

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080435.D
 Acq On : 12 Dec 2023 12:31
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 13 01:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	311029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	504141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186805	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	2.124	85	3871	0.974	ug/l	88
3) Chloromethane	2.365	50	6979	1.288	ug/l	94
4) Vinyl Chloride	2.512	62	3257	0.960	ug/l #	63
6) Chloroethane	3.118	64	2258	1.035	ug/l #	85
7) Trichlorofluoromethane	3.495	101	6968	1.012	ug/l #	77
8) Diethyl Ether	3.965	74	2274	1.049	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	3083	0.945	ug/l #	75
12) 1,1-Dichloroethene	4.348	96	3518	1.052	ug/l #	82
14) Allyl chloride	5.030	41	4295	1.038	ug/l #	48
15) Acrylonitrile	5.724	53	6017	4.552	ug/l	94
16) Acetone	4.430	43	3028	4.299	ug/l	100
17) Carbon Disulfide	4.712	76	10337	1.091	ug/l #	91
18) Methyl Acetate	5.030	43	4692	1.035	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	10699	0.959	ug/l #	89
20) Methylene Chloride	5.277	84	4179	1.109	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	3800	1.048	ug/l	87
22) Diisopropyl ether	6.671	45	8117	0.909	ug/l #	94
23) Vinyl Acetate	6.606	43	23783	4.638	ug/l	99
24) 1,1-Dichloroethane	6.565	63	5994	0.962	ug/l #	92
25) 2-Butanone	7.489	43	6282	4.630	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	6401	1.005	ug/l	87
27) cis-1,2-Dichloroethene	7.483	96	4350	1.060	ug/l	98
28) Bromochloromethane	7.812	49	2311	0.966	ug/l #	90
29) Tetrahydrofuran	7.841	42	4594	4.728	ug/l	96
30) Chloroform	7.977	83	6958	1.006	ug/l #	53
32) 1,1,1-Trichloroethane	8.165	97	6665	0.984	ug/l #	48
36) 1,1-Dichloropropene	8.371	75	4710	0.901	ug/l	99
37) Ethyl Acetate	7.565	43	3094	0.945	ug/l #	89
38) Carbon Tetrachloride	8.353	117	6284	1.006	ug/l #	76
39) Methylcyclohexane	9.600	83	5158	0.950	ug/l #	82
40) Benzene	8.612	78	15002	0.994	ug/l	96
41) Methacrylonitrile	7.777	41	1830	0.970	ug/l #	91
42) 1,2-Dichloroethane	8.665	62	5360	0.959	ug/l	99
43) Isopropyl Acetate	8.694	43	5210	0.885	ug/l	96
44) Trichloroethene	9.353	130	4120	1.013	ug/l	84
45) 1,2-Dichloropropane	9.618	63	3487	0.984	ug/l #	80

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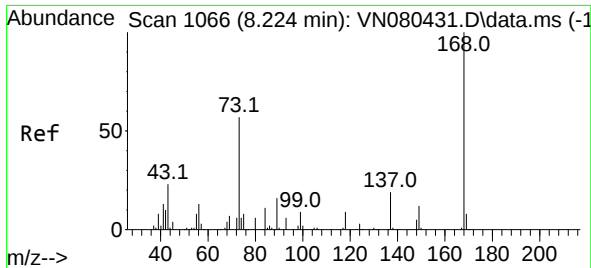
Manual Integrations
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Quant Time: Dec 13 01:30:42 2023
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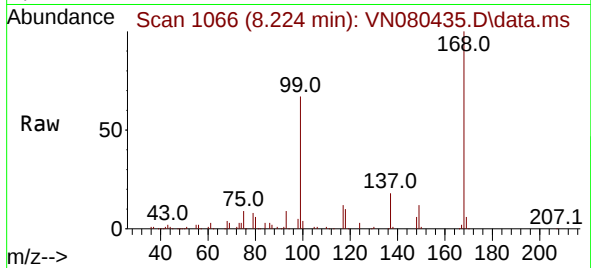
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	2286	0.898	ug/l #	85
47) Bromodichloromethane	9.888	83	4970	0.911	ug/l #	84
48) Methyl methacrylate	9.677	41	3717	1.058	ug/l #	81
49) 1,4-Dioxane	9.694	88	1258	23.635	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	15297	4.720	ug/l	98
52) Toluene	10.629	92	9137	0.958	ug/l	94
53) t-1,3-Dichloropropene	10.829	75	5301	0.898	ug/l #	74
54) cis-1,3-Dichloropropene	10.318	75	5636	0.893	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	2990	0.872	ug/l #	86
56) Ethyl methacrylate	10.877	69	3369	0.887	ug/l #	70
57) 1,3-Dichloropropane	11.159	76	5591	0.930	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	10616	4.427	ug/l	95
59) 2-Hexanone	11.200	43	10977	4.588	ug/l	93
60) Dibromochloromethane	11.365	129	3792	0.933	ug/l	98
61) 1,2-Dibromoethane	11.471	107	3418	0.963	ug/l	96
64) Tetrachloroethene	11.106	164	3283	0.982	ug/l	96
65) Chlorobenzene	11.888	112	9241	0.960	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	3605	0.954	ug/l #	59
67) Ethyl Benzene	11.965	91	16715	0.944	ug/l	92
68) m/p-Xylenes	12.065	106	11760	1.797	ug/l	86
69) o-Xylene	12.400	106	5702	0.891	ug/l	91
70) Styrene	12.412	104	7749	0.841	ug/l	94
71) Bromoform	12.576	173	2786	1.011	ug/l #	95
73) Isopropylbenzene	12.694	105	15082	1.005	ug/l	96
74) N-amyl acetate	12.494	43	4761	1.086	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	4272	1.062	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	4335m	1.065	ug/l	
77) Bromobenzene	12.982	156	3868	1.048	ug/l	99
78) n-propylbenzene	13.035	91	15117	0.914	ug/l	97
79) 2-Chlorotoluene	13.123	91	10188	0.943	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	12043	0.932	ug/l	99
82) 4-Chlorotoluene	13.218	91	10694	0.963	ug/l	97
83) tert-Butylbenzene	13.441	119	9627	0.910	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	11354	0.883	ug/l	97
85) sec-Butylbenzene	13.618	105	12417	0.917	ug/l	99
86) p-Isopropyltoluene	13.735	119	10557	0.864	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	6405	0.985	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	6777m	1.032	ug/l	
89) n-Butylbenzene	14.053	91	8866	0.868	ug/l	95
90) Hexachloroethane	14.329	117	1881	0.969	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	6305	1.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1026	1.213	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	3571	1.041	ug/l	99
94) Hexachlorobutadiene	15.500	225	2225	1.140	ug/l	87
95) Naphthalene	15.641	128	11358	1.091	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.847	180	3475	1.050	ug/l	96

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

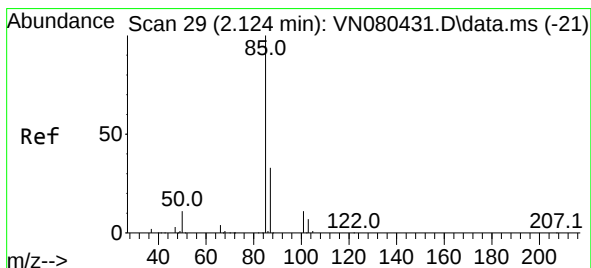
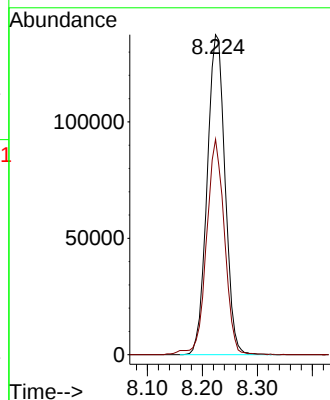
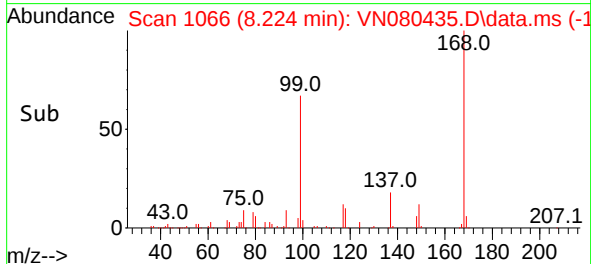
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



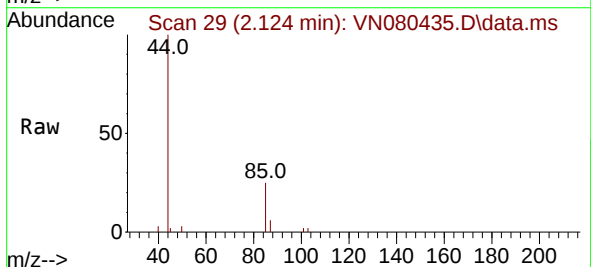
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Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6

Manual Integrations
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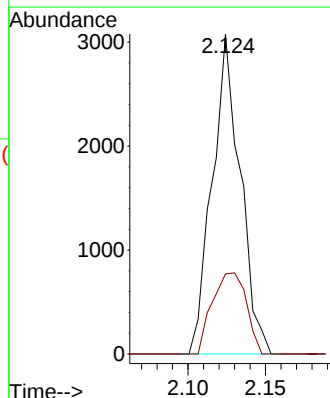
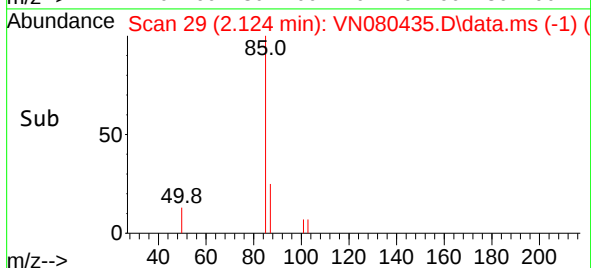
Reviewed By :John Carlone 12/13/2023
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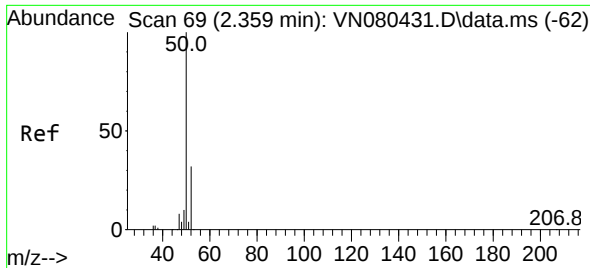


#2
Dichlorodifluoromethane
Concen: 0.974 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



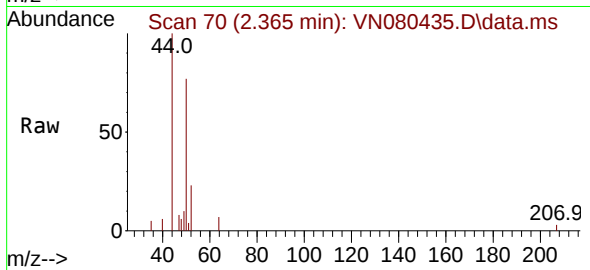
Tgt Ion: 85 Resp: 3871
Ion Ratio Lower Upper
85 100
87 25.0 15.8 47.4





#3
Chloromethane
Concen: 1.288 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

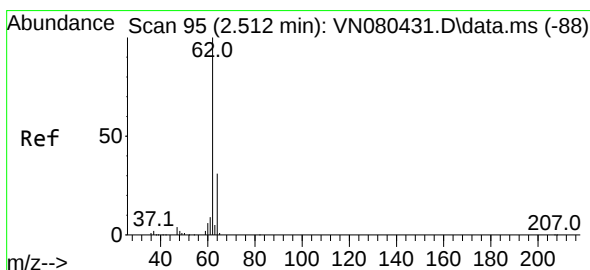
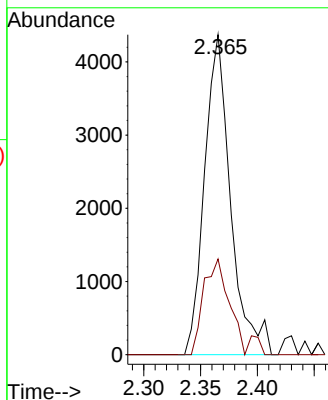
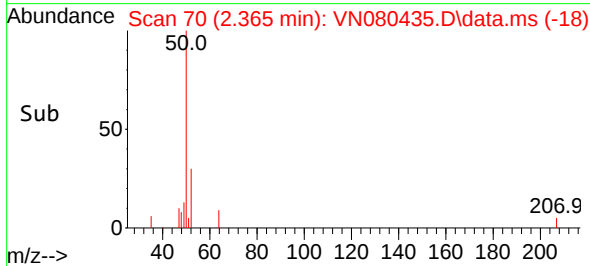
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 6979
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7

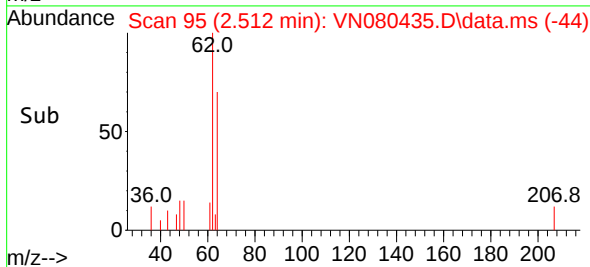
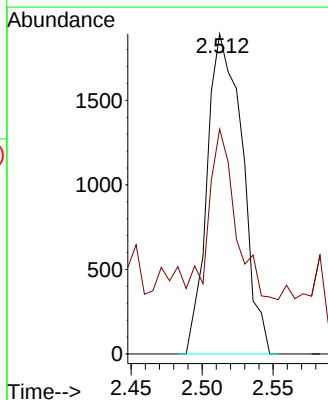
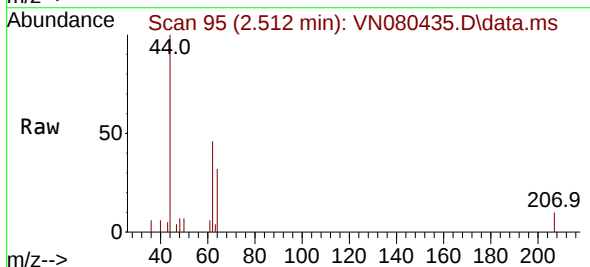
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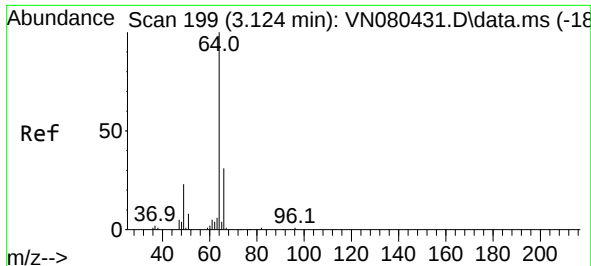
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#4
Vinyl Chloride
Concen: 0.960 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 62 Resp: 3257
Ion Ratio Lower Upper
62 100
64 53.3 26.2 39.2#





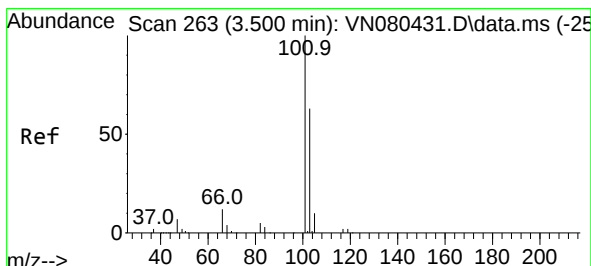
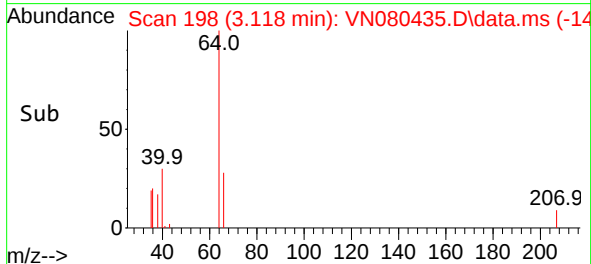
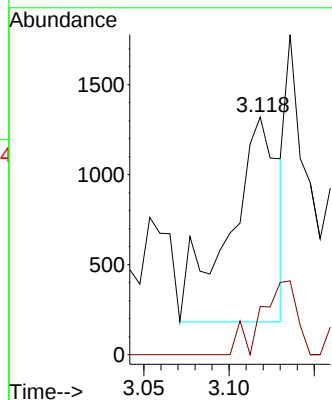
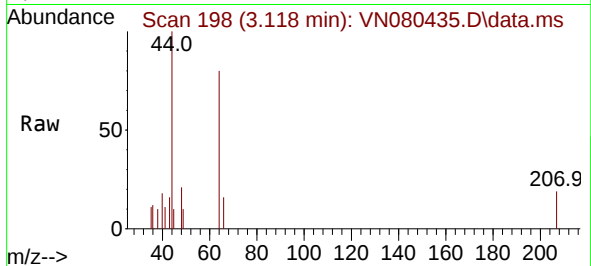
#6
Chloroethane
Concen: 1.035 ug/l
RT: 3.118 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 2258
Ion Ratio Lower Upper
64 100
66 23.6 25.4 38.2

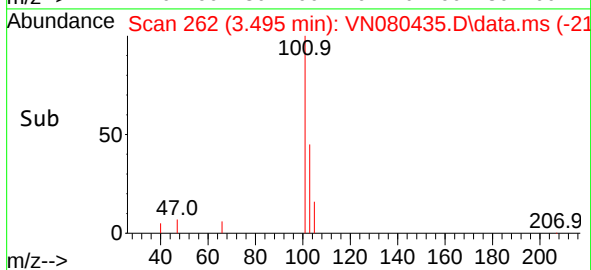
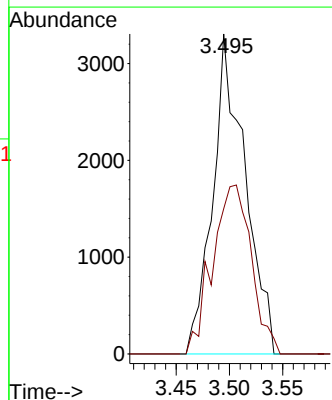
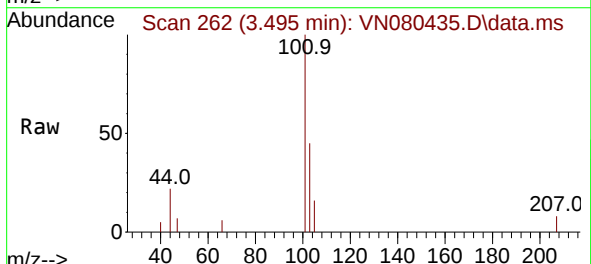
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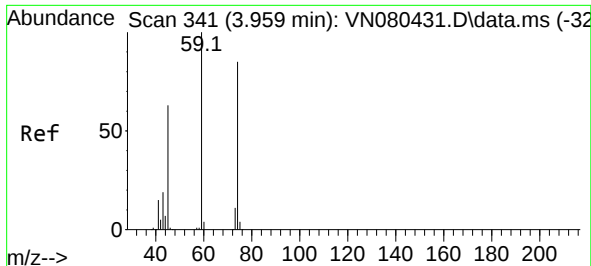
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#7
Trichlorofluoromethane
Concen: 1.012 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

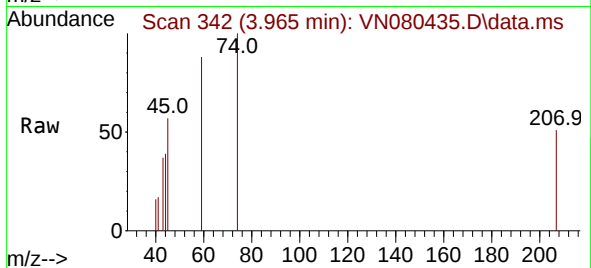
Tgt Ion:101 Resp: 6968
Ion Ratio Lower Upper
101 100
103 45.4 50.7 76.1





#8
Diethyl Ether
Concen: 1.049 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

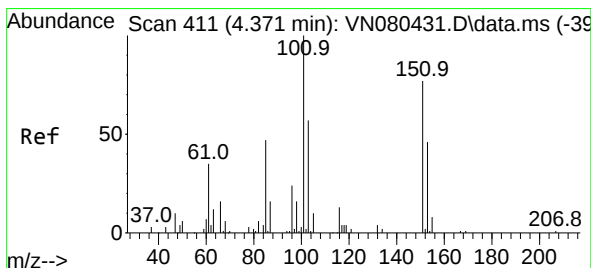
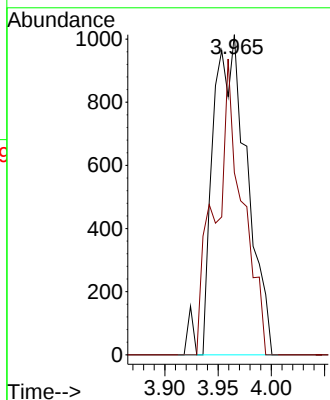
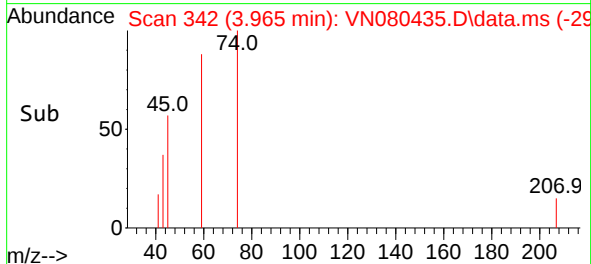
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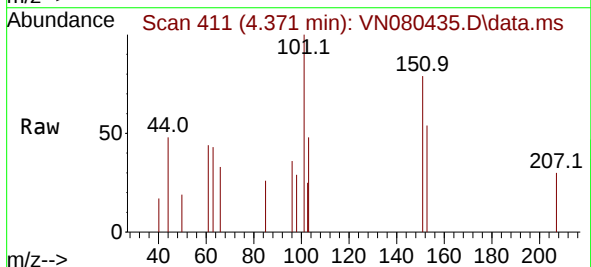
Tgt Ion: 74 Resp: 2274
Ion Ratio Lower Upper
74 100
45 72.4 34.4 103.3

Manual Integrations
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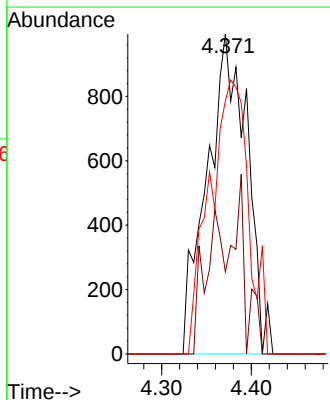
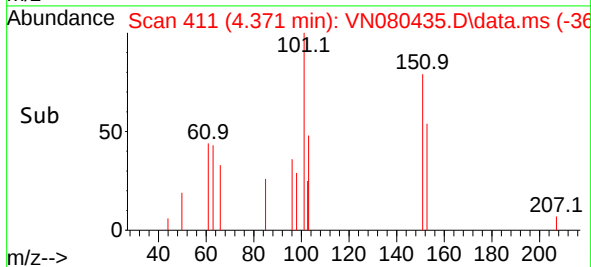
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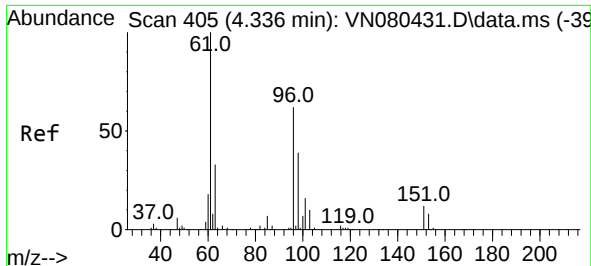


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.945 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



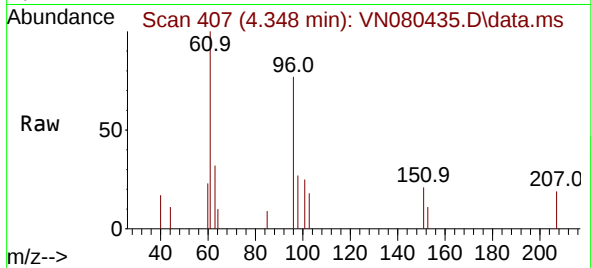
Tgt Ion:101 Resp: 3083
Ion Ratio Lower Upper
101 100
85 18.3 36.6 55.0#
151 83.4 57.6 86.4





#12
1,1-Dichloroethene
Concen: 1.052 ug/l
RT: 4.348 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

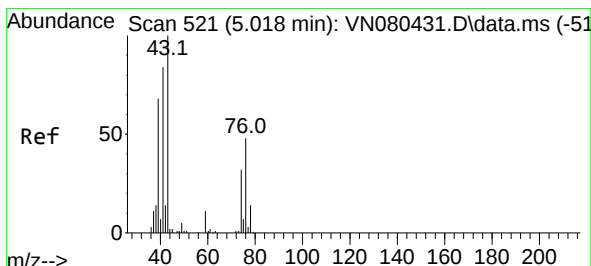
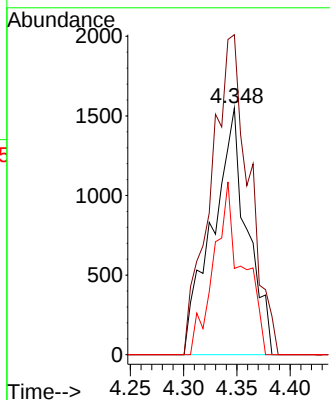
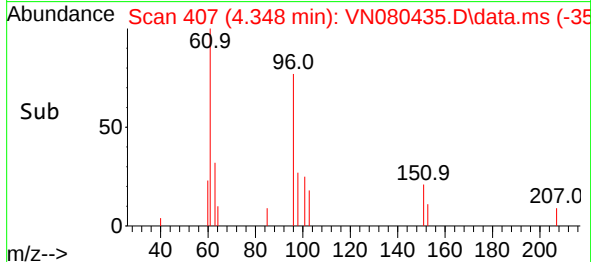
Instrument :
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VSTDICC001



