

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080924.D
 Acq On : 06 Feb 2024 18:09
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 06:08:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:08:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	386454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	935191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	606969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233013	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	4690	1.071	ug/l	98
3) Chloromethane	2.359	50	9229	0.673	ug/l	91
4) Vinyl Chloride	2.506	62	6411	1.121	ug/l	89
6) Chloroethane	3.118	64	4702m	1.163	ug/l	
7) Trichlorofluoromethane	3.500	101	7988	1.067	ug/l #	82
8) Diethyl Ether	3.947	74	3148	1.177	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.377	101	4974	1.181	ug/l #	85
12) 1,1-Dichloroethene	4.330	96	5064	1.222	ug/l #	49
14) Allyl chloride	5.030	41	5990	1.091	ug/l #	79
15) Acrylonitrile	5.712	53	9408	5.124	ug/l	90
16) Acetone	4.453	43	10191	6.354	ug/l #	86
17) Carbon Disulfide	4.718	76	12184	1.166	ug/l #	90
18) Methyl Acetate	5.036	43	8945	1.464	ug/l #	87
19) Methyl tert-butyl Ether	5.788	73	14498	1.051	ug/l #	76
20) Methylene Chloride	5.265	84	6298	1.296	ug/l #	73
21) trans-1,2-Dichloroethene	5.783	96	5439	1.169	ug/l #	57
22) Diisopropyl ether	6.671	45	12982	1.020	ug/l #	93
23) Vinyl Acetate	6.612	43	35781	4.267	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	9279	1.120	ug/l #	91
25) 2-Butanone	7.482	43	15050	5.846	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	8197	1.082	ug/l	79
27) cis-1,2-Dichloroethene	7.488	96	5526	1.023	ug/l	86
28) Bromochloromethane	7.824	49	4095	1.188	ug/l #	61
29) Tetrahydrofuran	7.847	42	8599	5.463	ug/l #	82
30) Chloroform	7.965	83	10286	1.123	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	8143	1.026	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	6513	0.872	ug/l	93
37) Ethyl Acetate	7.553	43	5180	0.917	ug/l #	88
38) Carbon Tetrachloride	8.365	117	6351	0.830	ug/l #	76
39) Methylcyclohexane	9.606	83	8152	0.980	ug/l #	78
40) Benzene	8.606	78	20036	0.882	ug/l	92
41) Methacrylonitrile	7.782	41	3500	1.040	ug/l	98
42) 1,2-Dichloroethane	8.665	62	7451	0.942	ug/l	81
43) Isopropyl Acetate	8.694	43	8516	0.820	ug/l #	94
44) Trichloroethene	9.353	130	7936	1.150	ug/l	82
45) 1,2-Dichloropropane	9.624	63	6588	1.074	ug/l #	82

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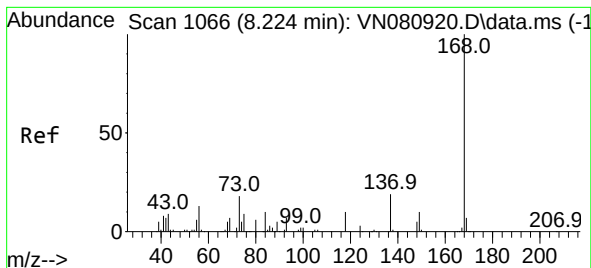
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 06:08:39 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

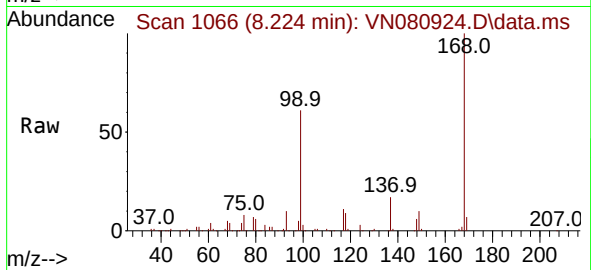
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	4542	1.002	ug/l #	71
47) Bromodichloromethane	9.894	83	8773	0.989	ug/l #	80
48) Methyl methacrylate	9.688	41	6798	1.162	ug/l	84
49) 1,4-Dioxane	9.706	88	2855	26.420	ug/l #	27
51) 4-Methyl-2-Pentanone	10.453	43	30657	4.897	ug/l	88
52) Toluene	10.629	92	16687	1.096	ug/l	91
53) t-1,3-Dichloropropene	10.835	75	7354	0.857	ug/l #	82
54) cis-1,3-Dichloropropene	10.318	75	9522	0.989	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	5783	0.983	ug/l #	75
56) Ethyl methacrylate	10.876	69	5681	0.807	ug/l #	82
57) 1,3-Dichloropropane	11.159	76	8509	0.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	18079	4.231	ug/l #	80
59) 2-Hexanone	11.194	43	19953	4.205	ug/l	99
60) Dibromochloromethane	11.359	129	4319	0.718	ug/l	92
61) 1,2-Dibromoethane	11.470	107	4982	0.849	ug/l	99
64) Tetrachloroethene	11.106	164	6082	1.328	ug/l	98
65) Chlorobenzene	11.894	112	13057	1.026	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	3868	0.843	ug/l #	55
67) Ethyl Benzene	11.970	91	20467	0.934	ug/l	97
68) m/p-Xylenes	12.070	106	15329	1.841	ug/l	91
69) o-Xylene	12.406	106	8215	1.017	ug/l	74
70) Styrene	12.412	104	9626	0.794	ug/l	97
71) Bromoform	12.582	173	2729	0.888	ug/l #	100
73) Isopropylbenzene	12.700	105	16884	0.932	ug/l	91
74) N-amyl acetate	12.494	43	6892	1.055	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	6407	1.137	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	4980m	1.005	ug/l	
77) Bromobenzene	12.982	156	4775	1.044	ug/l	73
78) n-propylbenzene	13.041	91	19063	0.932	ug/l	89
79) 2-Chlorotoluene	13.123	91	12966	1.003	ug/l	88
80) 1,3,5-Trimethylbenzene	13.176	105	14218	0.965	ug/l	99
82) 4-Chlorotoluene	13.223	91	12802	0.992	ug/l	97
83) tert-Butylbenzene	13.441	119	11688	0.931	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	12847	0.876	ug/l	85
85) sec-Butylbenzene	13.617	105	14412	0.854	ug/l	92
86) p-Isopropyltoluene	13.729	119	12515	0.878	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	8092	0.994	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	8621m	1.043	ug/l	
89) n-Butylbenzene	14.059	91	12706	1.009	ug/l	88
90) Hexachloroethane	14.335	117	2168	0.964	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	7898	1.012	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1315	1.247	ug/l	83
93) 1,2,4-Trichlorobenzene	15.388	180	4218	1.093	ug/l	95
94) Hexachlorobutadiene	15.506	225	1864	1.114	ug/l	73
95) Naphthalene	15.641	128	12506	0.981	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	4216	1.110	ug/l	88

(#) = 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: VN080924.D
Acq: 06 Feb 2024 18:09

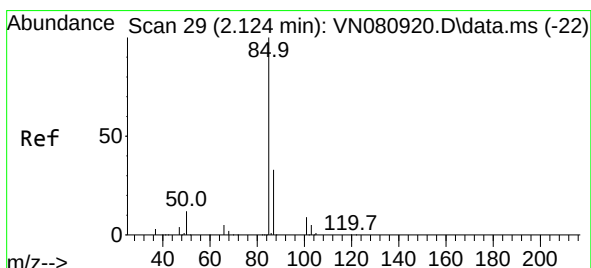
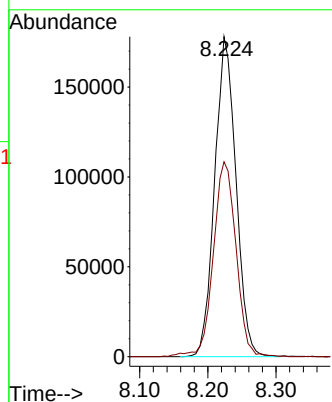
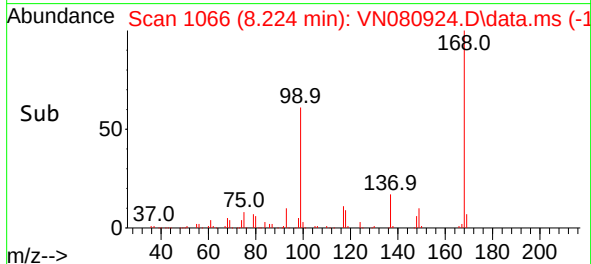
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 386454
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9

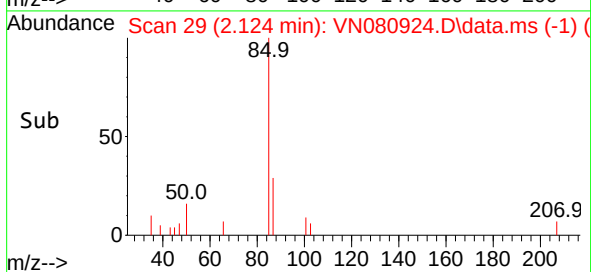
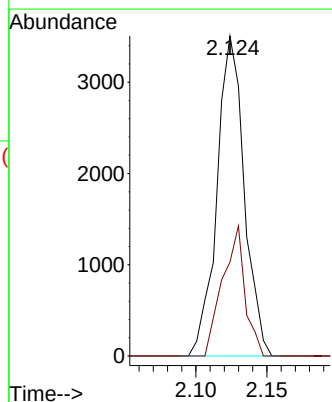
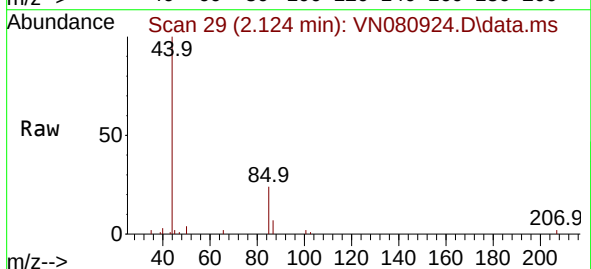
Manual Integrations
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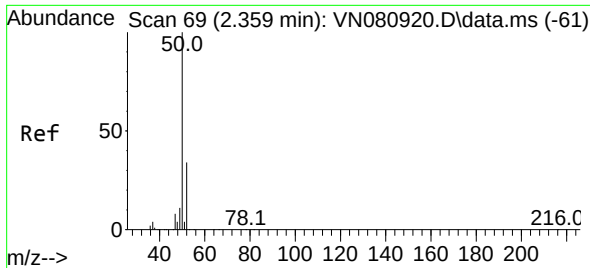
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#2
Dichlorodifluoromethane
Concen: 1.071 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

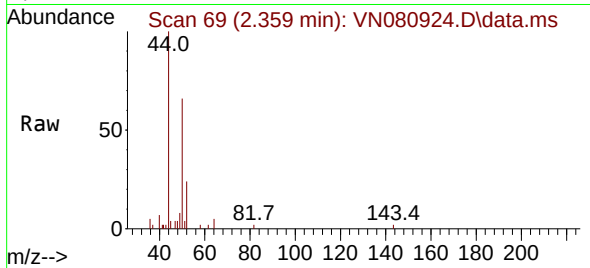
Tgt Ion: 85 Resp: 4690
Ion Ratio Lower Upper
85 100
87 29.4 15.3 45.9





#3
Chloromethane
Concen: 0.673 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

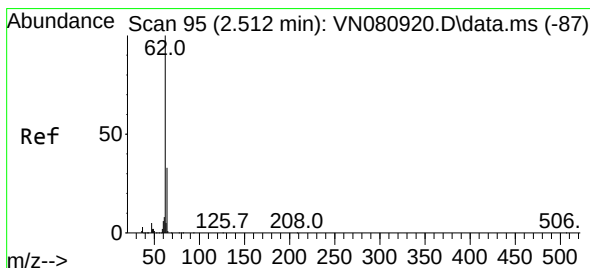
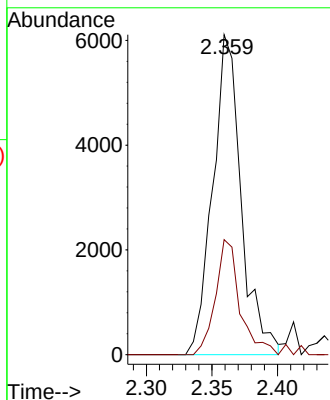
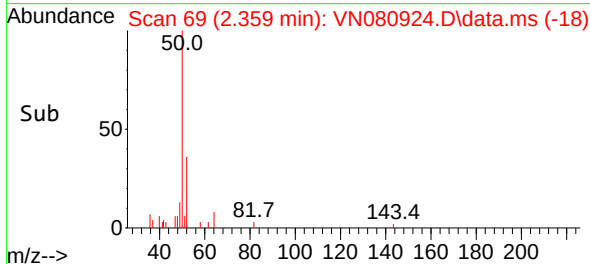
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 9229
Ion Ratio Lower Upper
50 100
52 36.0 25.0 37.4

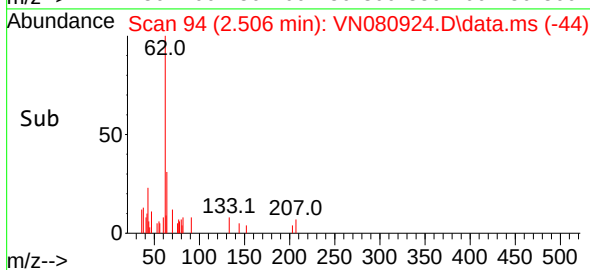
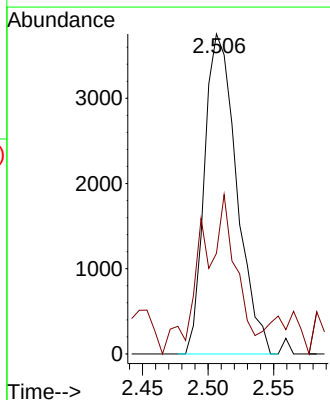
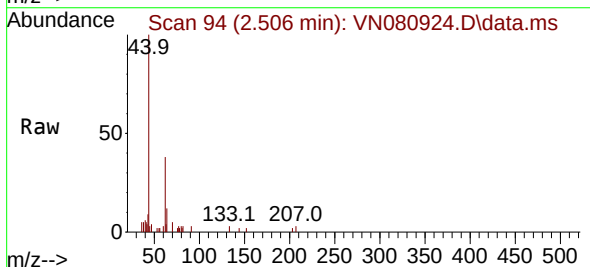
Manual Integrations
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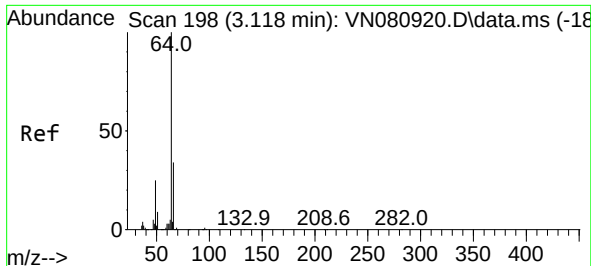
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#4
Vinyl Chloride
Concen: 1.121 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 62 Resp: 6411
Ion Ratio Lower Upper
62 100
64 22.8 22.7 34.1





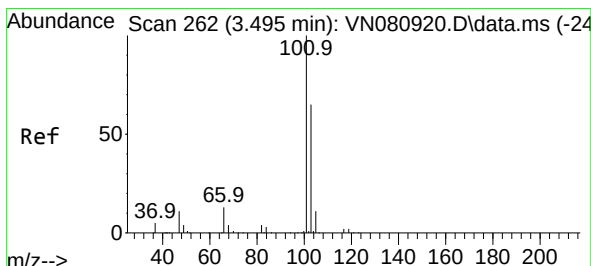
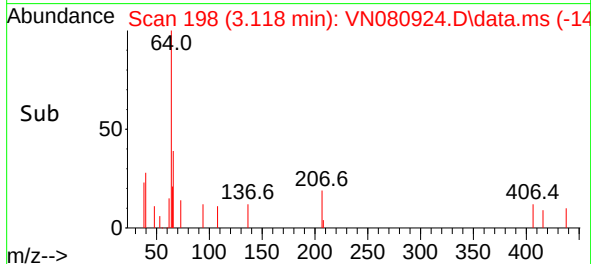
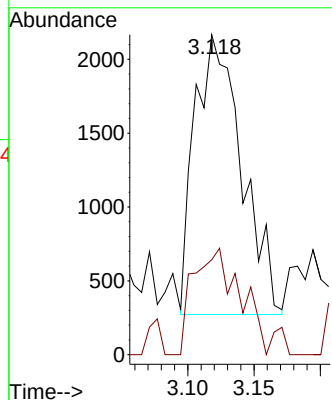
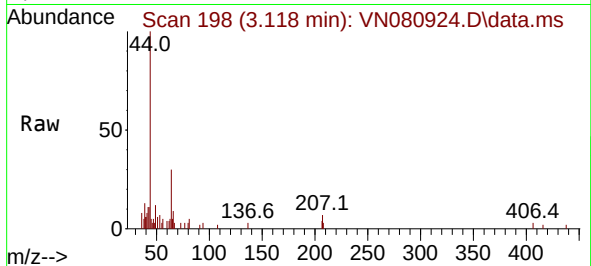
#6
Chloroethane
Concen: 1.163 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 4702
Ion Ratio Lower Upper
64 100
66 29.7 26.4 39.6

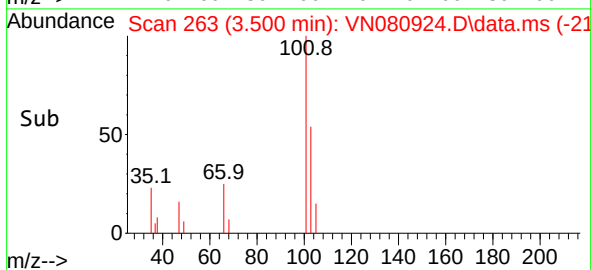
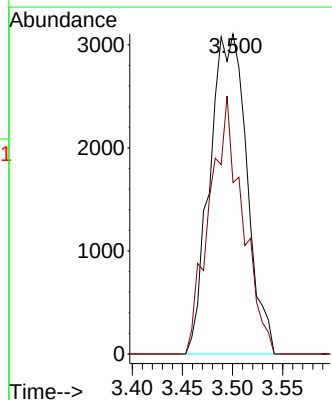
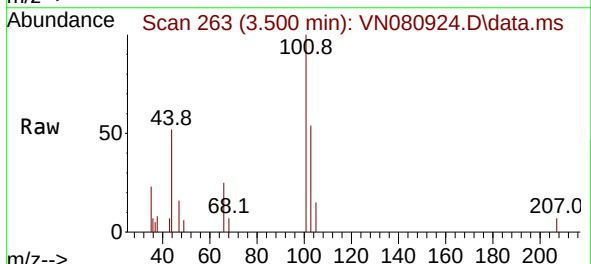
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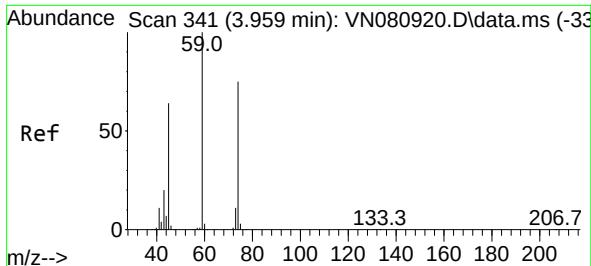
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#7
Trichlorofluoromethane
Concen: 1.067 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

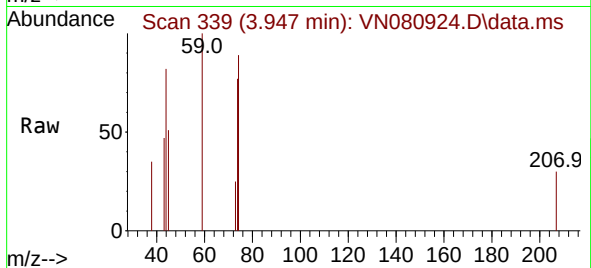
Tgt Ion:101 Resp: 7988
Ion Ratio Lower Upper
101 100
103 53.5 54.4 81.6#





#8
Diethyl Ether
Concen: 1.177 ug/l
RT: 3.947 min Scan# 314
Delta R.T. -0.012 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

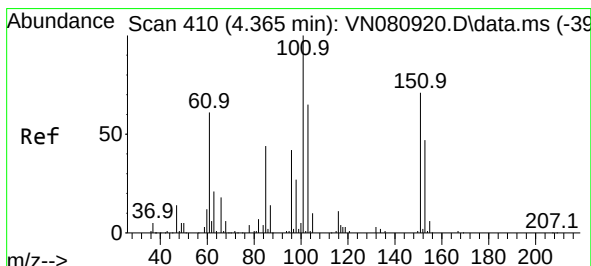
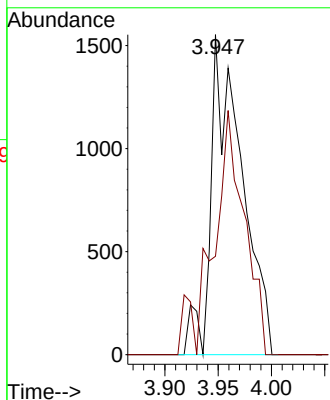
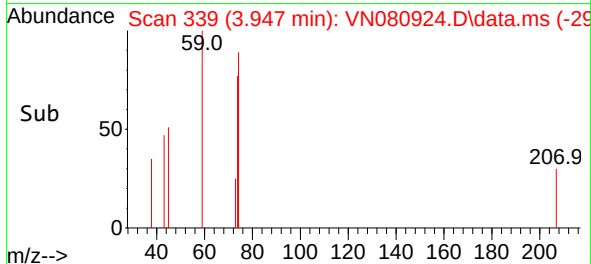
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Tgt Ion: 74 Resp: 314
Ion Ratio Lower Upper
74 100
45 77.6 53.3 159.9

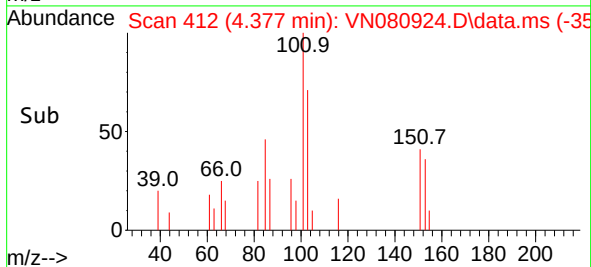
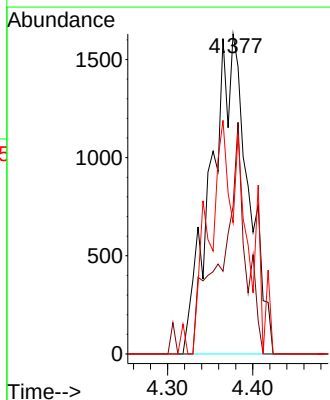
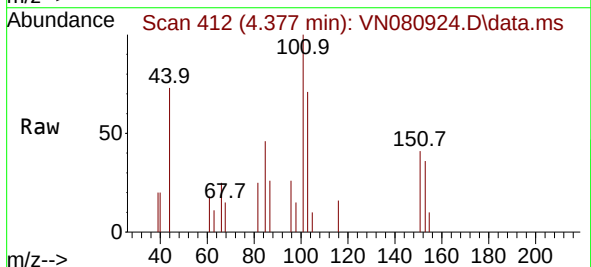
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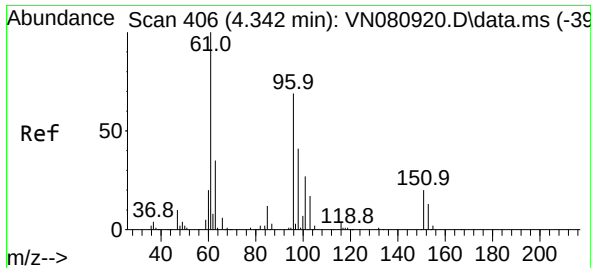
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.181 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

