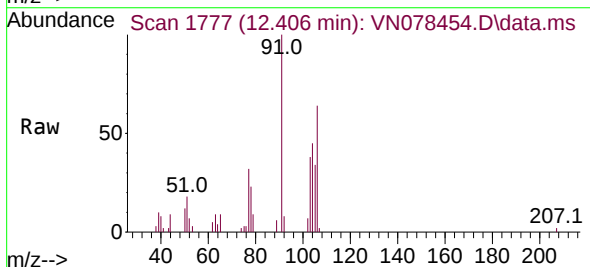
Manual Integrations
APPROVED

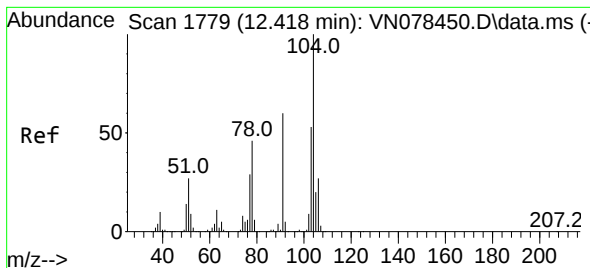
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#69
o-Xylene
Concen: 0.928 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:106 Resp: 8798
Ion Ratio Lower Upper
106 100
91 193.1 105.2 315.5





#70

Styrene

Concen: 0.785 ug/l

RT: 12.417 min Scan# 11654

Delta R.T. -0.001 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

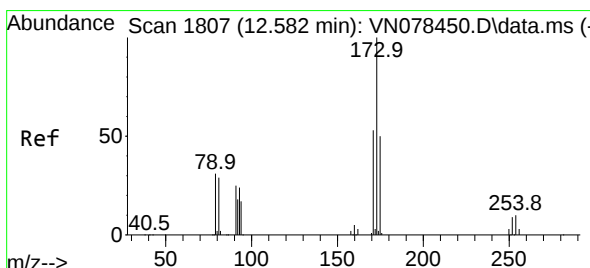
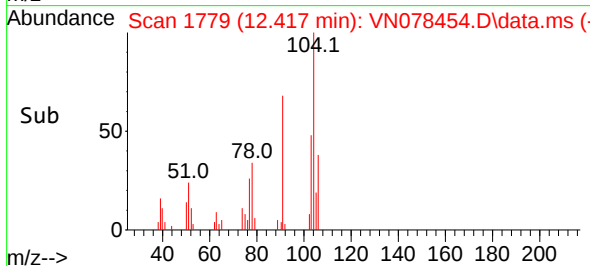
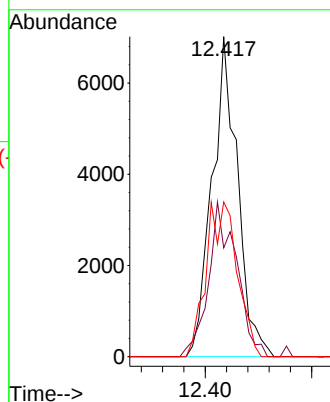
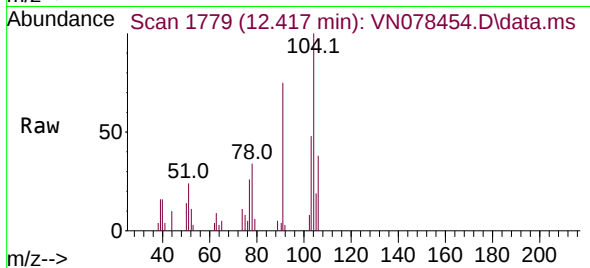
Tgt Ion:104	Resp:	11654
Ion Ratio	Lower	Upper
104	100	
78	52.9	39.5 59.3
103	58.8	43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#71

Bromoform

Concen: 0.810 ug/l

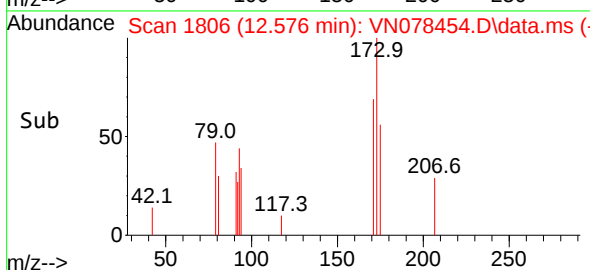
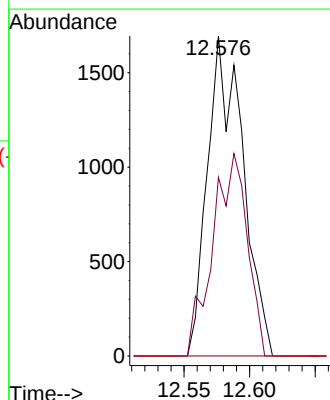
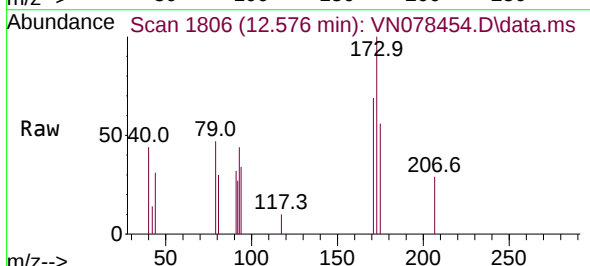
RT: 12.576 min Scan# 1806

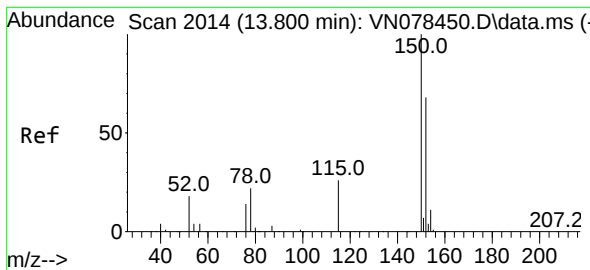
Delta R.T. -0.006 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

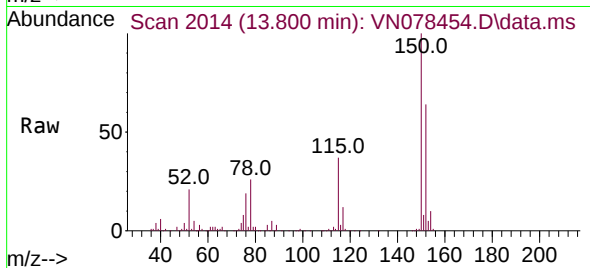
Tgt Ion:173	Resp:	3172
Ion Ratio	Lower	Upper
173	100	
175	61.9	24.3 73.0
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