Tgt Ion: 96 Resp: 3518
Ion Ratio Lower Upper
96 100
61 129.7 112.7 169.1
98 35.0 51.2 76.8

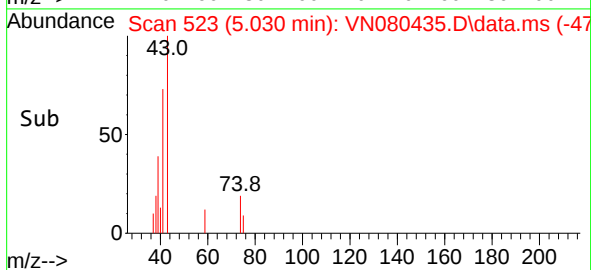
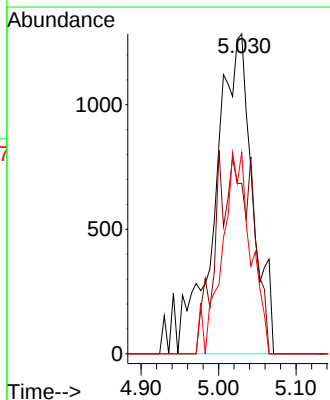
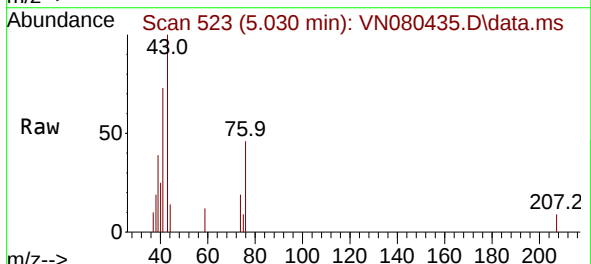
Manual Integrations
APPROVED

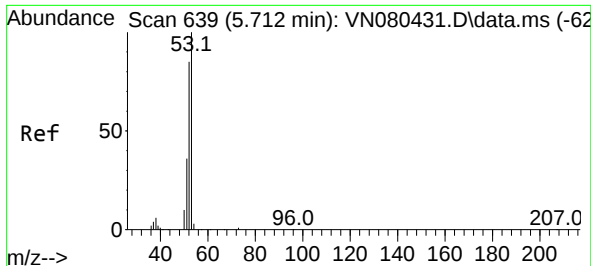
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#14
Allyl chloride
Concen: 1.038 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

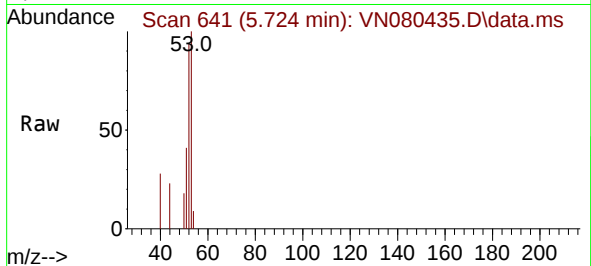
Tgt Ion: 41 Resp: 4295
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 49.0 39.1 58.7





#15
Acrylonitrile
Concen: 4.552 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

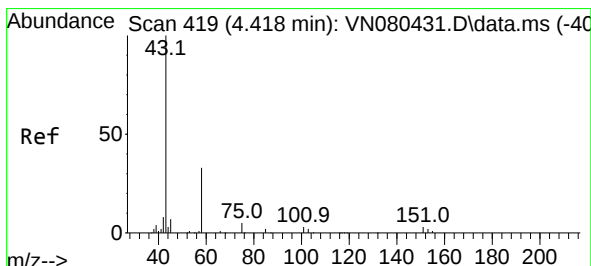
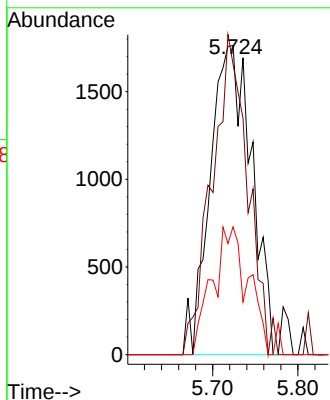
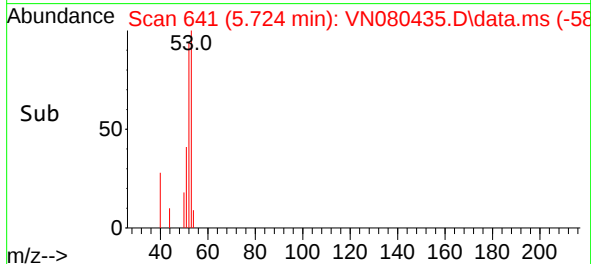
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 601
Ion Ratio Lower Upper
53 100
52 88.5 65.3 97.9
51 35.5 28.9 43.3

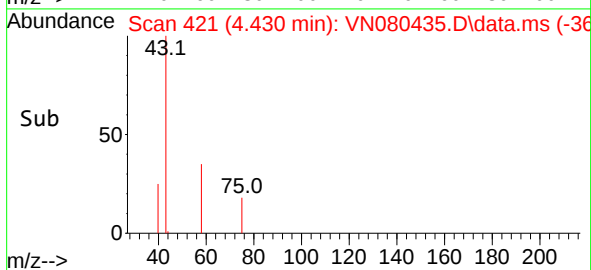
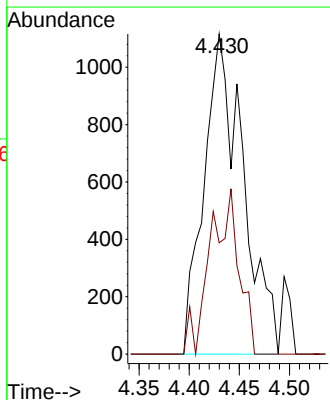
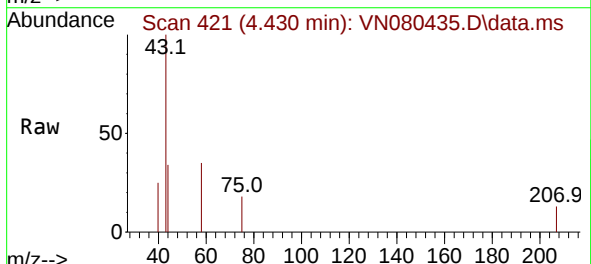
Manual Integrations
APPROVED

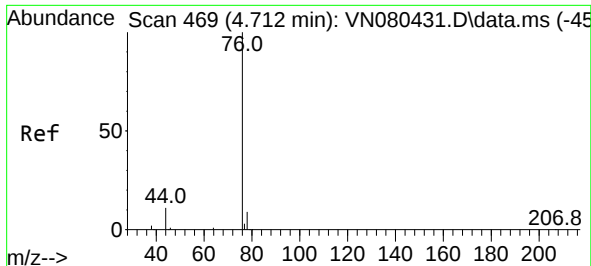
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 4.299 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

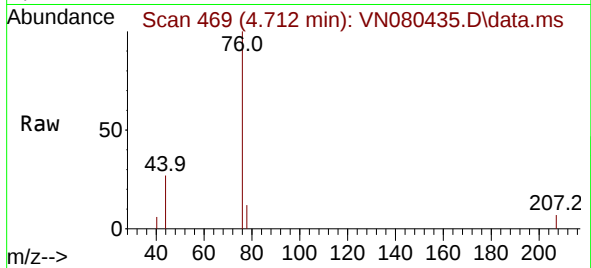
Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0





#17
Carbon Disulfide
Concen: 1.091 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

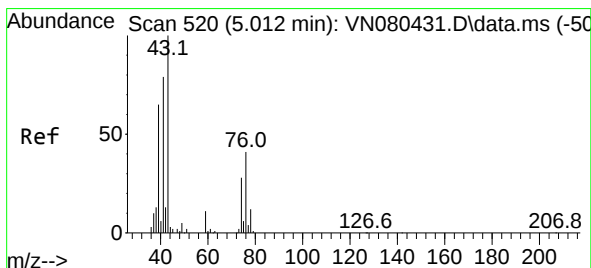
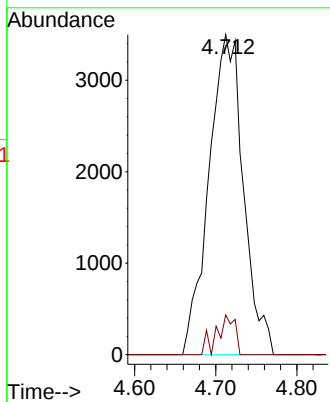
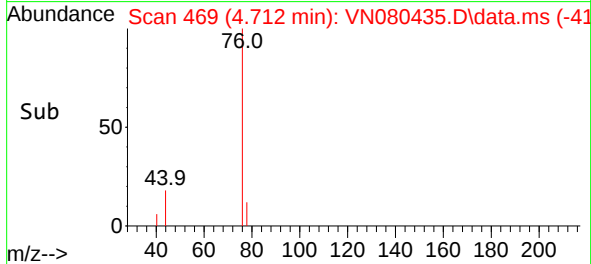
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



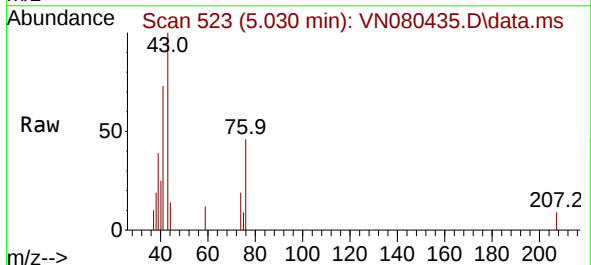
Tgt Ion: 76 Resp: 1033
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0

Manual Integrations
APPROVED

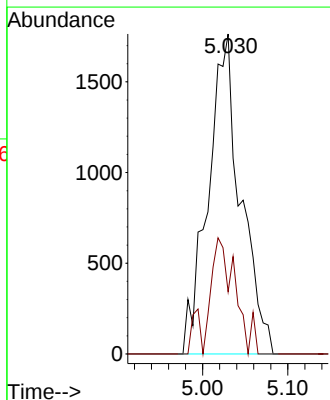
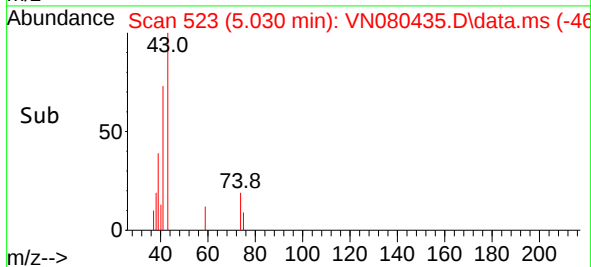
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

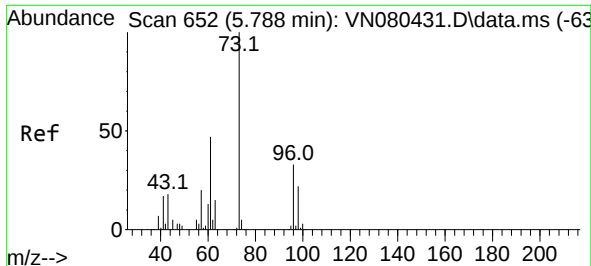


#18
Methyl Acetate
Concen: 1.035 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



Tgt Ion: 43 Resp: 4692
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4





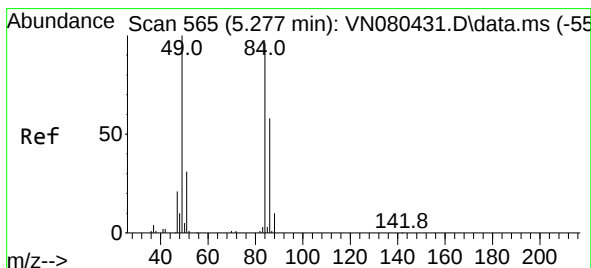
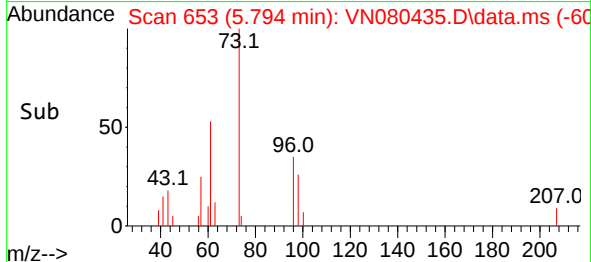
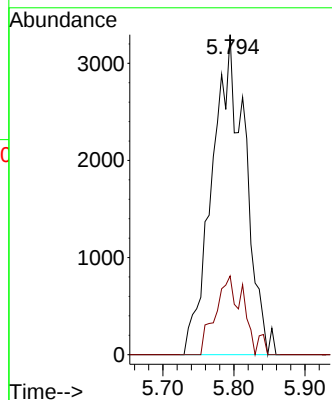
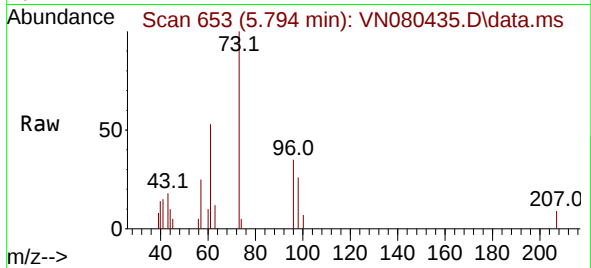
#19
Methyl tert-butyl Ether
Concen: 0.959 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1069
Ion Ratio Lower Upper
73 100
57 24.6 15.6 23.4

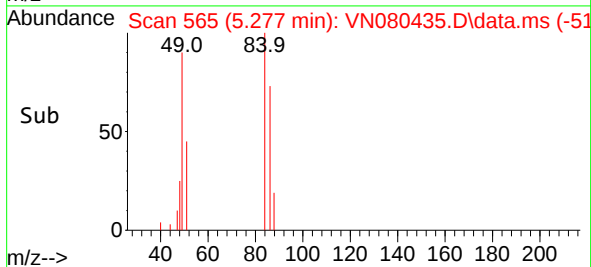
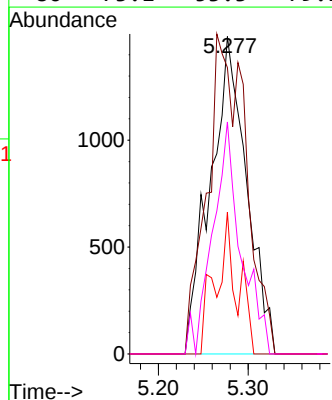
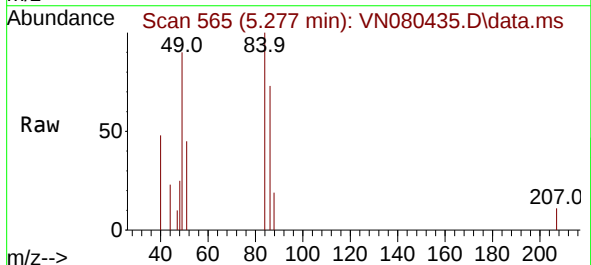
Manual Integrations
APPROVED

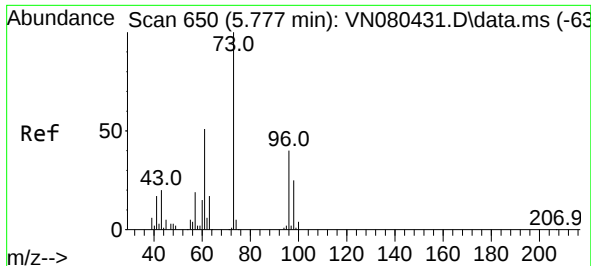
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 1.109 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 84 Resp: 4179
Ion Ratio Lower Upper
84 100
49 90.2 79.7 119.5
51 44.6 25.2 37.8#
86 73.1 53.3 79.9





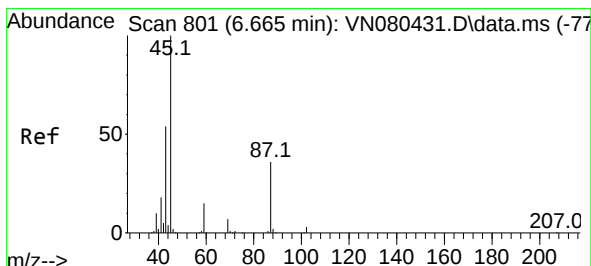
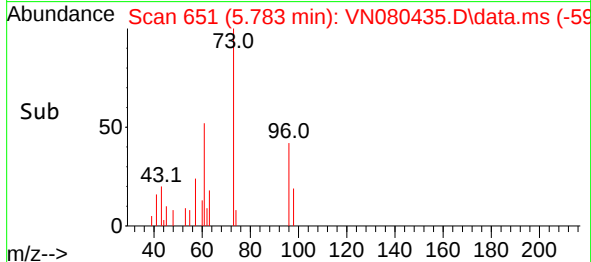
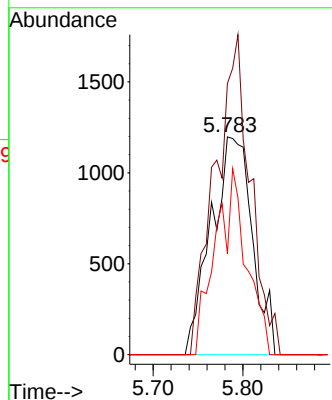
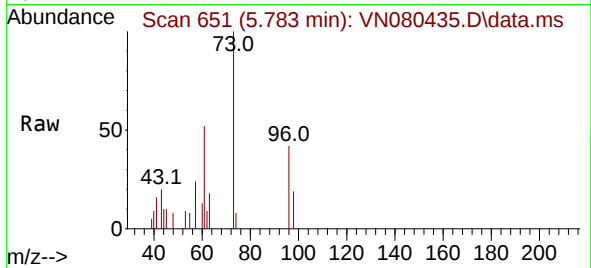
#21
trans-1,2-Dichloroethene
Concen: 1.048 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 3800
Ion Ratio Lower Upper
96 100
61 124.5 90.1 135.1
98 46.4 46.4 69.6

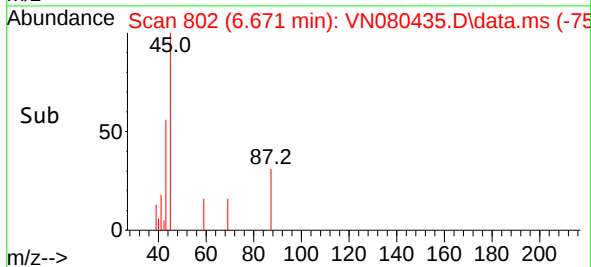
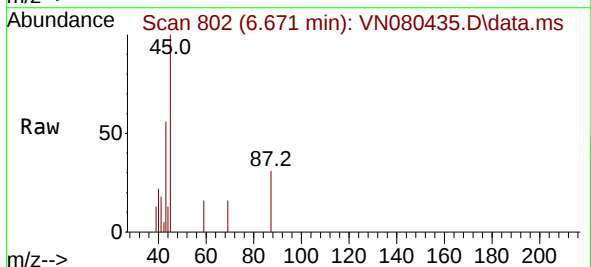
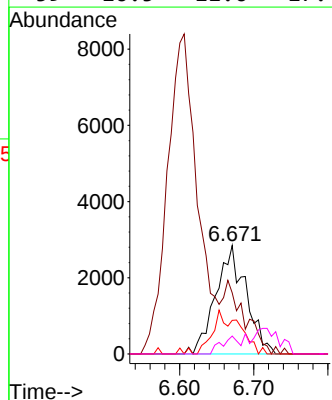
Manual Integrations
APPROVED

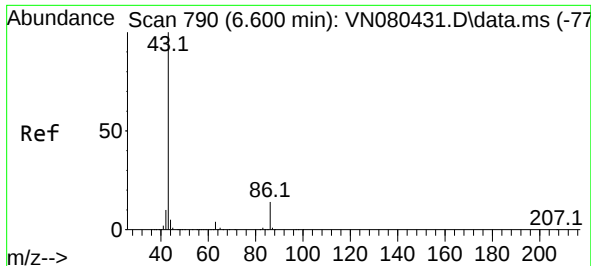
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#22
Diisopropyl ether
Concen: 0.909 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

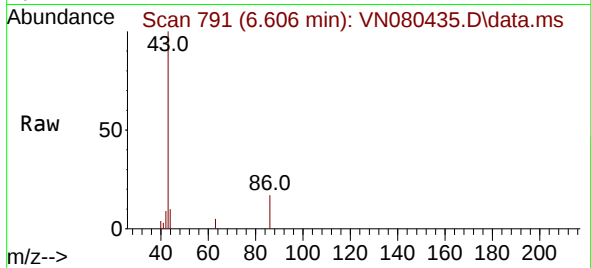
Tgt Ion: 45 Resp: 8117
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 30.9 31.8 47.8#
59 16.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 4.638 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

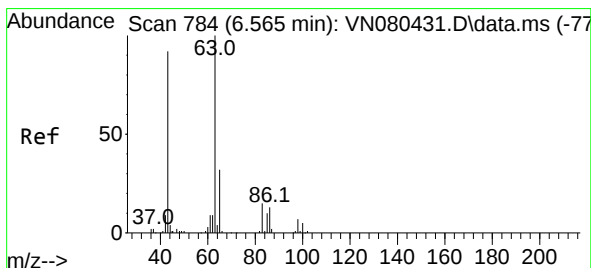
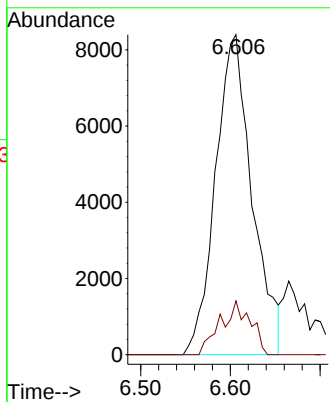
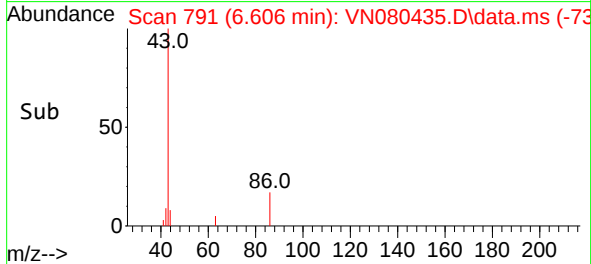
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001



Tgt Ion: 43 Resp: 2378
 Ion Ratio Lower Upper
 43 100
 86 16.8 13.0 19.6

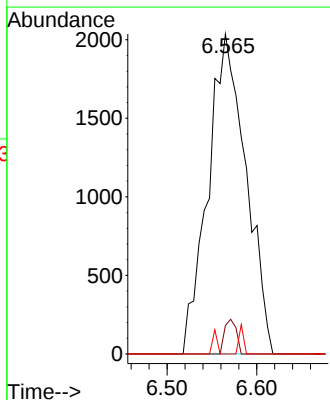
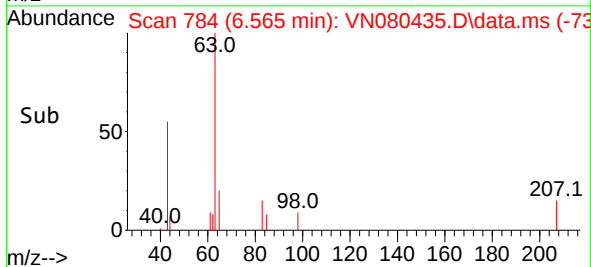
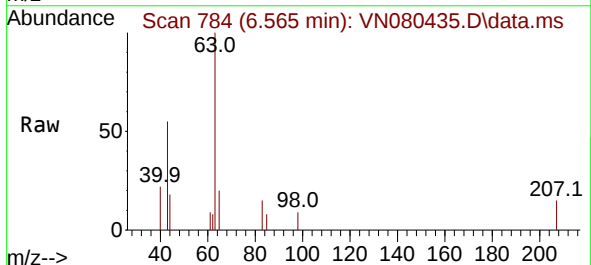
Manual Integrations
 APPROVED

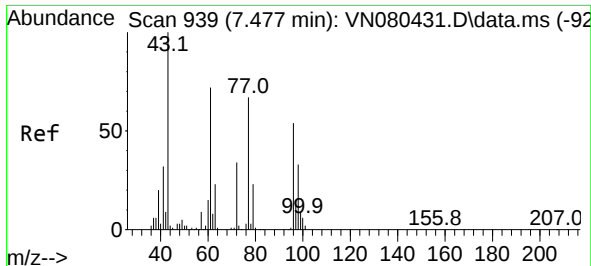
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 0.962 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

Tgt Ion: 63 Resp: 5994
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 0.0 2.5 7.4