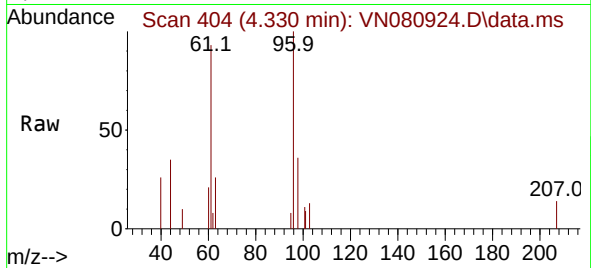
Tgt Ion:101 Resp: 4974
Ion Ratio Lower Upper
101 100
85 46.5 38.1 57.1
151 41.9 49.1 73.7#





#12
1,1-Dichloroethene
Concen: 1.222 ug/l
RT: 4.330 min Scan# 406
Delta R.T. -0.012 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

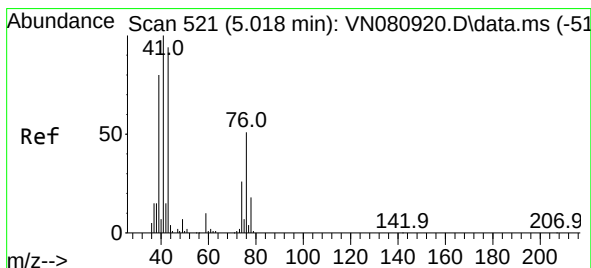
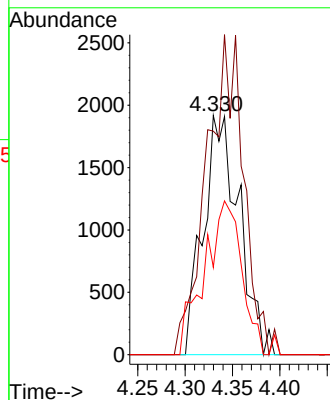
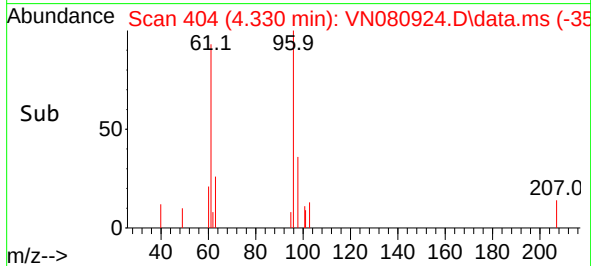
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



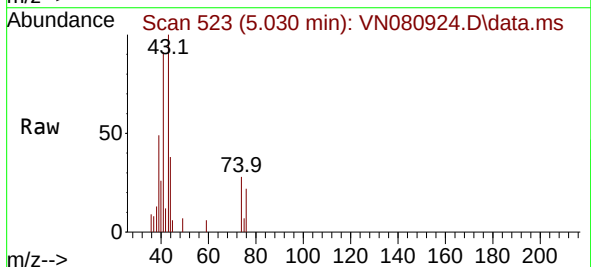
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Ion Ratio Lower Upper
96 100
61 93.4 138.2 207.4#
98 36.5 49.2 73.8#

Manual Integrations
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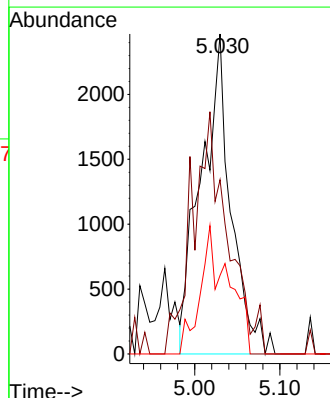
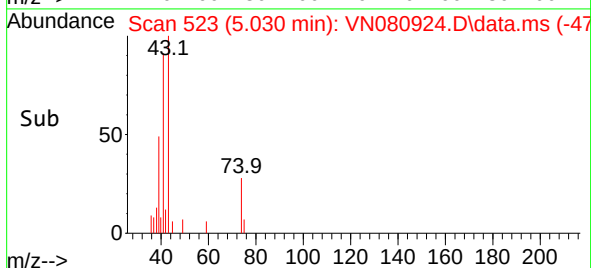
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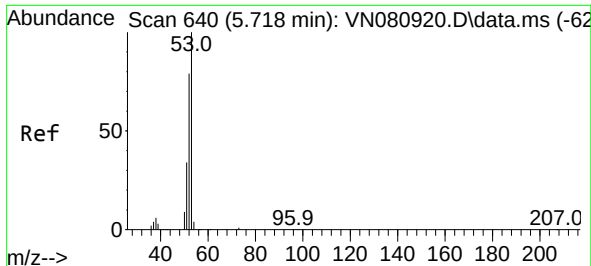


#14
Allyl chloride
Concen: 1.091 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09



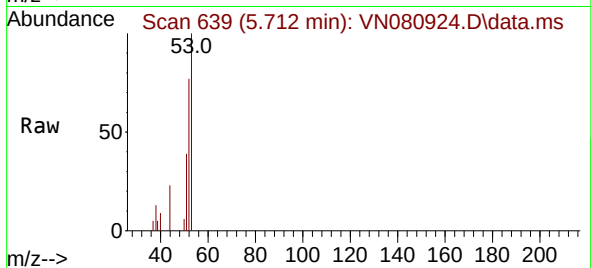
Tgt Ion: 41 Resp: 5990
Ion Ratio Lower Upper
41 100
39 90.1 57.7 86.5#
76 23.0 26.8 40.2#





#15
Acrylonitrile
Concen: 5.124 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

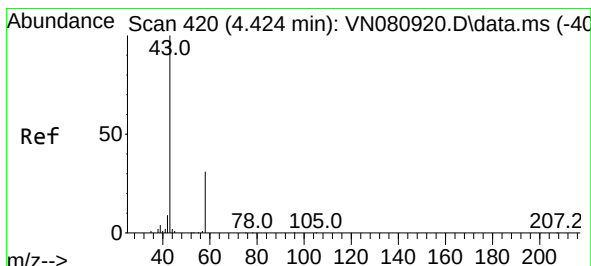
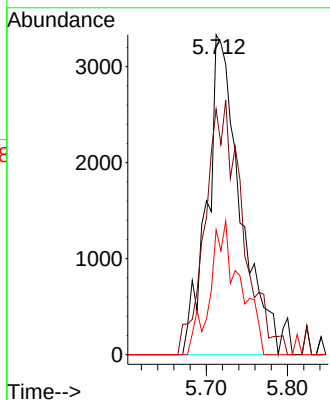
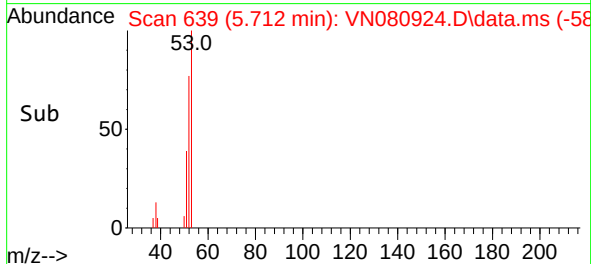
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 9408
Ion Ratio Lower Upper
53 100
52 90.4 64.8 97.2
51 38.2 26.9 40.3

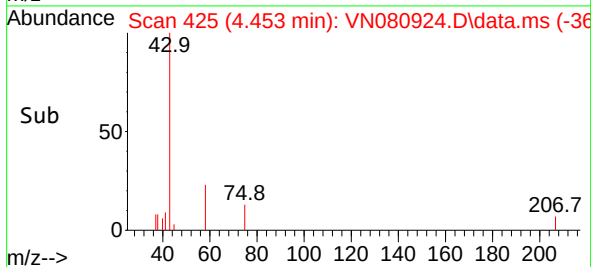
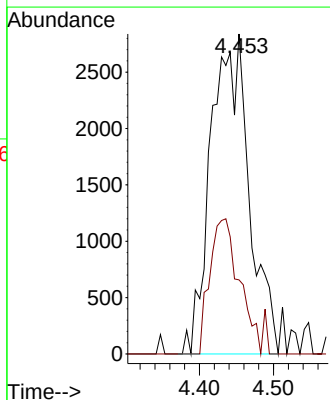
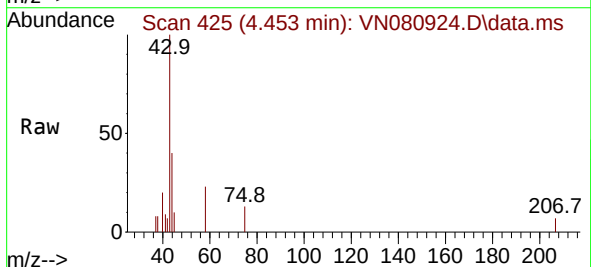
Manual Integrations
APPROVED

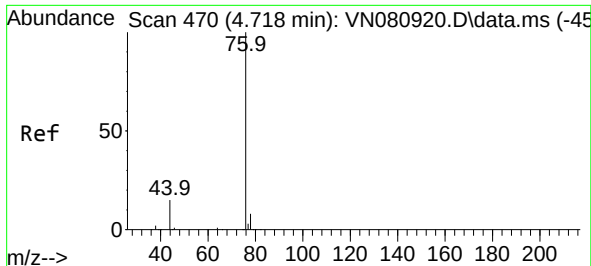
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#16
Acetone
Concen: 6.354 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

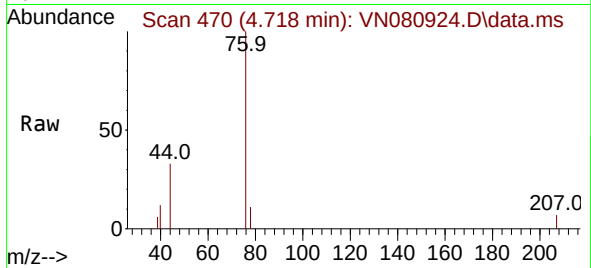
Tgt Ion: 43 Resp: 10191
Ion Ratio Lower Upper
43 100
58 23.2 24.8 37.2#





#17
Carbon Disulfide
Concen: 1.166 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

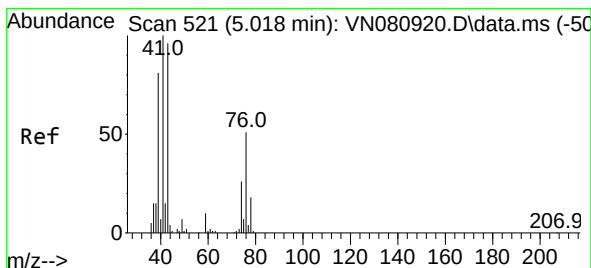
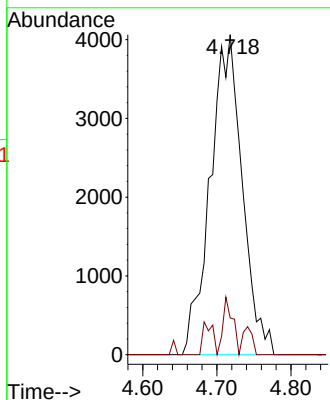
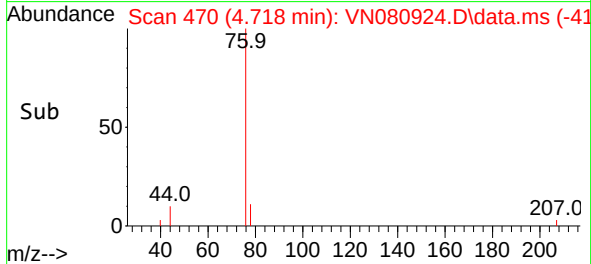
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 12184
Ion Ratio Lower Upper
76 100
78 11.4 6.3 9.5

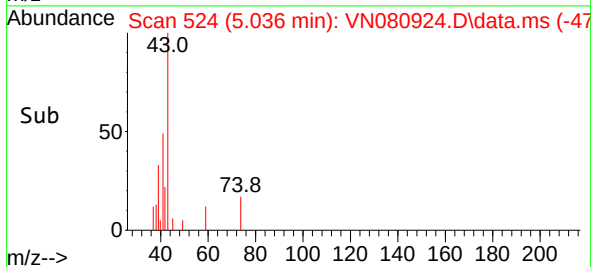
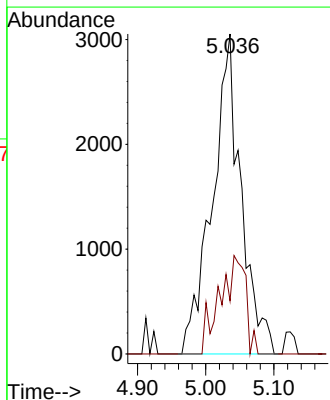
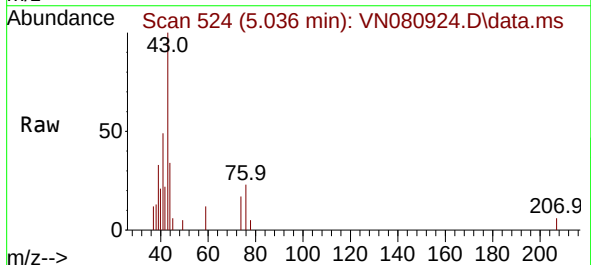
Manual Integrations
APPROVED

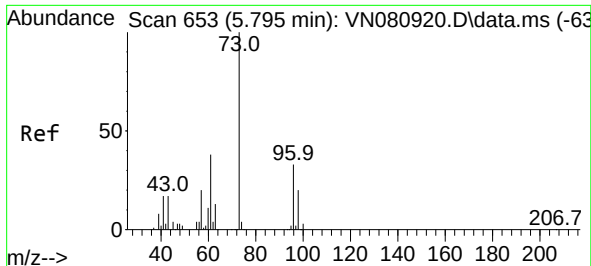
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#18
Methyl Acetate
Concen: 1.464 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 43 Resp: 8945
Ion Ratio Lower Upper
43 100
74 27.5 17.3 25.9





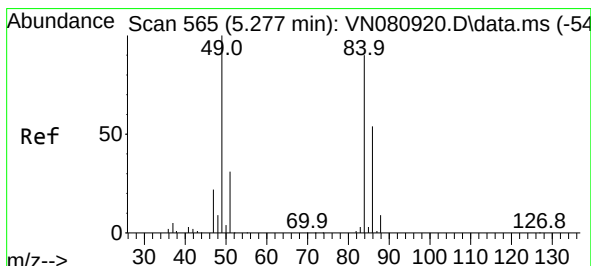
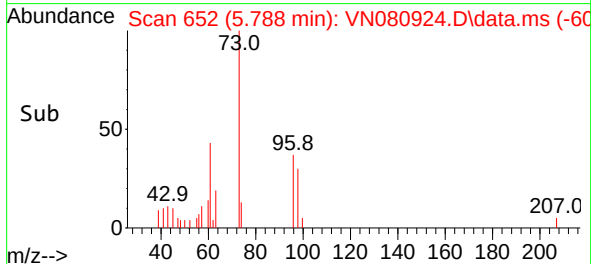
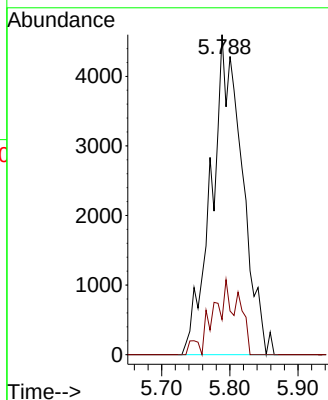
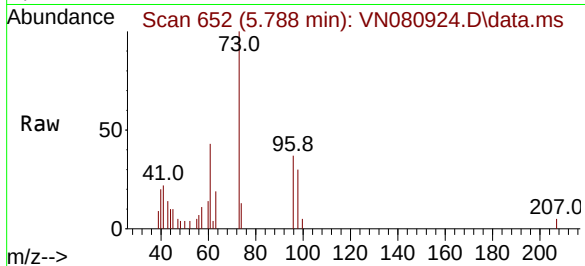
#19
Methyl tert-butyl Ether
Concen: 1.051 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 14498
Ion Ratio Lower Upper
73 100
57 11.0 18.2 27.4

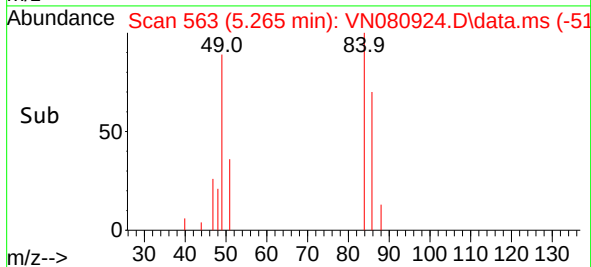
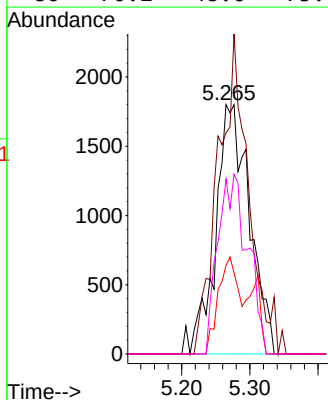
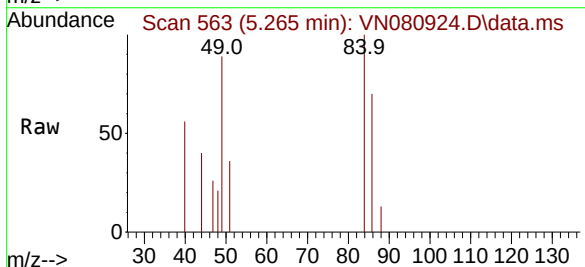
Manual Integrations
APPROVED

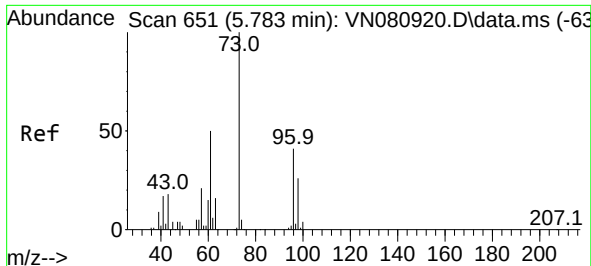
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#20
Methylene Chloride
Concen: 1.296 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

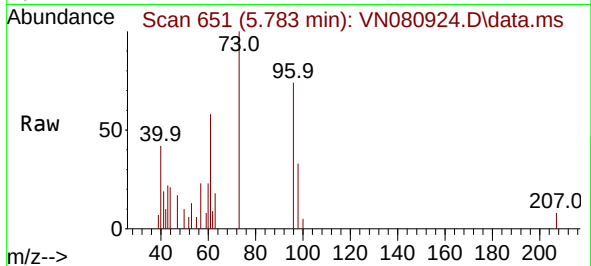
Tgt Ion: 84 Resp: 6298
Ion Ratio Lower Upper
84 100
49 88.8 108.1 162.1#
51 35.6 32.9 49.3
86 70.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 1.169 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

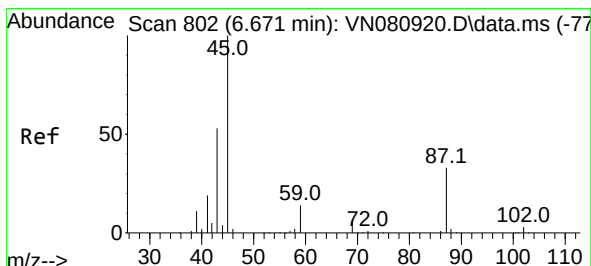
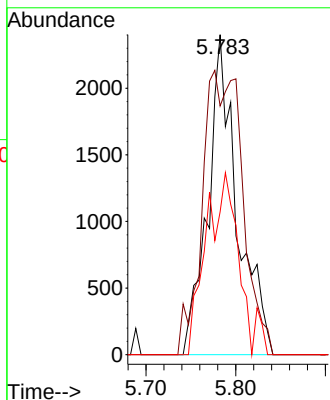
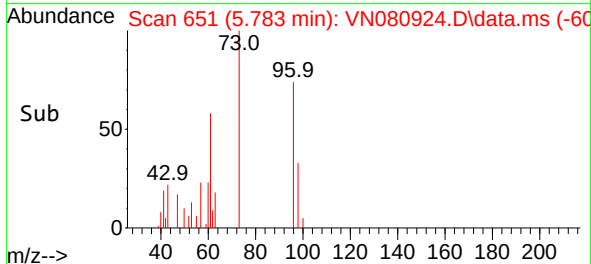
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 5439
Ion Ratio Lower Upper
96 100
61 77.7 112.8 169.2
98 44.7 51.0 76.4

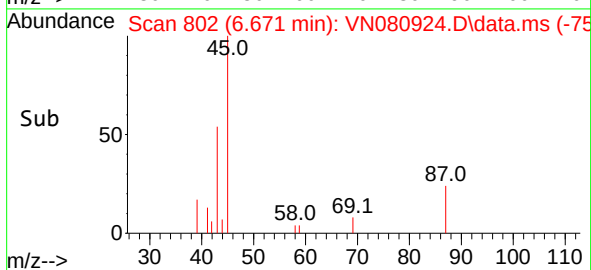
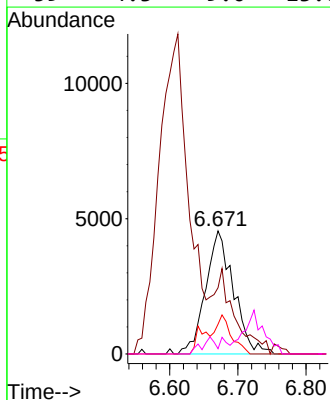
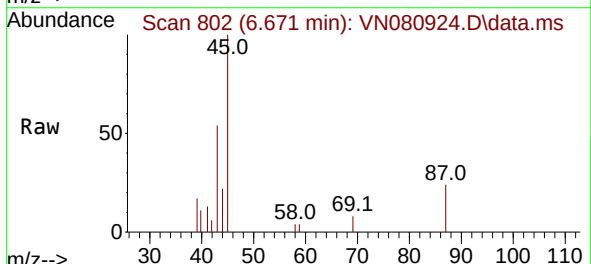
Manual Integrations
APPROVED