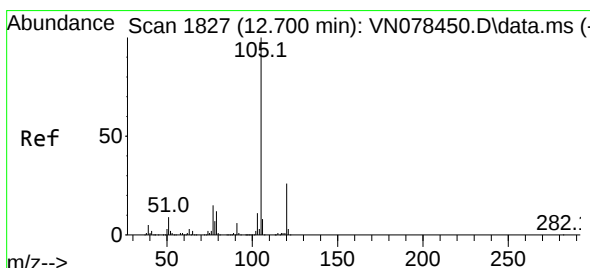
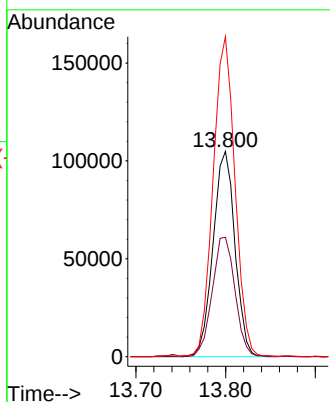
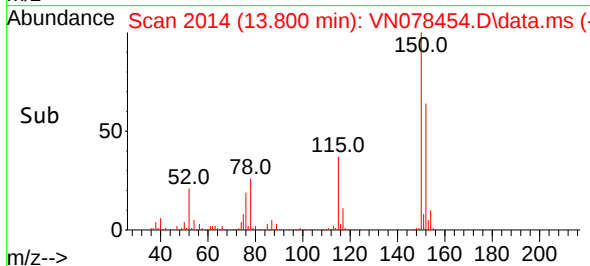
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



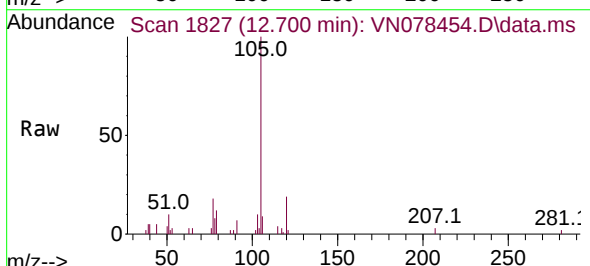
Tgt Ion:152 Resp: 177944
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 154.8 0.0 355.8

Manual Integrations
APPROVED

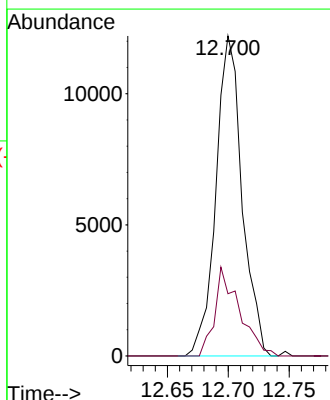
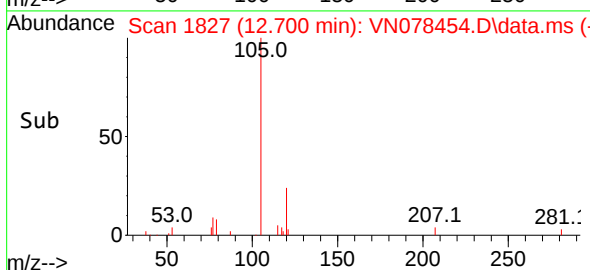
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

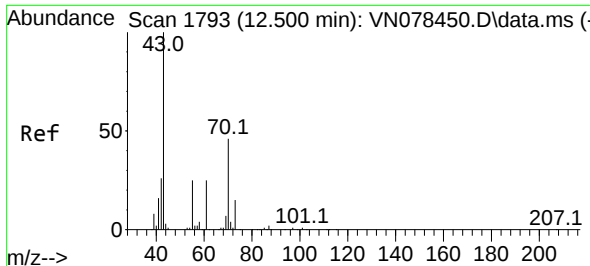


#73
Isopropylbenzene
Concen: 1.094 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



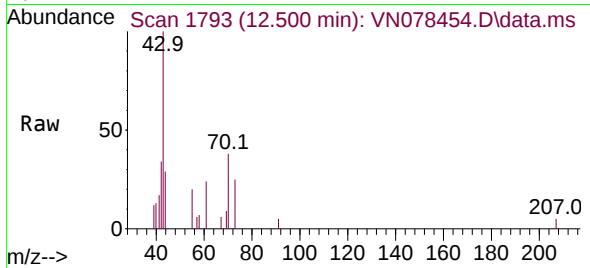
Tgt Ion:105 Resp: 18287
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





#74
N-amy1 acetate
Concen: 1.047 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

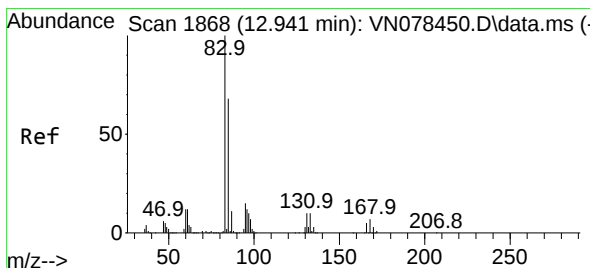
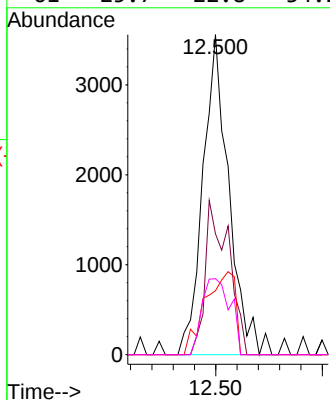
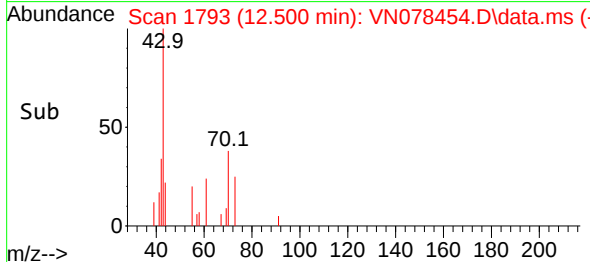
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



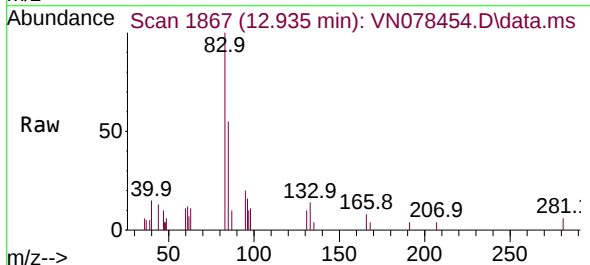
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
70 43.4 43.4 65.2
55 29.9 21.4 32.0
61 25.7 22.8 34.2

Manual Integrations
APPROVED

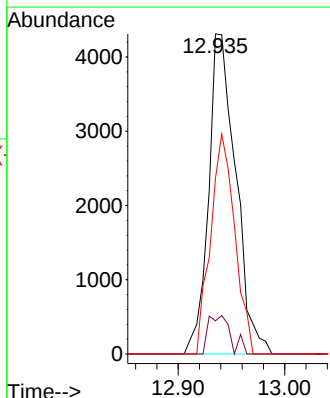
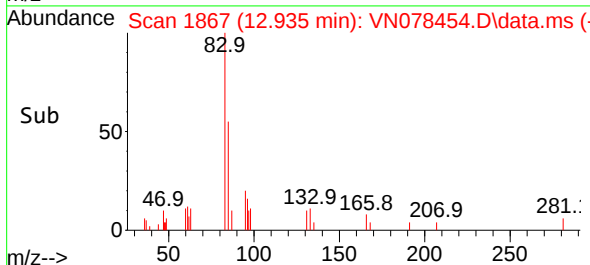
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

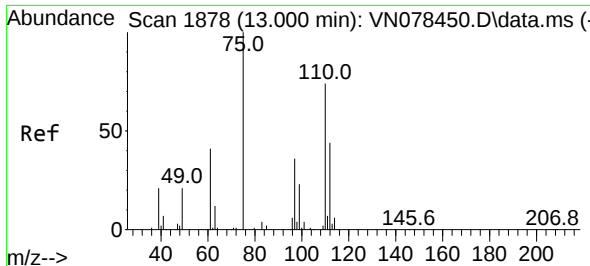


#75
1,1,2,2-Tetrachloroethane
Concen: 1.357 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