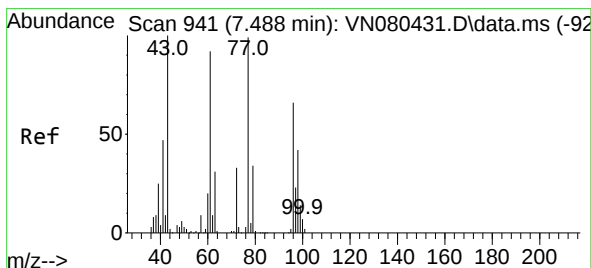
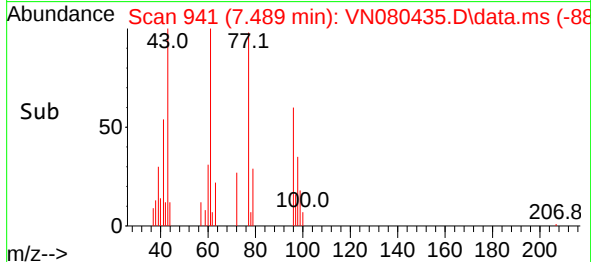
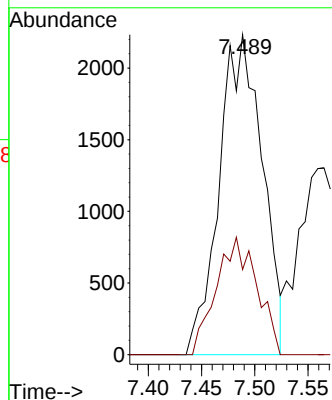
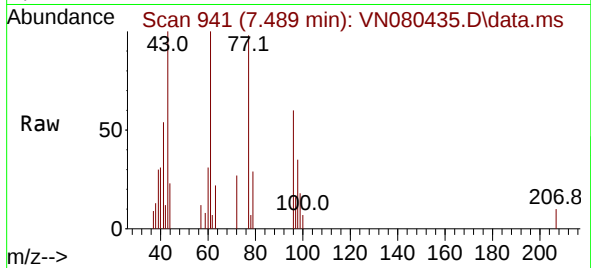
#25
2-Butanone
Concen: 4.630 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 26.6 30.2 45.2

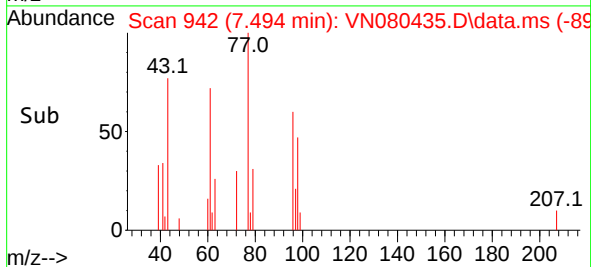
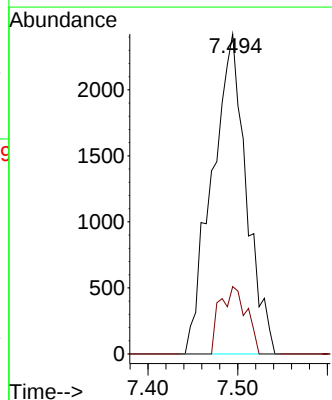
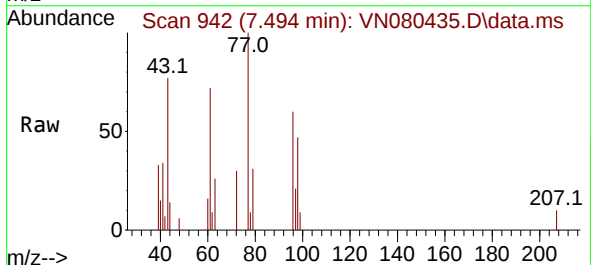
Manual Integrations
APPROVED

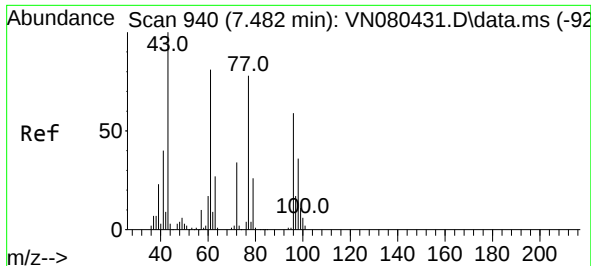
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#26
2,2-Dichloropropane
Concen: 1.005 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

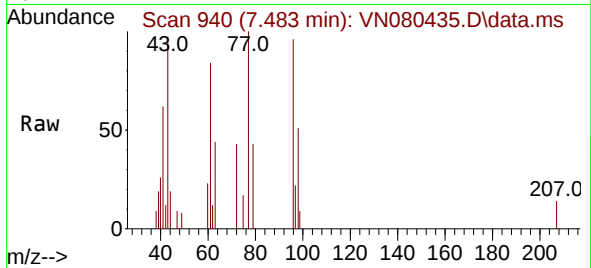
Tgt Ion: 77 Resp: 6401
Ion Ratio Lower Upper
77 100
97 16.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 1.060 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

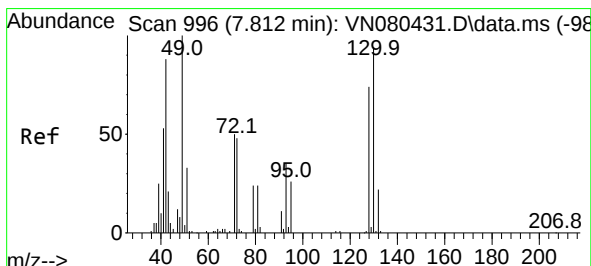
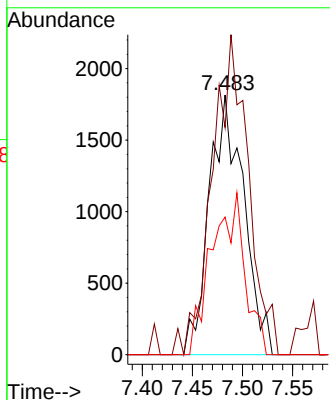
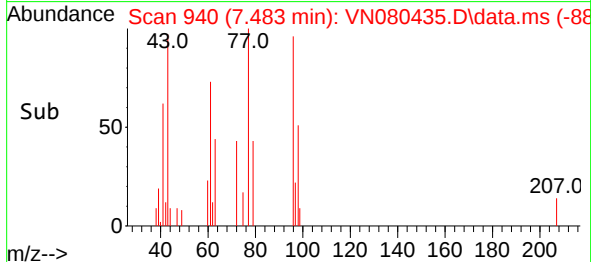
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



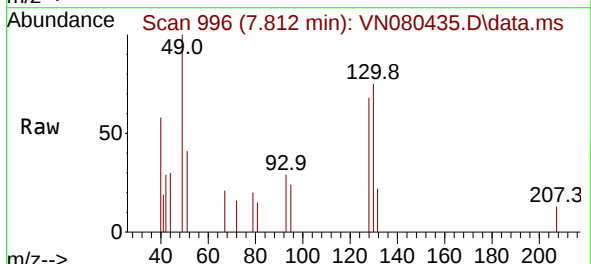
Tgt Ion: 96 Resp: 4350
 Ion Ratio Lower Upper
 96 100
 61 128.4 0.0 255.2
 98 59.8 0.0 128.8

Manual Integrations
 APPROVED

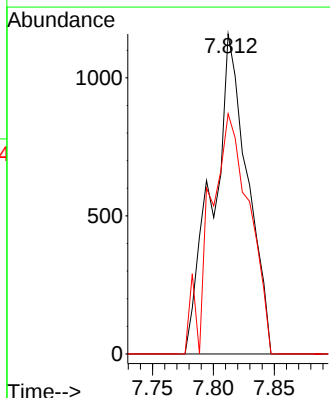
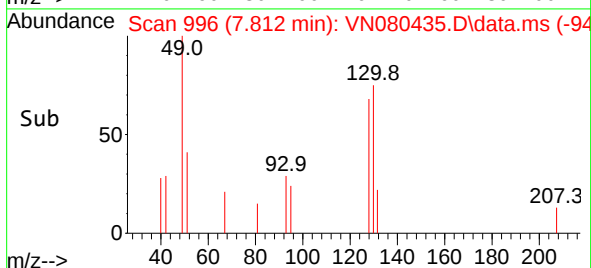
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

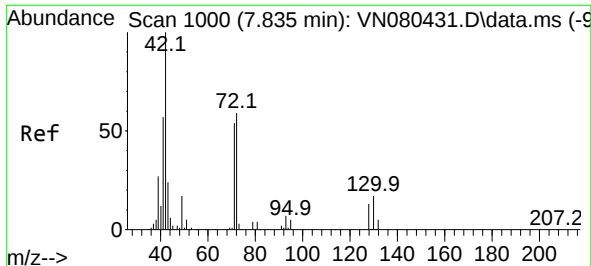


#28
 Bromochloromethane
 Concen: 0.966 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31



Tgt Ion: 49 Resp: 2311
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 84.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 4.728 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 42 Resp: 4594

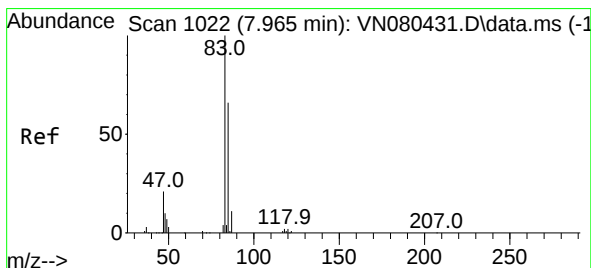
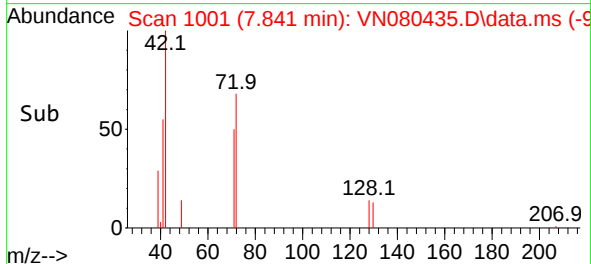
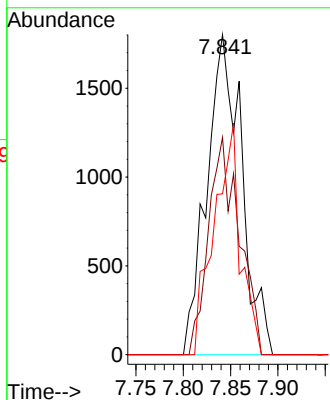
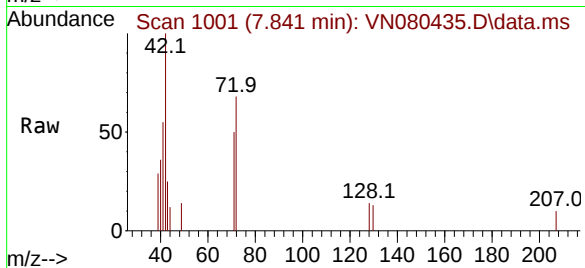
Ion	Ratio	Lower	Upper
42	100		
72	60.3	49.8	74.6
71	55.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 1.006 ug/l

RT: 7.977 min Scan# 1024

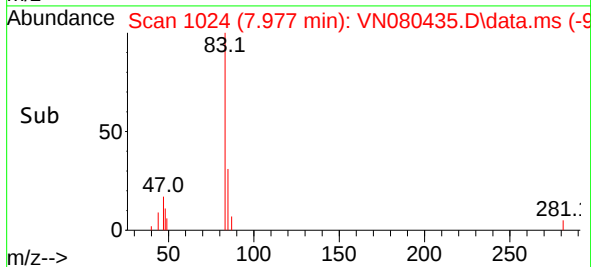
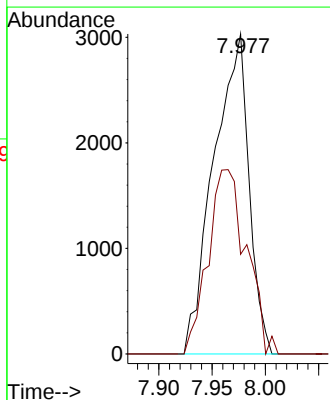
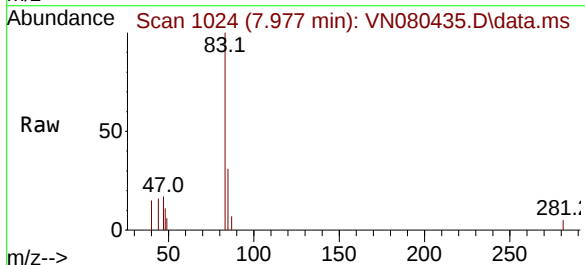
Delta R.T. 0.012 min

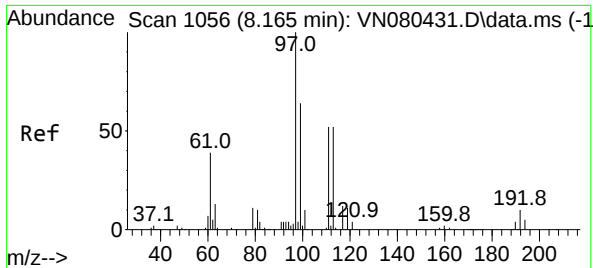
Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Tgt Ion: 83 Resp: 6958

Ion	Ratio	Lower	Upper
83	100		
85	31.1	55.4	83.0#





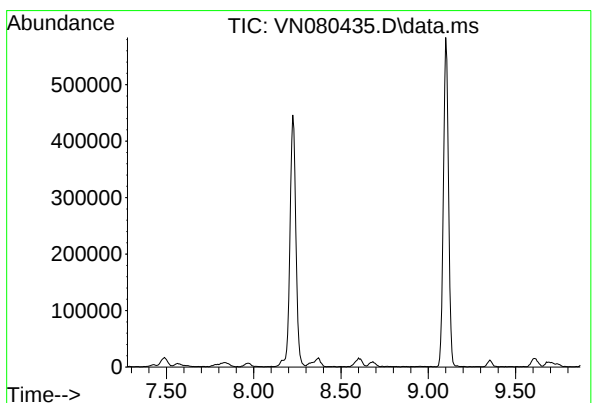
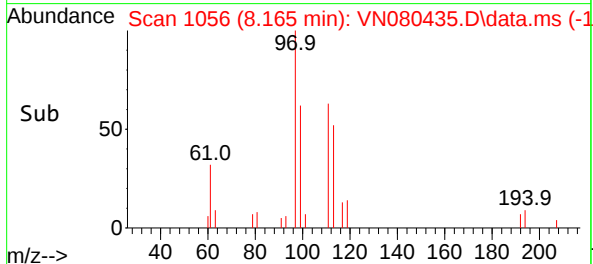
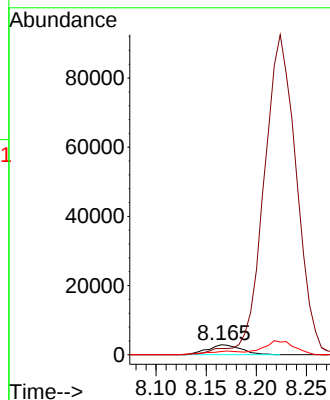
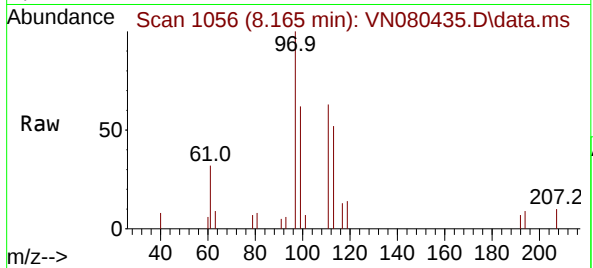
#32
1,1,1-Trichloroethane
Concen: 0.984 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 666
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 36.7 34.7 52.1

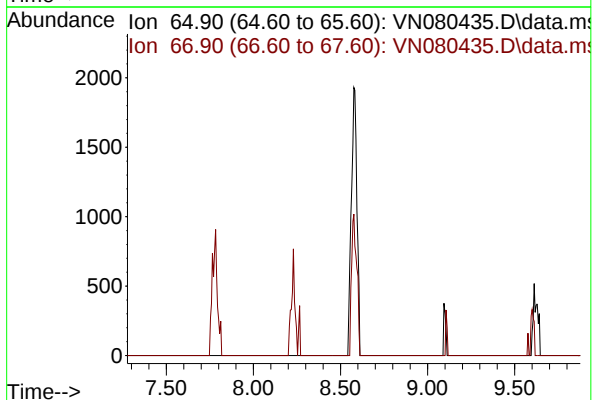
Manual Integrations
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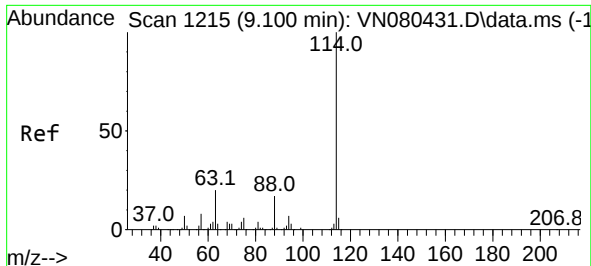
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 50414

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

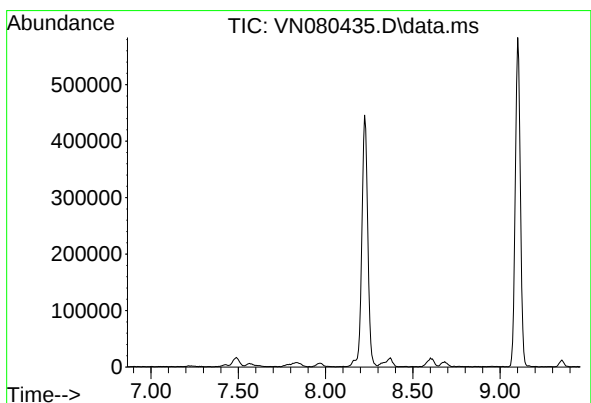
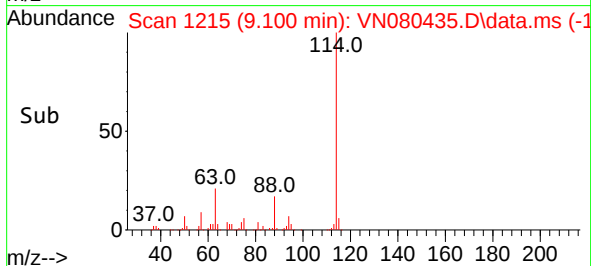
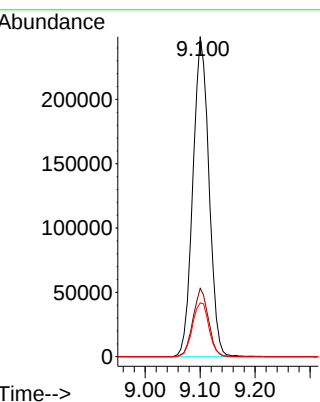
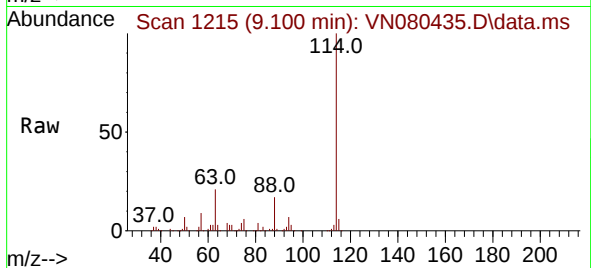
88 16.8 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

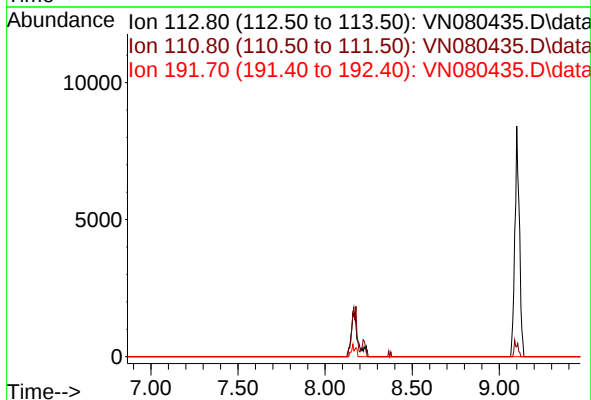
Tgt Ion: 113

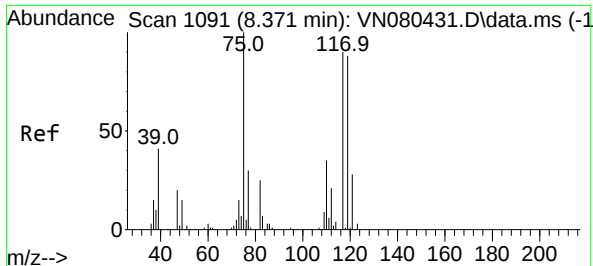
Sig Exp Ratio

113 100

111 103.2

192 15.9





#36

1,1-Dichloropropene

Concen: 0.901 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

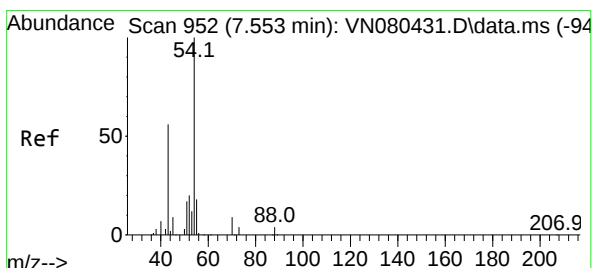
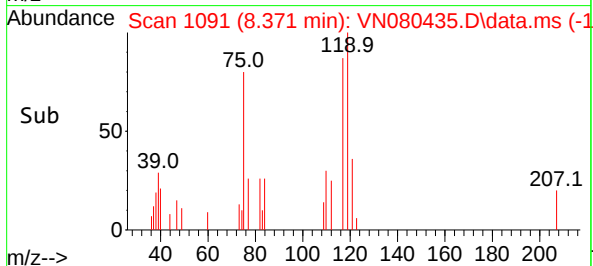
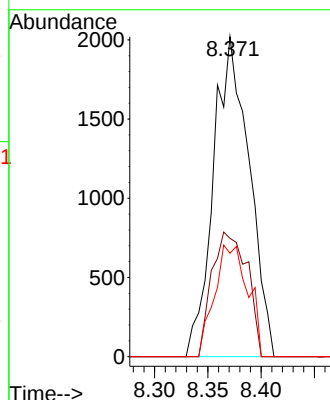
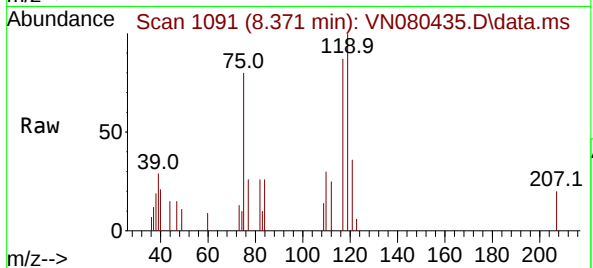
Tgt Ion:	75	Resp:	4710
Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.1	57.3
77	32.4	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#37

Ethyl Acetate

Concen: 0.945 ug/l

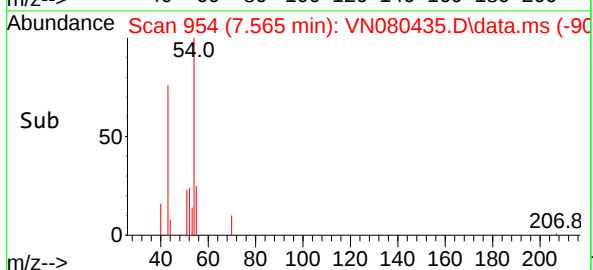
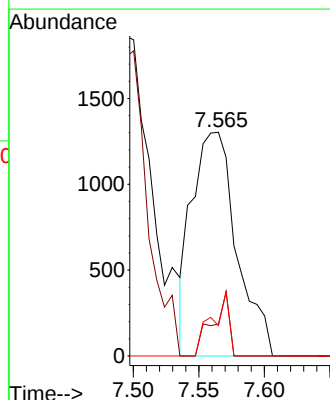
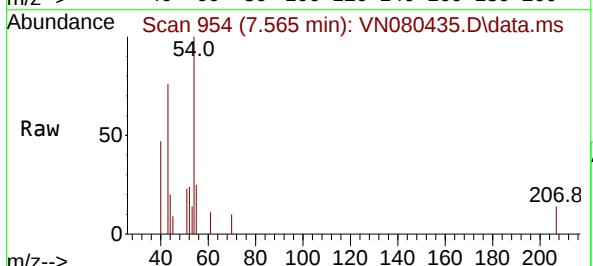
RT: 7.565 min Scan# 954

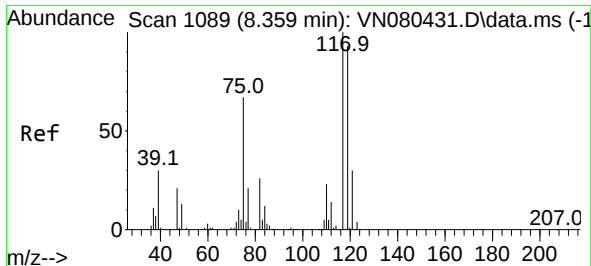
Delta R.T. 0.012 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