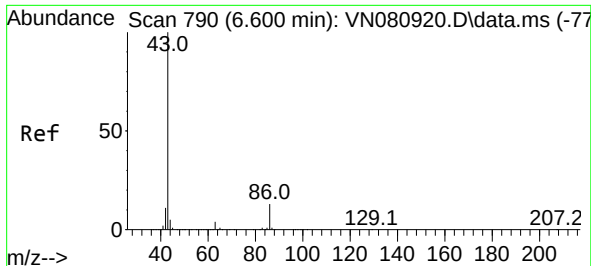
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#22
Diisopropyl ether
Concen: 1.020 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

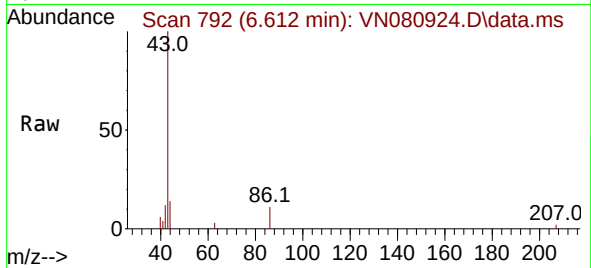
Tgt Ion: 45 Resp: 12982
Ion Ratio Lower Upper
45 100
43 47.5 41.8 62.8
87 24.2 18.1 27.1
59 4.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 4.267 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.012 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09

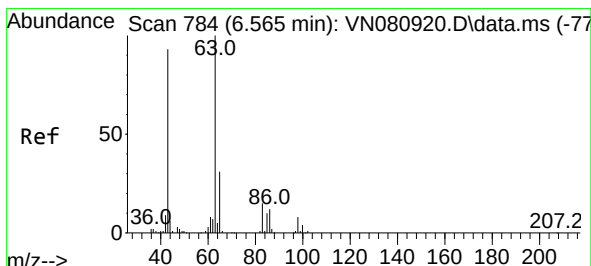
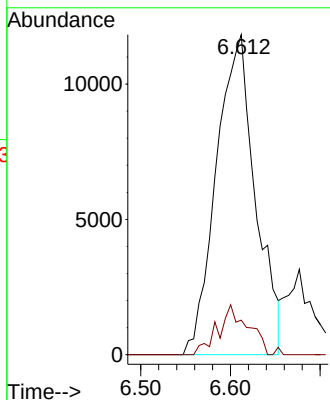
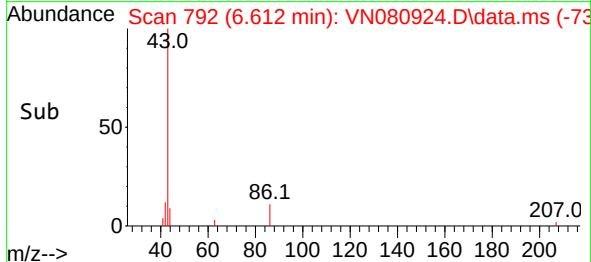
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



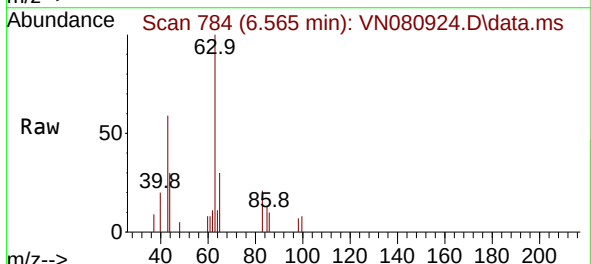
Tgt Ion: 43 Resp: 3578
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7

Manual Integrations
 APPROVED

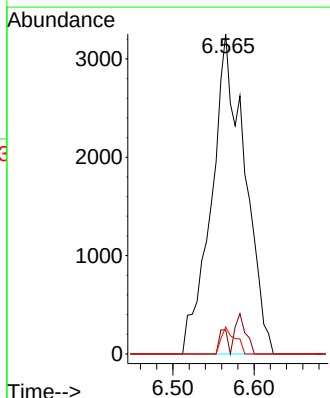
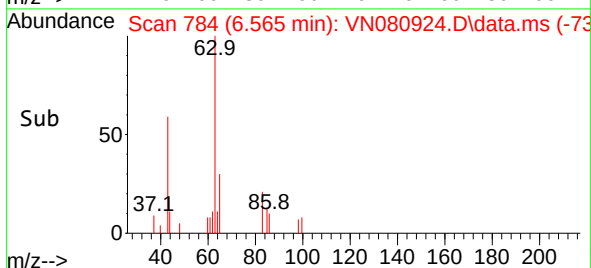
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

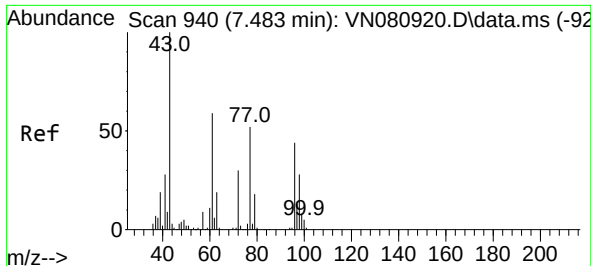


#24
 1,1-Dichloroethane
 Concen: 1.120 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09



Tgt Ion: 63 Resp: 9279
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 8.4 1.9 5.7





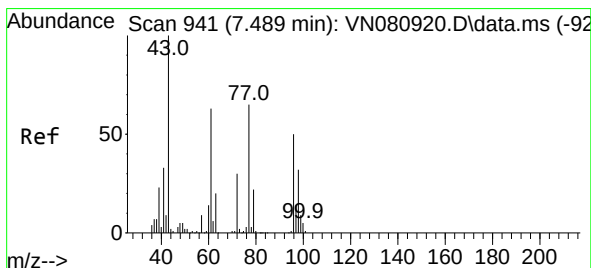
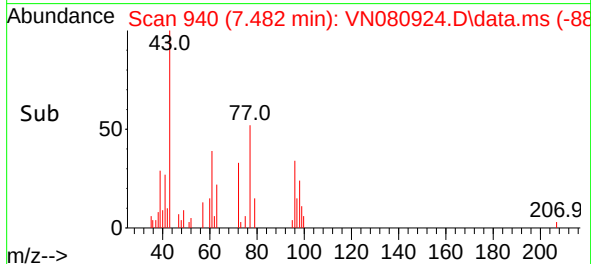
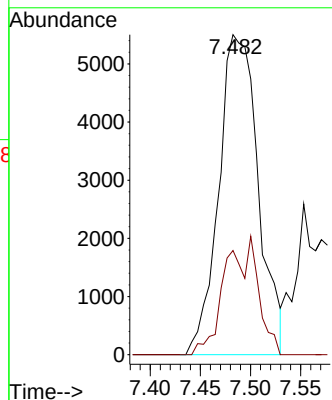
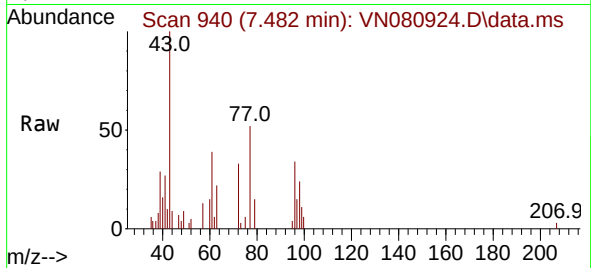
#25
2-Butanone
Concen: 5.846 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 15050
Ion Ratio Lower Upper
43 100
72 32.5 19.5 29.3

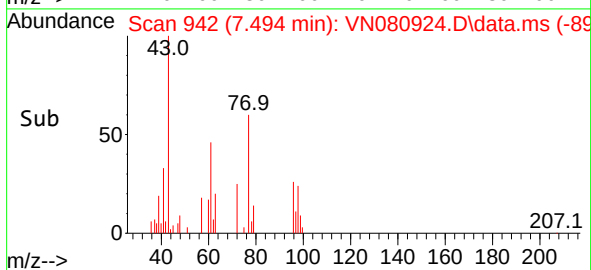
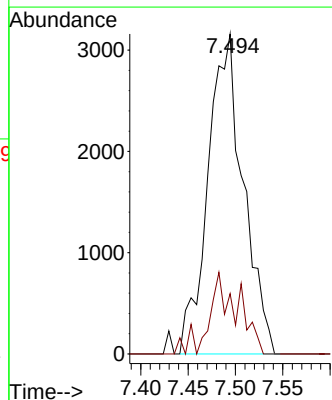
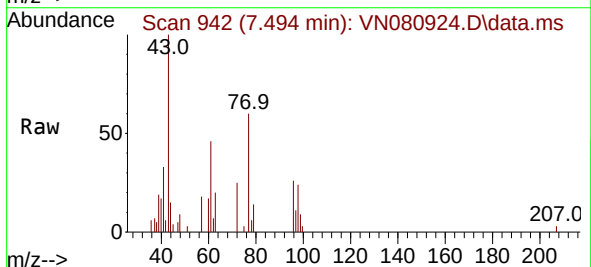
Manual Integrations
APPROVED

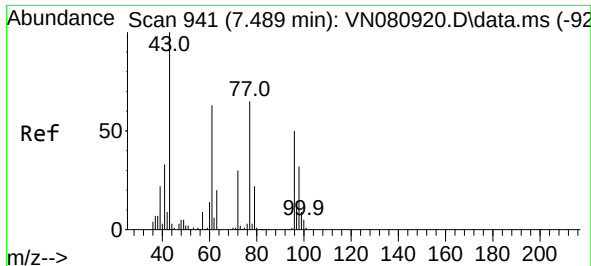
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#26
2,2-Dichloropropane
Concen: 1.082 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

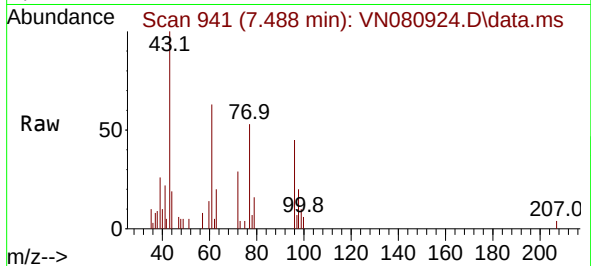
Tgt Ion: 77 Resp: 8197
Ion Ratio Lower Upper
77 100
97 12.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 1.023 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09

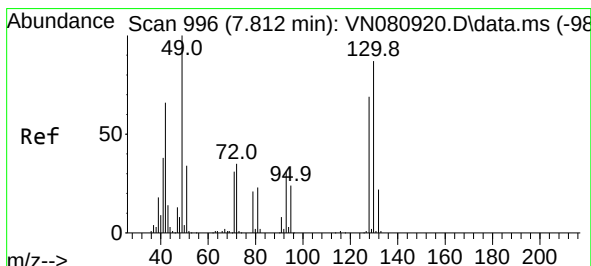
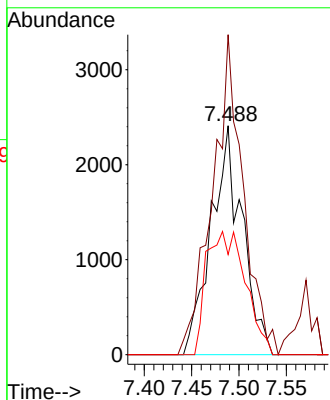
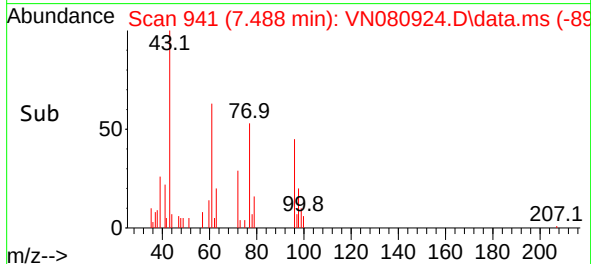
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



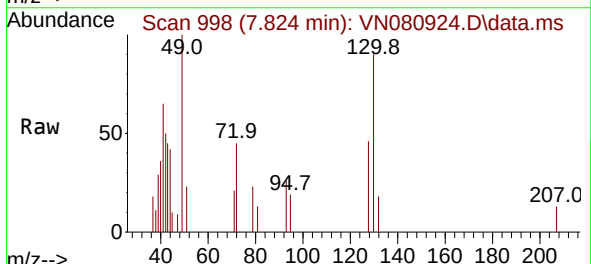
Tgt Ion: 96 Resp: 5520
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 325.4
 98 67.3 0.0 130.4

Manual Integrations
 APPROVED

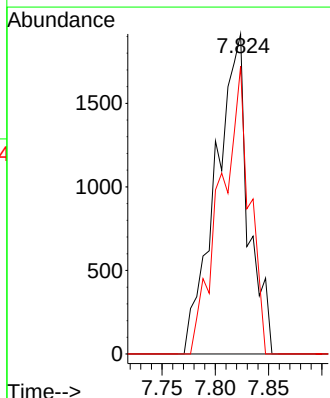
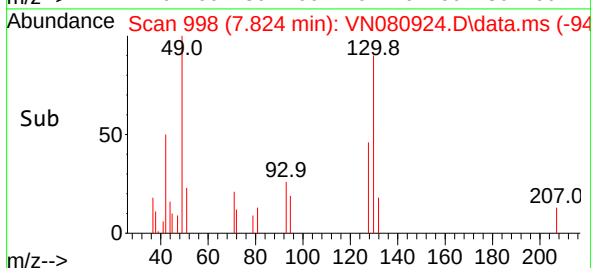
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

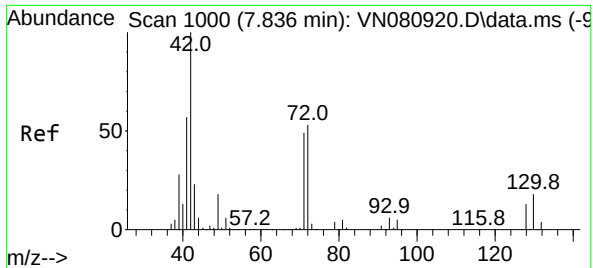


#28
 Bromochloromethane
 Concen: 1.188 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09



Tgt Ion: 49 Resp: 4095
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 80.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 5.463 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 42 Resp: 859

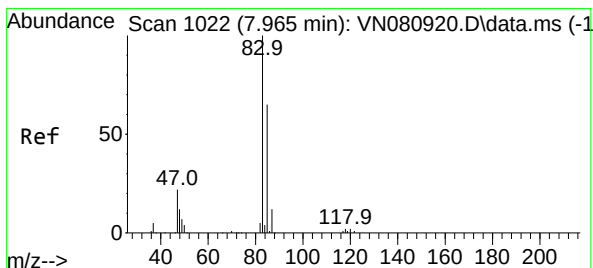
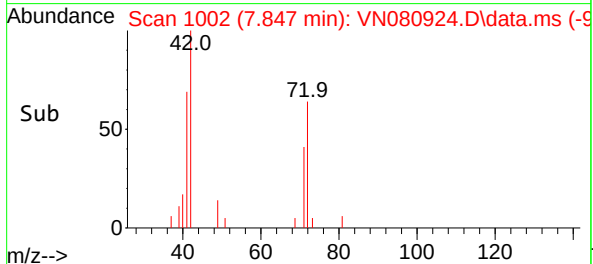
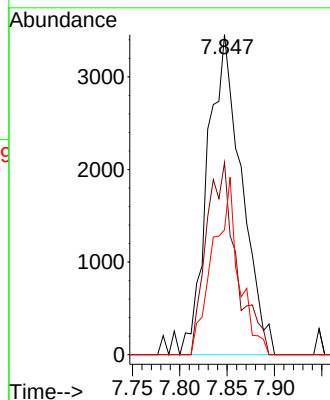
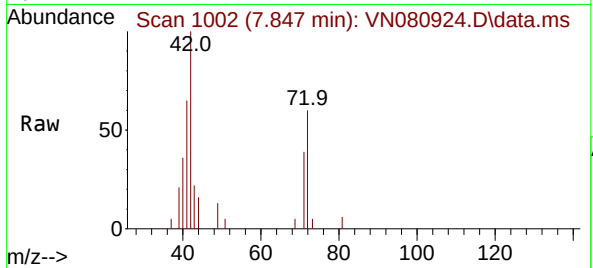
Ion	Ratio	Lower	Upper
42	100		
72	53.5	31.1	46.7
71	42.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#30

Chloroform

Concen: 1.123 ug/l

RT: 7.965 min Scan# 1022

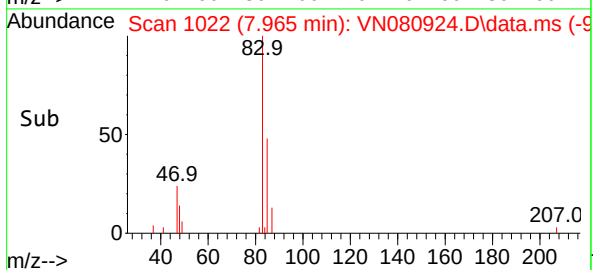
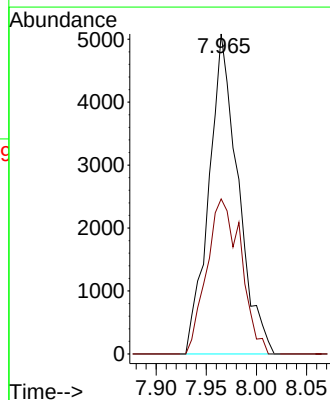
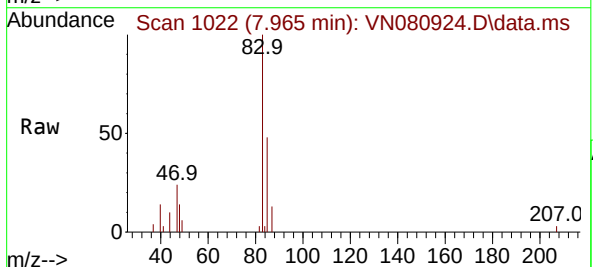
Delta R.T. -0.000 min

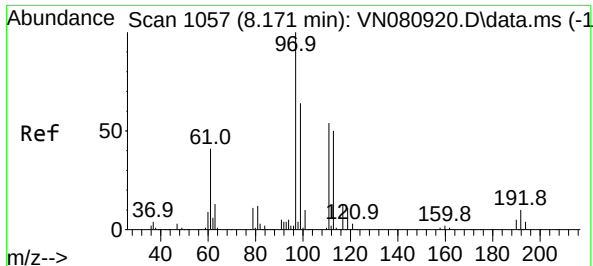
Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Tgt Ion: 83 Resp: 10286

Ion	Ratio	Lower	Upper
83	100		
85	48.4	51.0	76.6





#32

1,1,1-Trichloroethane

Concen: 1.026 ug/l

RT: 8.177 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 814

Ion Ratio Lower Upper

97 100

99 0.0 53.4 80.0

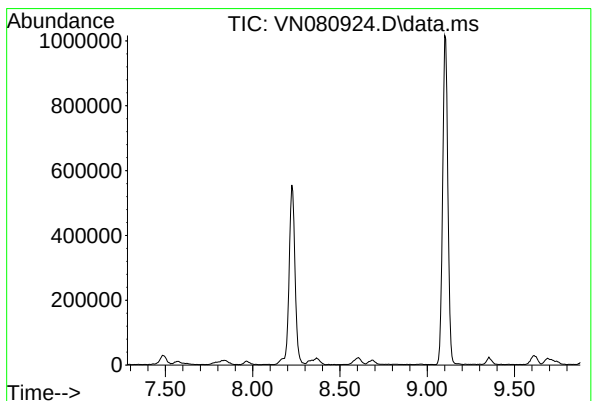
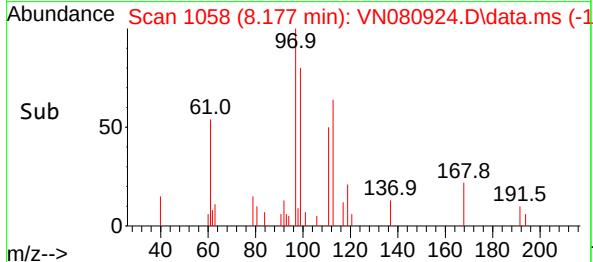
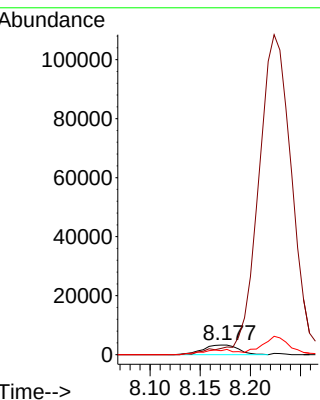
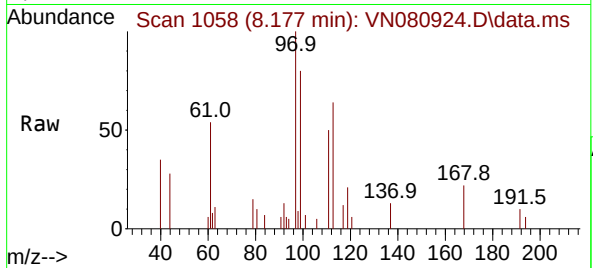
61 49.3 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.58 min

Lab File: VN080924.D

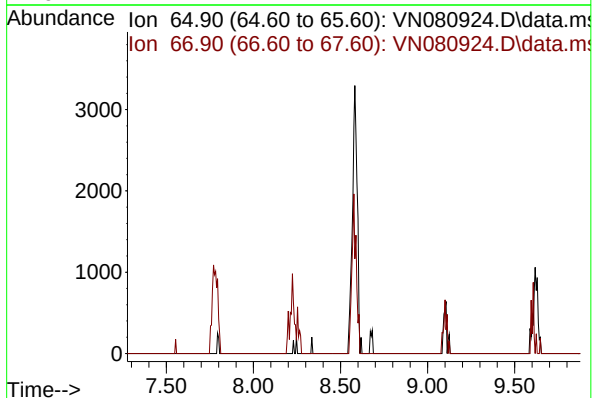
Acq: 06 Feb 2024 18:09

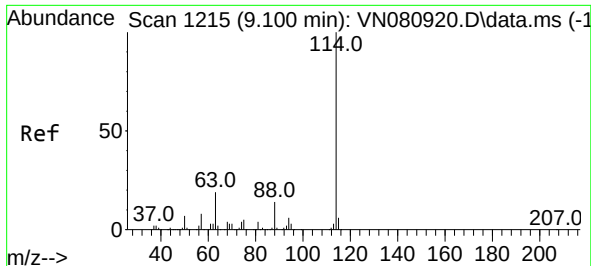
Tgt Ion: 65

Sig Exp Ratio

65 100

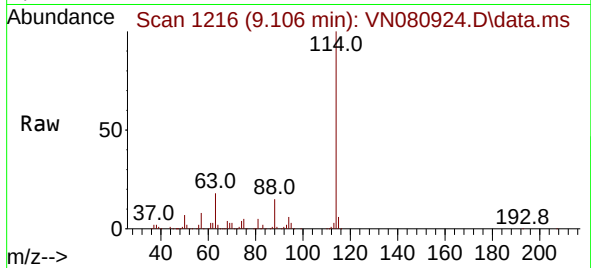
67 51.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