Tgt Ion: 83 Resp: 7660
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 60.7 31.9 95.7





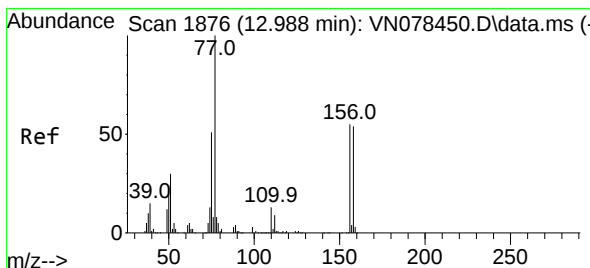
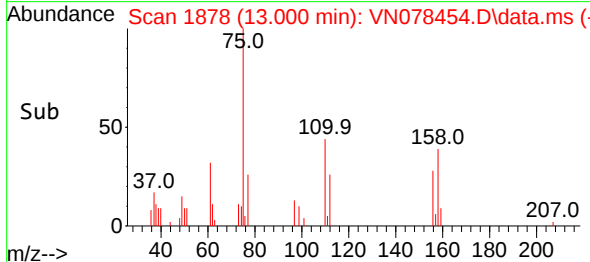
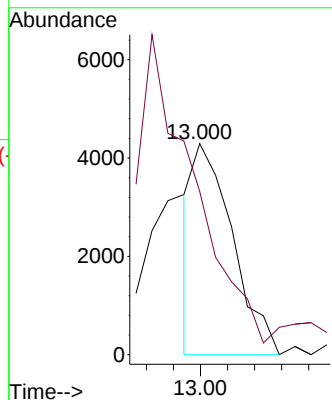
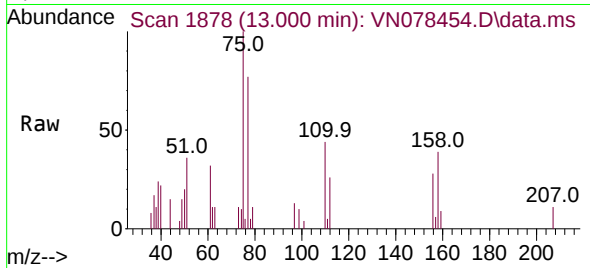
#76
1,2,3-Trichloropropane
Concen: 1.012 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4348
Ion Ratio Lower Upper
75 100
77 260.4 84.5 253.5

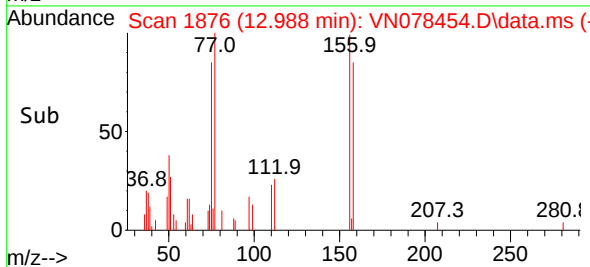
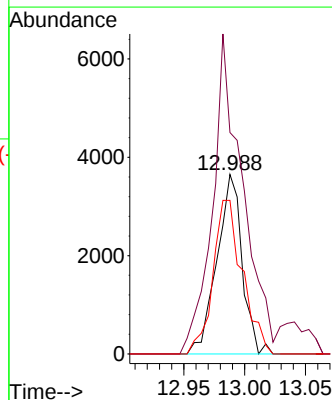
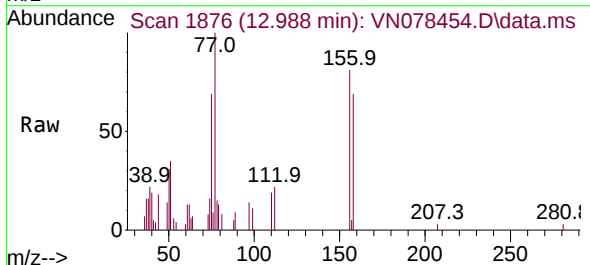
Manual Integrations
APPROVED

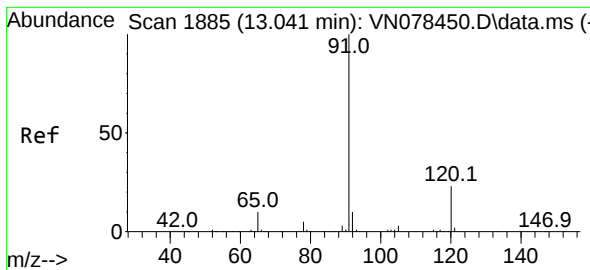
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#77
Bromobenzene
Concen: 1.279 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:156 Resp: 5251
Ion Ratio Lower Upper
156 100
77 215.6 107.7 323.3
158 99.9 48.4 145.3





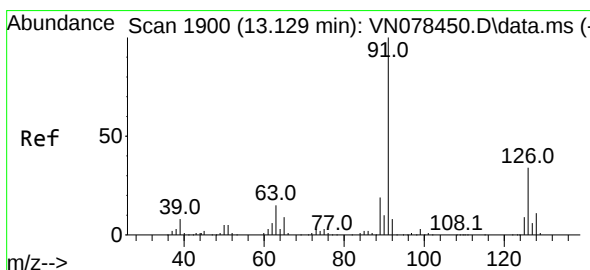
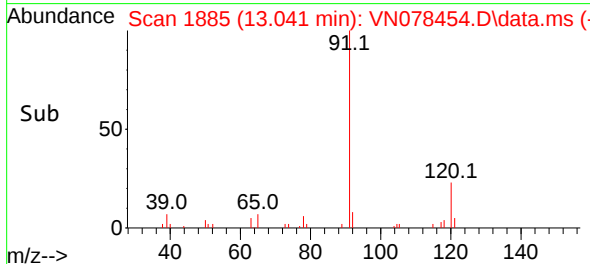
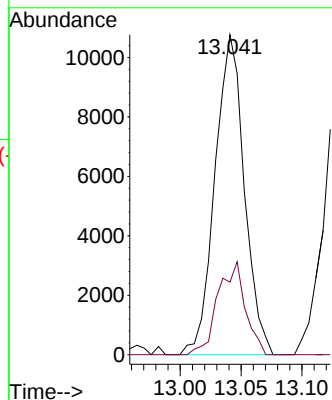
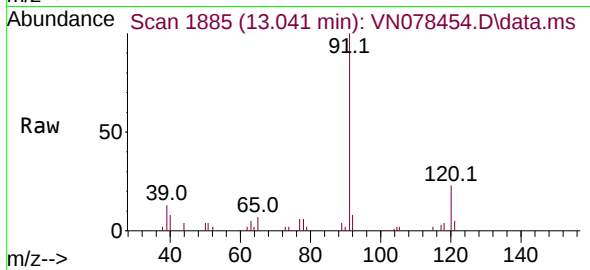
#78
n-propylbenzene
Concen: 1.010 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 1806
Ion Ratio Lower Upper
91 100
120 27.1 11.5 34.4