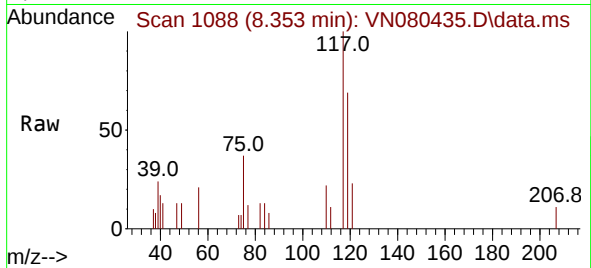
Tgt Ion:	43	Resp:	3094
Ion	Ratio	Lower	Upper
43	100		
61	10.5	13.2	19.8#
70	11.1	11.3	16.9#





#38
Carbon Tetrachloride
Concen: 1.006 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

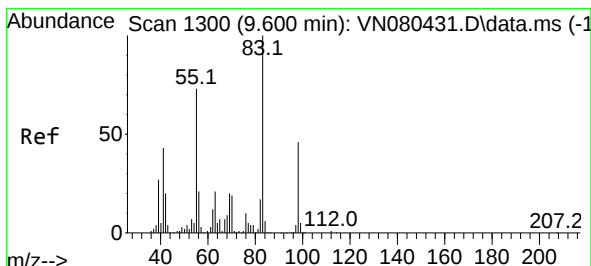
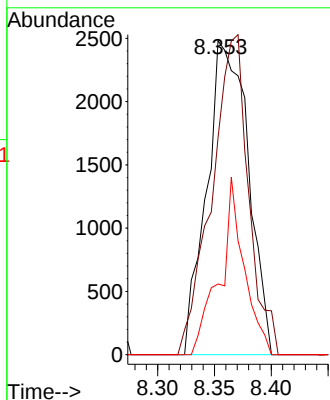
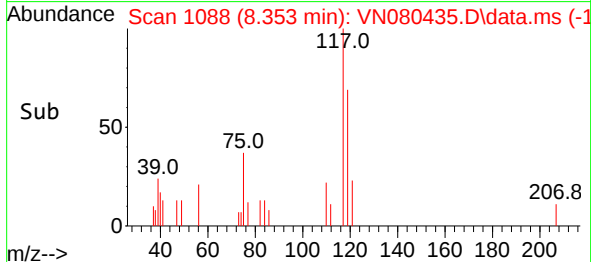
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



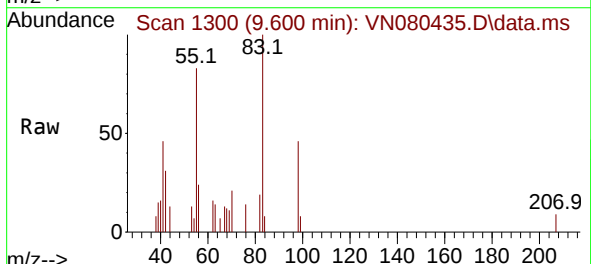
Tgt Ion: 117 Resp: 6284
Ion Ratio Lower Upper
117 100
119 69.1 77.3 115.9#
121 22.5 23.3 34.9#

Manual Integrations
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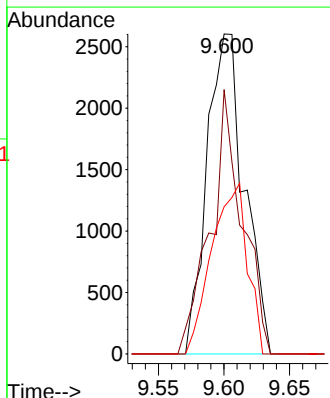
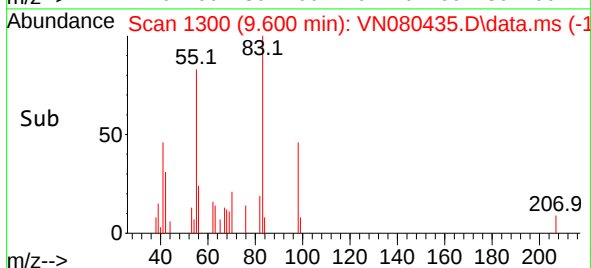
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

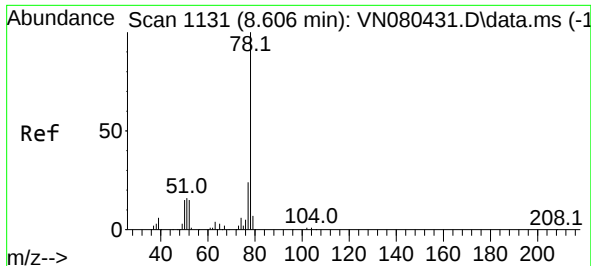


#39
Methylcyclohexane
Concen: 0.950 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



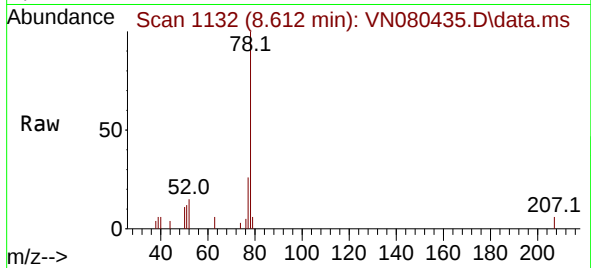
Tgt Ion: 83 Resp: 5158
Ion Ratio Lower Upper
83 100
55 82.6 49.1 73.7#
98 46.0 40.6 61.0





#40
Benzene
Concen: 0.994 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

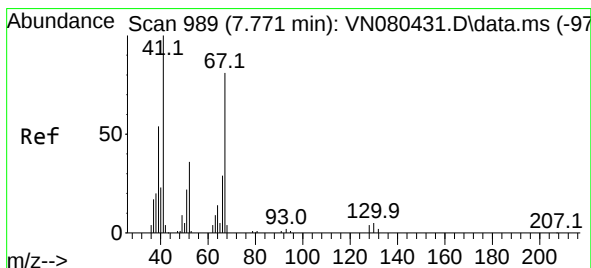
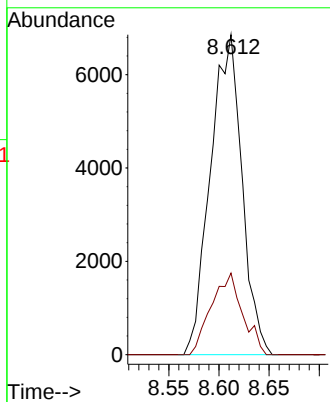
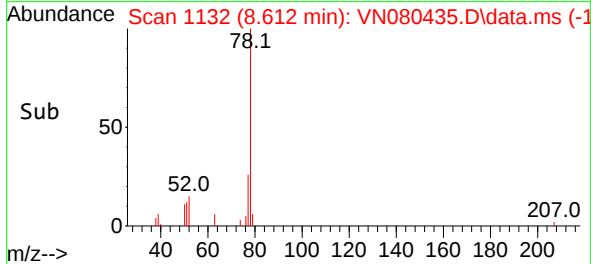
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 78 Resp: 1500
Ion Ratio Lower Upper
78 100
77 25.5 19.0 28.6

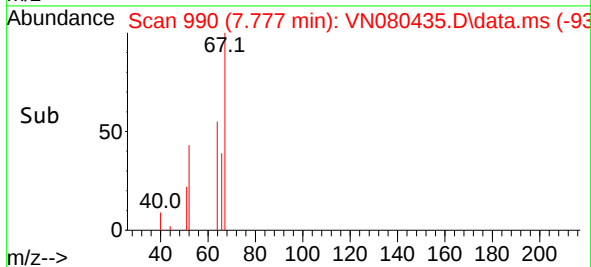
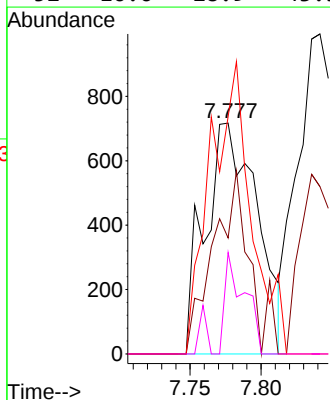
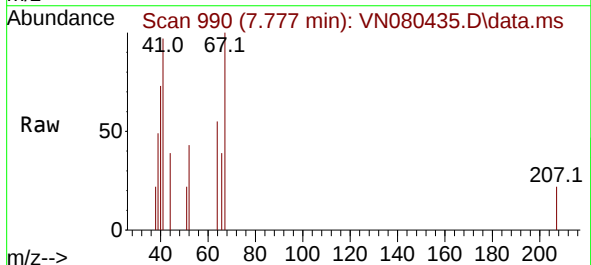
Manual Integrations
APPROVED

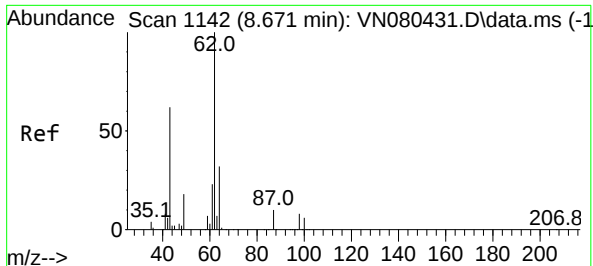
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#41
Methacrylonitrile
Concen: 0.970 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 41 Resp: 1830
Ion Ratio Lower Upper
41 100
39 54.8 42.6 64.0
67 99.9 77.5 116.3
52 16.6 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.959 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 5360

Ion Ratio Lower Upper

62 100

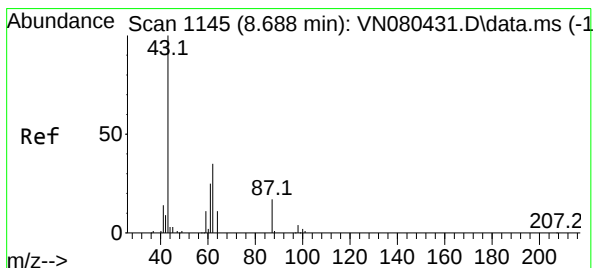
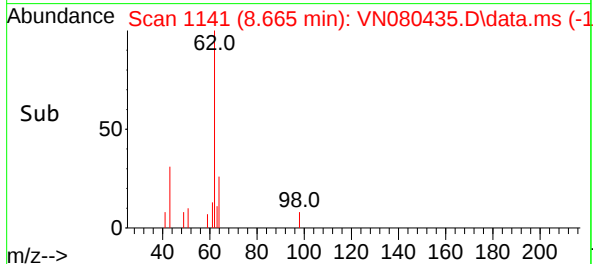
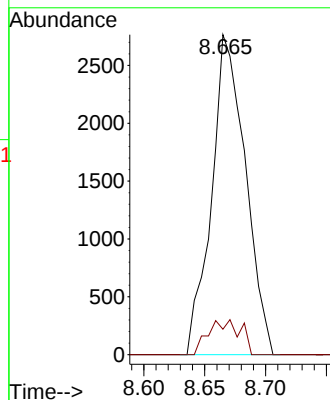
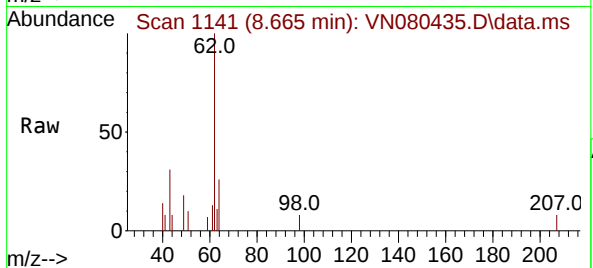
98 10.3 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#43

Isopropyl Acetate

Concen: 0.885 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

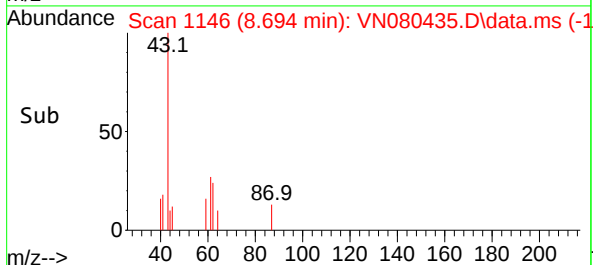
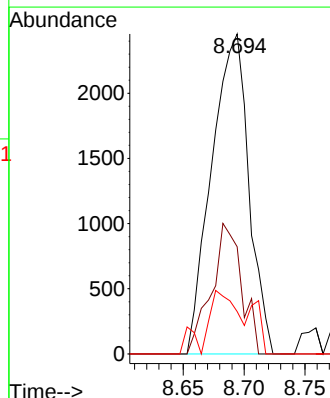
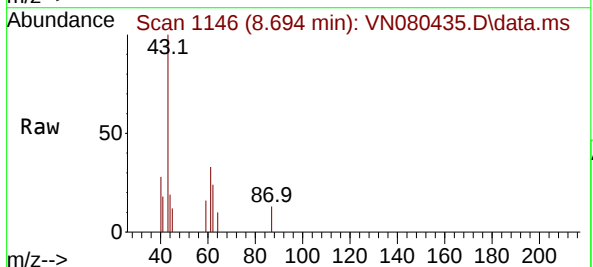
Tgt Ion: 43 Resp: 5210

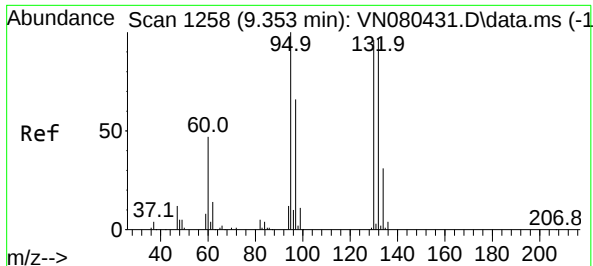
Ion Ratio Lower Upper

43 100

61 33.1 24.7 37.1

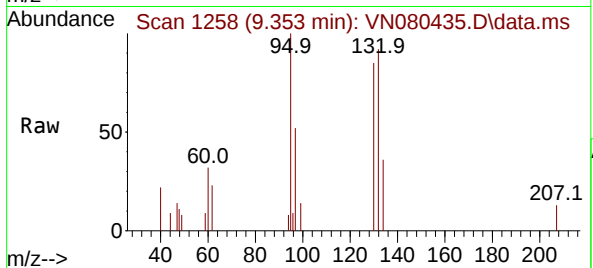
87 16.9 14.6 21.8





#44
Trichloroethene
Concen: 1.013 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

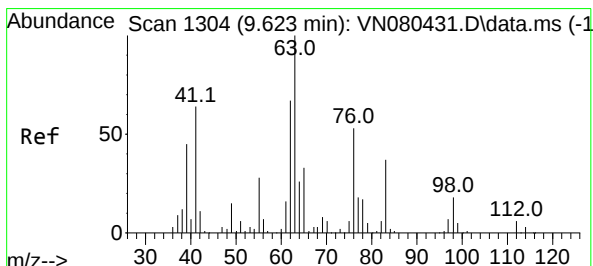
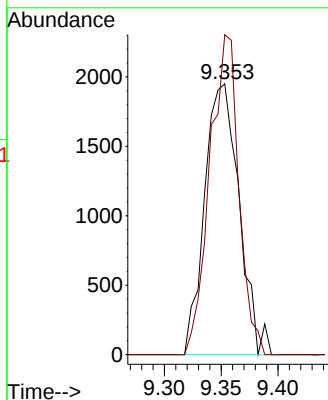
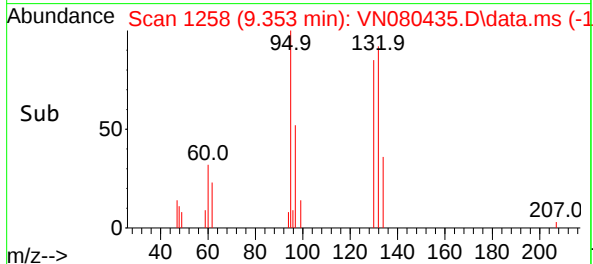
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



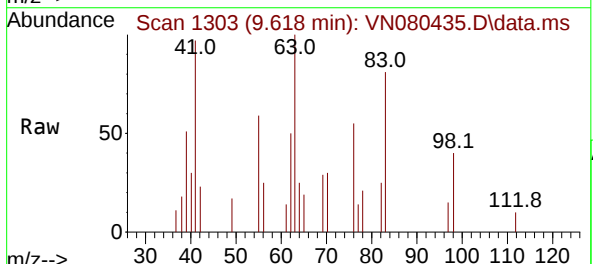
Tgt Ion:130 Resp: 4120
Ion Ratio Lower Upper
130 100
95 118.2 0.0 204.6

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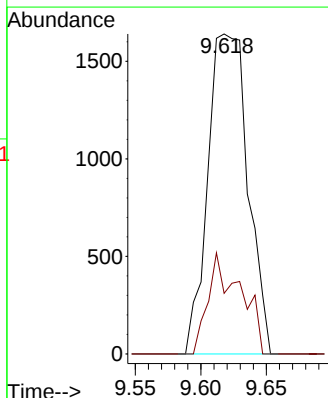
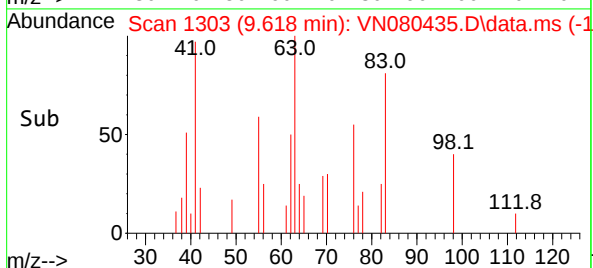
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

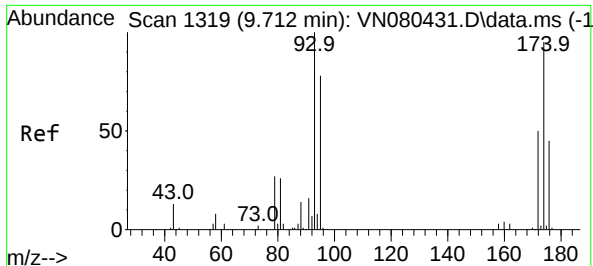


#45
1,2-Dichloropropane
Concen: 0.984 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



Tgt Ion: 63 Resp: 3487
Ion Ratio Lower Upper
63 100
65 19.0 23.9 35.9#





#46
Dibromomethane
Concen: 0.898 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

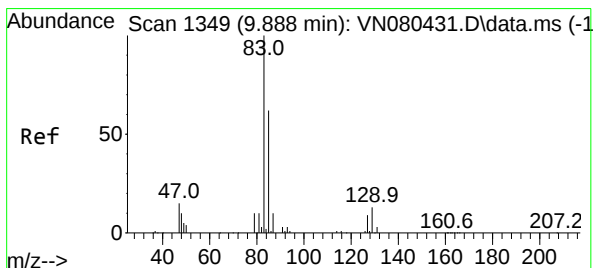
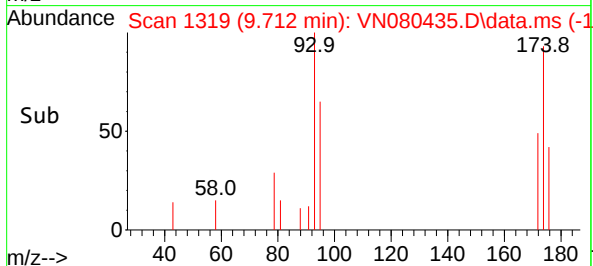
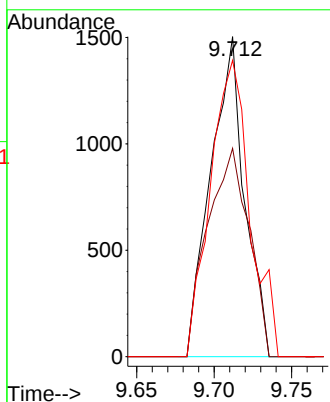
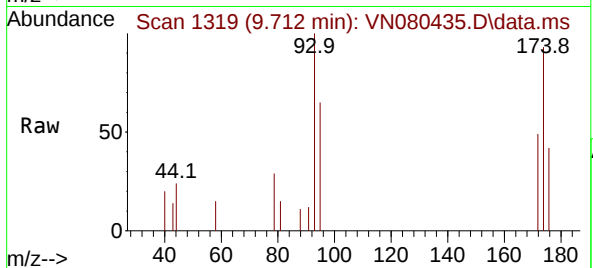
Tgt Ion: 93 Resp: 2280
Ion Ratio Lower Upper
93 100
95 79.7 63.8 95.8
174 108.0 65.6 98.4

Manual Integrations

APPROVED

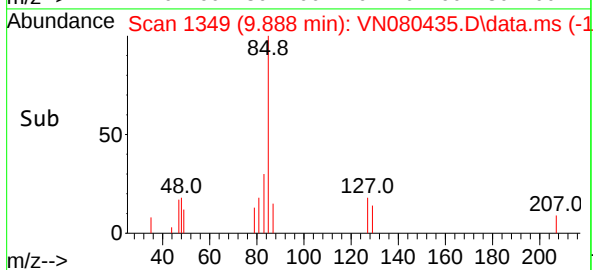
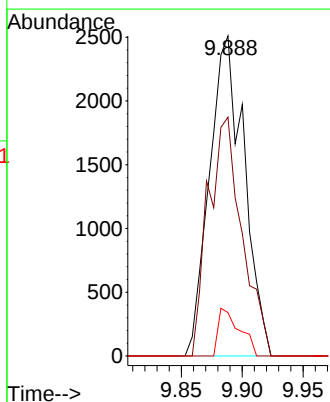
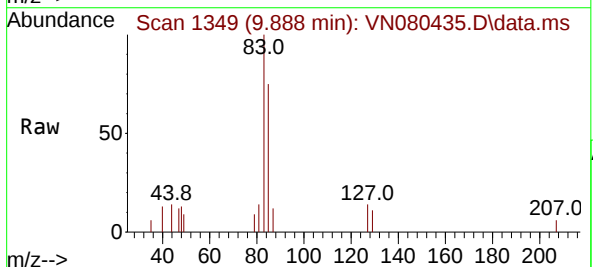
Reviewed By :John Carlone 12/13/2023

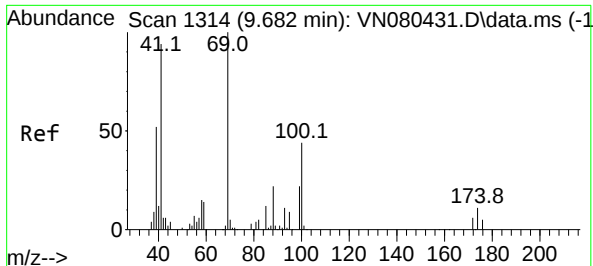
Supervised By :Mahesh Dadoda 12/13/2023



#47
Bromodichloromethane
Concen: 0.911 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 83 Resp: 4970
Ion Ratio Lower Upper
83 100
85 74.6 49.6 74.4#
127 13.5 7.0 10.6#





#48

Methyl methacrylate

Concen: 1.058 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 371

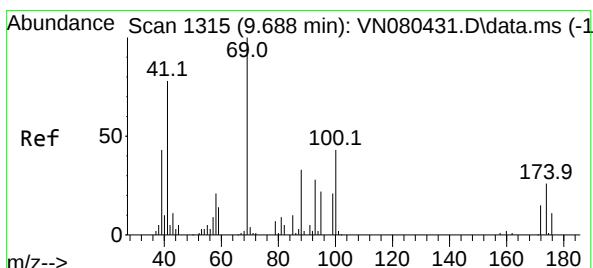
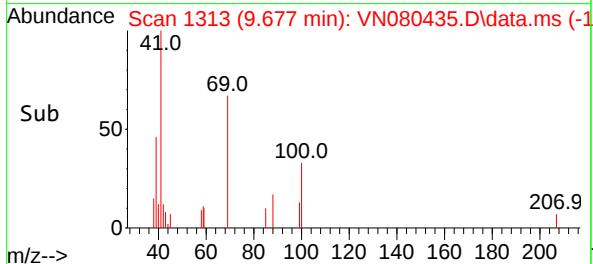
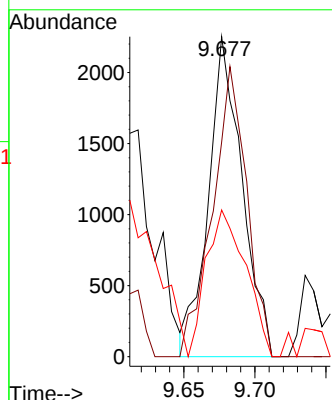
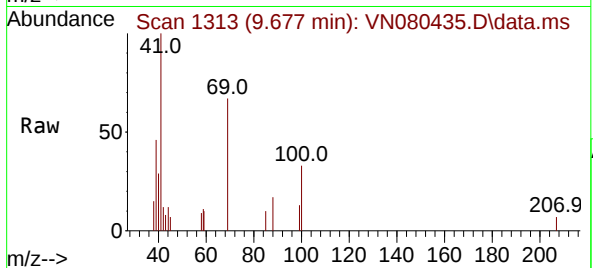
Ion	Ratio	Lower	Upper
41	100		
69	92.4	90.4	135.6
39	53.8	54.6	81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#49