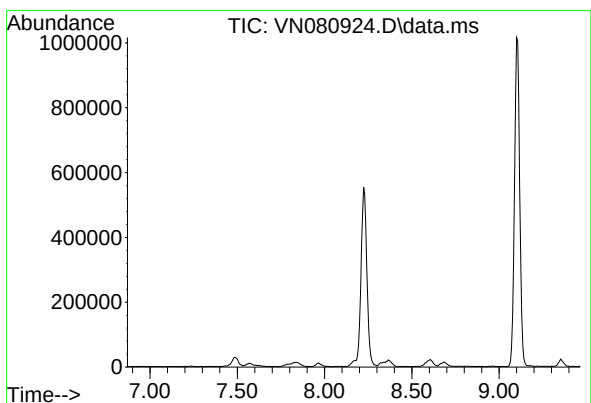
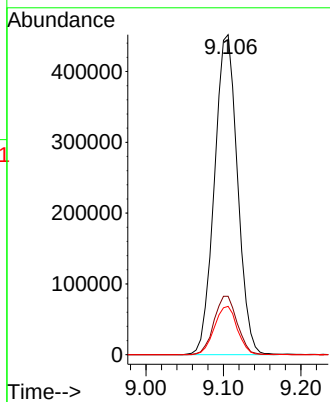
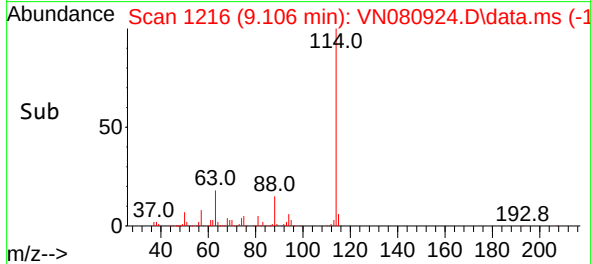
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 93519
Ion Ratio Lower Upper
114 100
63 18.3 0.0 48.0
88 15.1 0.0 34.8

Manual Integrations
APPROVED

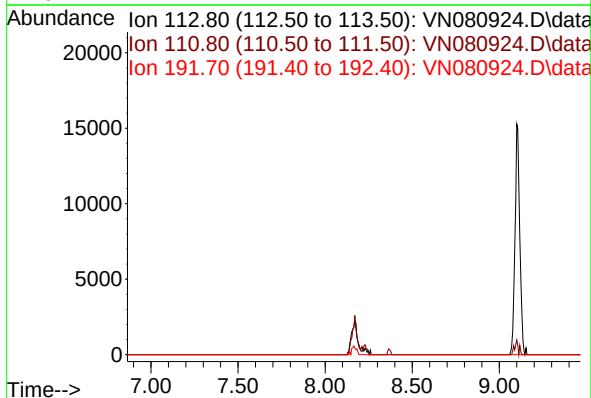
Reviewed By :John Carbone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

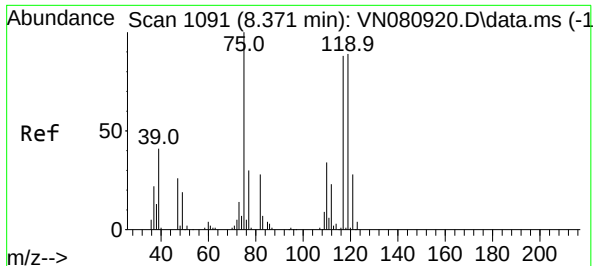


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.16 min

Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.8
192 15.6





#36

1,1-Dichloropropene

Concen: 0.872 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

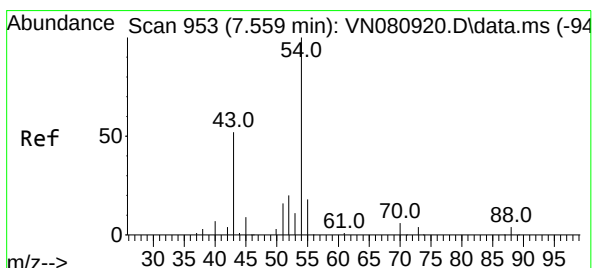
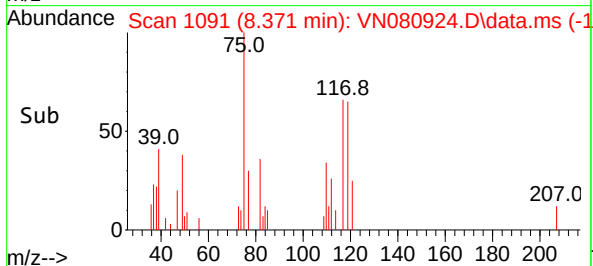
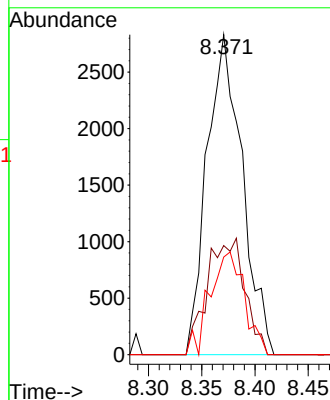
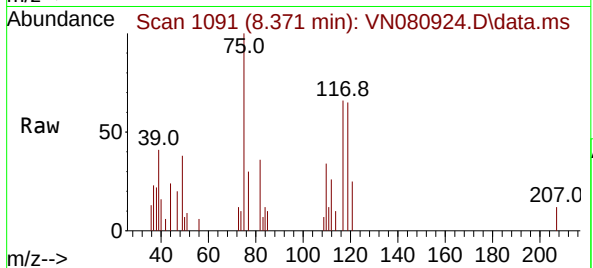
Tgt Ion:	75	Resp:	651
Ion	Ratio	Lower	Upper
75	100		
110	38.8	16.0	48.0
77	31.4	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#37

Ethyl Acetate

Concen: 0.917 ug/l

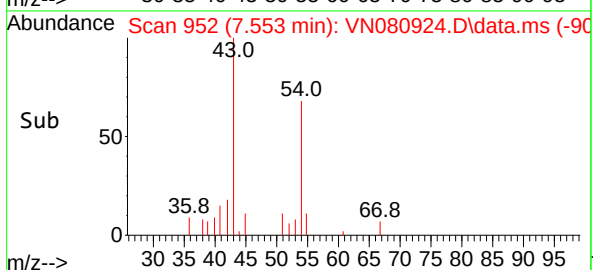
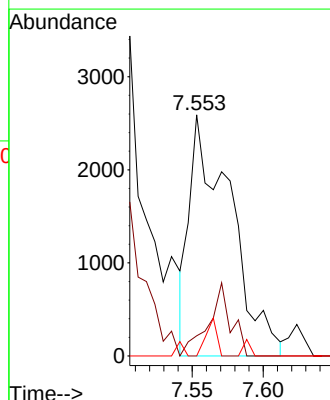
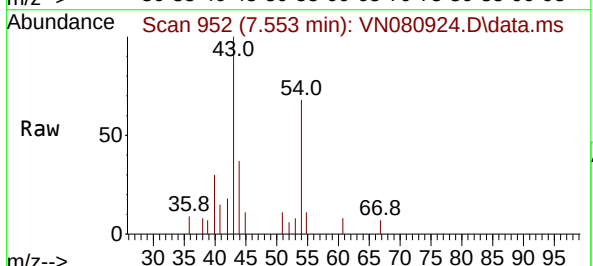
RT: 7.553 min Scan# 952

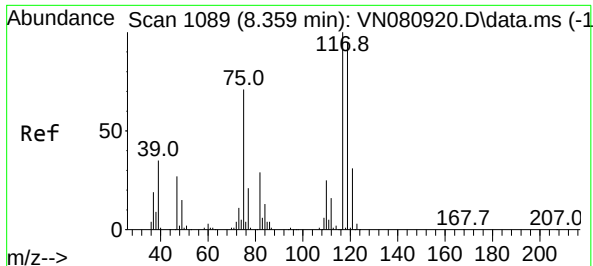
Delta R.T. -0.006 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

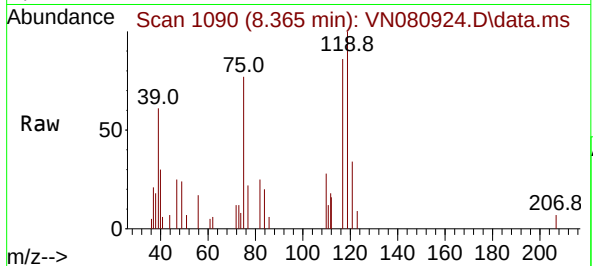
Tgt Ion:	43	Resp:	5180
Ion	Ratio	Lower	Upper
43	100		
61	16.8	10.6	15.8#
70	4.1	8.0	12.0#





#38
Carbon Tetrachloride
Concen: 0.830 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

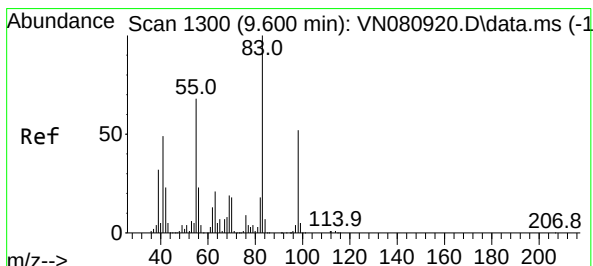
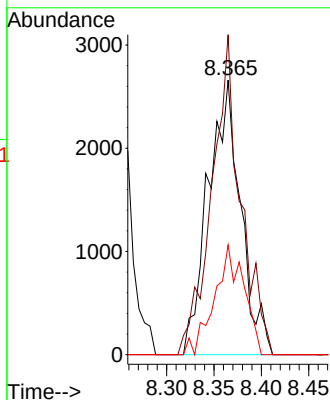
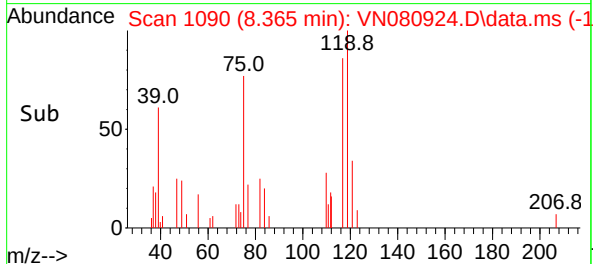
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 635
Ion Ratio Lower Upper
117 100
119 116.6 73.4 110.2
121 40.0 24.4 36.6

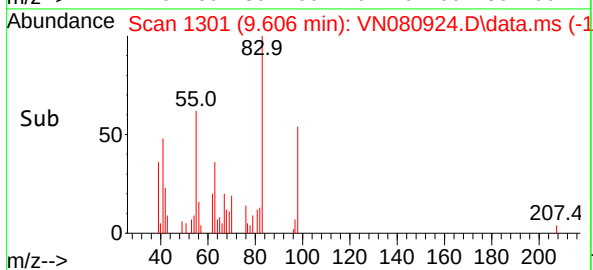
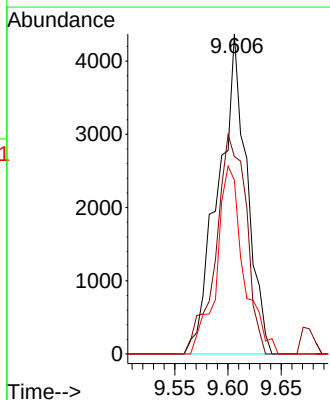
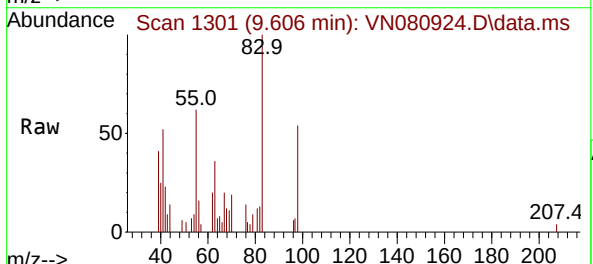
Manual Integrations
APPROVED

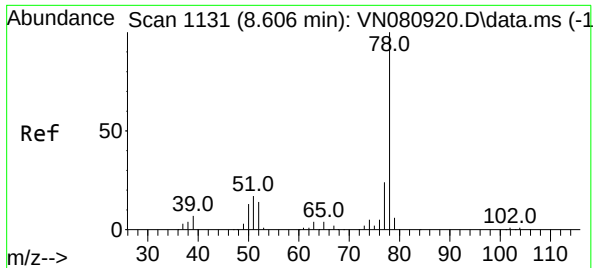
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#39
Methylcyclohexane
Concen: 0.980 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 83 Resp: 8152
Ion Ratio Lower Upper
83 100
55 61.7 65.7 98.5#
98 54.3 33.8 50.6#





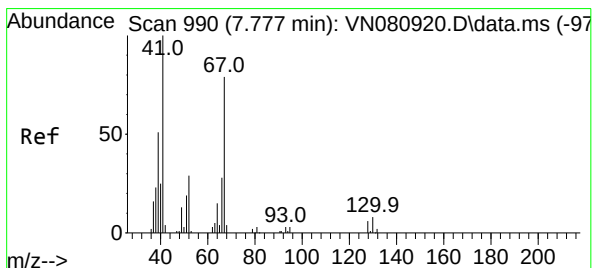
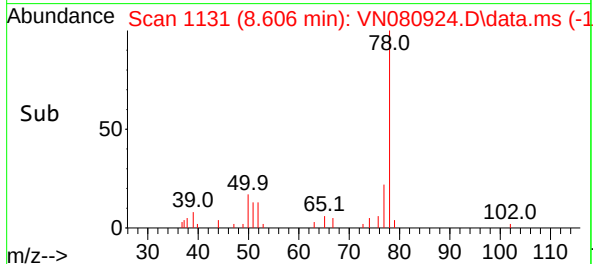
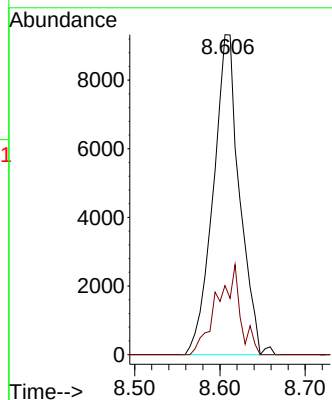
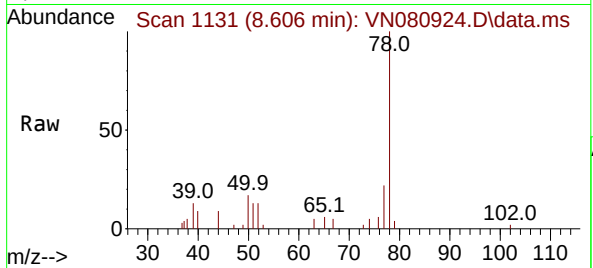
#40
Benzene
Concen: 0.882 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 2003
Ion Ratio Lower Upper
78 100
77 21.6 20.4 30.6

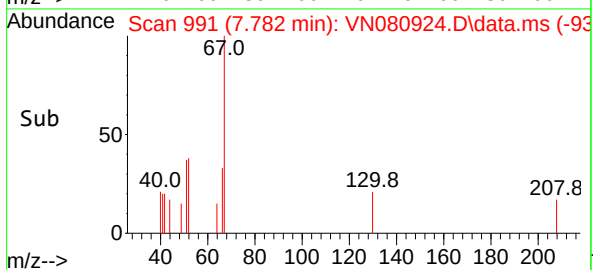
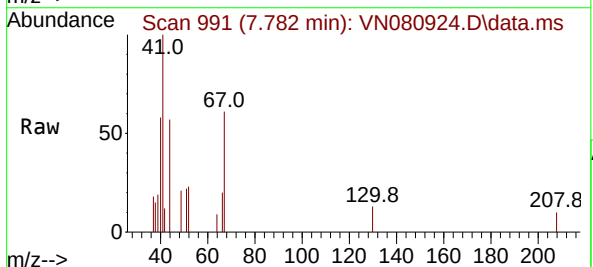
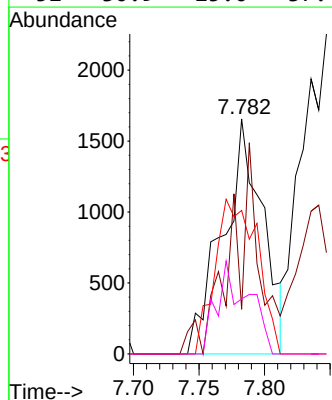
Manual Integrations
APPROVED

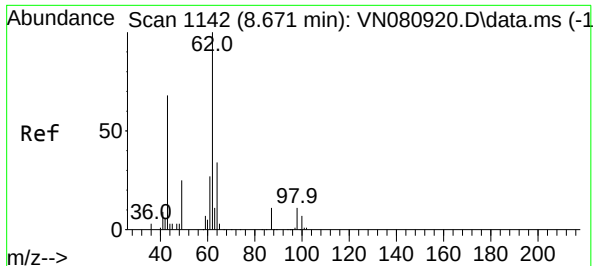
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#41
Methacrylonitrile
Concen: 1.040 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 41 Resp: 3500
Ion Ratio Lower Upper
41 100
39 63.7 48.4 72.6
67 69.9 56.8 85.2
52 30.9 25.0 37.4





#42

1,2-Dichloroethane

Concen: 0.942 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 745

Ion Ratio Lower Upper

62 100

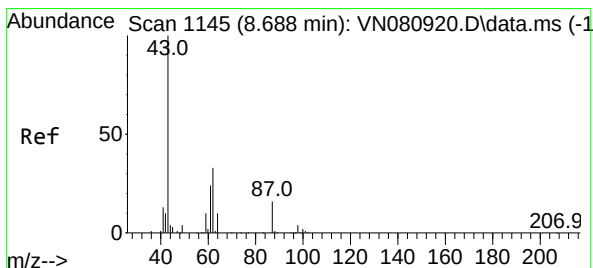
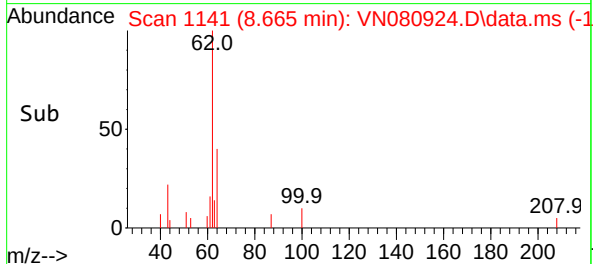
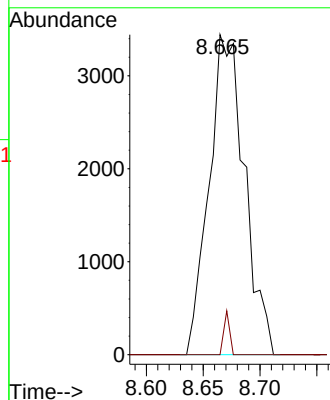
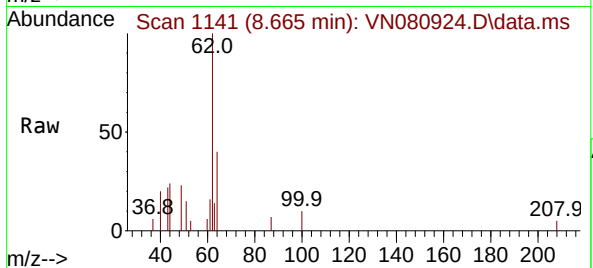
98 2.2 0.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#43

Isopropyl Acetate

Concen: 0.820 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

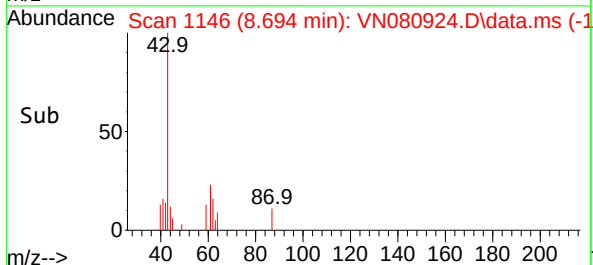
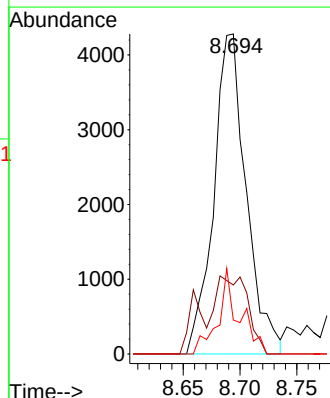
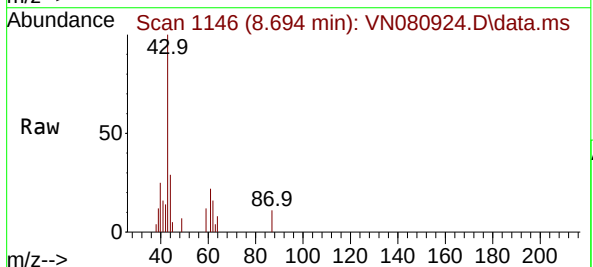
Tgt Ion: 43 Resp: 8516

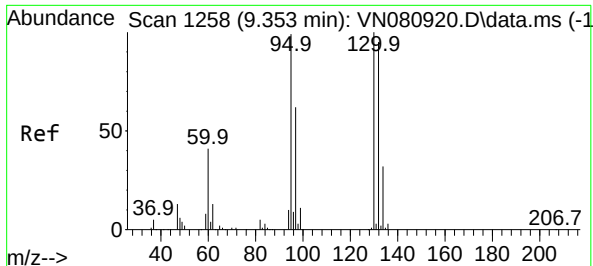
Ion Ratio Lower Upper

43 100

61 24.4 19.9 29.9

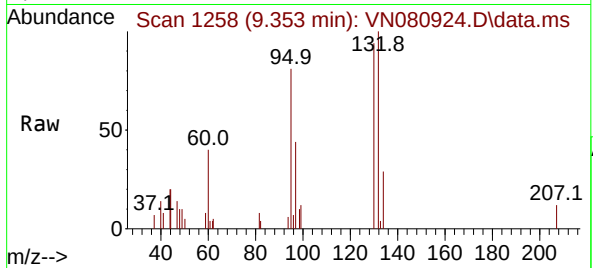
87 17.4 9.0 13.6





#44
Trichloroethene
Concen: 1.150 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

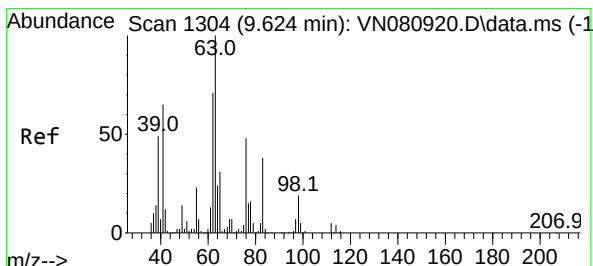
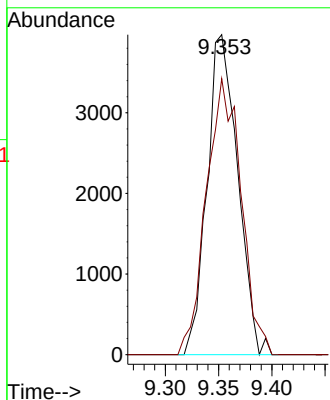
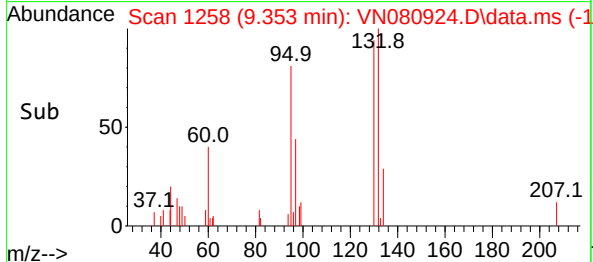
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