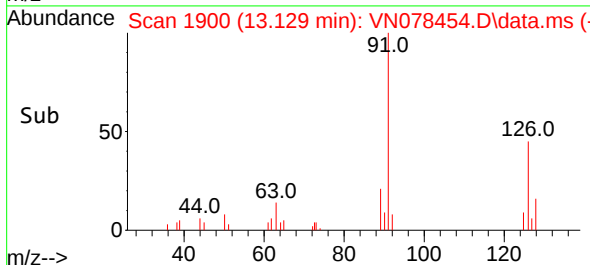
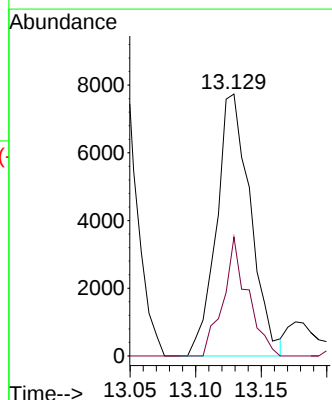
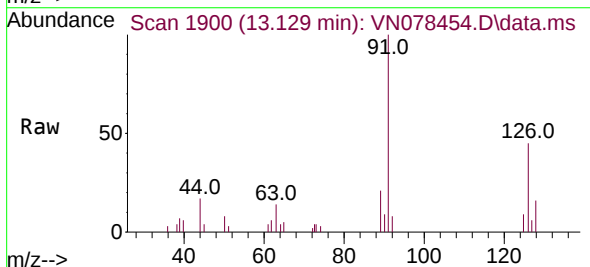
Manual Integrations
APPROVED

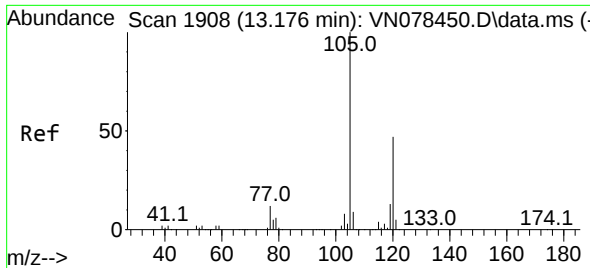
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#79
2-Chlorotoluene
Concen: 1.189 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

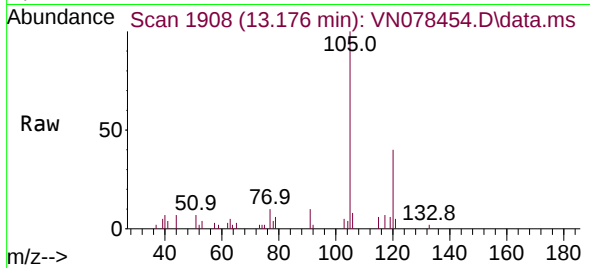
Tgt Ion: 91 Resp: 13932
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 1.062 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

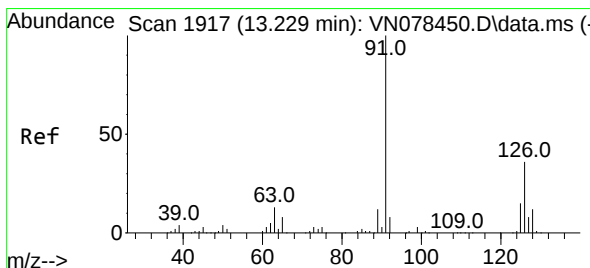
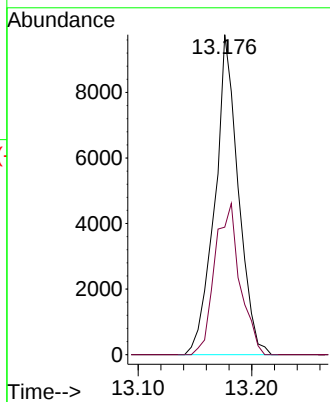
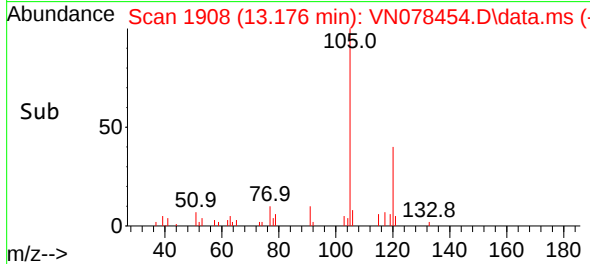
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



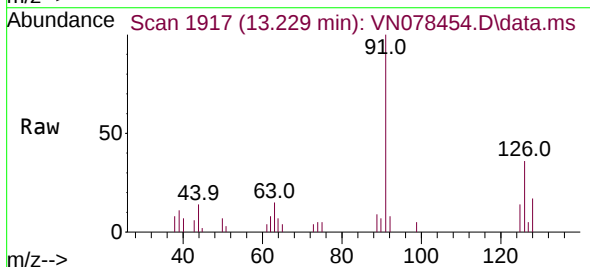
Tgt Ion:105 Resp: 1402
Ion Ratio Lower Upper
105 100
120 50.6 24.1 72.3

Manual Integrations
APPROVED

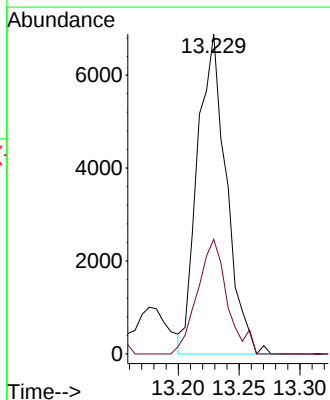
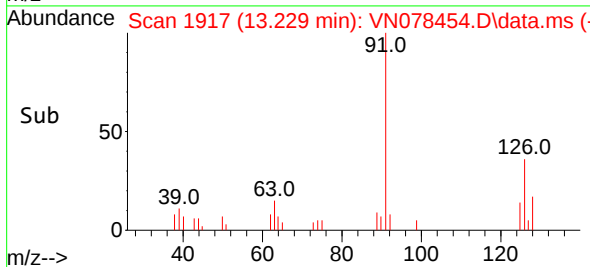
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

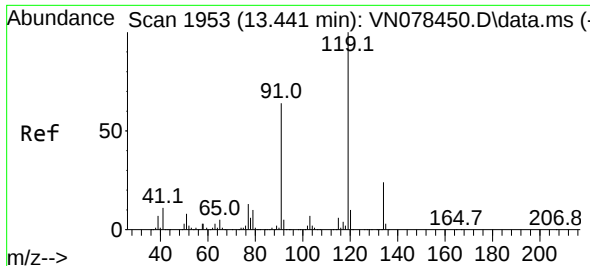


#82
4-Chlorotoluene
Concen: 1.037 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



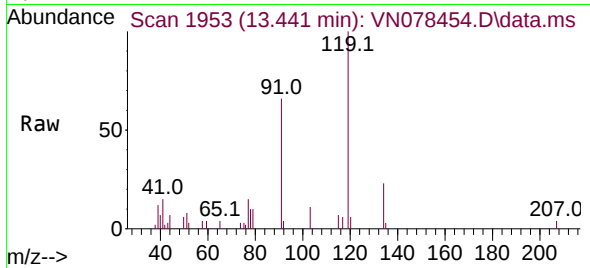
Tgt Ion: 91 Resp: 11336
Ion Ratio Lower Upper
91 100
126 37.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 1.084 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