1,4-Dioxane

Concen: 23.635 ug/l

RT: 9.694 min Scan# 1316

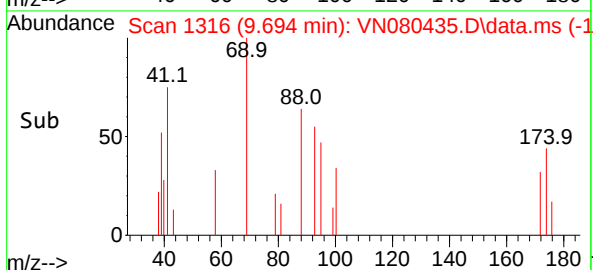
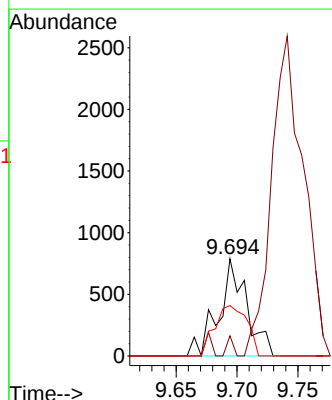
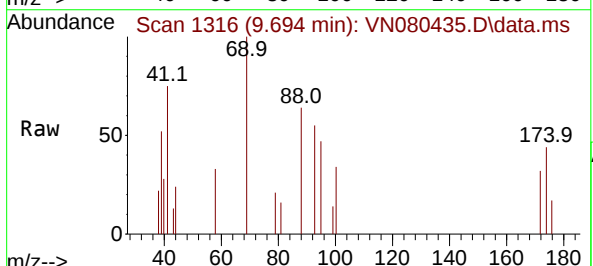
Delta R.T. 0.006 min

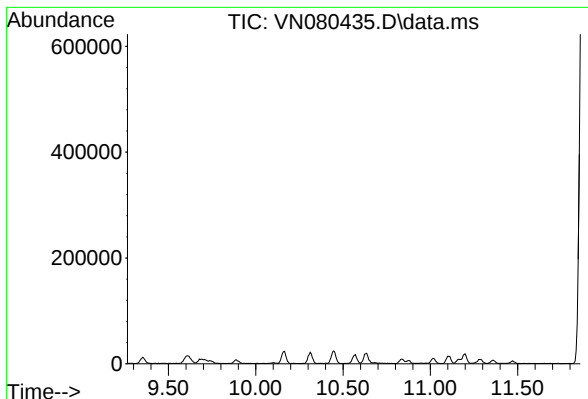
Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Tgt Ion: 88 Resp: 1258

Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.0	25.6
58	59.9	47.0	70.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.56 min

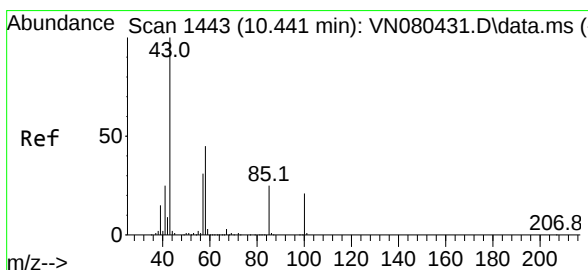
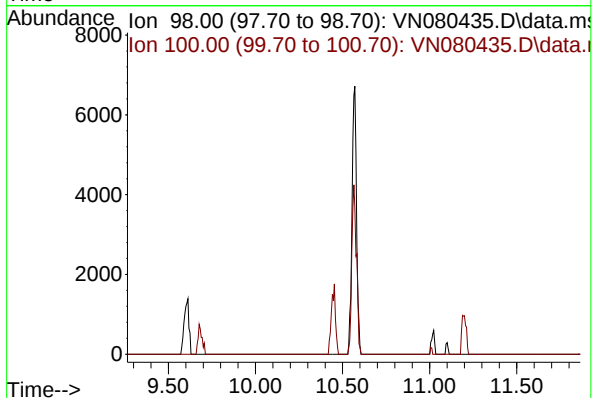
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

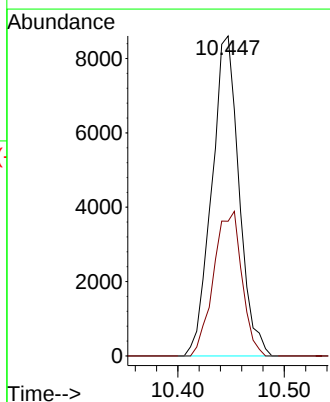
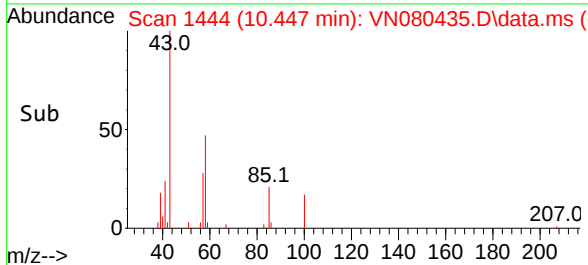
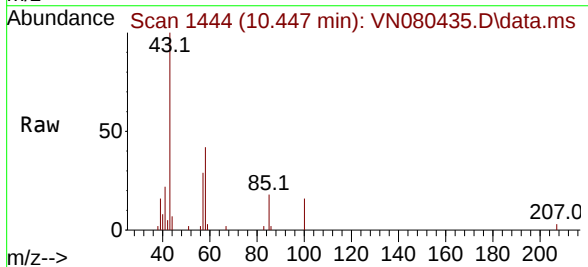
Manual Integrations APPROVED

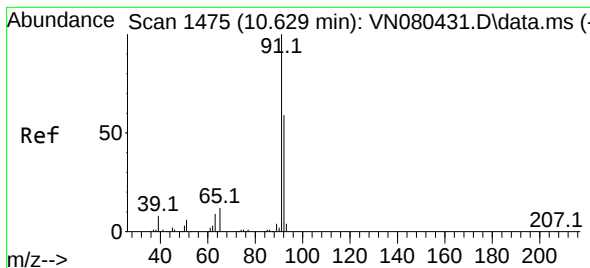
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#51
4-Methyl-2-Pentanone
Concen: 4.720 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 43 Resp: 15297
Ion Ratio Lower Upper
43 100
58 46.8 36.6 54.8





#52

Toluene

Concen: 0.958 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 913

Ion Ratio Lower Upper

92 100

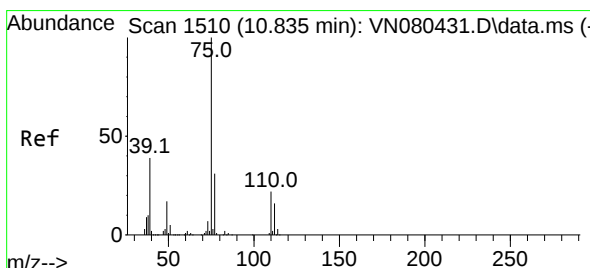
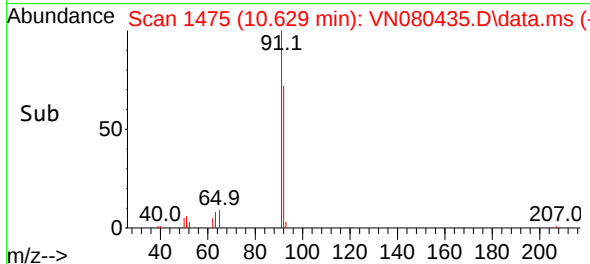
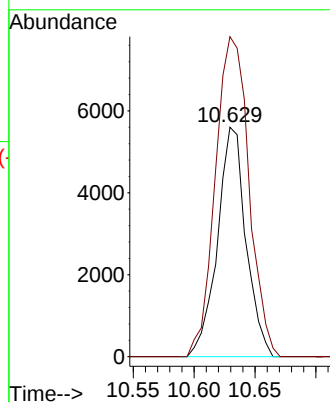
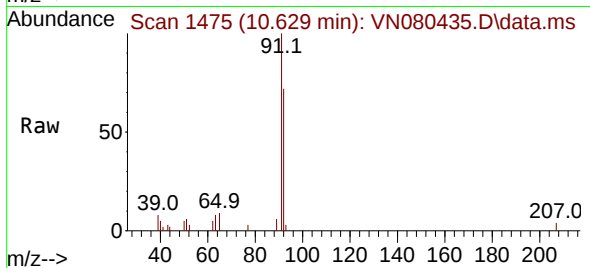
91 164.0 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#53

t-1,3-Dichloropropene

Concen: 0.898 ug/l

RT: 10.829 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VN080435.D

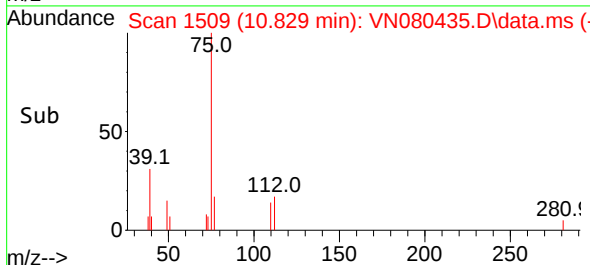
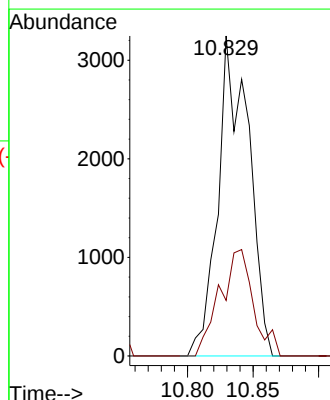
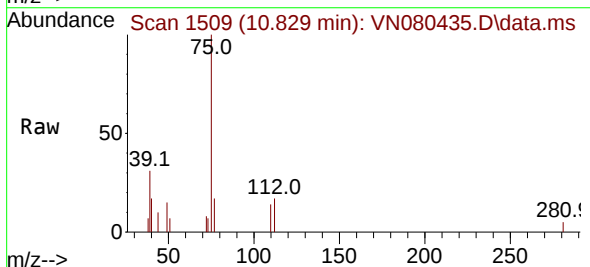
Acq: 12 Dec 2023 12:31

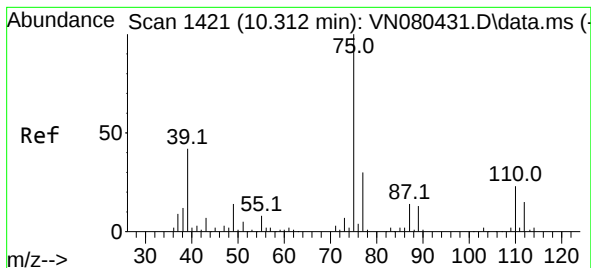
Tgt Ion: 75 Resp: 5301

Ion Ratio Lower Upper

75 100

77 17.3 25.4 38.0#





#54
cis-1,3-Dichloropropene
Concen: 0.893 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

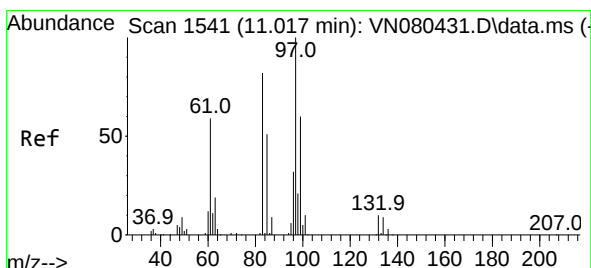
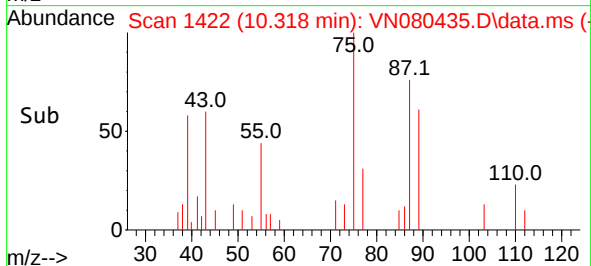
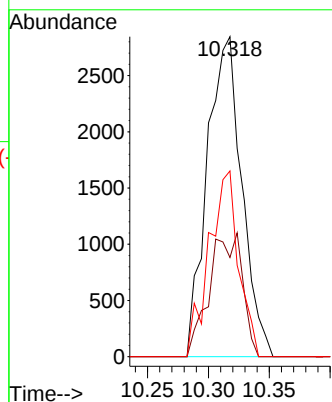
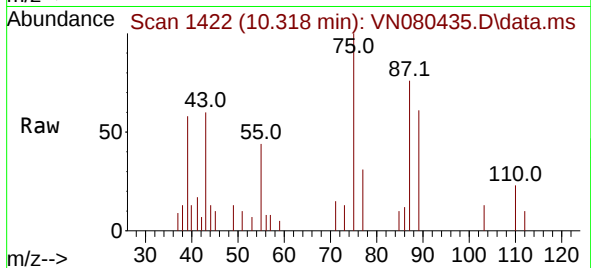
VSTDICC001

Tgt Ion: 75 Resp: 5630
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 58.0 31.6 47.4

Manual Integrations

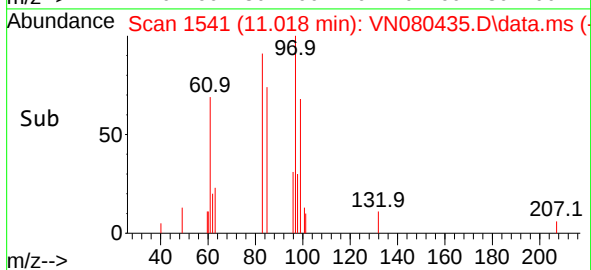
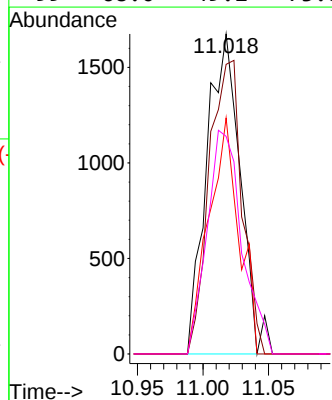
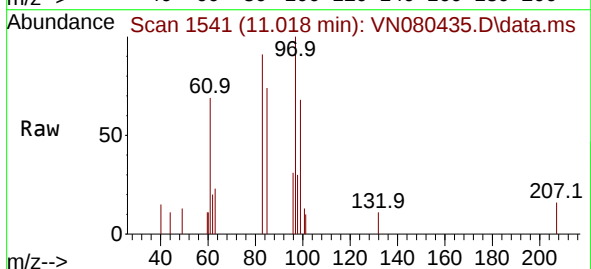
APPROVED

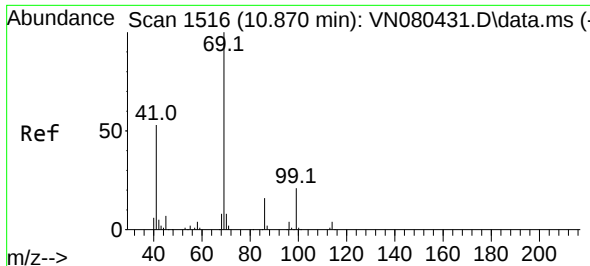
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#55
1,1,2-Trichloroethane
Concen: 0.872 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 97 Resp: 2990
Ion Ratio Lower Upper
97 100
83 90.5 65.1 97.7
85 73.7 43.4 65.2#
99 68.0 49.2 73.8





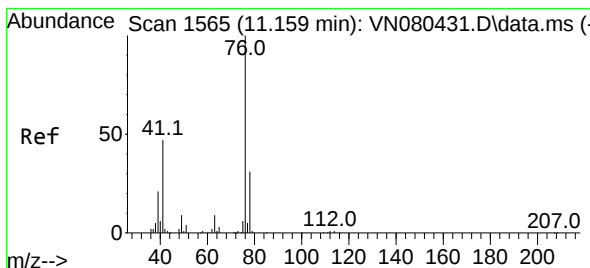
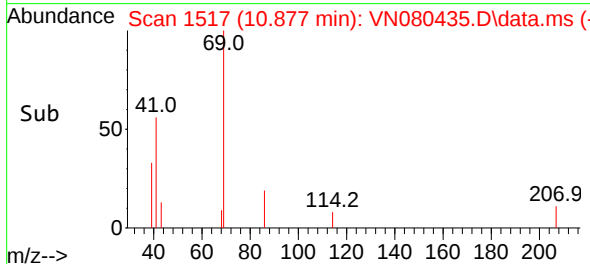
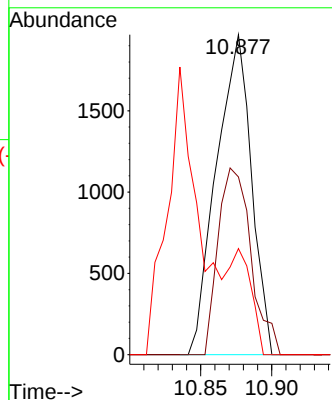
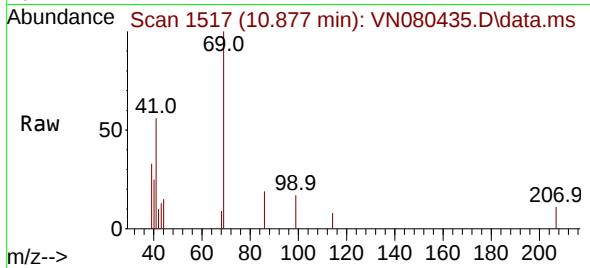
#56
Ethyl methacrylate
Concen: 0.887 ug/l
RT: 10.877 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 3369
Ion Ratio Lower Upper
69 100
41 55.0 39.6 59.4
39 0.0 28.6 43.0

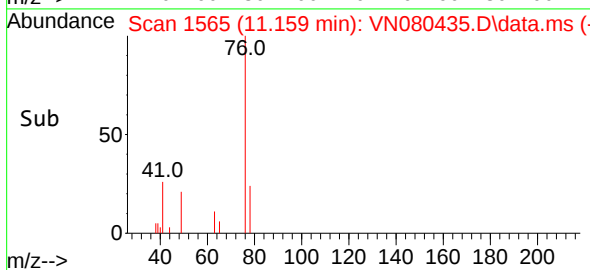
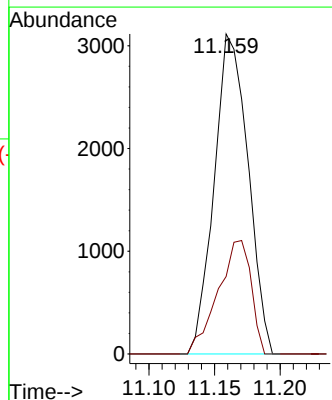
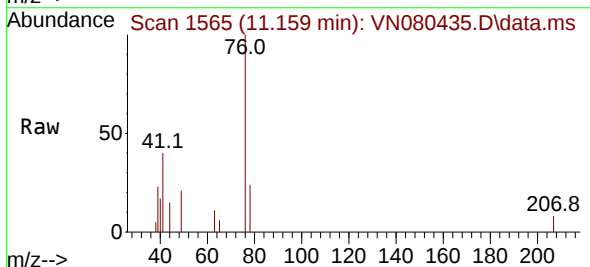
Manual Integrations
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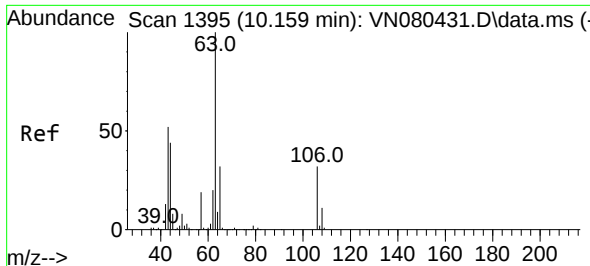
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#57
1,3-Dichloropropane
Concen: 0.930 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 76 Resp: 5591
Ion Ratio Lower Upper
76 100
78 34.6 26.1 39.1





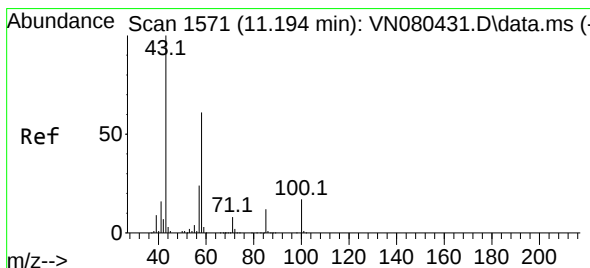
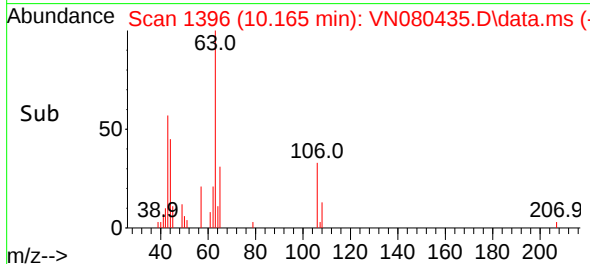
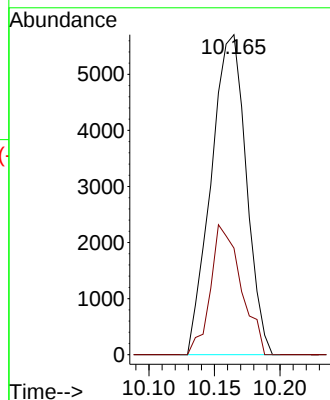
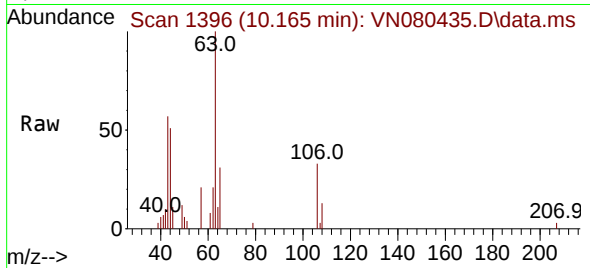
#58
2-Chloroethyl Vinyl ether
Concen: 4.427 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 10610
Ion Ratio Lower Upper
63 100
106 35.4 26.2 39.4

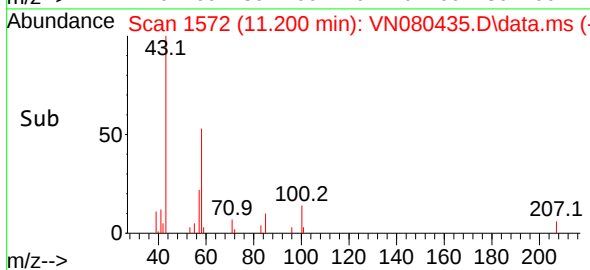
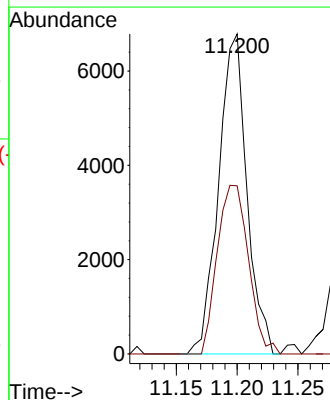
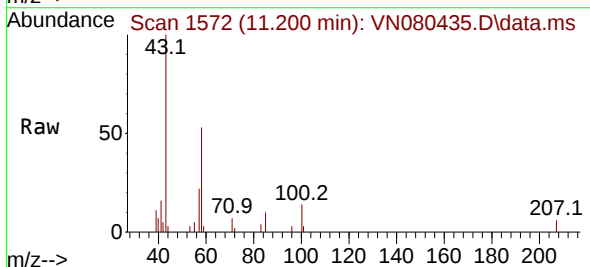
Manual Integrations
APPROVED

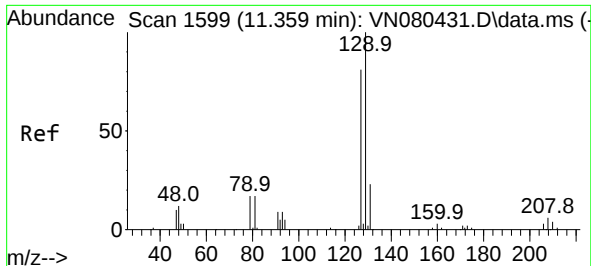
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#59
2-Hexanone
Concen: 4.588 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

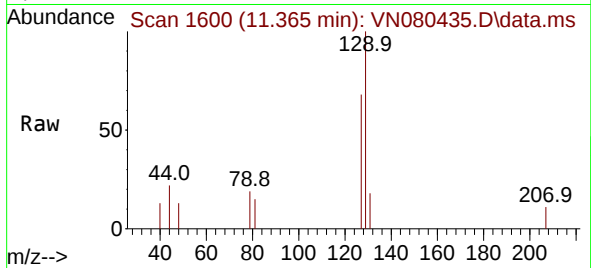
Tgt Ion: 43 Resp: 10977
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1





#60
Dibromochloromethane
Concen: 0.933 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

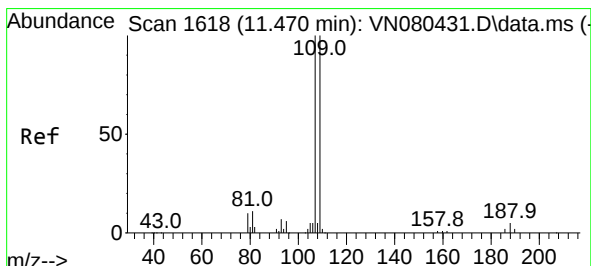
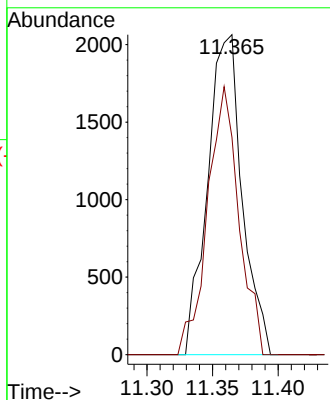
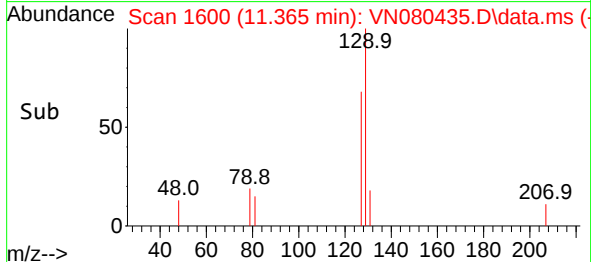
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