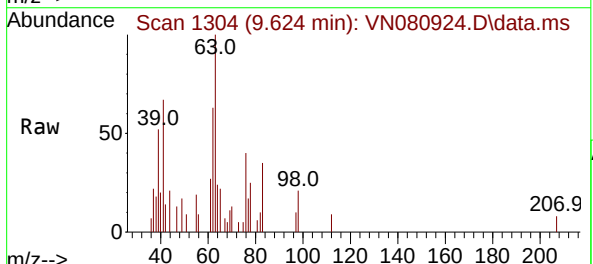
Tgt Ion:130 Resp: 7930
Ion Ratio Lower Upper
130 100
95 86.3 0.0 210.4

Manual Integrations
APPROVED

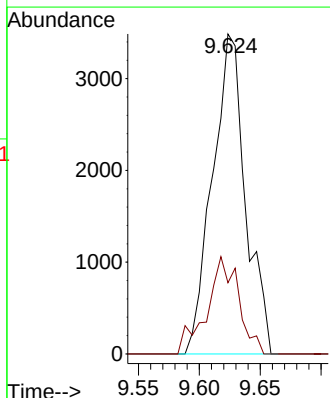
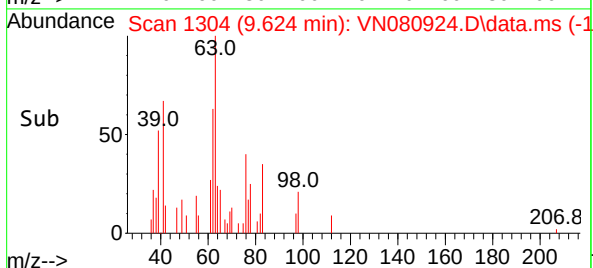
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

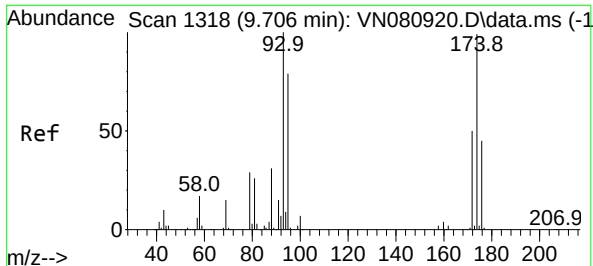


#45
1,2-Dichloropropane
Concen: 1.074 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09



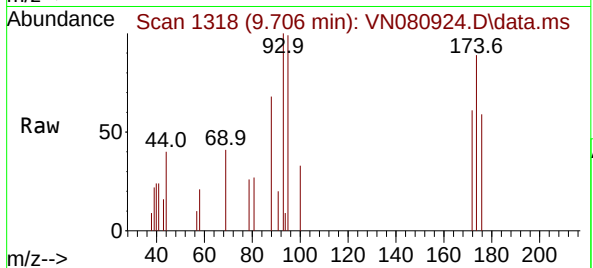
Tgt Ion: 63 Resp: 6588
Ion Ratio Lower Upper
63 100
65 22.2 26.1 39.1#





#46
Dibromomethane
Concen: 1.002 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

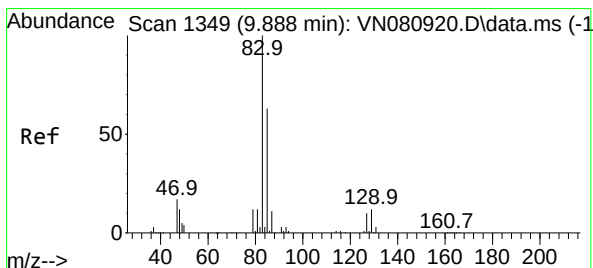
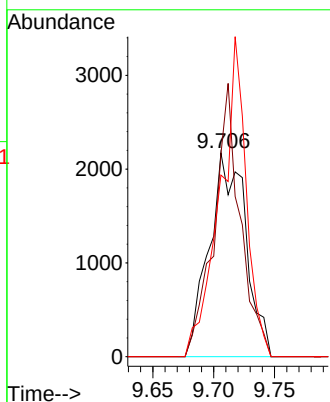
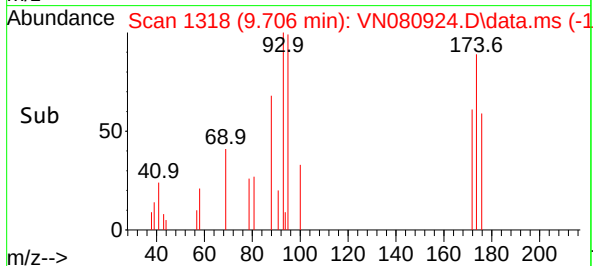
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 93 Resp: 454
Ion Ratio Lower Upper
93 100
95 95.8 68.1 102.1
174 112.0 57.2 85.8

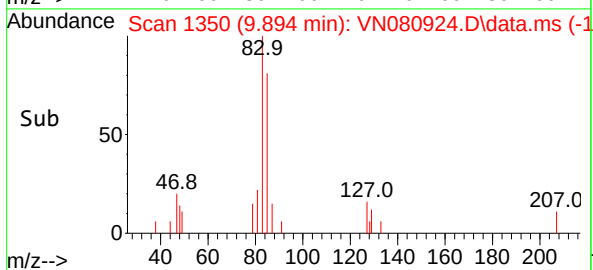
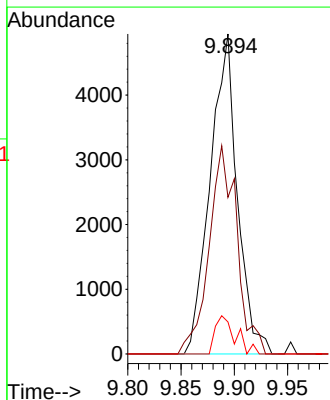
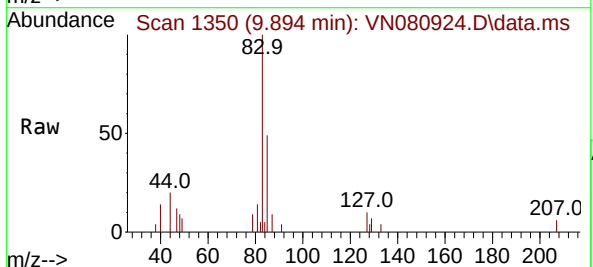
Manual Integrations
APPROVED

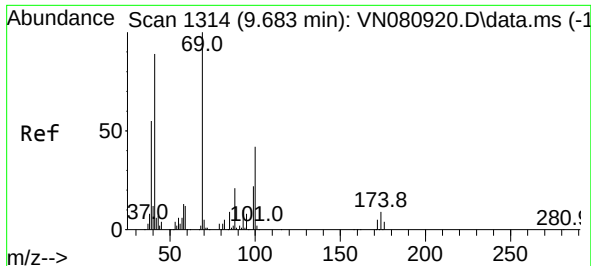
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#47
Bromodichloromethane
Concen: 0.989 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

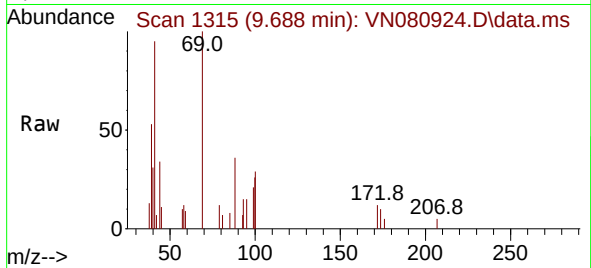
Tgt Ion: 83 Resp: 8773
Ion Ratio Lower Upper
83 100
85 49.0 52.3 78.5#
127 10.0 4.6 7.0#





#48
Methyl methacrylate
Concen: 1.162 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

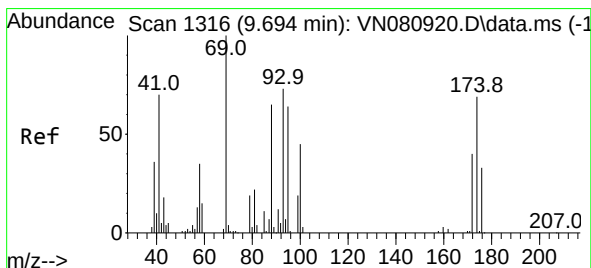
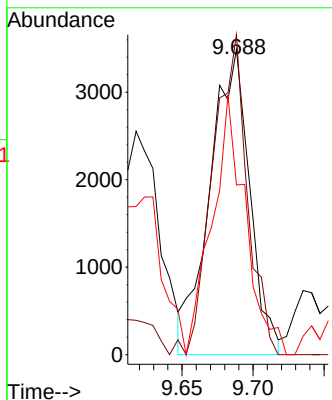
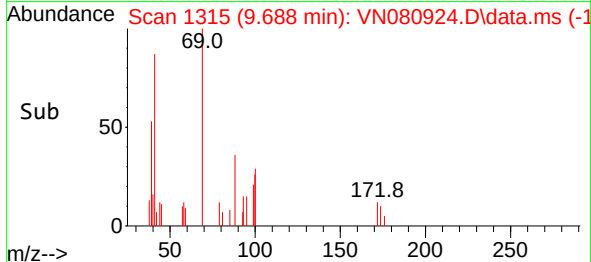
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



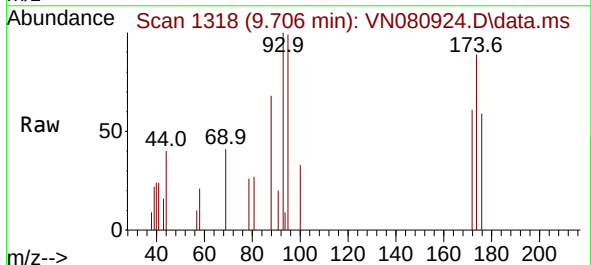
Tgt Ion: 41 Resp: 6798
Ion Ratio Lower Upper
41 100
69 91.1 62.2 93.2
39 71.3 47.6 71.4

Manual Integrations
APPROVED

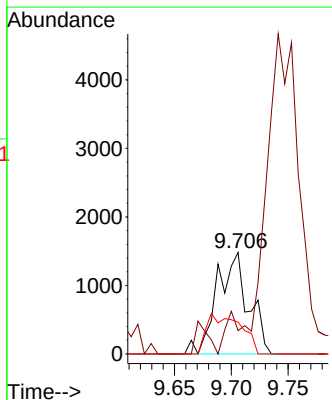
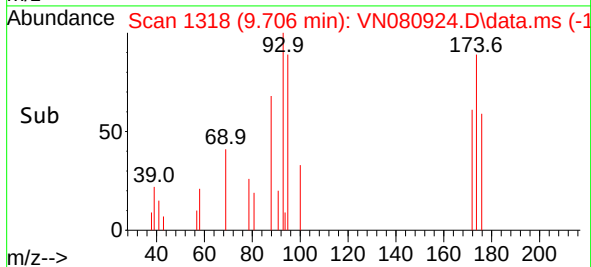
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

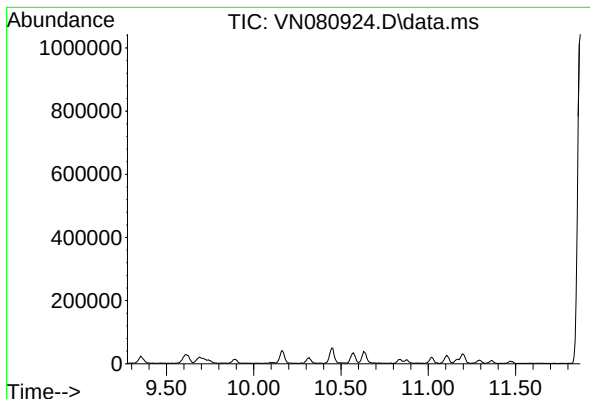


#49
1,4-Dioxane
Concen: 26.420 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09



Tgt Ion: 88 Resp: 2855
Ion Ratio Lower Upper
88 100
43 16.3 30.1 45.1#
58 0.0 63.9 95.9#





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

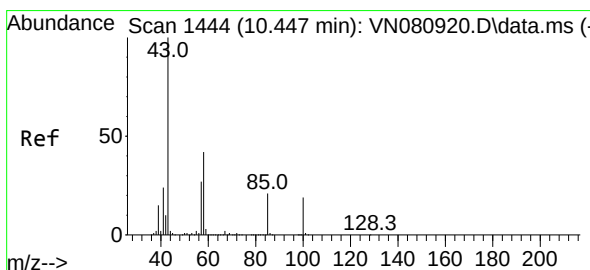
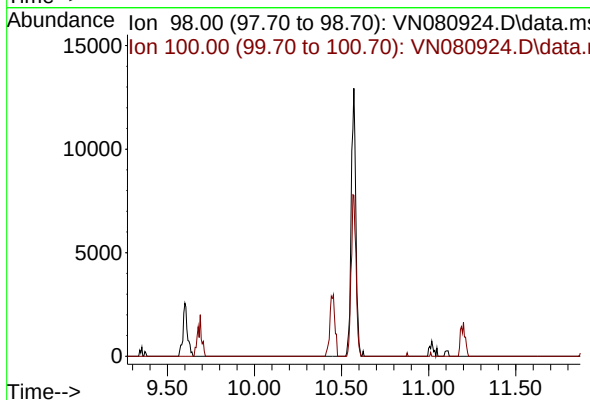
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.2

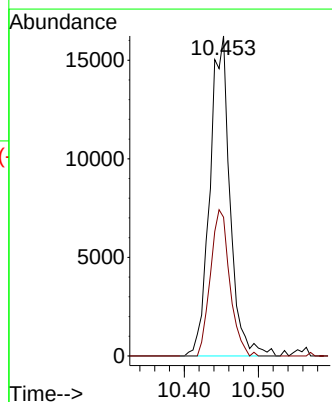
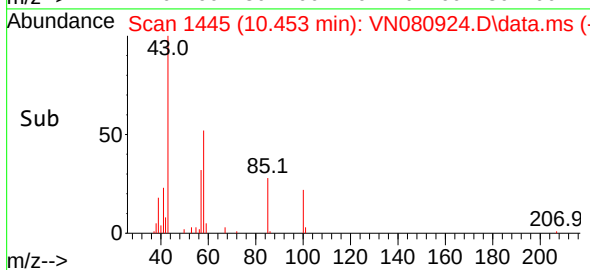
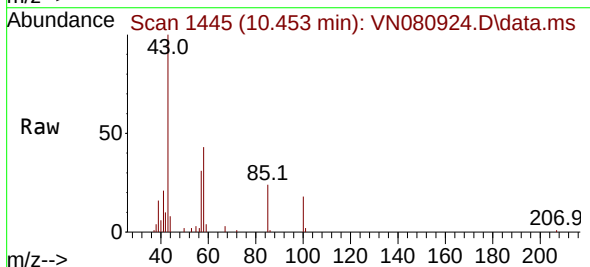
Manual Integrations APPROVED

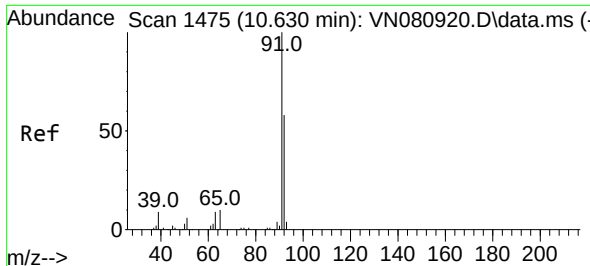
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#51
4-Methyl-2-Pentanone
Concen: 4.897 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 43 Resp: 30657
Ion Ratio Lower Upper
43 100
58 43.7 29.4 44.0





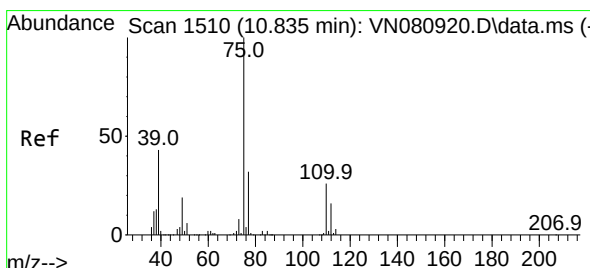
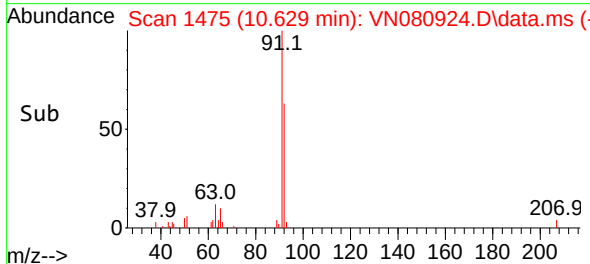
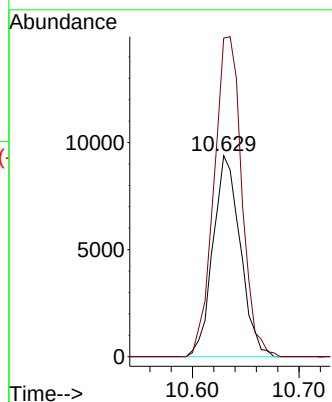
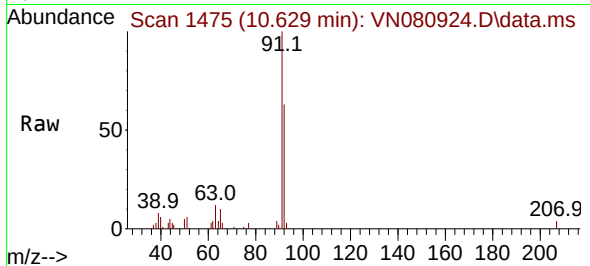
#52
Toluene
Concen: 1.096 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 1668
Ion Ratio Lower Upper
92 100
91 162.2 139.4 209.0

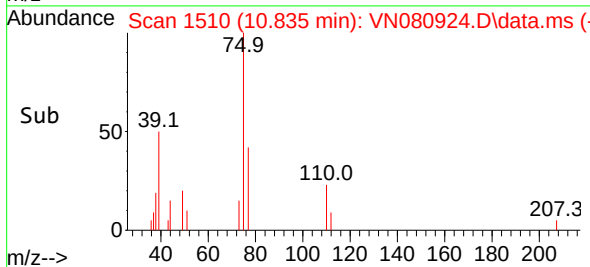
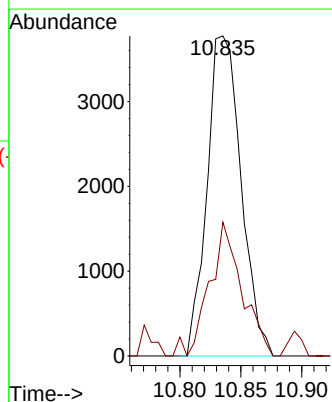
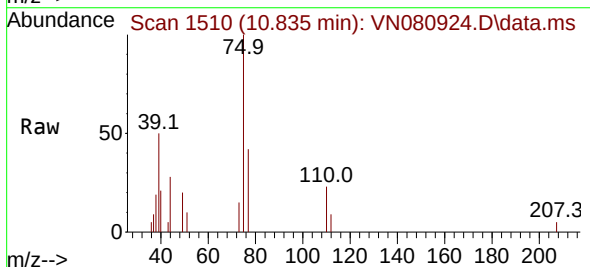
Manual Integrations
APPROVED

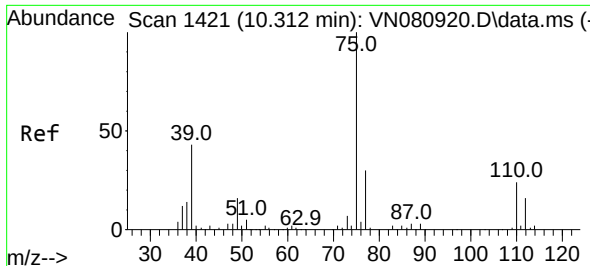
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#53
t-1,3-Dichloropropene
Concen: 0.857 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

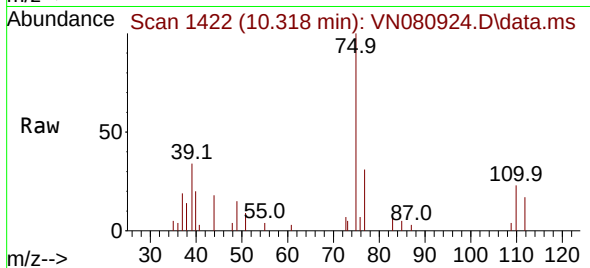
Tgt Ion: 75 Resp: 7354
Ion Ratio Lower Upper
75 100
77 41.8 25.5 38.3#





#54
cis-1,3-Dichloropropene
Concen: 0.989 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

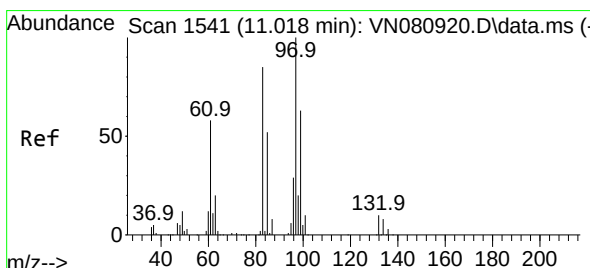
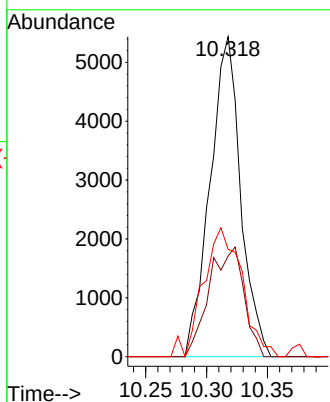
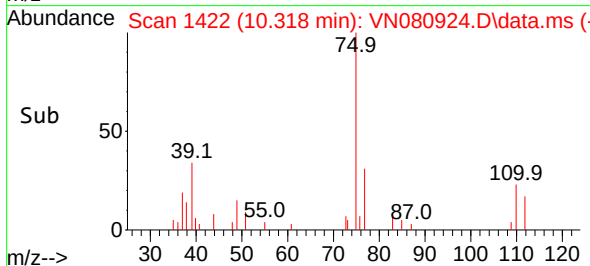
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 952
Ion Ratio Lower Upper
75 100
77 31.5 23.3 34.9
39 33.6 44.6 66.8