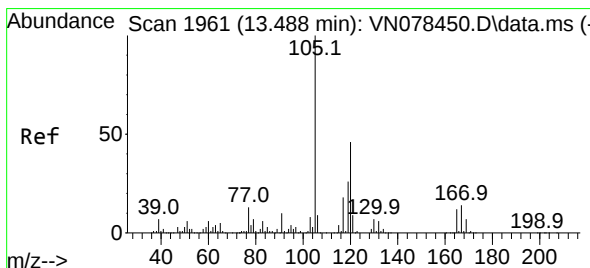
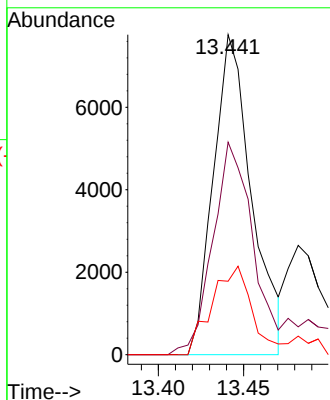
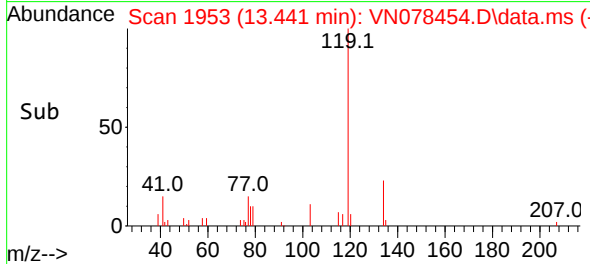
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



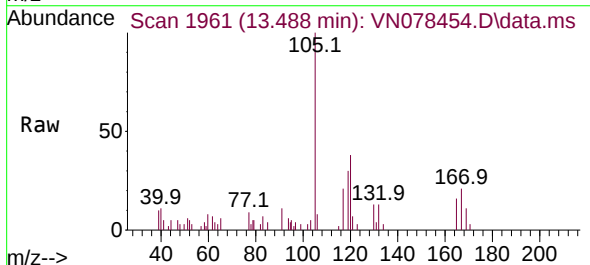
Tgt Ion:119 Resp: 1215
Ion Ratio Lower Upper
119 100
91 81.1 33.9 101.7
134 28.8 13.2 39.6

Manual Integrations
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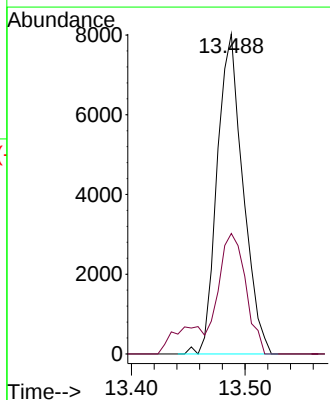
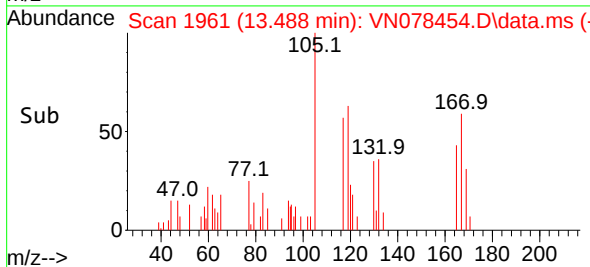
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

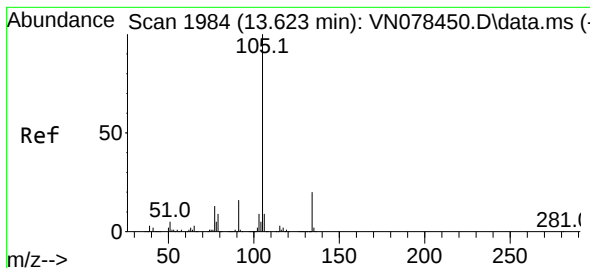


#84
1,2,4-Trimethylbenzene
Concen: 0.987 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46



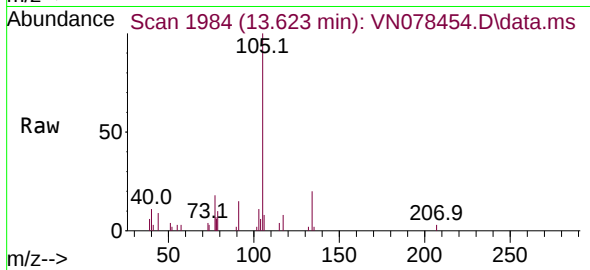
Tgt Ion:105 Resp: 12669
Ion Ratio Lower Upper
105 100
120 39.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 1.052 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46

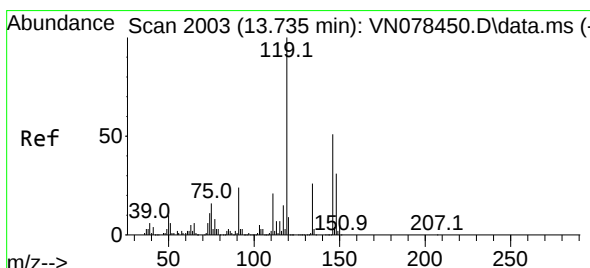
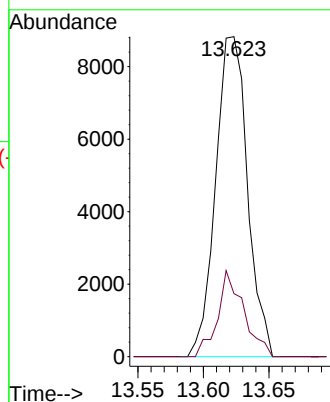
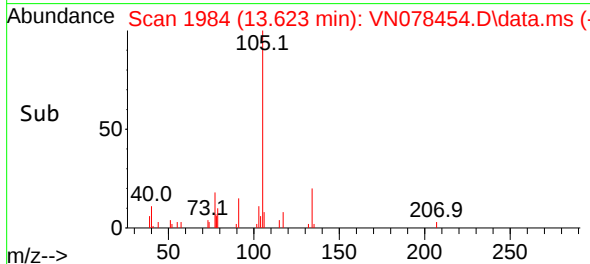
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



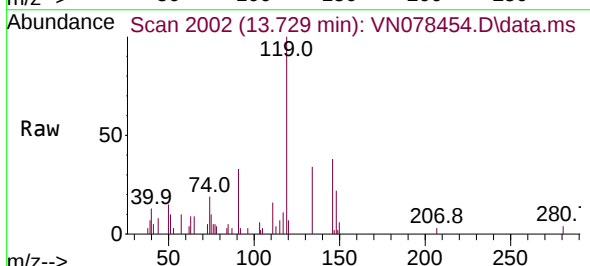
Tgt Ion:105 Resp: 1491
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.8 29.3

Manual Integrations
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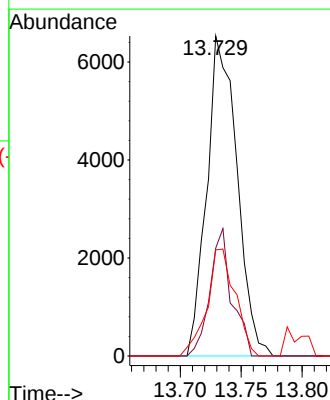
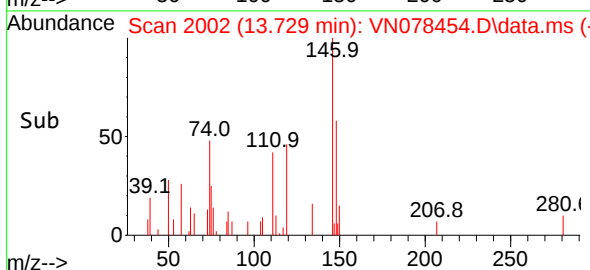
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