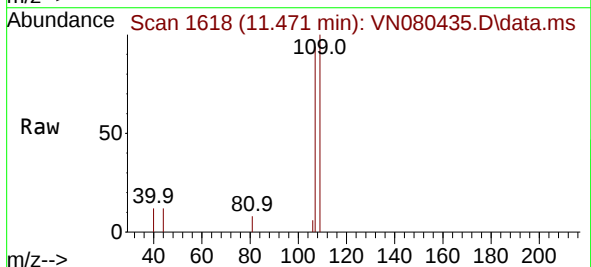
Tgt Ion:129 Resp: 3792
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0

Manual Integrations
APPROVED

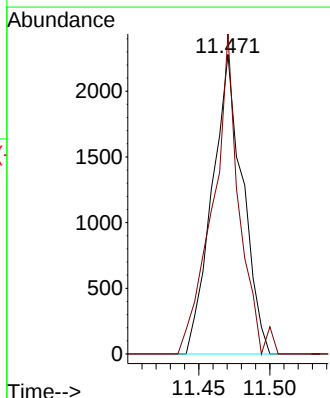
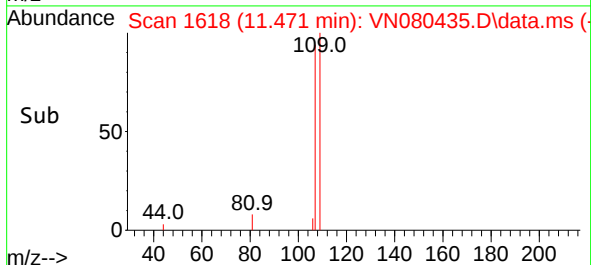
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

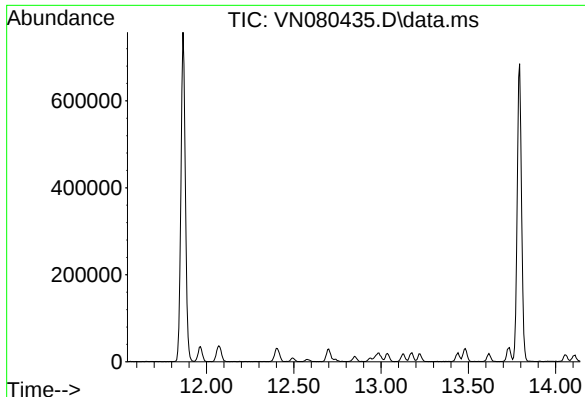


#61
1,2-Dibromoethane
Concen: 0.963 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



Tgt Ion:107 Resp: 3418
Ion Ratio Lower Upper
107 100
109 91.9 76.6 114.8





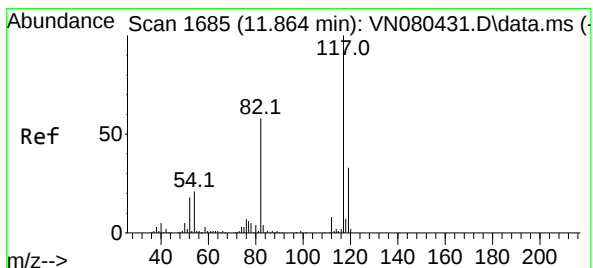
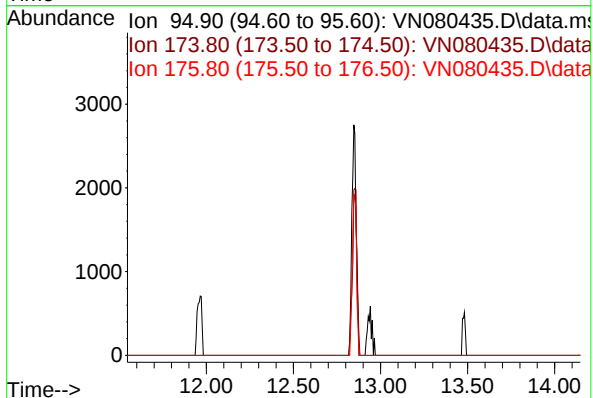
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

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

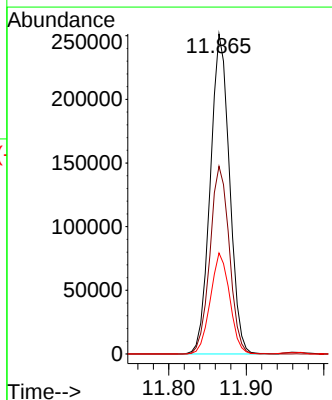
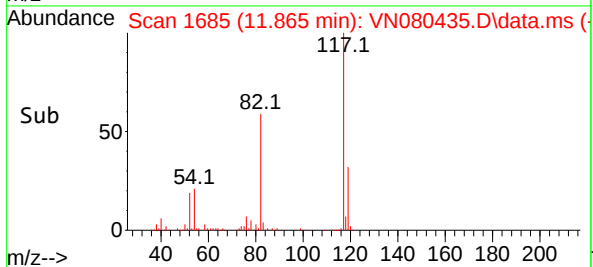
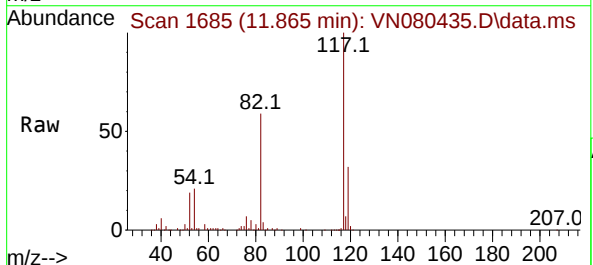
Manual Integrations APPROVED

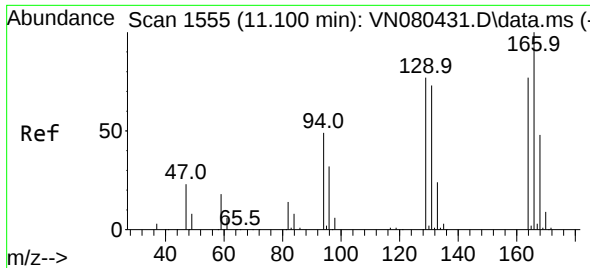
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

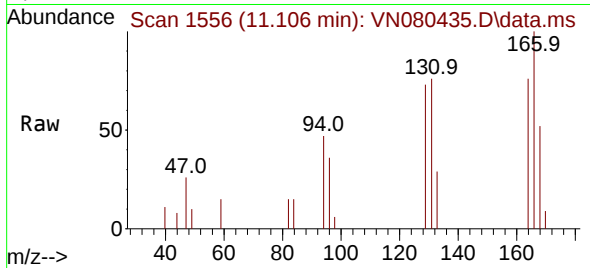
Tgt Ion:117 Resp: 432904
 Ion Ratio Lower Upper
 117 100
 82 58.7 44.0 66.0
 119 31.6 25.6 38.4





#64
Tetrachloroethene
Concen: 0.982 ug/l
RT: 11.106 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

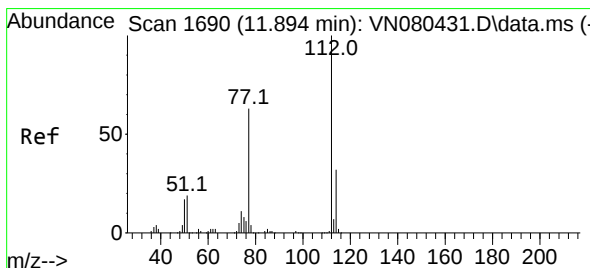
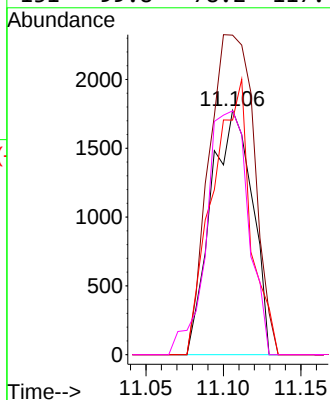
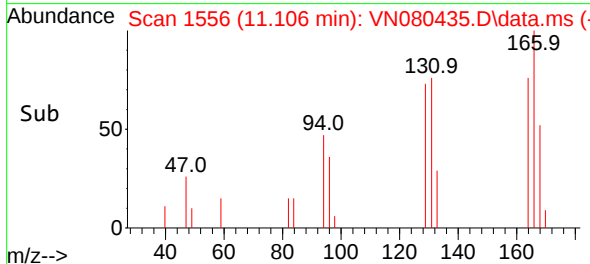
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 328
Ion Ratio Lower Upper
164 100
166 130.8 101.4 152.0
129 96.0 82.4 123.6
131 99.8 78.2 117.4

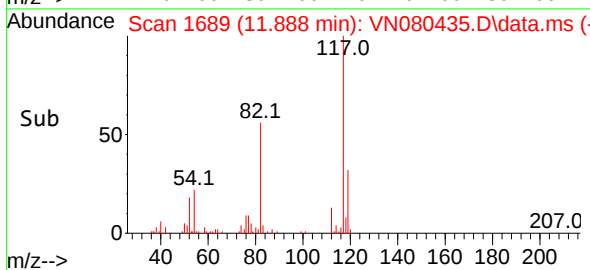
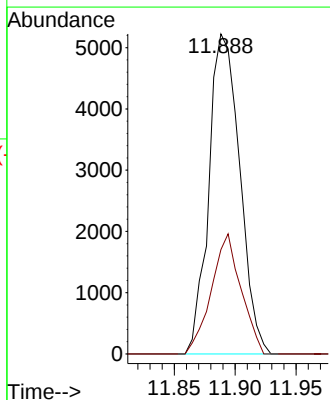
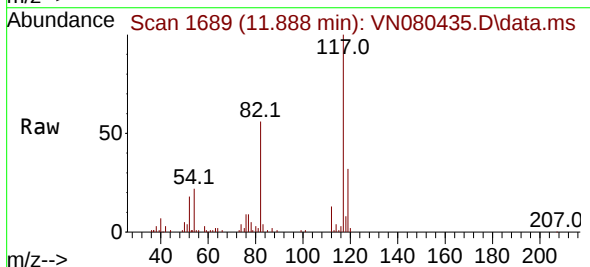
Manual Integrations
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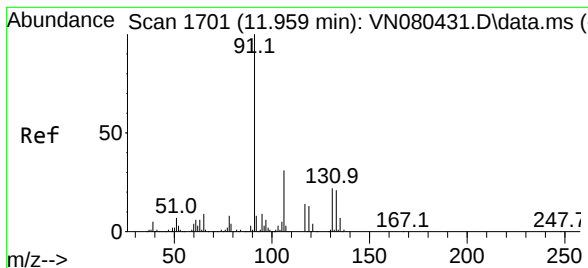
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#65
Chlorobenzene
Concen: 0.960 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion:112 Resp: 9241
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4





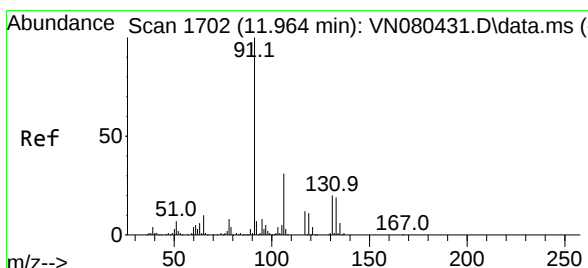
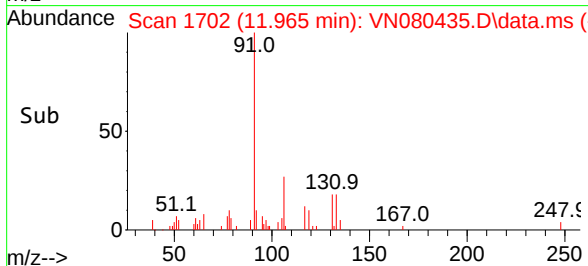
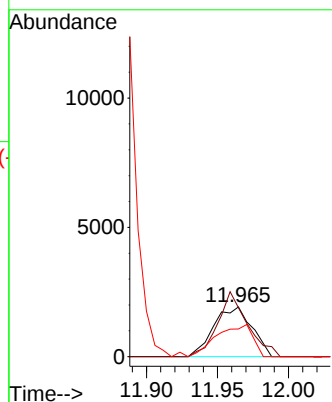
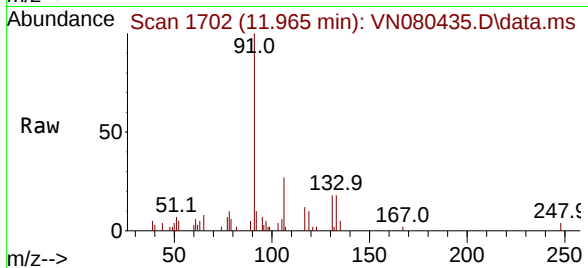
#66
1,1,1,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:131 Resp: 360
Ion Ratio Lower Upper
131 100
133 101.9 46.4 139.1
119 0.0 34.1 102.2

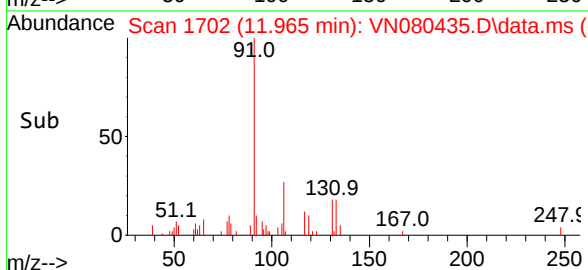
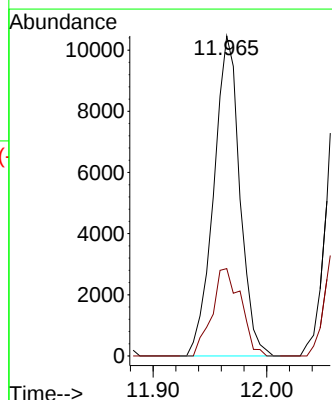
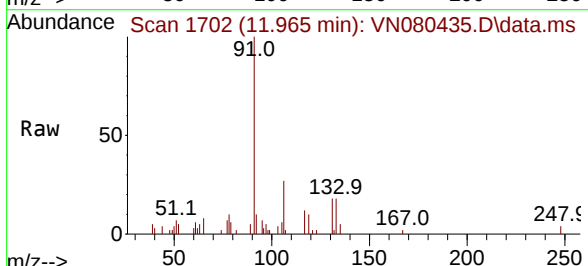
Manual Integrations
APPROVED

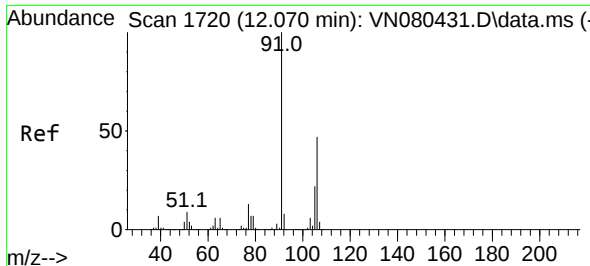
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#67
Ethyl Benzene
Concen: 0.944 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion: 91 Resp: 16715
Ion Ratio Lower Upper
91 100
106 27.3 25.6 38.4





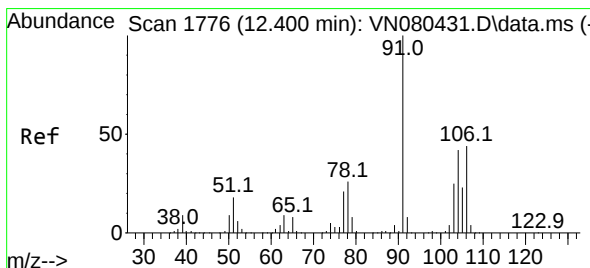
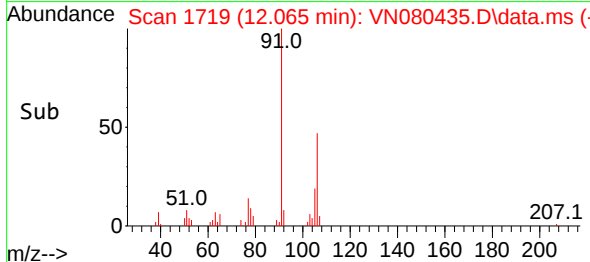
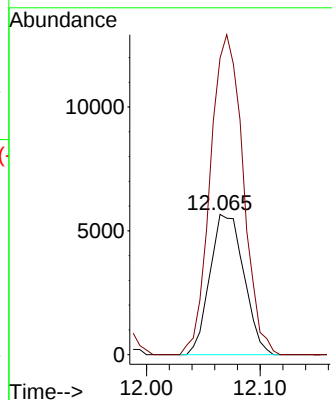
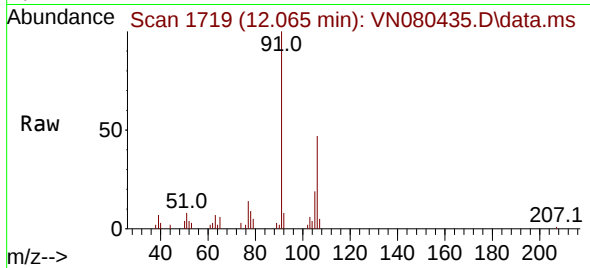
#68
m/p-Xylenes
Concen: 1.797 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 11760
Ion Ratio Lower Upper
106 100
91 220.2 159.6 239.4

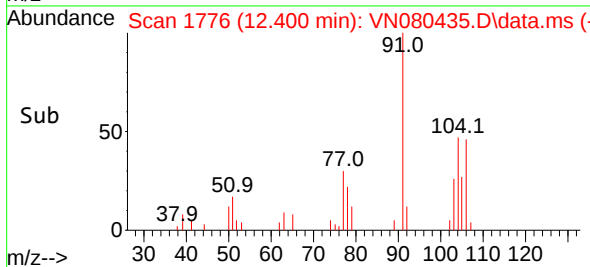
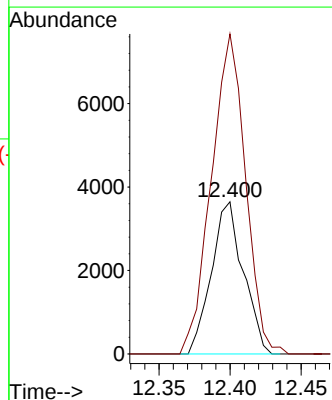
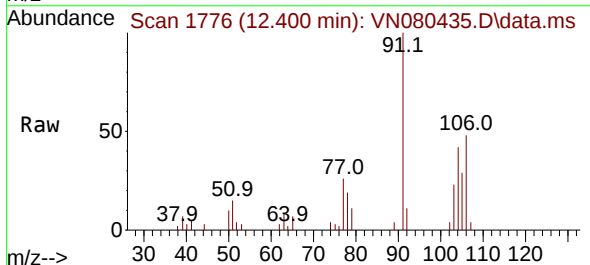
Manual Integrations
APPROVED

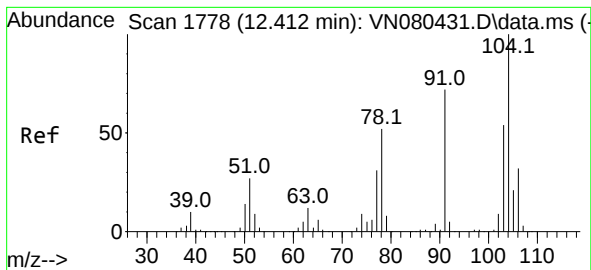
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#69
o-Xylene
Concen: 0.891 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion:106 Resp: 5702
Ion Ratio Lower Upper
106 100
91 224.9 105.2 315.5





#70

Styrene

Concen: 0.841 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

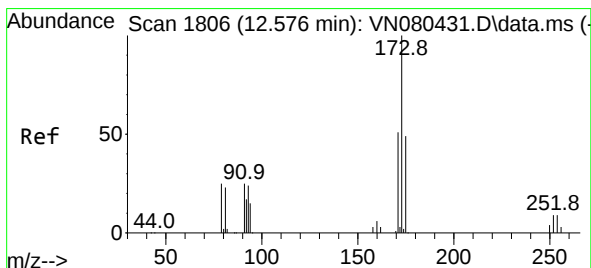
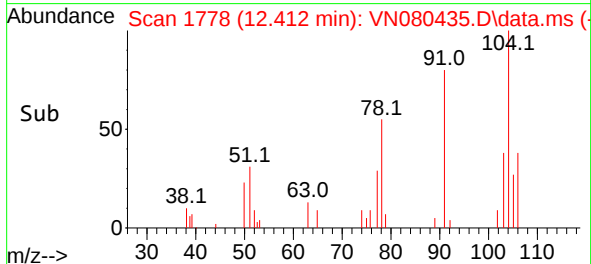
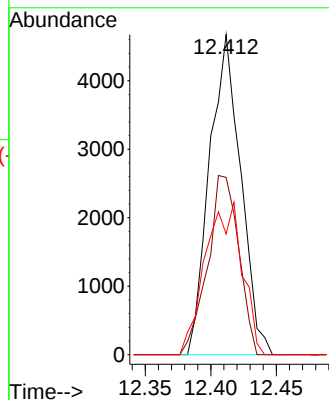
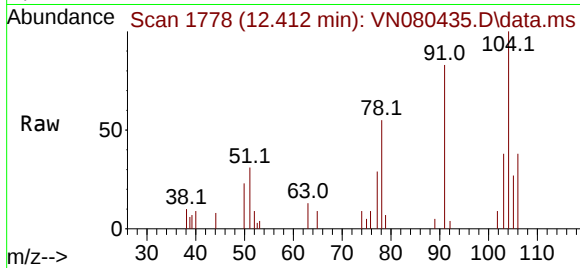
Tgt Ion:	104	Resp:	7749
Ion Ratio	Lower	Upper	
104	100		
78	55.6	39.5	59.3
103	56.3	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#71

Bromoform

Concen: 1.011 ug/l

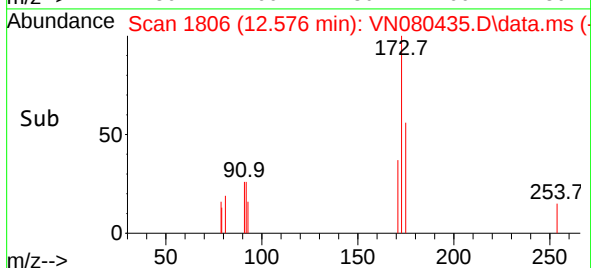
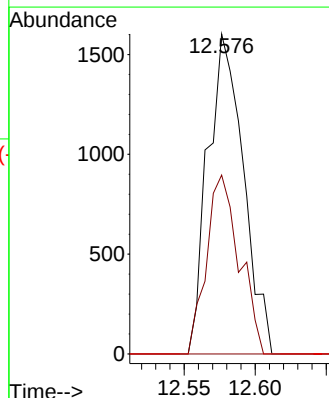
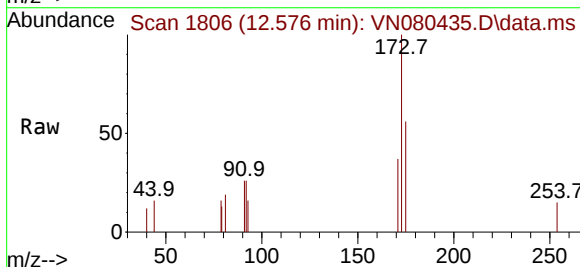
RT: 12.576 min Scan# 1806

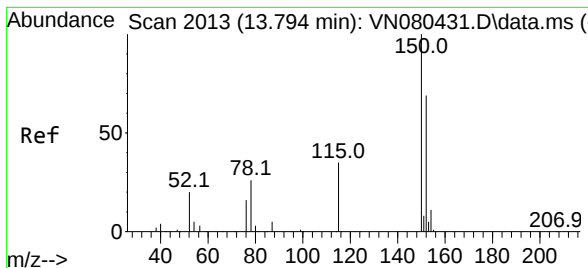
Delta R.T. 0.000 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

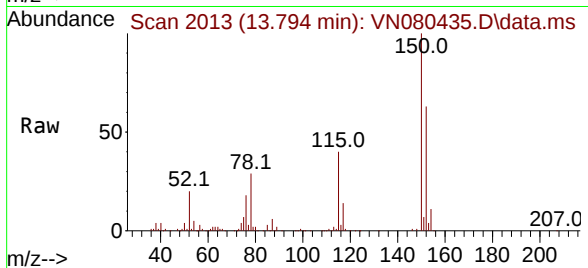
Tgt Ion:	173	Resp:	2786
Ion Ratio	Lower	Upper	
173	100		
175	51.8	24.3	73.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