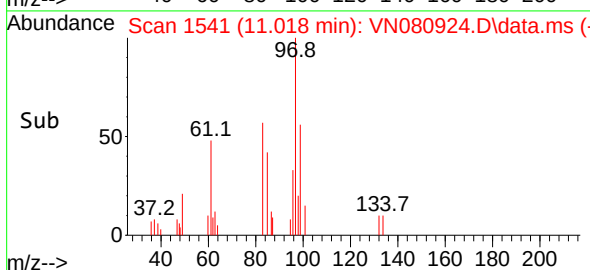
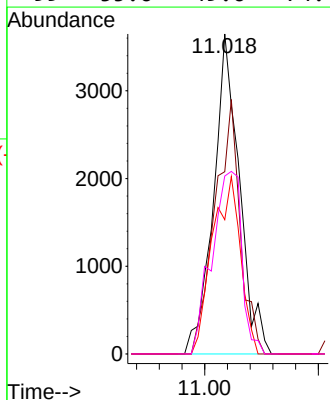
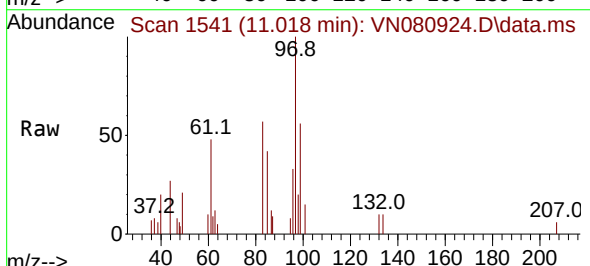
Manual Integrations
APPROVED

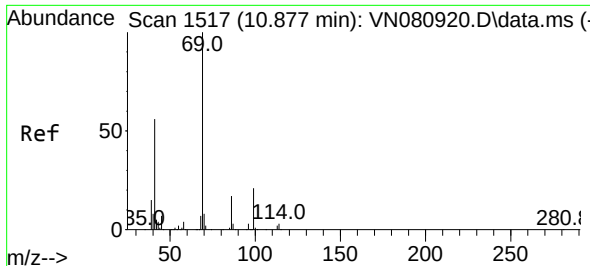
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#55
1,1,2-Trichloroethane
Concen: 0.983 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

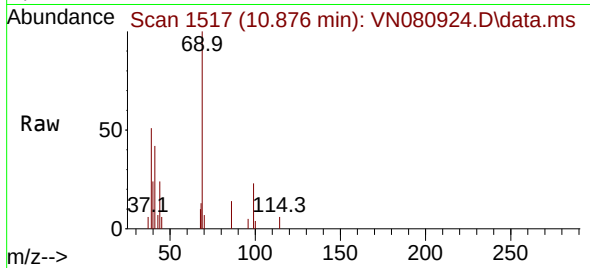
Tgt Ion: 97 Resp: 5783
Ion Ratio Lower Upper
97 100
83 56.9 72.9 109.3#
85 41.9 50.2 75.2#
99 55.6 49.6 74.4





#56
Ethyl methacrylate
Concen: 0.807 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

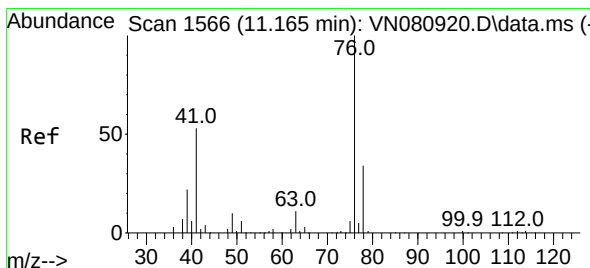
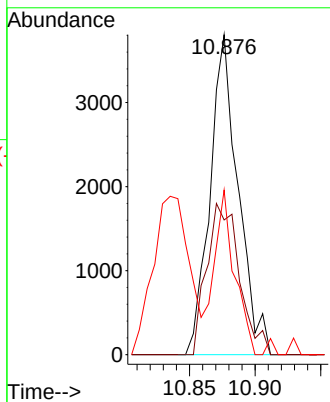
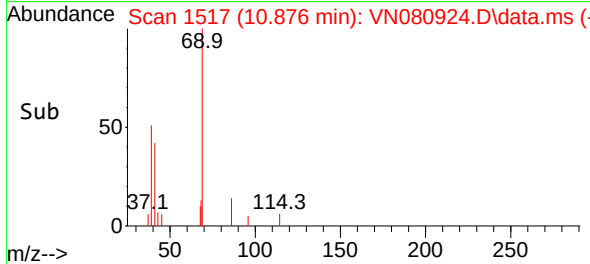
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 568
Ion Ratio Lower Upper
69 100
41 54.9 61.0 91.6
39 37.4 31.8 47.6

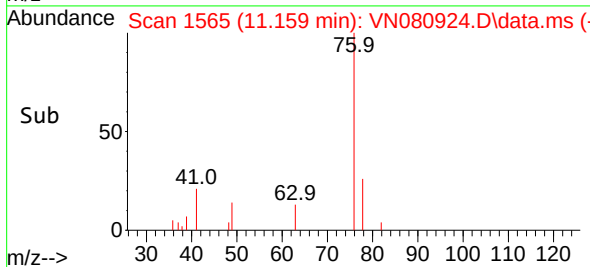
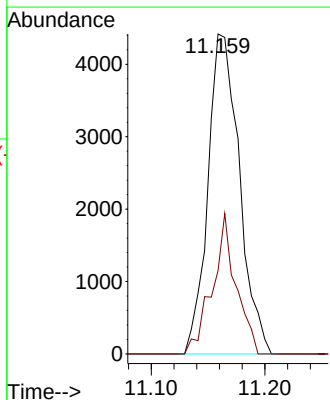
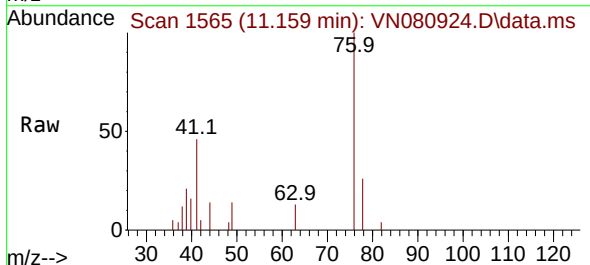
Manual Integrations
APPROVED

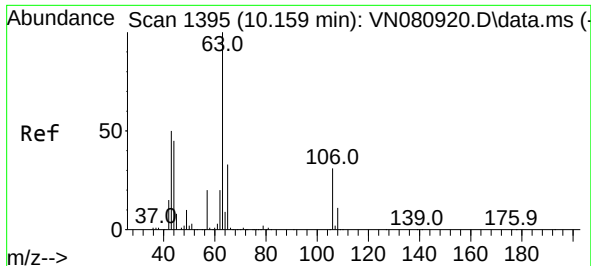
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#57
1,3-Dichloropropane
Concen: 0.891 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 76 Resp: 8509
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3





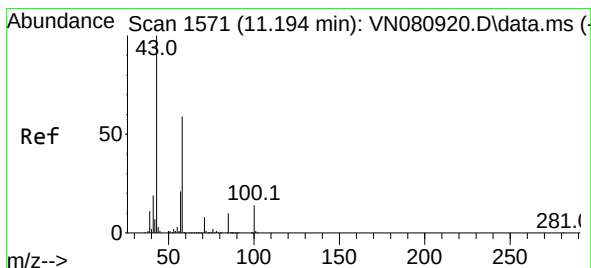
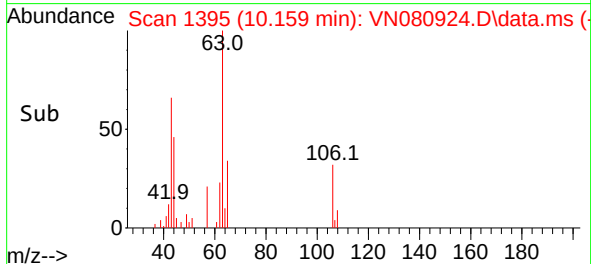
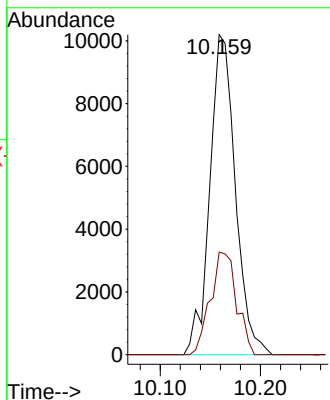
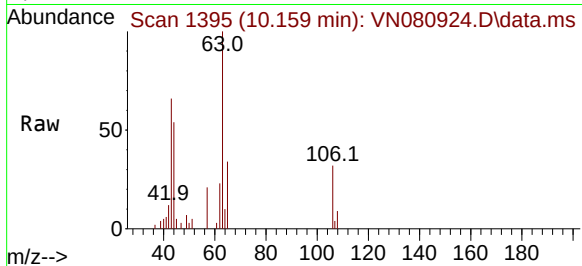
#58
2-Chloroethyl Vinyl ether
Concen: 4.231 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 18079
Ion Ratio Lower Upper
63 100
106 32.9 18.6 28.0

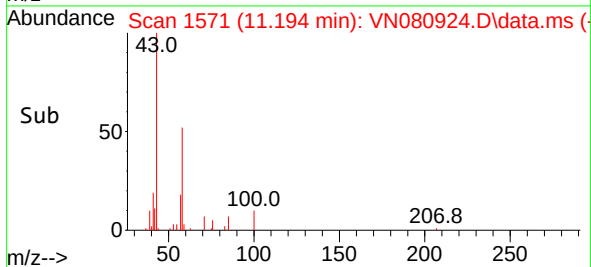
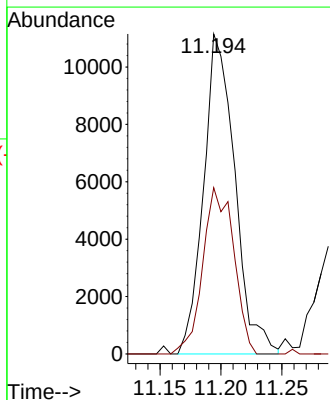
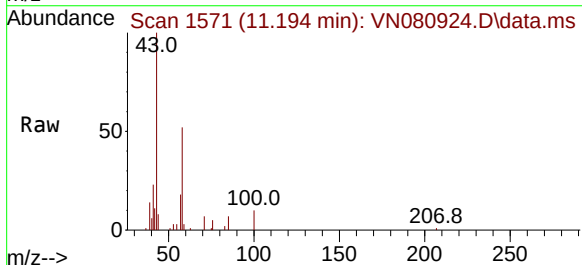
Manual Integrations
APPROVED

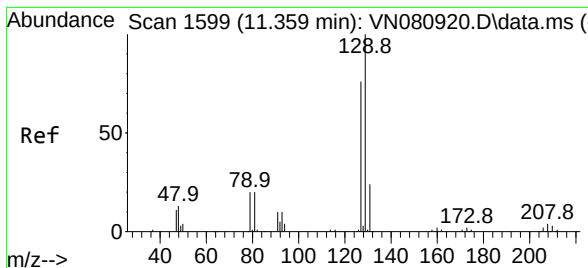
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#59
2-Hexanone
Concen: 4.205 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 43 Resp: 19953
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8





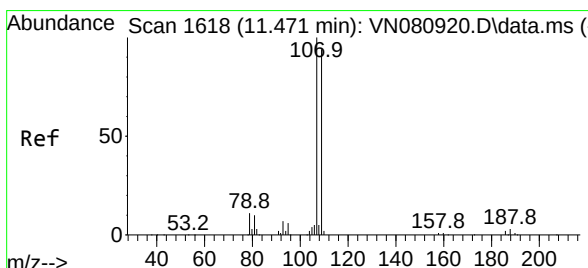
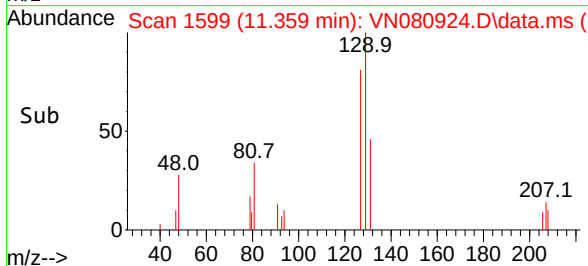
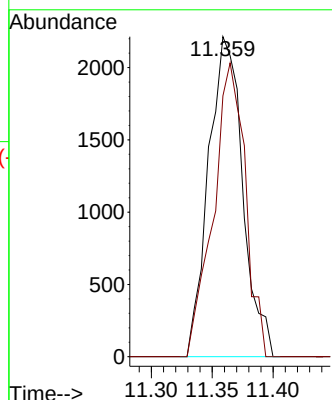
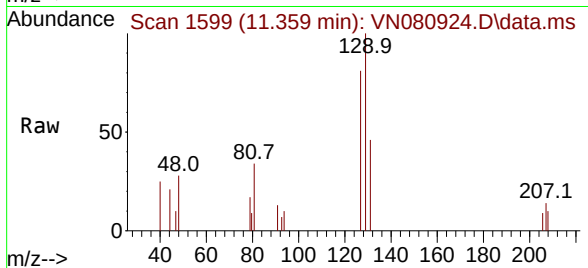
#60
Dibromochloromethane
Concen: 0.718 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 4319
Ion Ratio Lower Upper
129 100
127 85.9 39.4 118.2

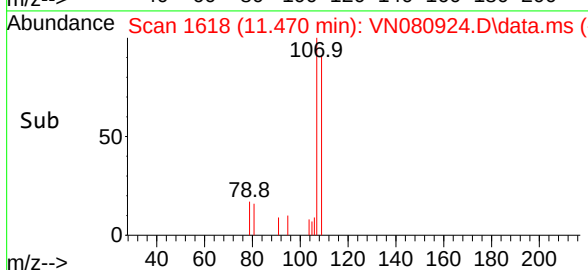
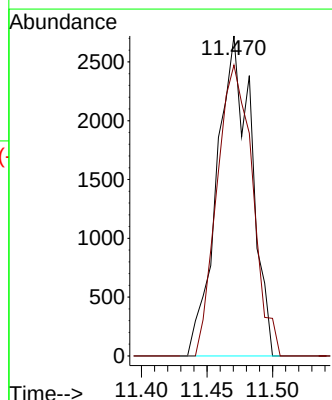
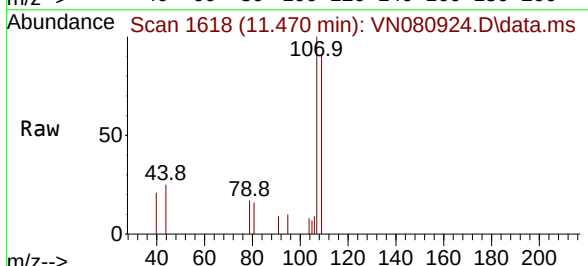
Manual Integrations
APPROVED

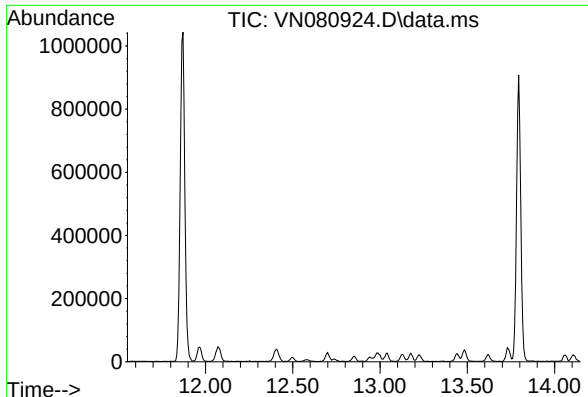
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#61
1,2-Dibromoethane
Concen: 0.849 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion:107 Resp: 4982
Ion Ratio Lower Upper
107 100
109 93.2 73.4 110.2





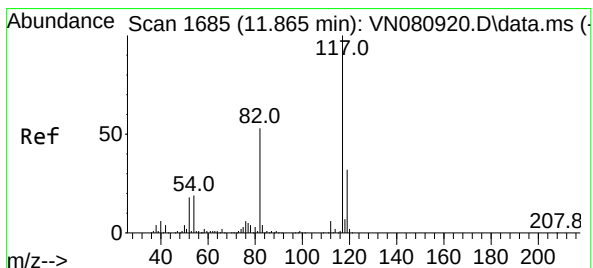
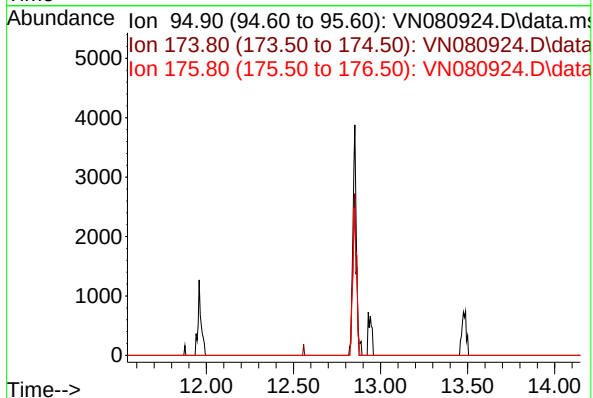
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 60.2
 176 60.5

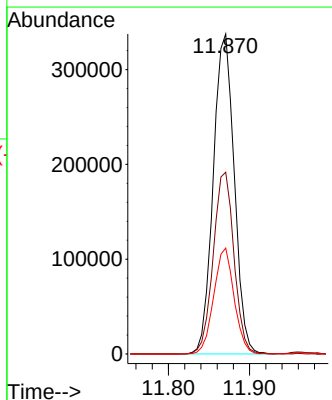
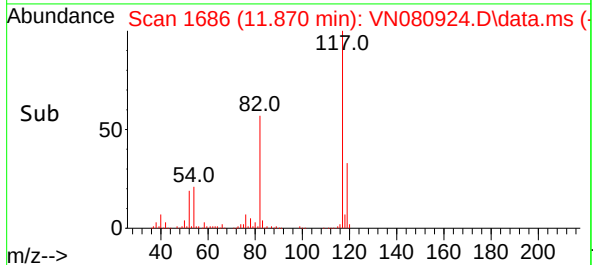
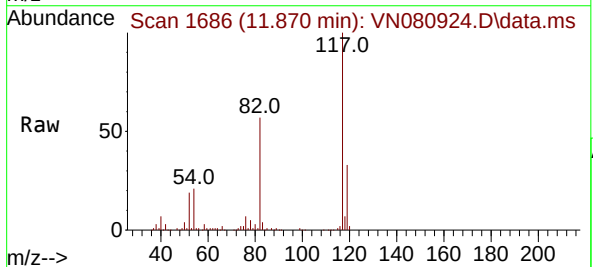
Manual Integrations APPROVED

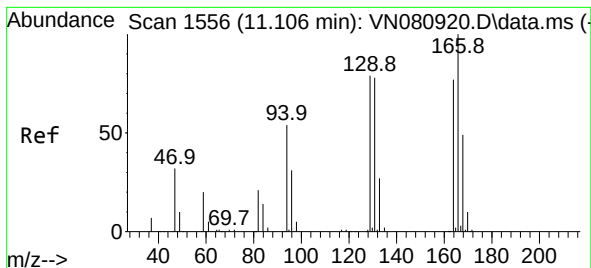
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09

Tgt Ion:117 Resp: 606969
 Ion Ratio Lower Upper
 117 100
 82 56.8 52.7 79.1
 119 33.1 25.3 37.9





#64

Tetrachloroethene

Concen: 1.328 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 608

Ion Ratio Lower Upper

164 100

166 127.6 105.8 158.6

129 109.4 89.6 134.4

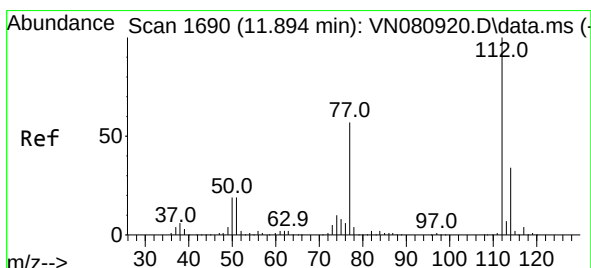
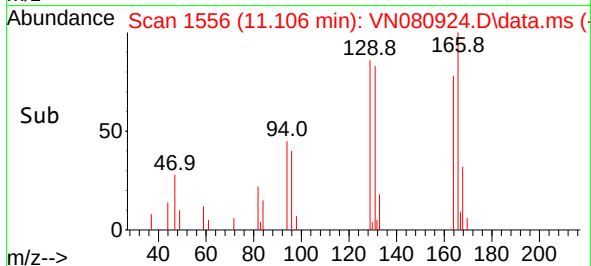
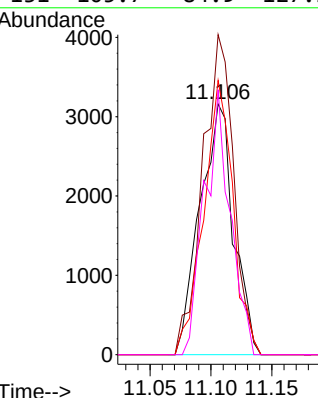
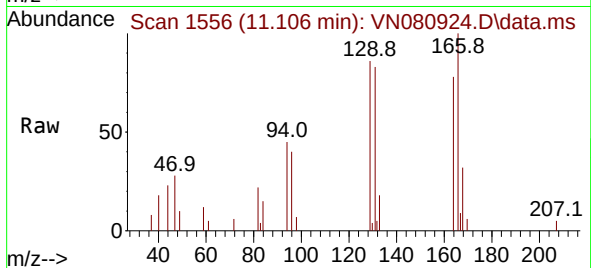
131 105.7 84.9 127.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#65

Chlorobenzene

Concen: 1.026 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN080924.D

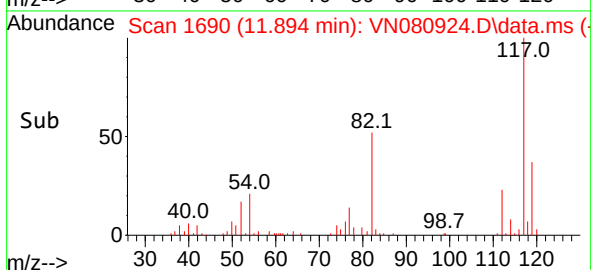
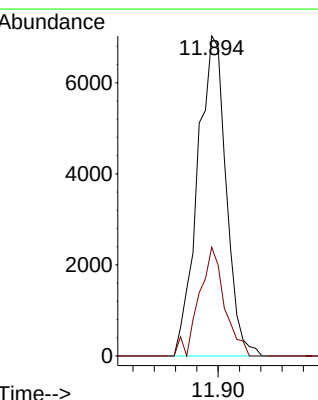
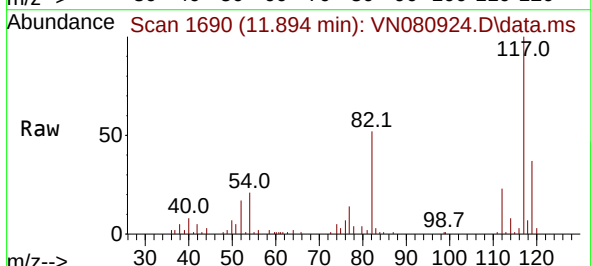
Acq: 06 Feb 2024 18:09