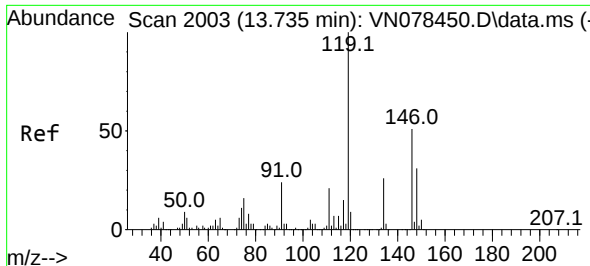


#86
 p-Isopropyltoluene
 Concen: 0.988 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078454.D
 Acq: 10 Jul 2023 14:46



Tgt Ion:119 Resp: 11243
 Ion Ratio Lower Upper
 119 100
 134 28.8 12.6 37.8
 91 31.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.028 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

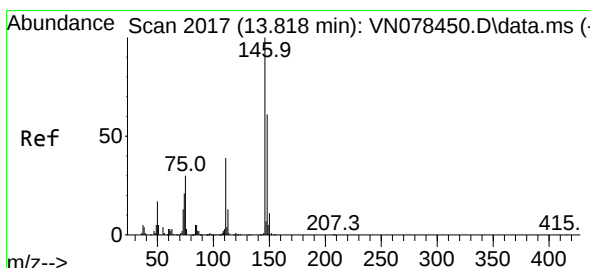
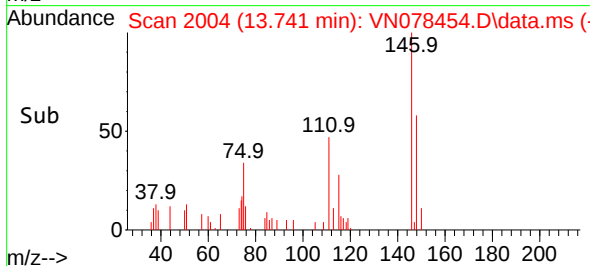
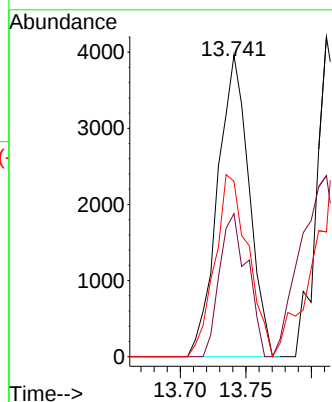
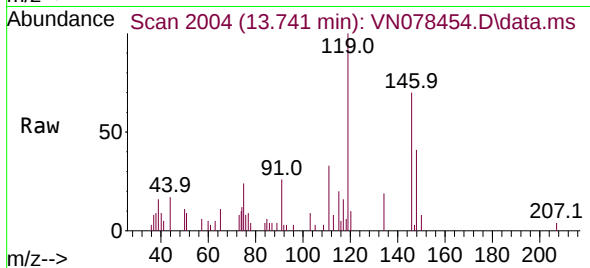
Tgt Ion:146 Resp: 6600
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.1 66.3
 148 63.7 32.0 96.0

Manual Integrations

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Supervised By :Mahesh Dadoda 07/11/2023



#88

1,4-Dichlorobenzene

Concen: 1.136 ug/l m

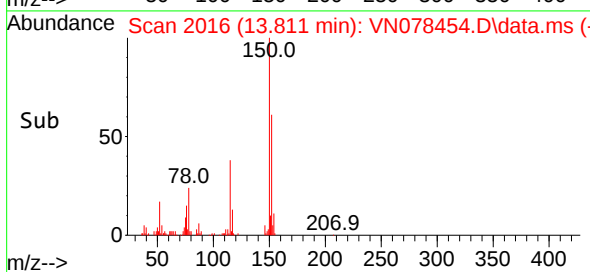
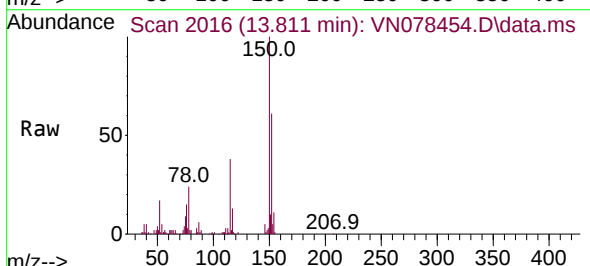
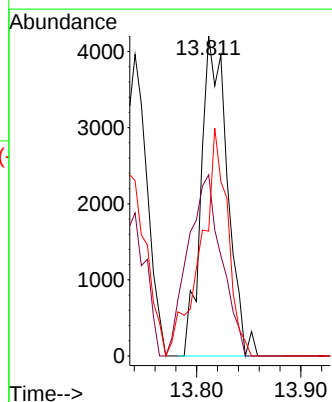
RT: 13.811 min Scan# 2016

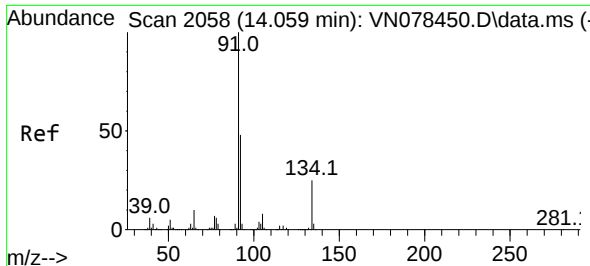
Delta R.T. -0.007 min

Lab File: VN078454.D

Acq: 10 Jul 2023 14:46

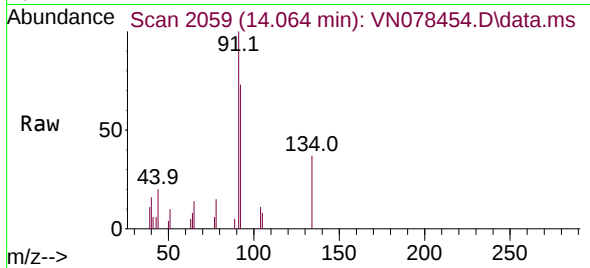
Tgt Ion:146 Resp: 7347
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.6 61.8
 148 57.2 31.6 94.8





#89
n-Butylbenzene
Concen: 0.833 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

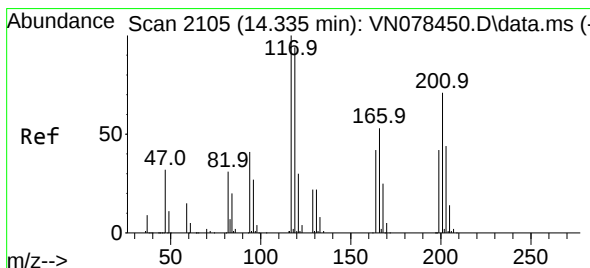
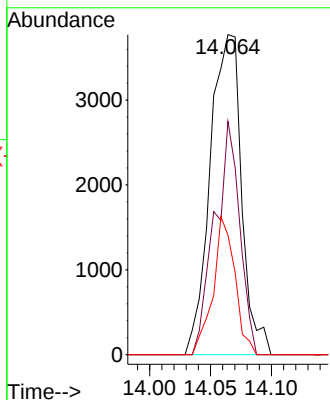
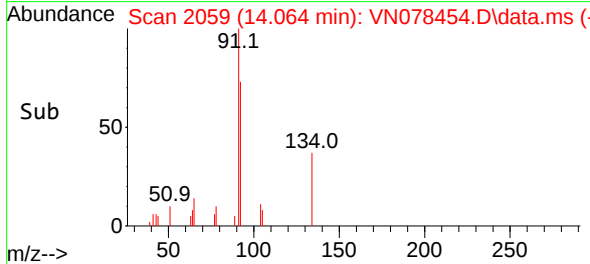
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 91 Resp: 678
Ion Ratio Lower Upper
91 100
92 57.6 26.4 79.0
134 29.9 12.6 37.6