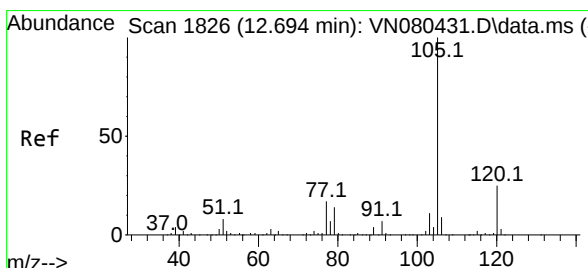
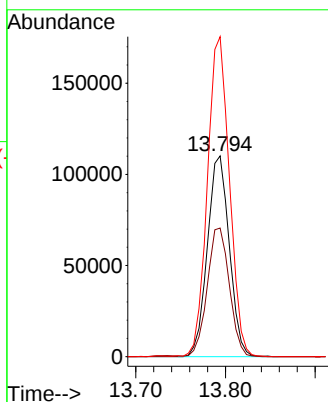
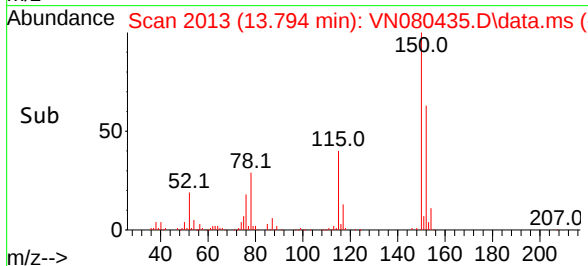
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



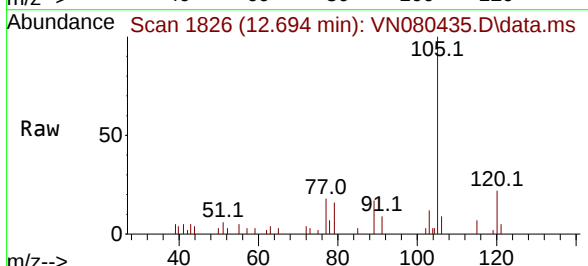
Tgt Ion:152 Resp: 18680
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 160.0 0.0 355.8

Manual Integrations
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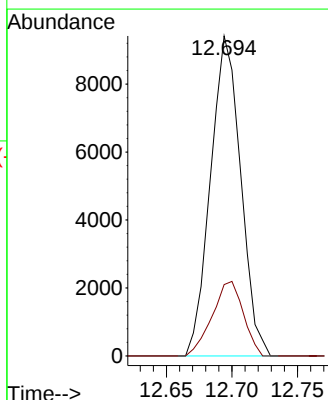
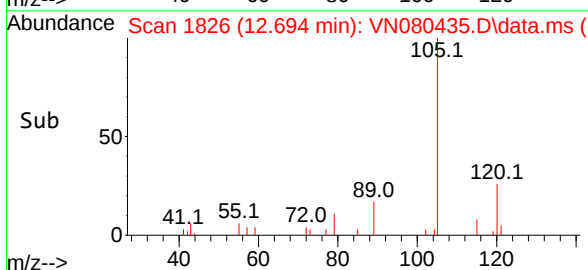
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

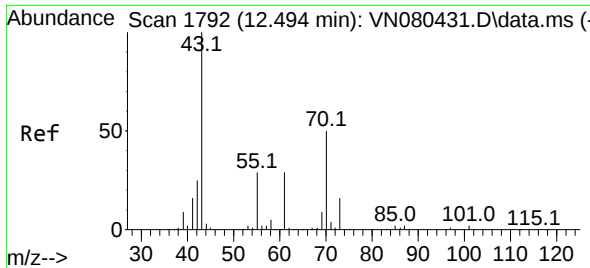


#73
Isopropylbenzene
Concen: 1.005 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



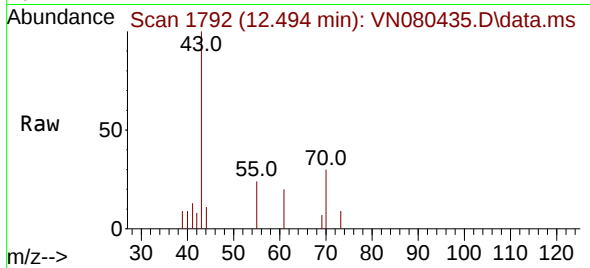
Tgt Ion:105 Resp: 15082
Ion Ratio Lower Upper
105 100
120 24.0 13.1 39.1





#74
N-amy1 acetate
Concen: 1.086 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

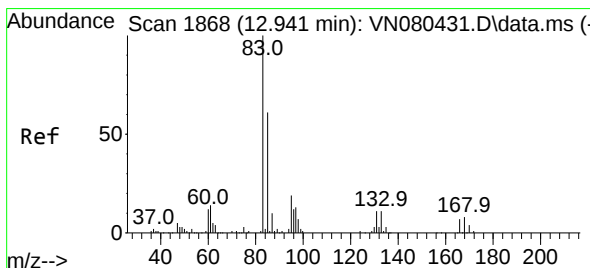
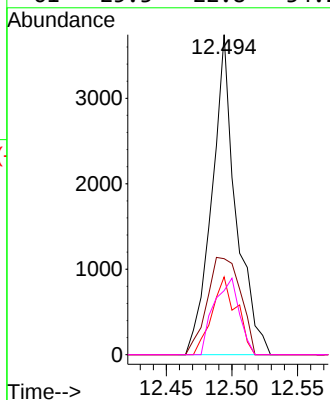
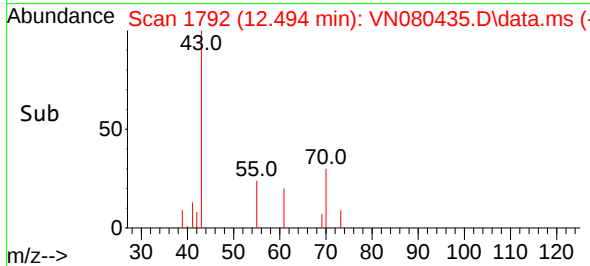
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:	43	Resp:	476
Ion	Ratio	Lower	Upper
43	100		
70	42.6	43.4	65.2
55	24.9	21.4	32.0
61	25.3	22.8	34.2

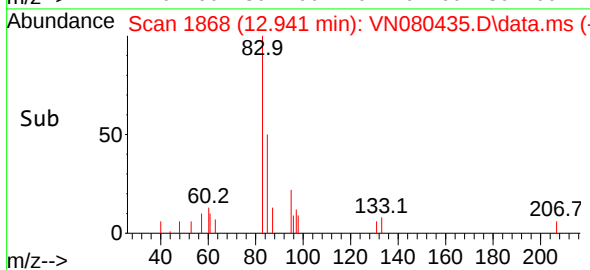
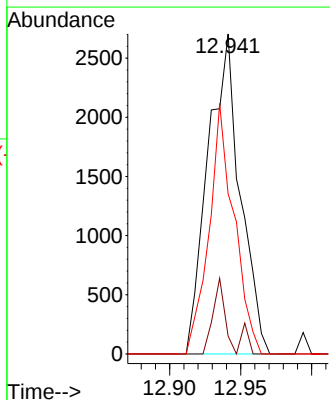
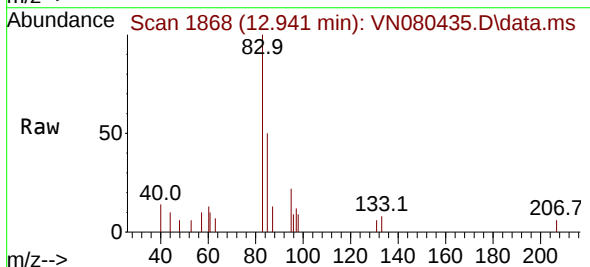
Manual Integrations
APPROVED

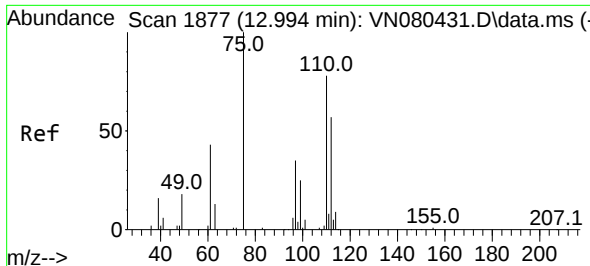
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.062 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion:	83	Resp:	4272
Ion	Ratio	Lower	Upper
83	100		
131	8.7	5.0	15.0
85	60.7	31.9	95.7





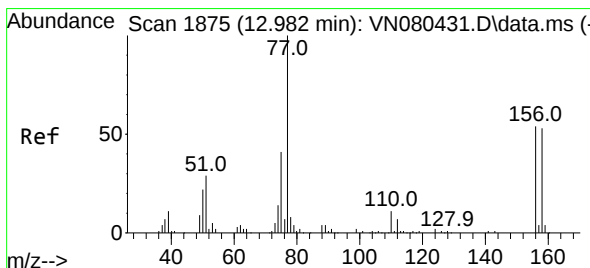
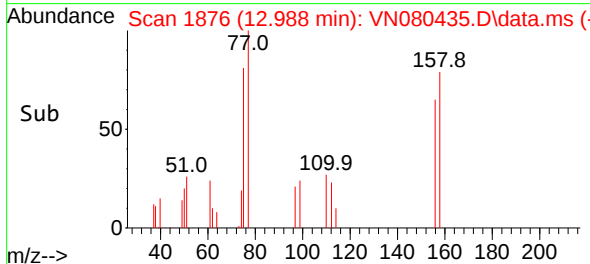
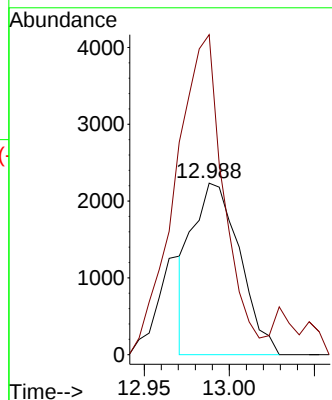
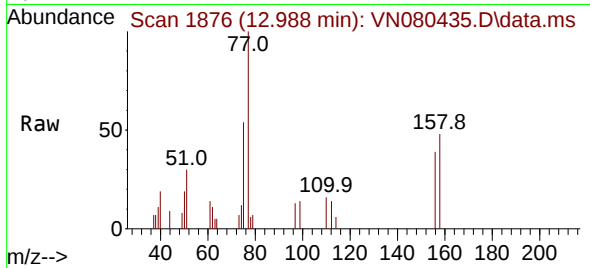
#76
1,2,3-Trichloropropane
Concen: 1.065 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 433
Ion Ratio Lower Upper
75 100
77 190.9 84.5 253.5

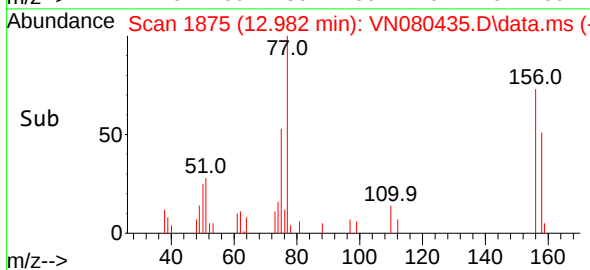
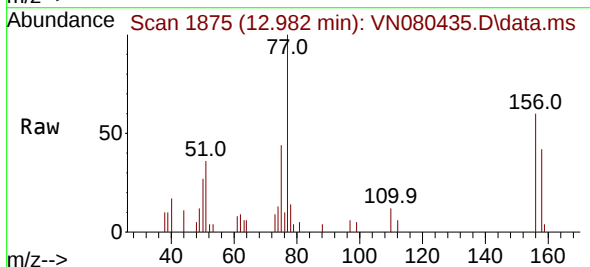
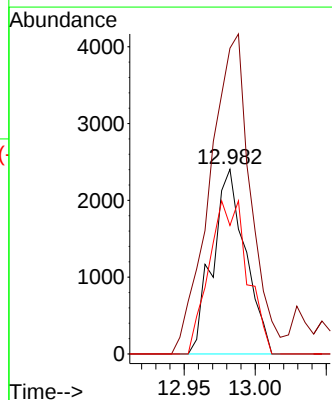
Manual Integrations
APPROVED

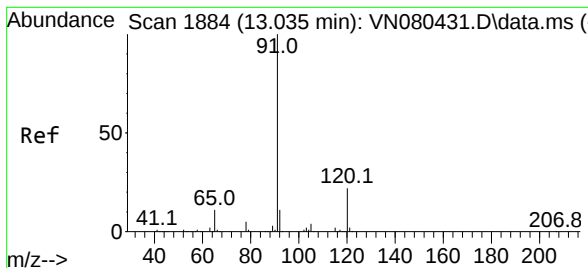
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#77
Bromobenzene
Concen: 1.048 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion:156 Resp: 3868
Ion Ratio Lower Upper
156 100
77 214.0 107.7 323.3
158 96.9 48.4 145.3





#78

n-propylbenzene

Concen: 0.914 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 1511

Ion Ratio Lower Upper

91 100

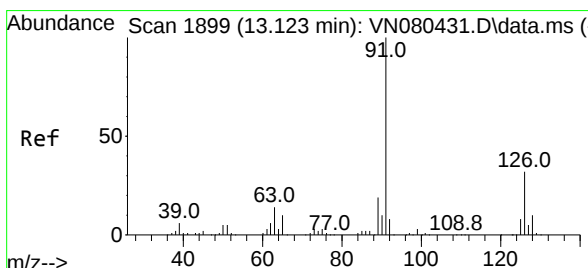
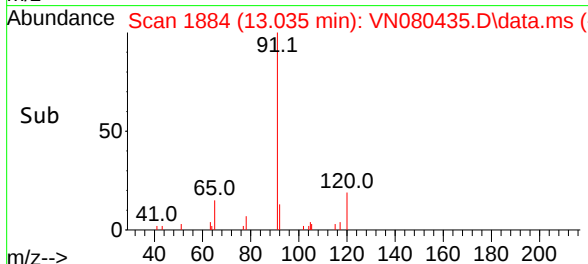
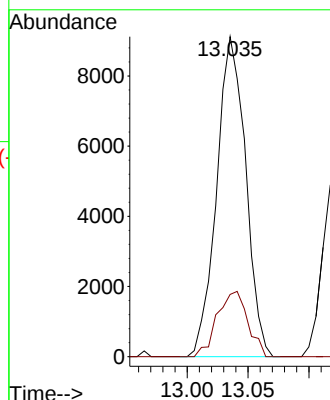
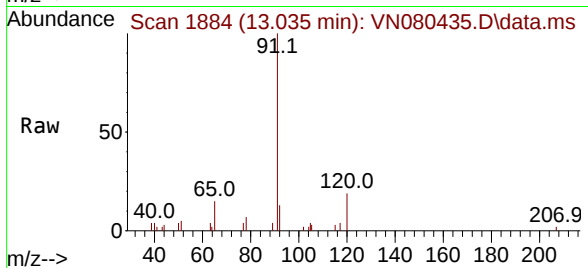
120 21.5 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#79

2-Chlorotoluene

Concen: 0.943 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080435.D

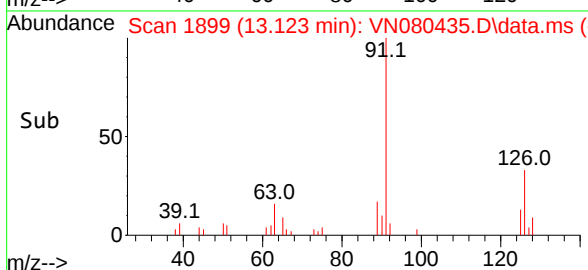
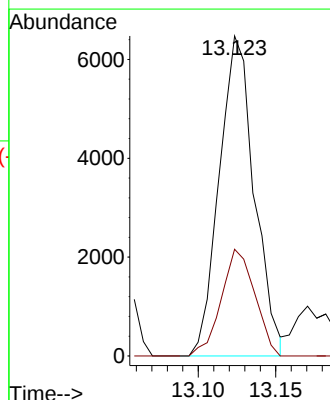
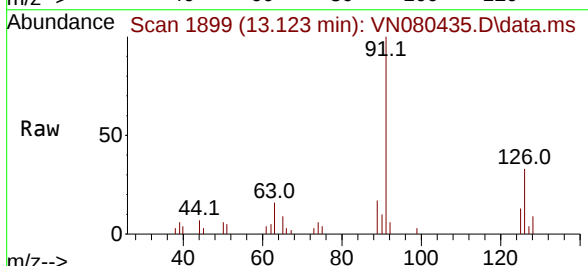
Acq: 12 Dec 2023 12:31

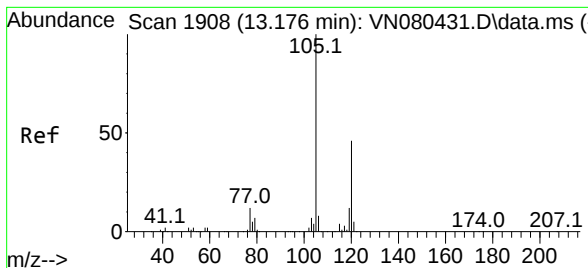
Tgt Ion: 91 Resp: 10188

Ion Ratio Lower Upper

91 100

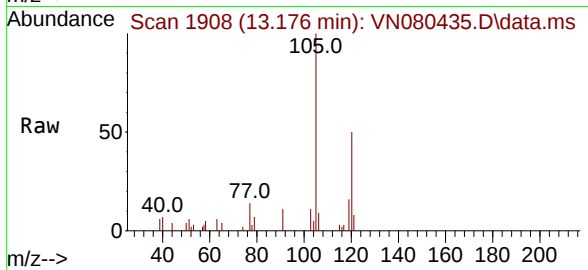
126 31.9 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 0.932 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

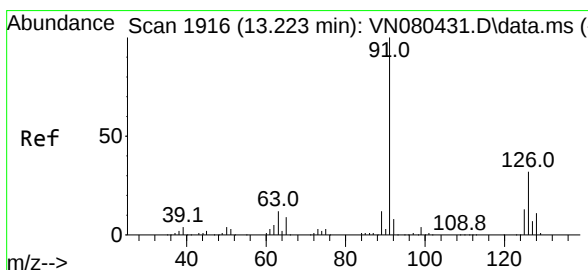
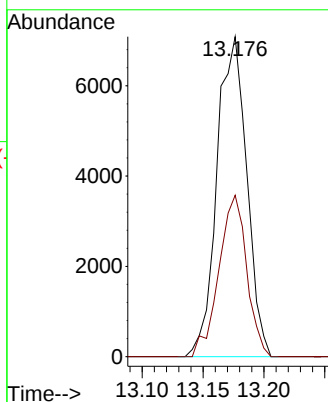
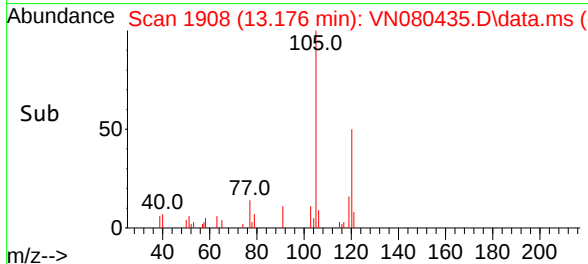
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



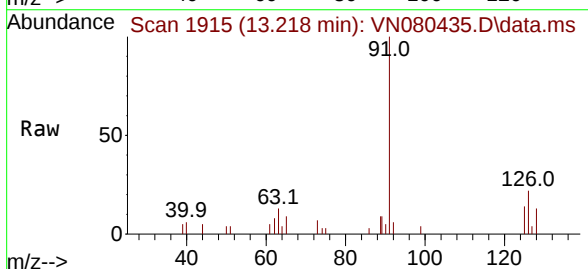
Tgt Ion:105 Resp: 1204
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

Manual Integrations
APPROVED

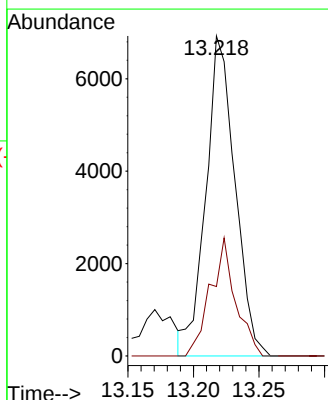
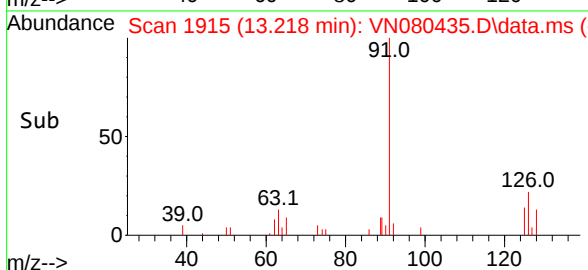
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

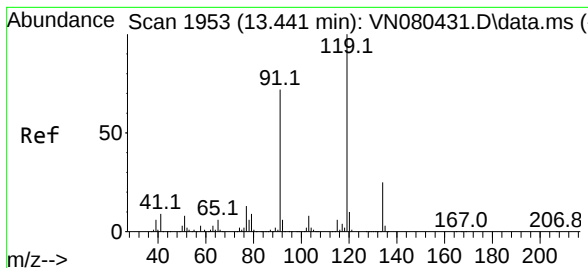


#82
4-Chlorotoluene
Concen: 0.963 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



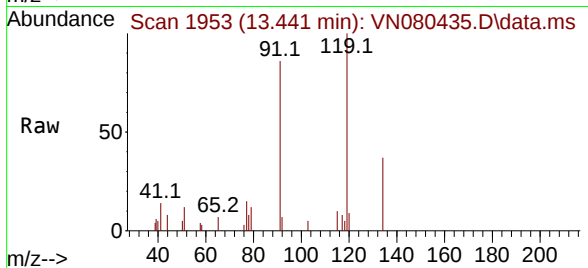
Tgt Ion: 91 Resp: 10694
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 0.910 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

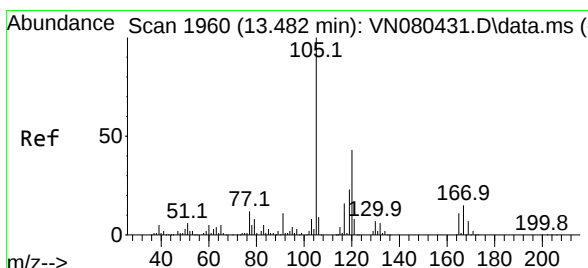
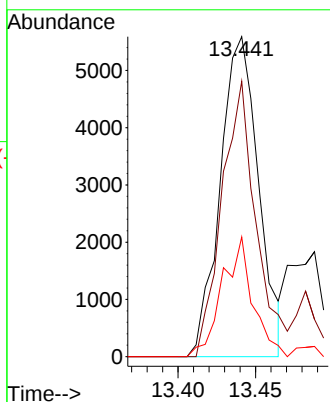
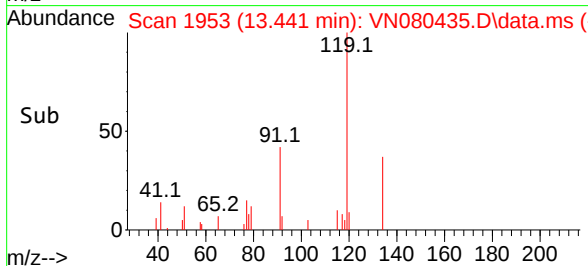
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



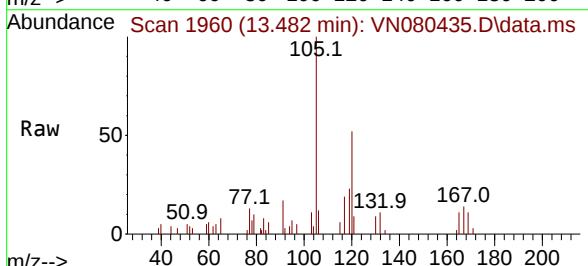
Tgt Ion:119 Resp: 962
Ion Ratio Lower Upper
119 100
91 76.9 33.9 101.7
134 29.9 13.2 39.6

Manual Integrations
APPROVED

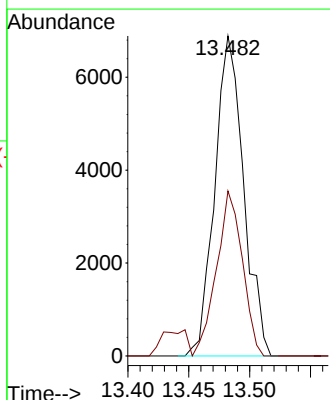
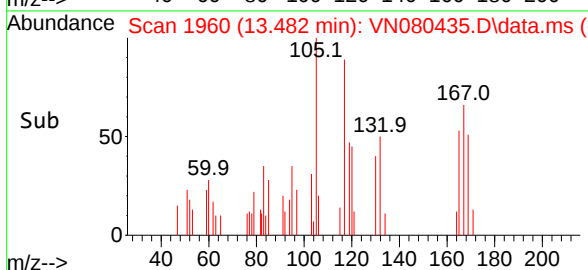
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

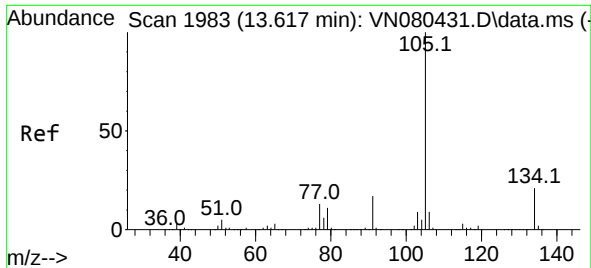


#84
1,2,4-Trimethylbenzene
Concen: 0.883 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