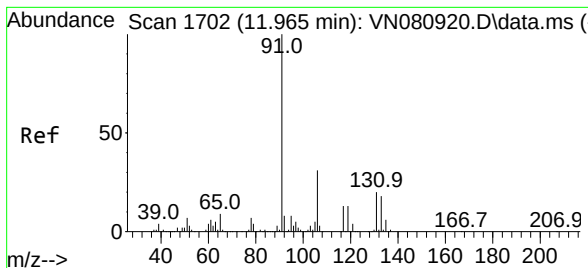
Tgt Ion:112 Resp: 13057

Ion Ratio Lower Upper

112 100

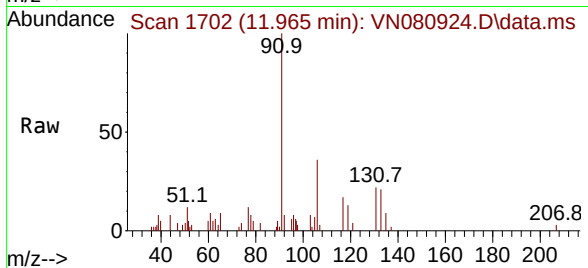
114 33.9 23.7 35.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.843 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

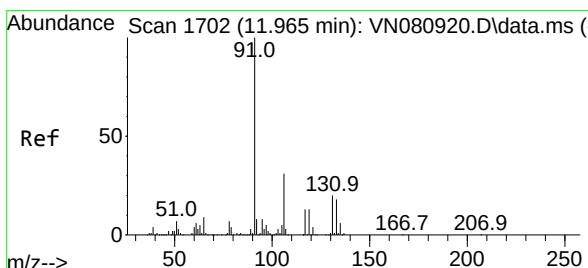
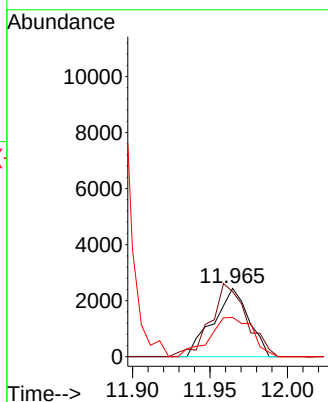
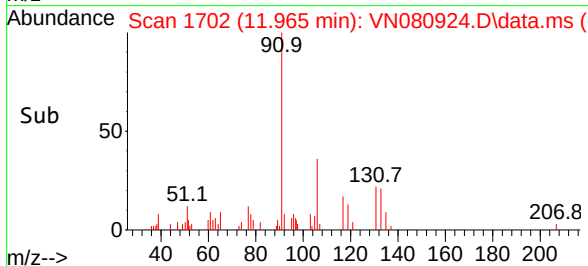
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 386
Ion Ratio Lower Upper
131 100
133 108.5 46.8 140.3
119 0.0 34.6 103.9

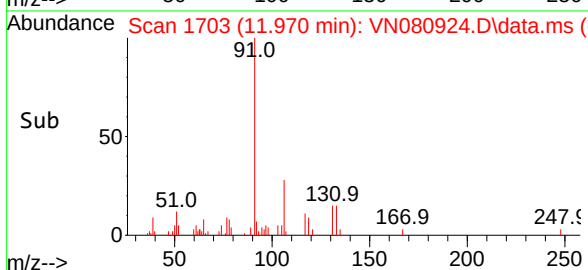
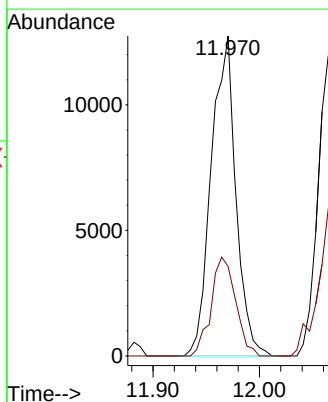
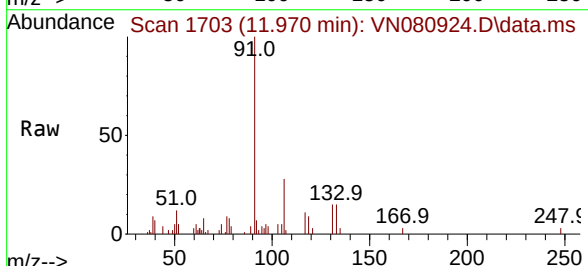
Manual Integrations
APPROVED

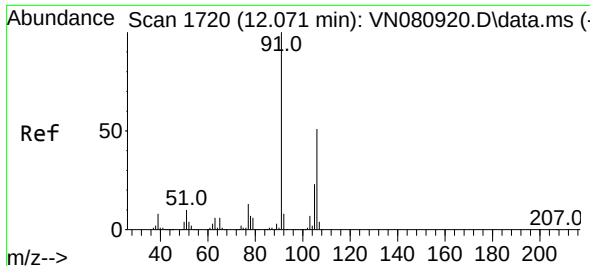
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#67
Ethyl Benzene
Concen: 0.934 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 91 Resp: 20467
Ion Ratio Lower Upper
91 100
106 27.9 23.8 35.6





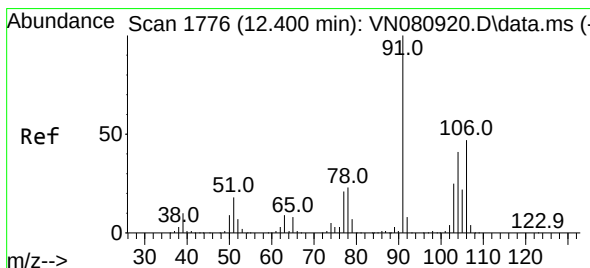
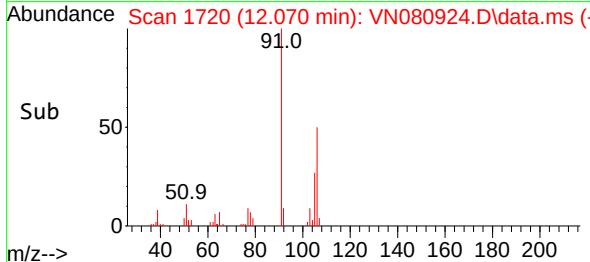
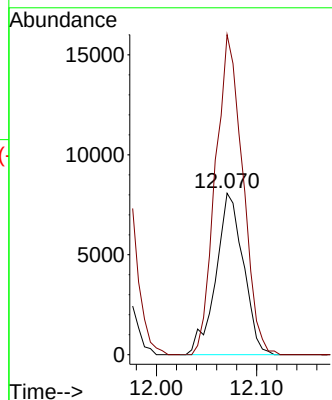
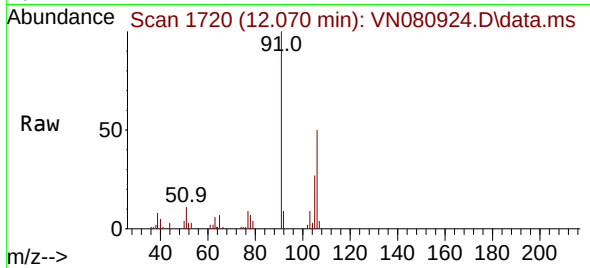
#68
m/p-Xylenes
Concen: 1.841 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 15329
Ion Ratio Lower Upper
106 100
91 197.4 169.0 253.6

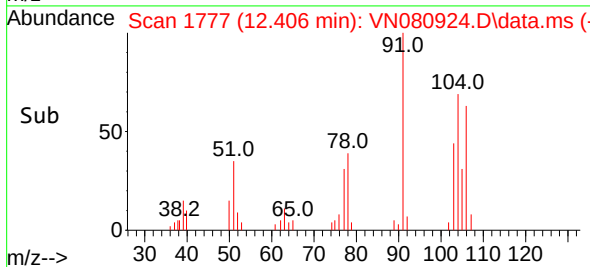
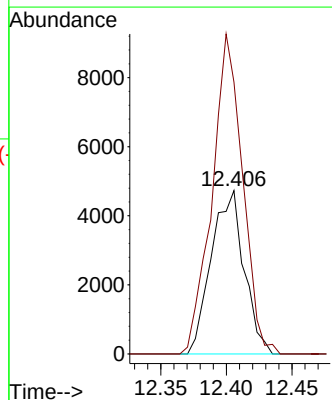
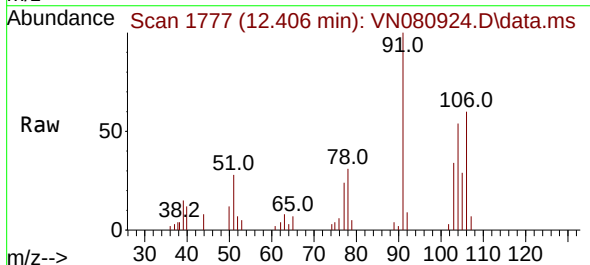
Manual Integrations
APPROVED

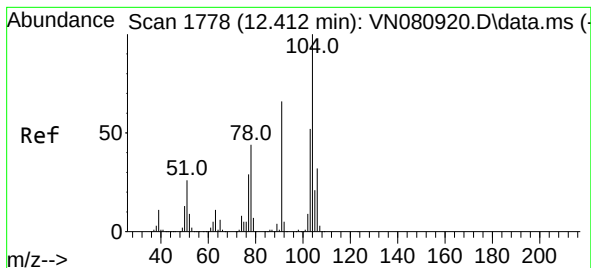
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#69
o-Xylene
Concen: 1.017 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion:106 Resp: 8215
Ion Ratio Lower Upper
106 100
91 182.3 112.1 336.3





#70

Styrene

Concen: 0.794 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

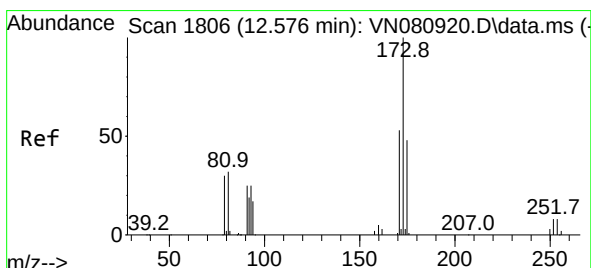
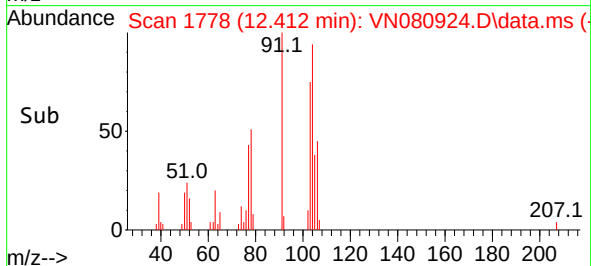
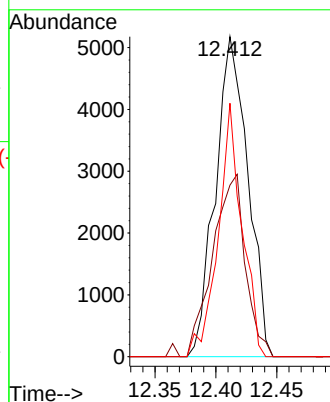
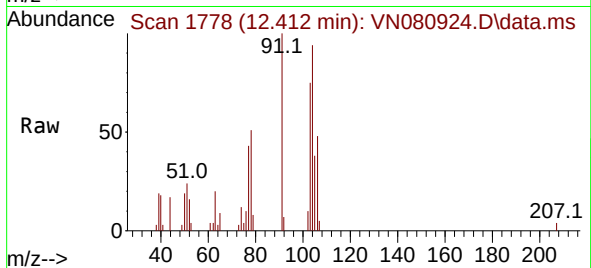
Tgt Ion:	104	Resp:	9620
Ion Ratio	Lower	Upper	
104	100		
78	57.2	43.8	65.8
103	57.7	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#71

Bromoform

Concen: 0.888 ug/l

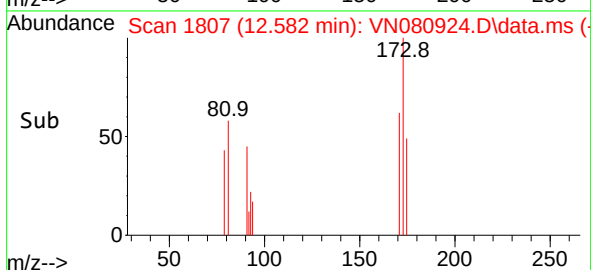
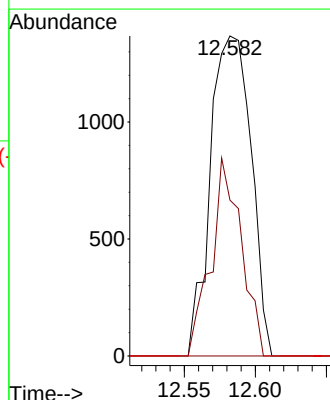
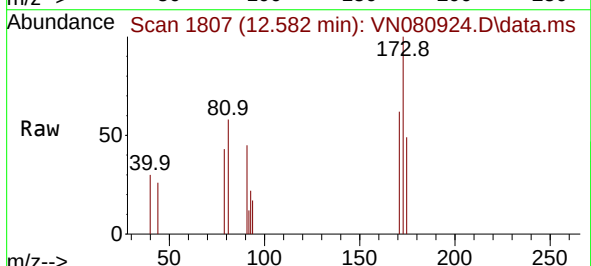
RT: 12.582 min Scan# 1807

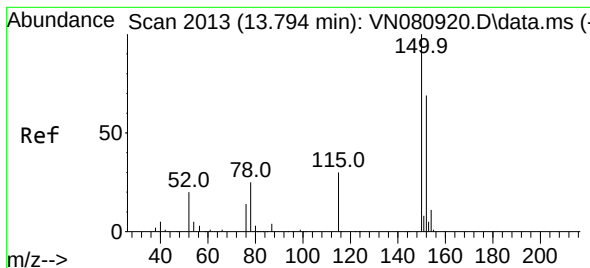
Delta R.T. 0.006 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

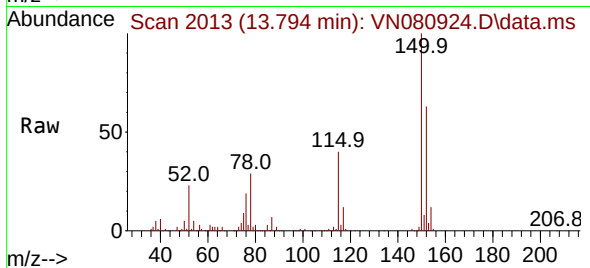
Tgt Ion:	173	Resp:	2729
Ion Ratio	Lower	Upper	
173	100		
175	46.0	23.1	69.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

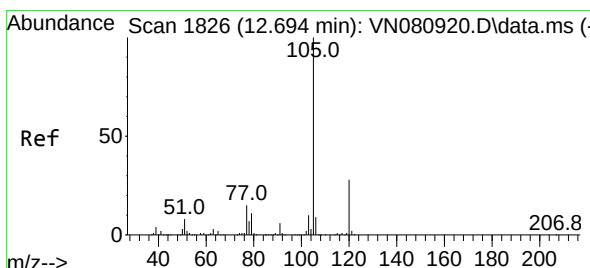
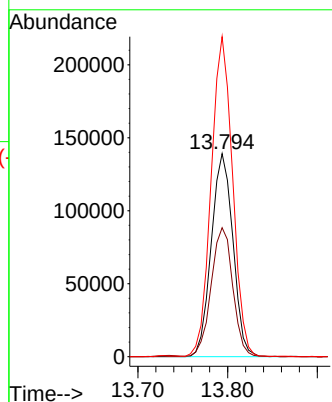
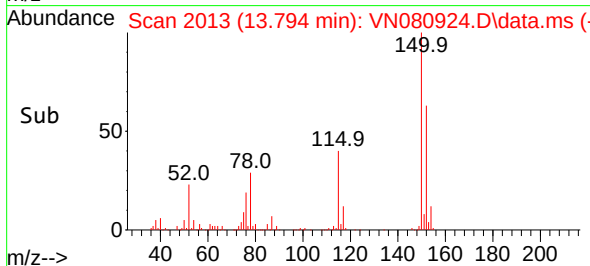
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



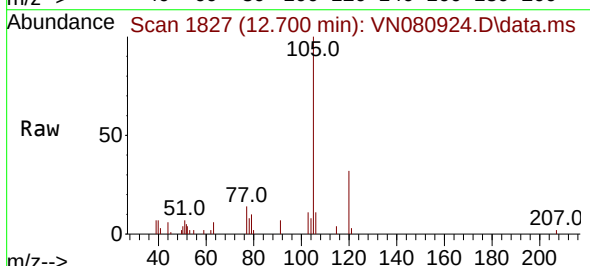
Tgt Ion:152 Resp: 23301
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 155.4 0.0 339.8

Manual Integrations
APPROVED

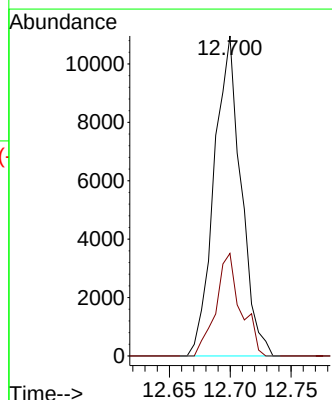
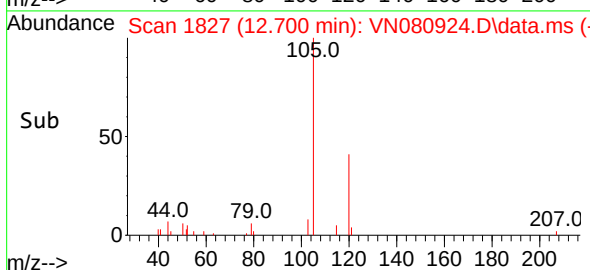
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

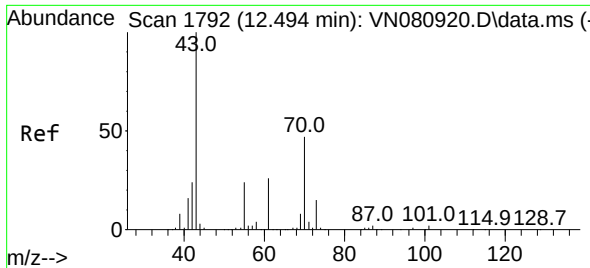


#73
Isopropylbenzene
Concen: 0.932 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09



Tgt Ion:105 Resp: 16884
Ion Ratio Lower Upper
105 100
120 29.7 12.6 37.6





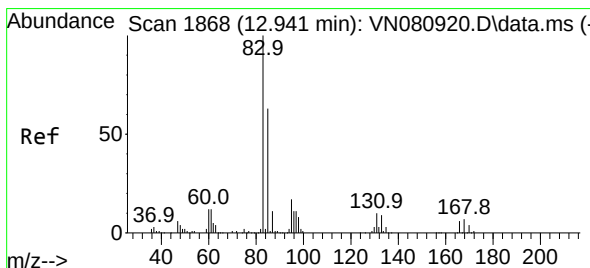
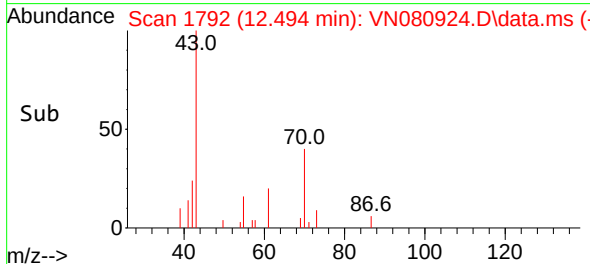
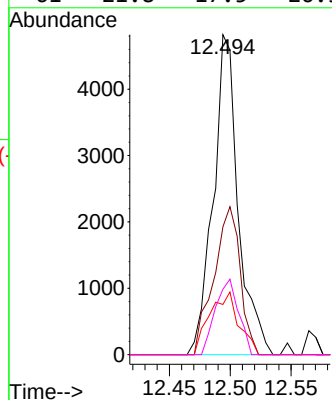
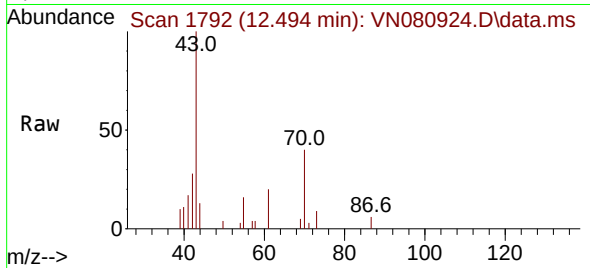
#74
N-amy1 acetate
Concen: 1.055 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 689
Ion Ratio	Lower Upper
43 100	
70 48.9	30.1 45.1
55 22.9	17.0 25.4
61 21.8	17.5 26.3

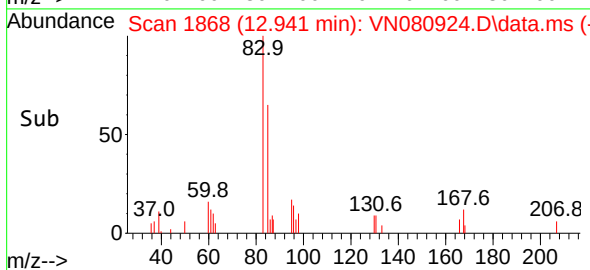
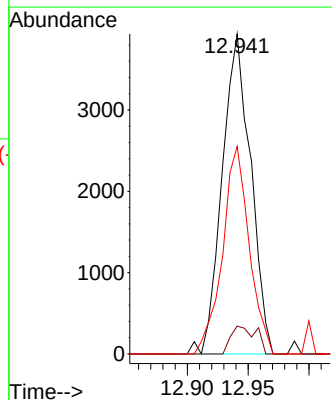
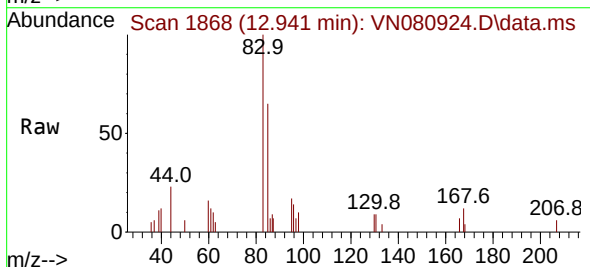
Manual Integrations
APPROVED

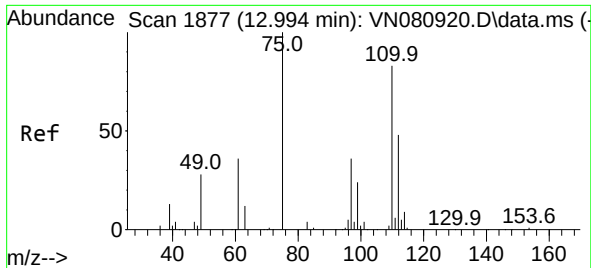
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 1.137 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 83	Resp: 6407
Ion Ratio	Lower Upper
83 100	
131 7.7	4.1 12.3
85 60.8	32.1 96.3