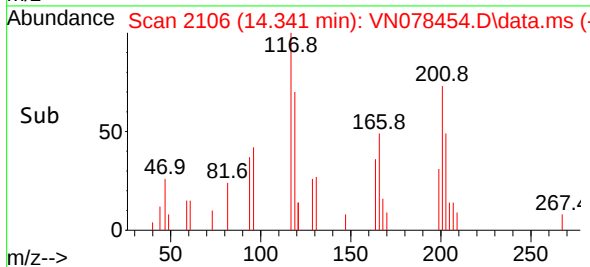
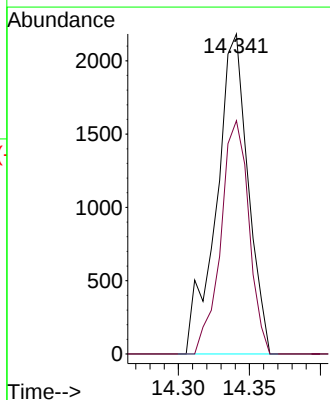
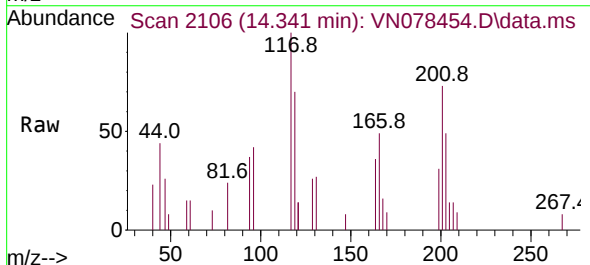
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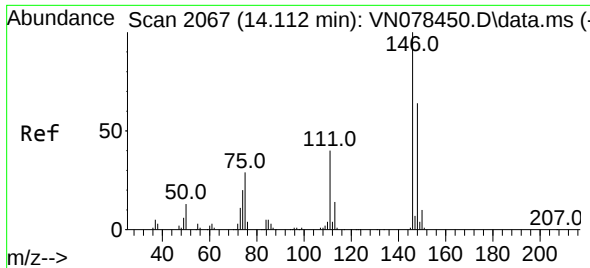
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#90
Hexachloroethane
Concen: 0.817 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:117 Resp: 3389
Ion Ratio Lower Upper
117 100
201 64.5 29.3 88.0





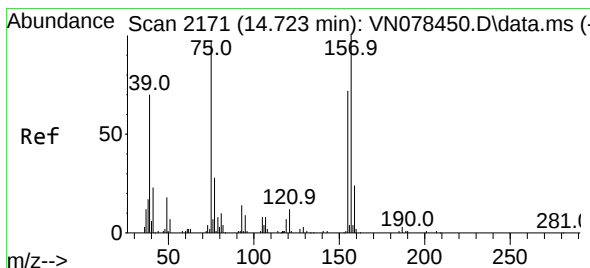
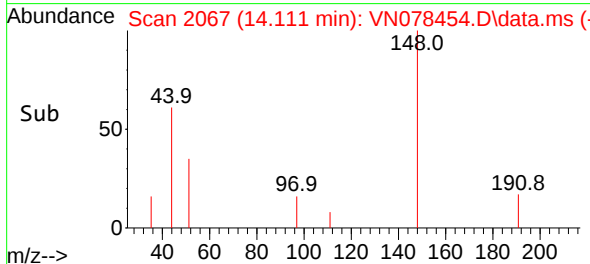
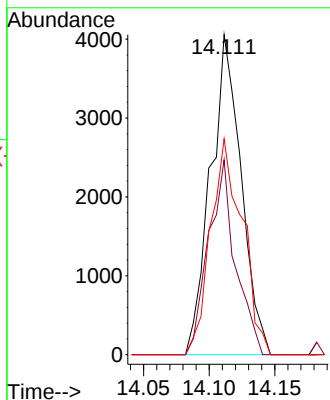
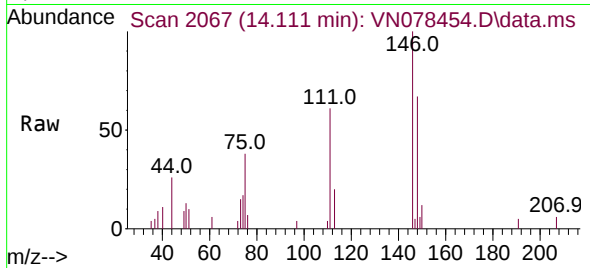
#91
1,2-Dichlorobenzene
Concen: 1.030 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 658
Ion Ratio Lower Upper
146 100
111 53.7 22.0 66.0
148 70.1 31.8 95.3

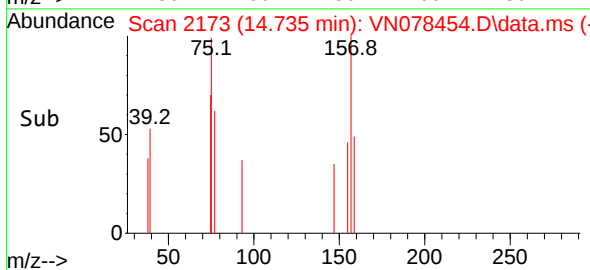
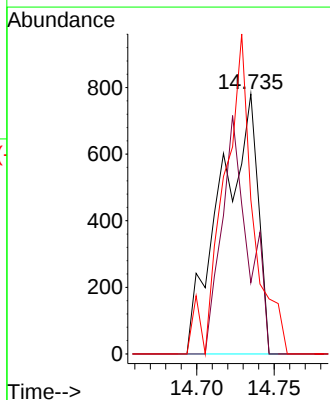
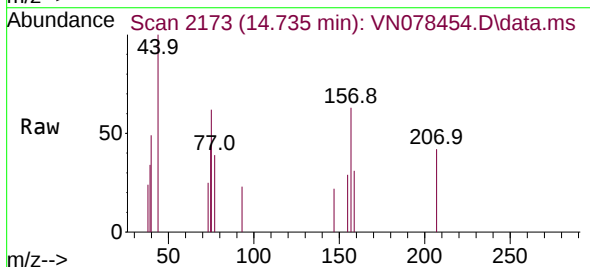
Manual Integrations
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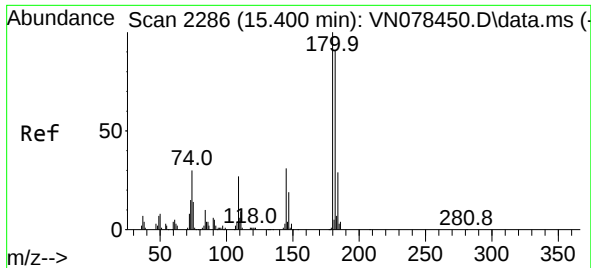
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.395 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion: 75 Resp: 1298
Ion Ratio Lower Upper
75 100
155 65.1 39.1 117.2
157 98.0 50.3 150.9