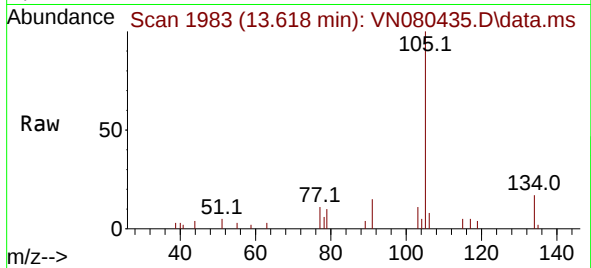
Tgt Ion:105 Resp: 11354
Ion Ratio Lower Upper
105 100
120 46.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 0.917 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

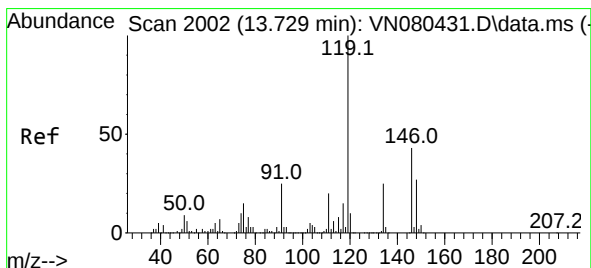
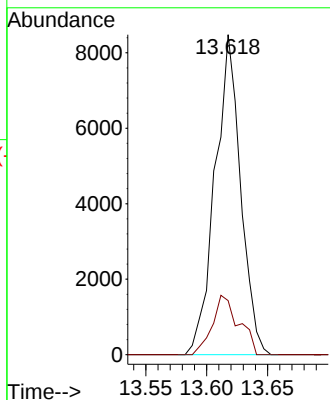
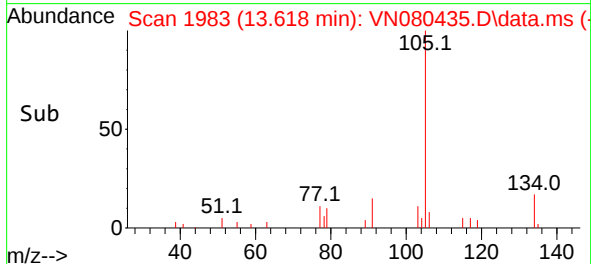
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



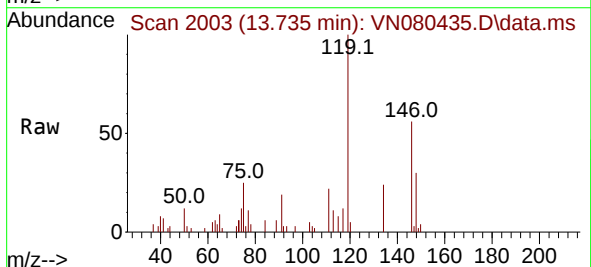
Tgt Ion:105 Resp: 1241
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
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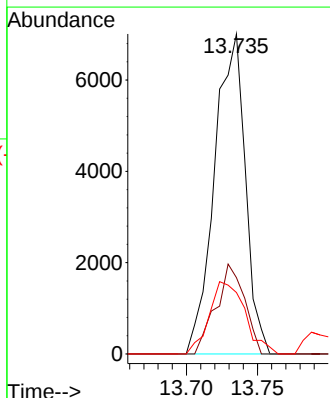
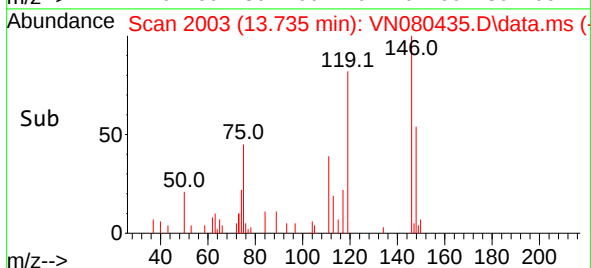
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

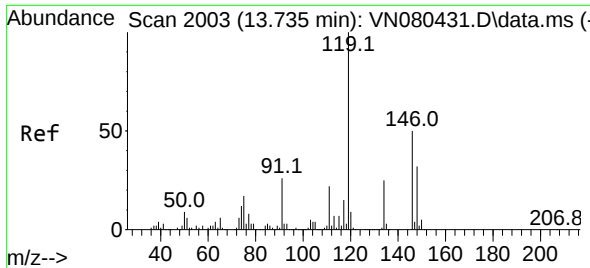


#86
 p-Isopropyltoluene
 Concen: 0.864 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31



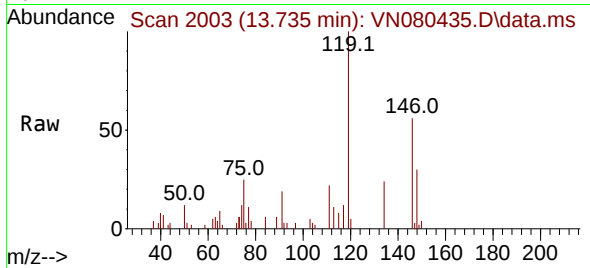
Tgt Ion:119 Resp: 10557
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 26.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 0.985 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31

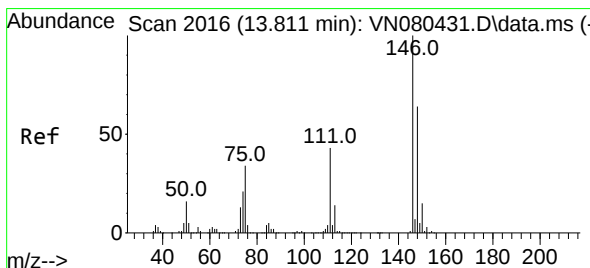
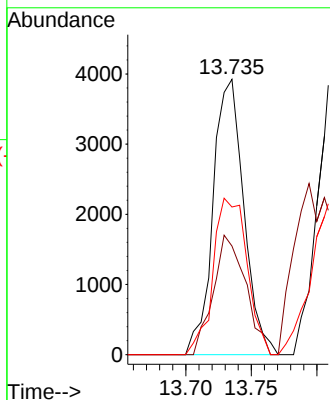
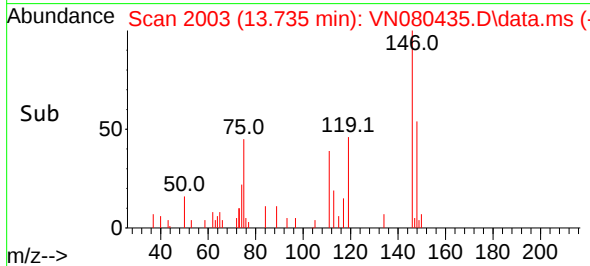
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



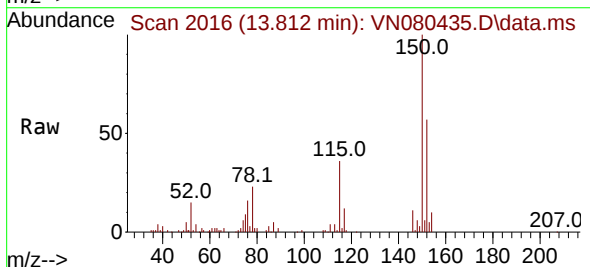
Tgt Ion:146 Resp: 640
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.1 66.3
 148 62.7 32.0 96.0

Manual Integrations
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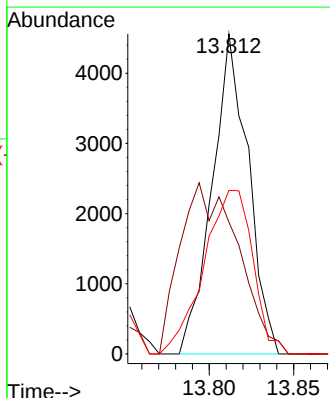
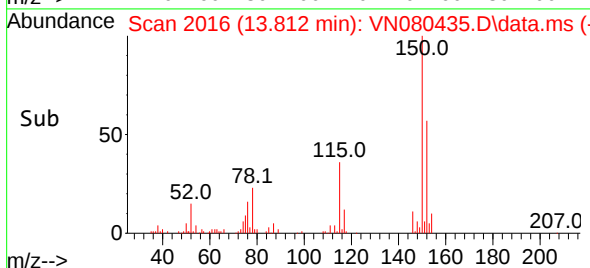
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

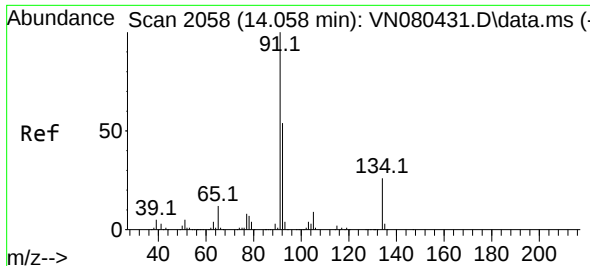


#88
 1,4-Dichlorobenzene
 Concen: 1.032 ug/l m
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080435.D
 Acq: 12 Dec 2023 12:31



Tgt Ion:146 Resp: 6777
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.8
 148 59.2 31.6 94.8





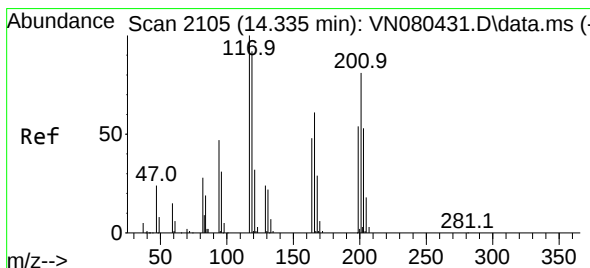
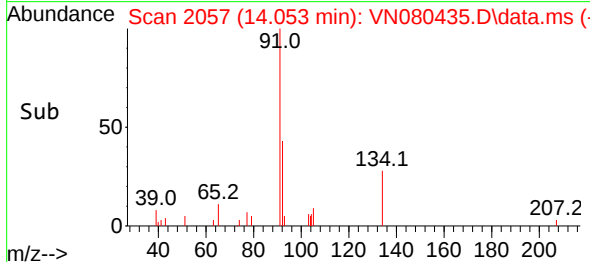
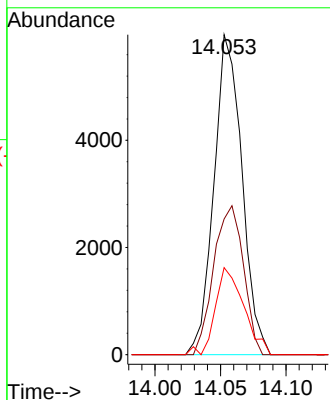
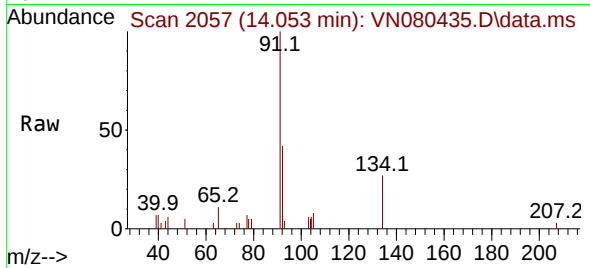
#89
n-Butylbenzene
Concen: 0.868 ug/l
RT: 14.053 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 886
Ion Ratio Lower Upper
91 100
92 49.4 26.4 79.0
134 27.6 12.6 37.6

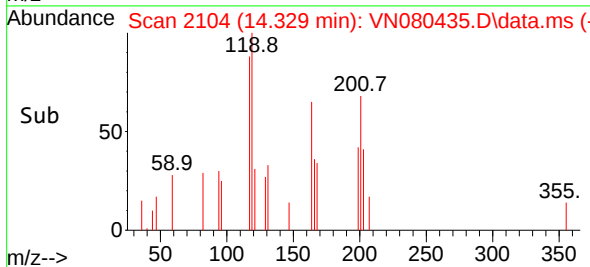
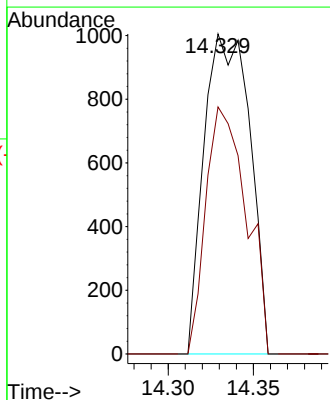
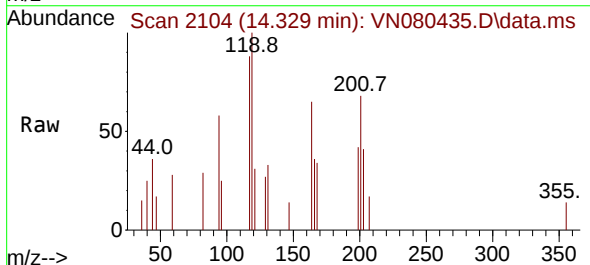
Manual Integrations
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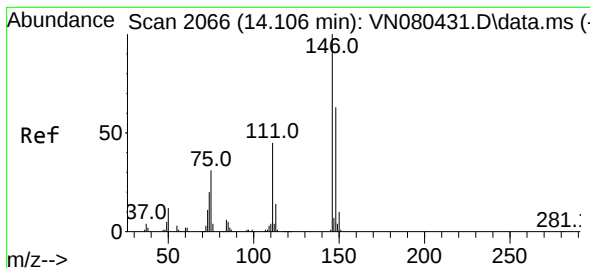
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 0.969 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

Tgt Ion:117 Resp: 1881
Ion Ratio Lower Upper
117 100
201 68.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 1.021 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 630

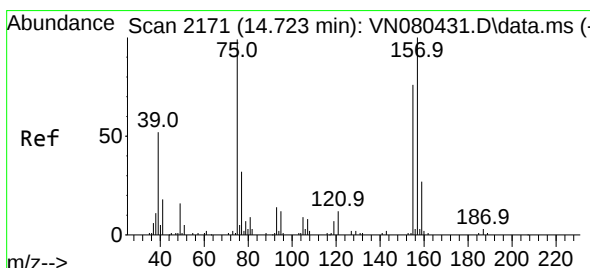
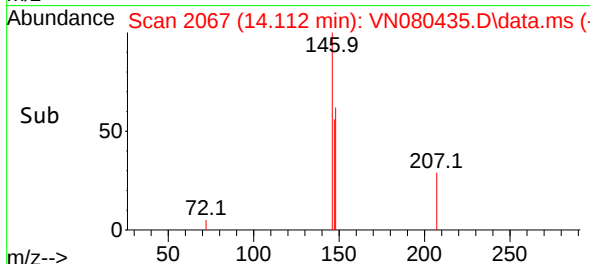
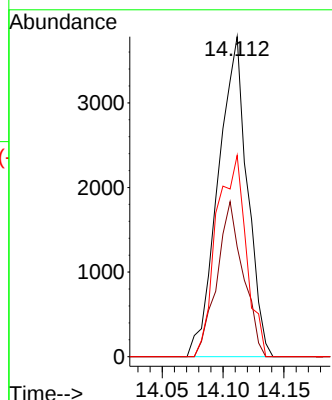
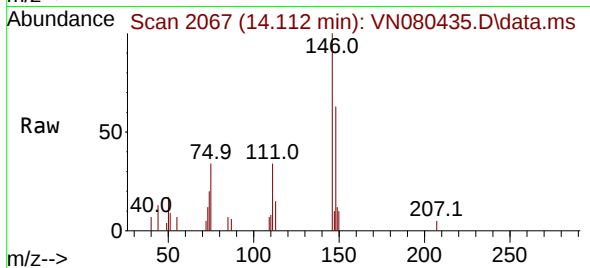
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.0	66.0
148	64.0	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.213 ug/l

RT: 14.723 min Scan# 2171

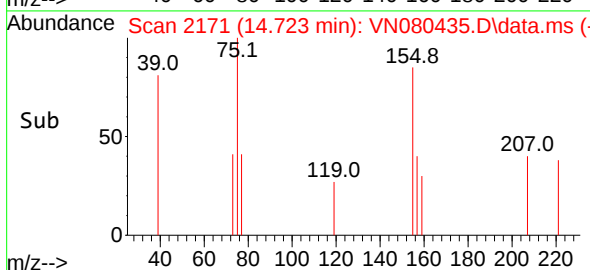
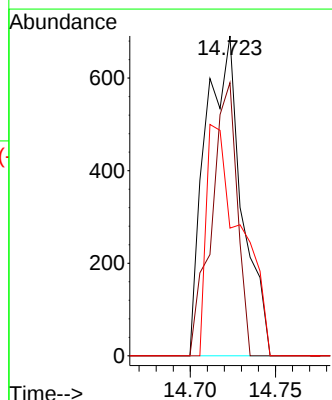
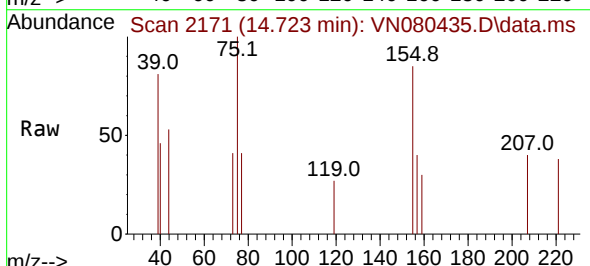
Delta R.T. 0.000 min

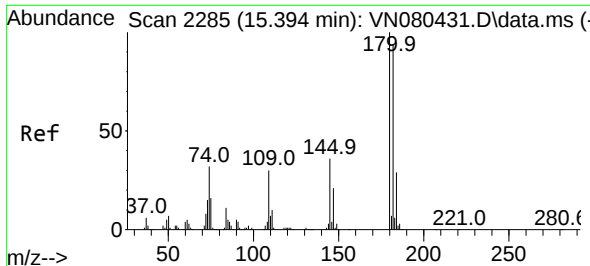
Lab File: VN080435.D

Acq: 12 Dec 2023 12:31

Tgt Ion: 75 Resp: 1026

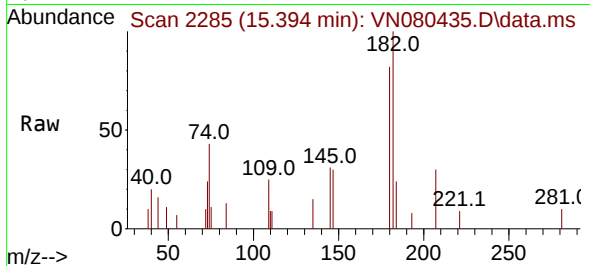
Ion	Ratio	Lower	Upper
75	100		
155	60.3	39.1	117.2
157	67.9	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 1.041 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

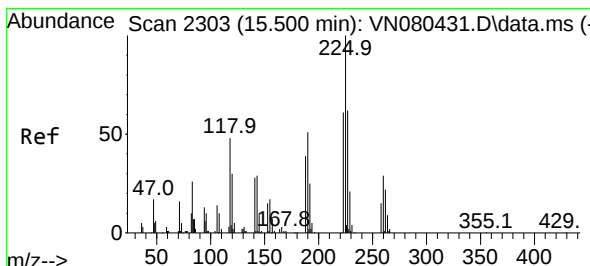
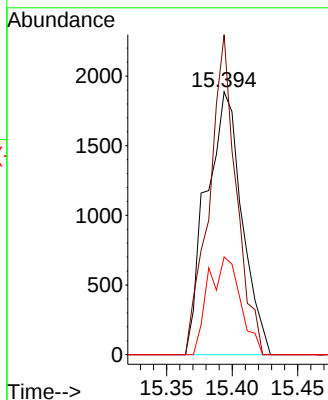
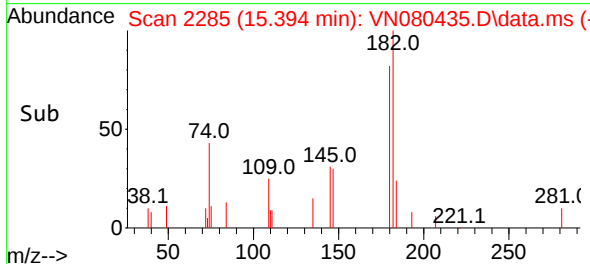
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



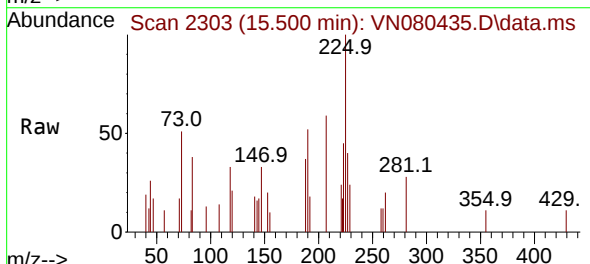
Tgt Ion:180 Resp: 357
Ion Ratio Lower Upper
180 100
182 92.7 46.1 138.2
145 33.5 16.6 49.8

Manual Integrations
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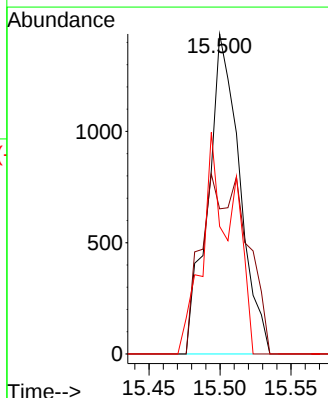
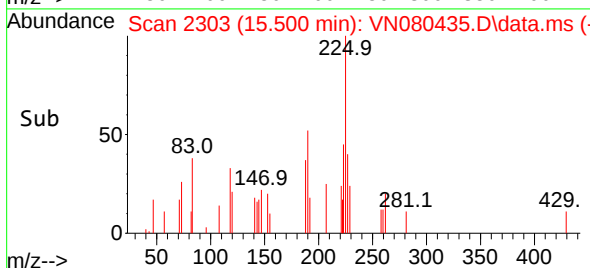
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

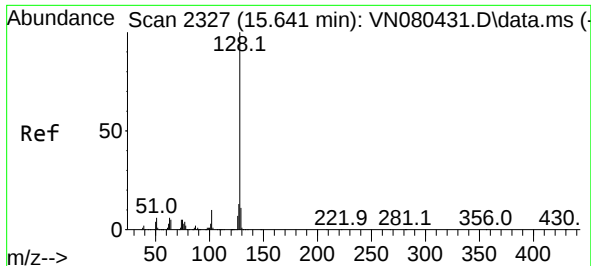


#94
Hexachlorobutadiene
Concen: 1.140 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



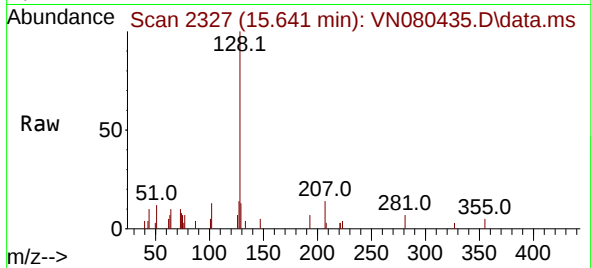
Tgt Ion:225 Resp: 2225
Ion Ratio Lower Upper
225 100
223 80.7 31.3 93.8
227 66.2 31.9 95.9





#95
Naphthalene
Concen: 1.091 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31

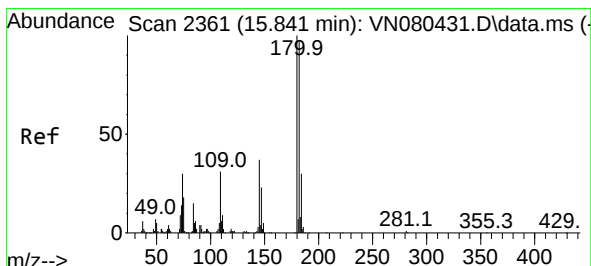
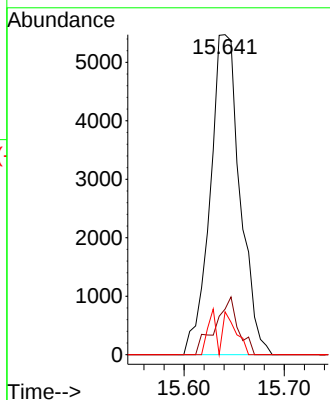
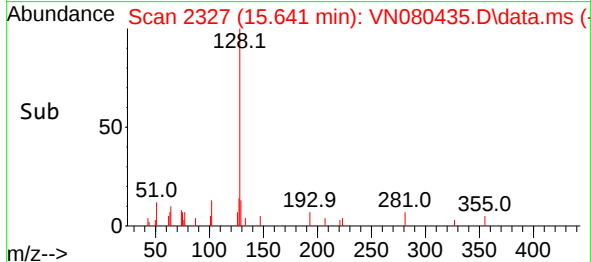
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



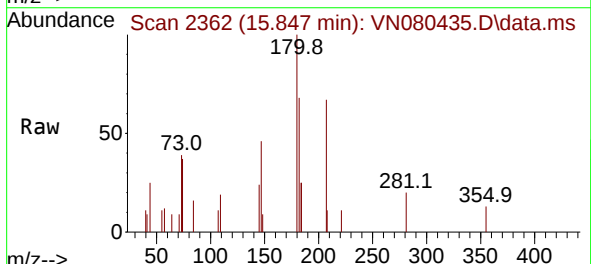
Tgt Ion:128 Resp: 11358
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 5.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.050 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080435.D
Acq: 12 Dec 2023 12:31



Tgt Ion:180 Resp: 3475
Ion Ratio Lower Upper
180 100
182 98.0 46.2 138.6
145 35.6 17.5 52.6