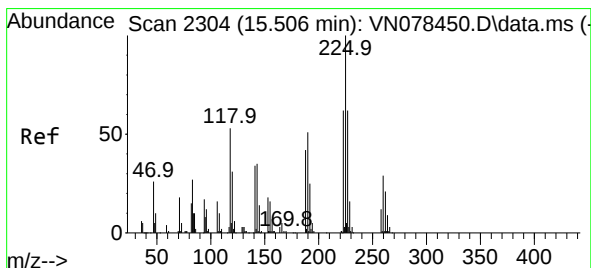
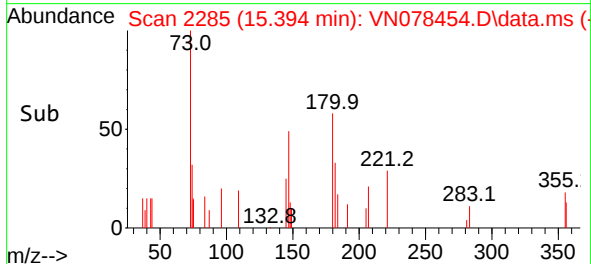
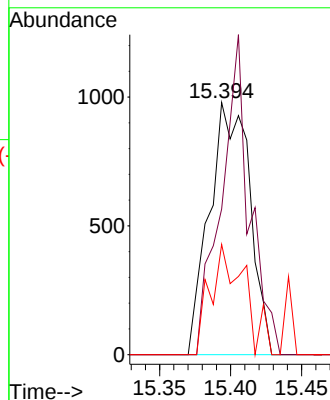
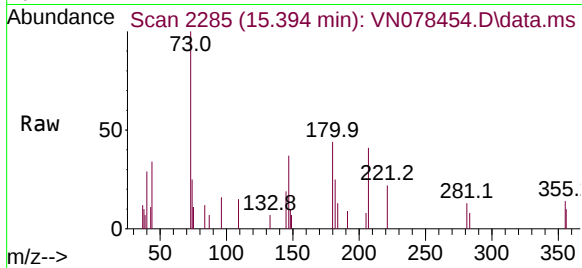
#93
1,2,4-Trichlorobenzene
Concen: 0.951 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 1938
Ion Ratio Lower Upper
180 100
182 89.2 46.1 138.2
145 37.1 16.6 49.8

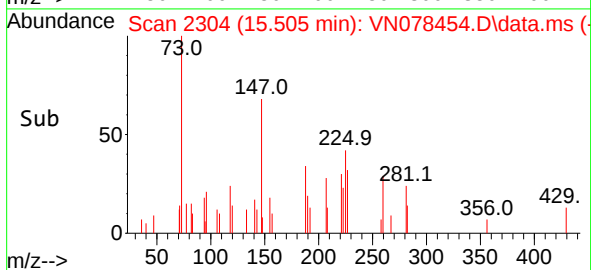
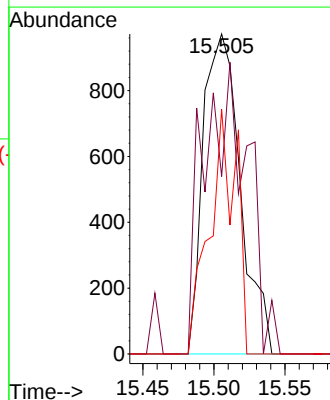
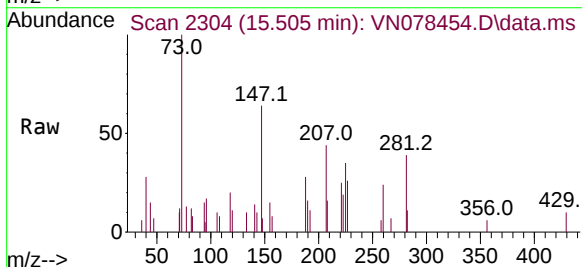
Manual Integrations
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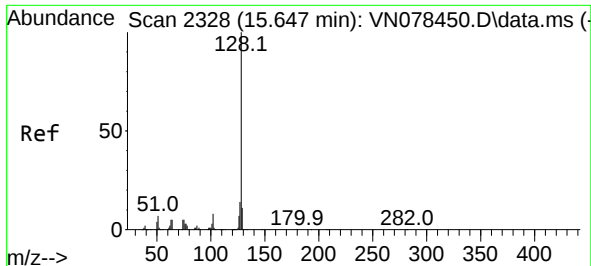
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#94
Hexachlorobutadiene
Concen: 1.329 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:225 Resp: 1773
Ion Ratio Lower Upper
225 100
223 51.2 31.3 93.8
227 55.2 31.9 95.9





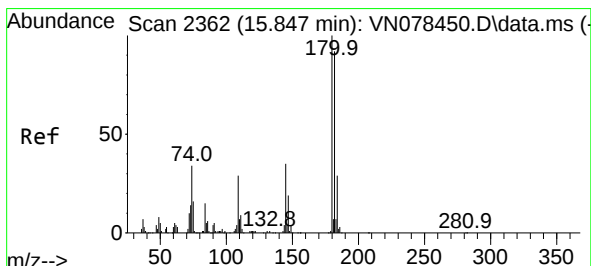
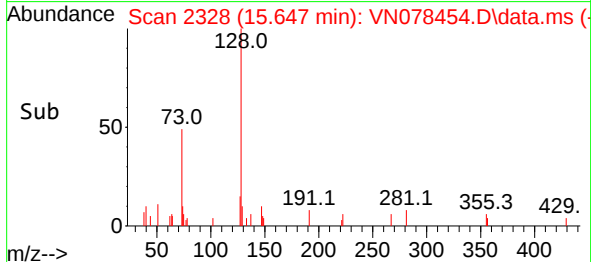
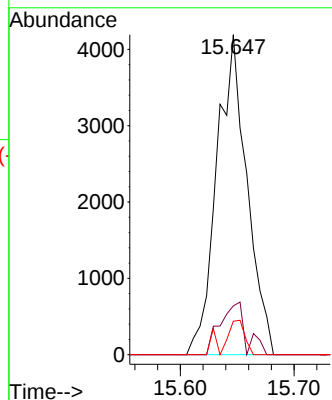
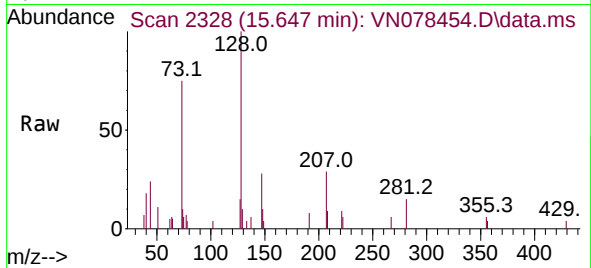
#95
Naphthalene
Concen: 1.112 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 7750
Ion Ratio Lower Upper
128 100
127 14.0 10.0 15.0
129 5.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.053 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.005 min
Lab File: VN078454.D
Acq: 10 Jul 2023 14:46

Tgt Ion:180 Resp: 2469
Ion Ratio Lower Upper
180 100
182 92.5 46.2 138.6
145 28.5 17.5 52.6