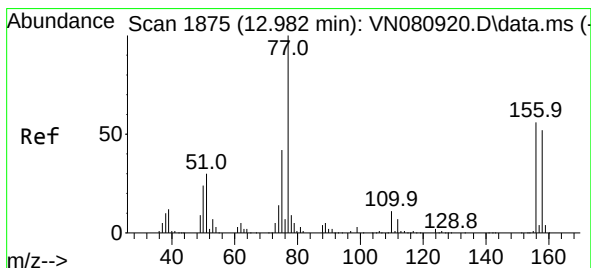
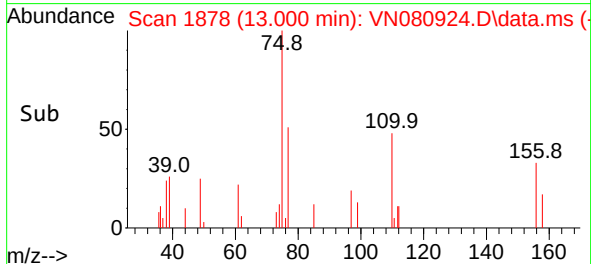
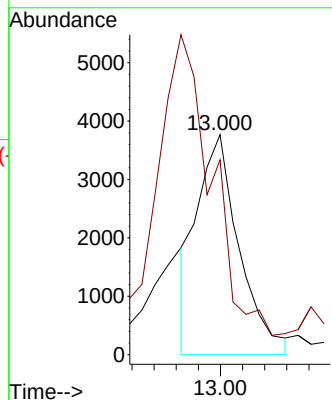
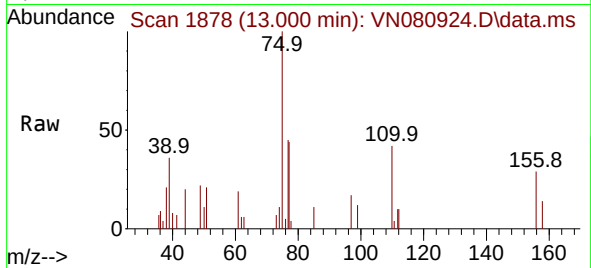
#76
1,2,3-Trichloropropane
Concen: 1.005 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 4980
Ion Ratio Lower Upper
75 100
77 204.7 91.0 272.8

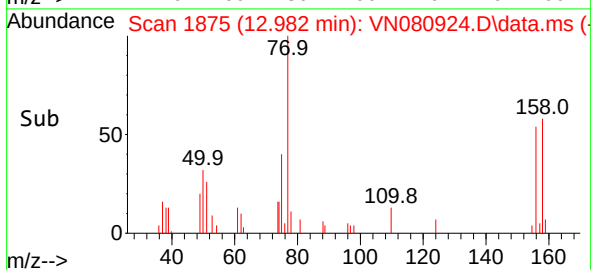
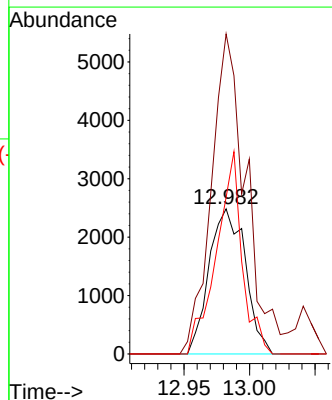
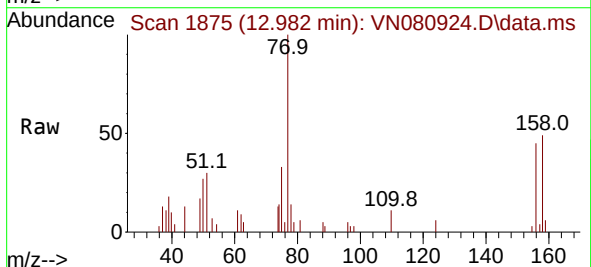
Manual Integrations
APPROVED

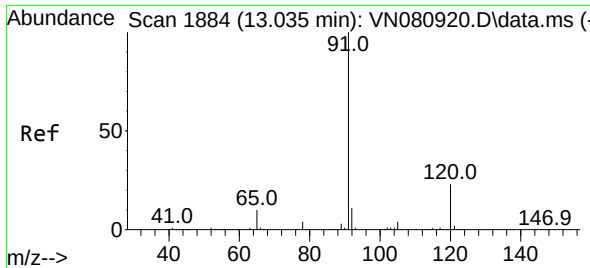
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#77
Bromobenzene
Concen: 1.044 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion:156 Resp: 4775
Ion Ratio Lower Upper
156 100
77 213.4 138.1 414.3
158 99.0 46.5 139.5





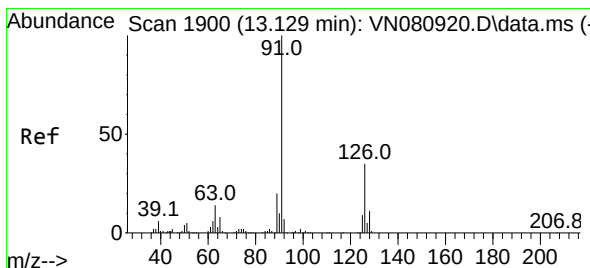
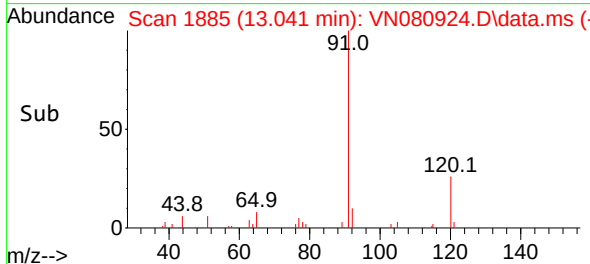
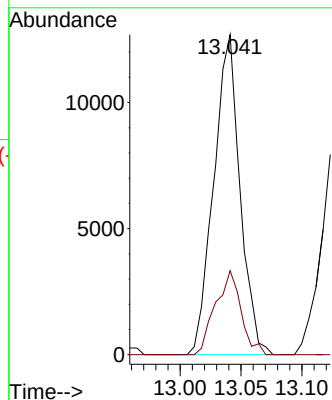
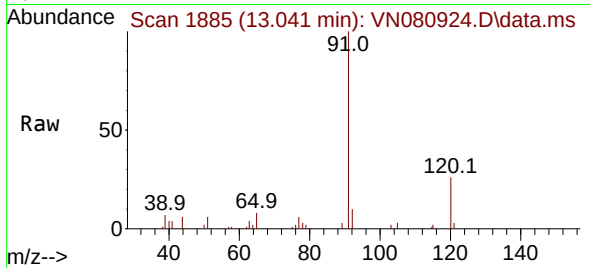
#78
n-propylbenzene
Concen: 0.932 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 1906
Ion Ratio Lower Upper
91 100
120 25.5 10.3 30.9

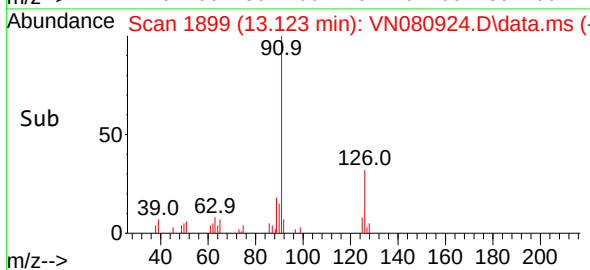
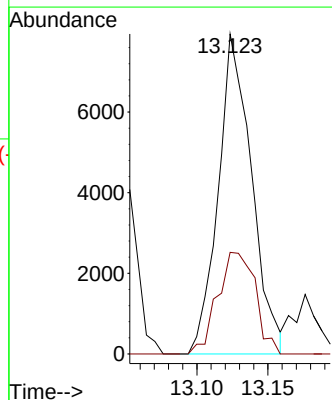
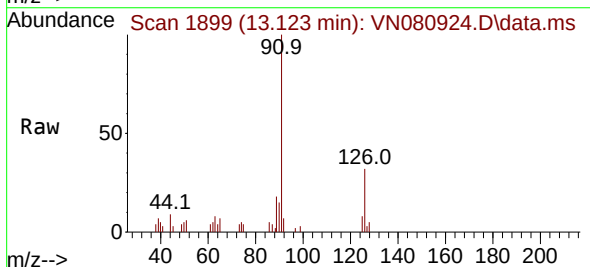
Manual Integrations
APPROVED

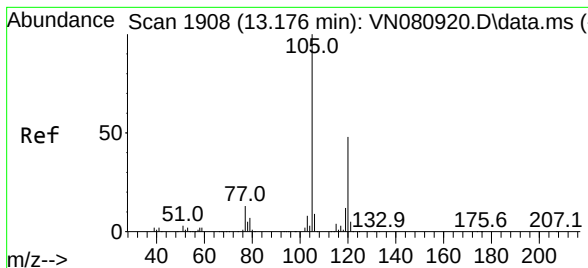
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#79
2-Chlorotoluene
Concen: 1.003 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 91 Resp: 12966
Ion Ratio Lower Upper
91 100
126 36.0 14.8 44.4





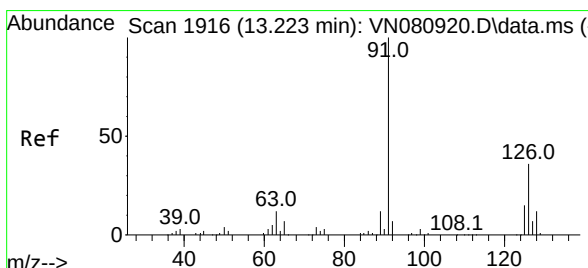
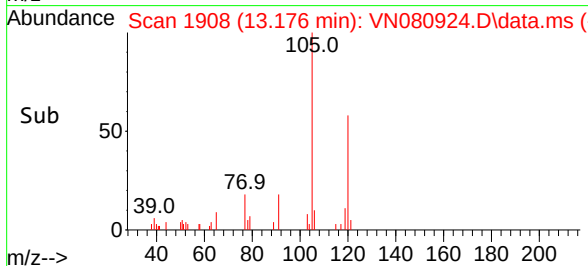
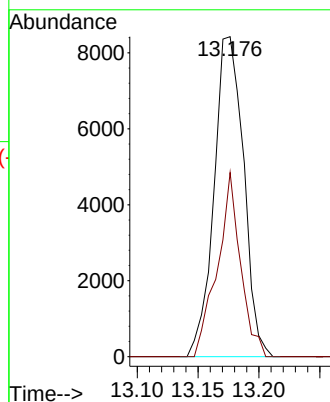
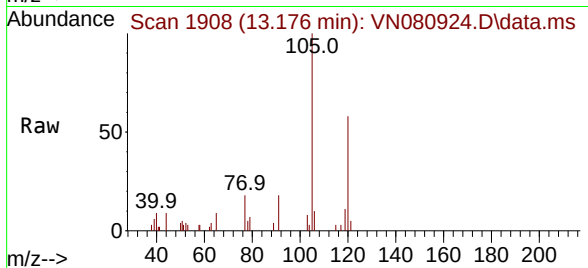
#80
1,3,5-Trimethylbenzene
Concen: 0.965 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 14218
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0

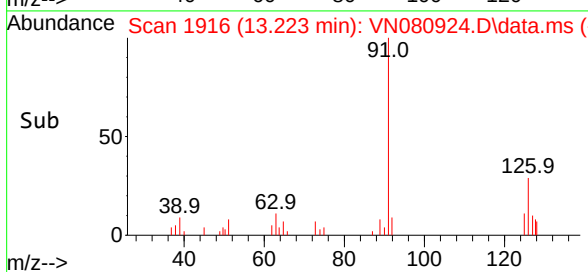
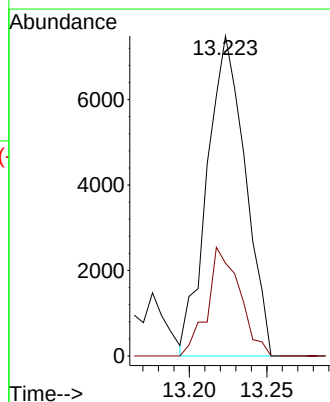
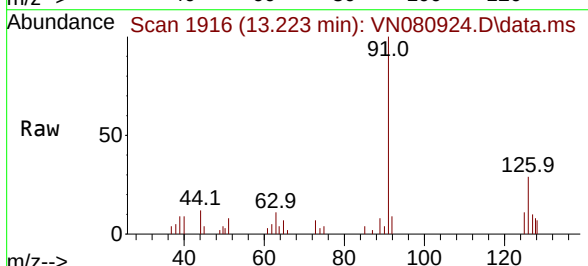
Manual Integrations
APPROVED

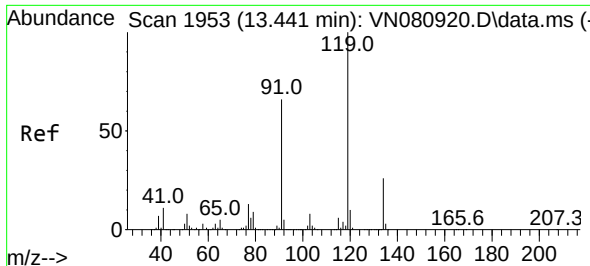
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#82
4-Chlorotoluene
Concen: 0.992 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

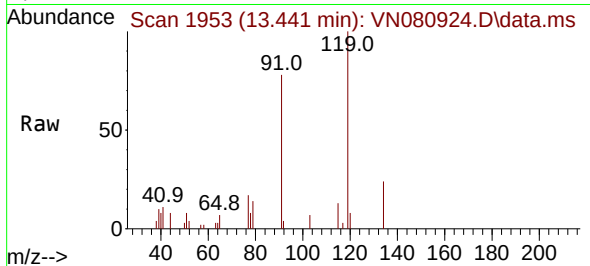
Tgt Ion: 91 Resp: 12802
Ion Ratio Lower Upper
91 100
126 28.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 0.931 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

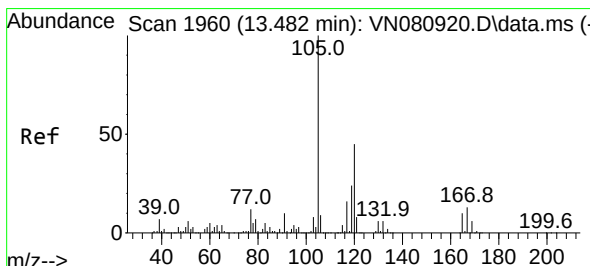
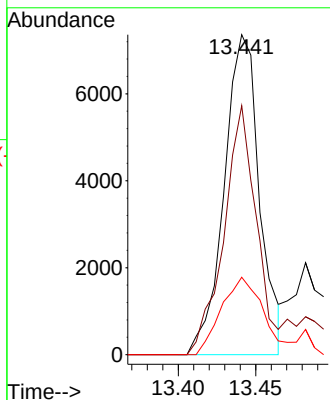
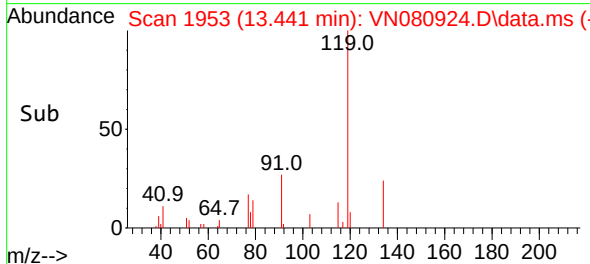
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



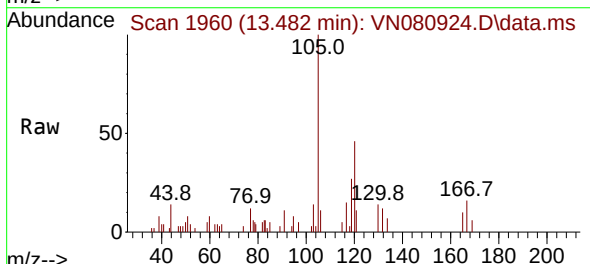
Tgt Ion:119 Resp: 11688
Ion Ratio Lower Upper
119 100
91 71.5 36.8 110.4
134 28.6 12.4 37.4

Manual Integrations
APPROVED

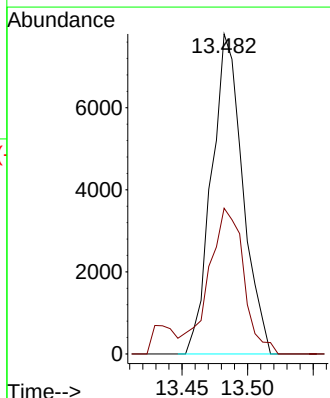
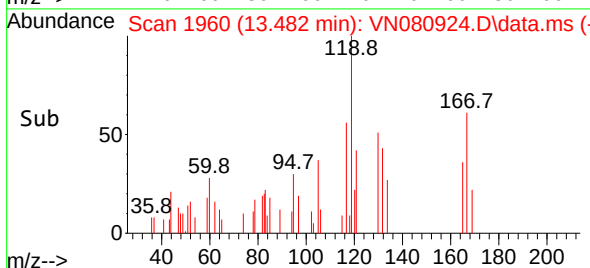
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

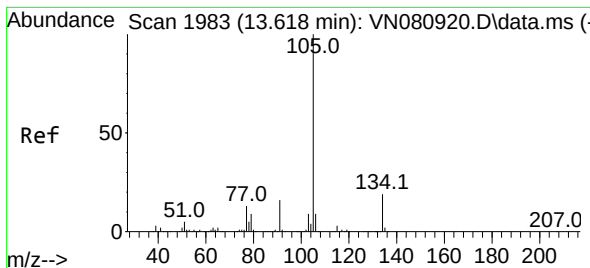


#84
1,2,4-Trimethylbenzene
Concen: 0.876 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09



Tgt Ion:105 Resp: 12847
Ion Ratio Lower Upper
105 100
120 51.5 20.9 62.7





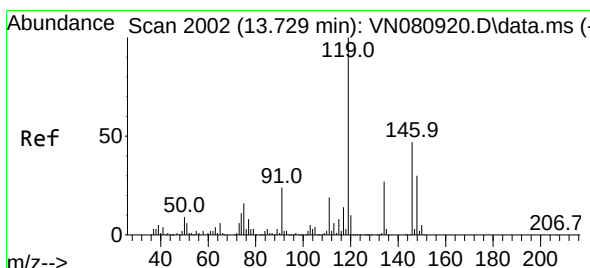
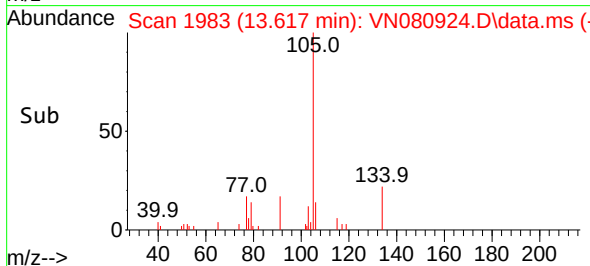
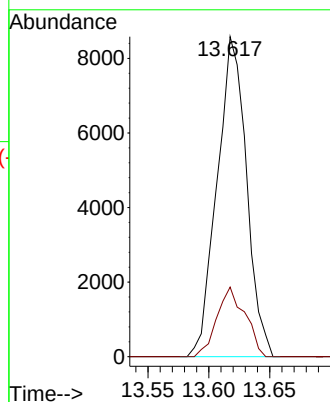
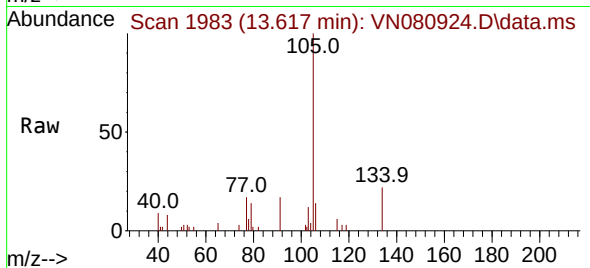
#85
 sec-Butylbenzene
 Concen: 0.854 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 1441
 Ion Ratio Lower Upper
 105 100
 134 20.9 8.6 25.8

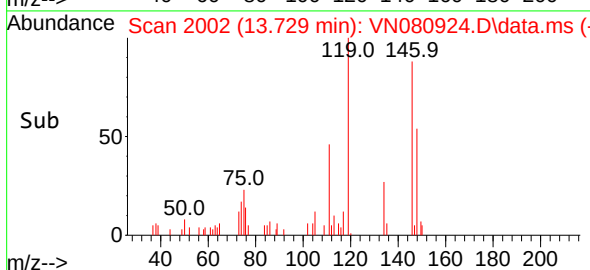
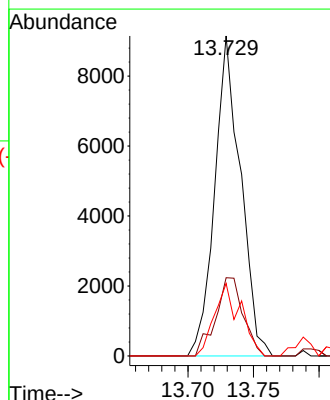
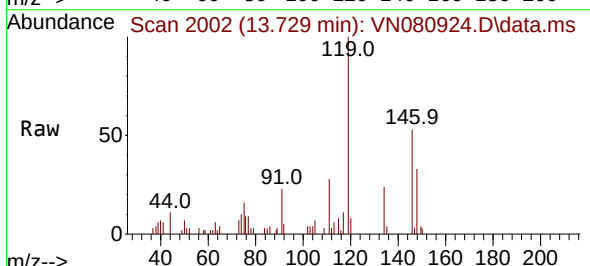
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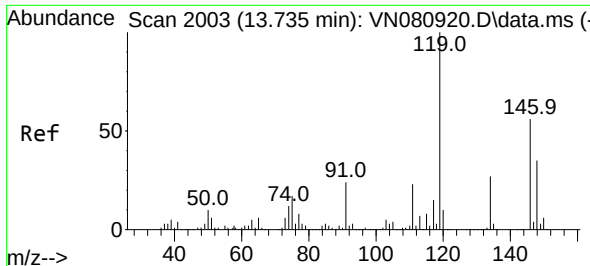
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#86
 p-Isopropyltoluene
 Concen: 0.878 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080924.D
 Acq: 06 Feb 2024 18:09

Tgt Ion:119 Resp: 12515
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 23.2 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 0.994 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 8092

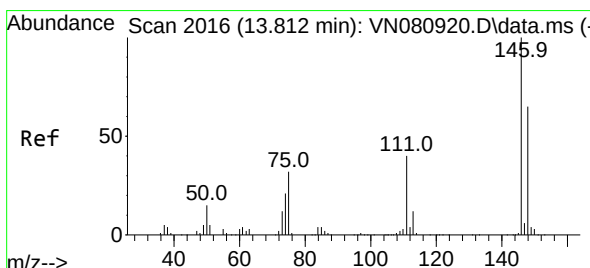
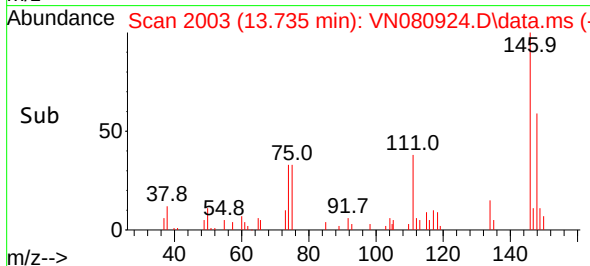
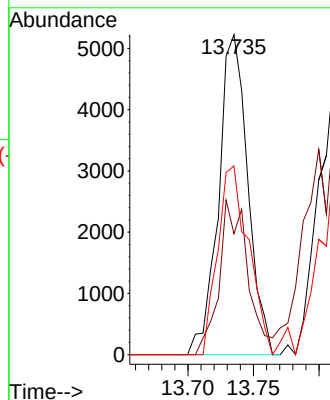
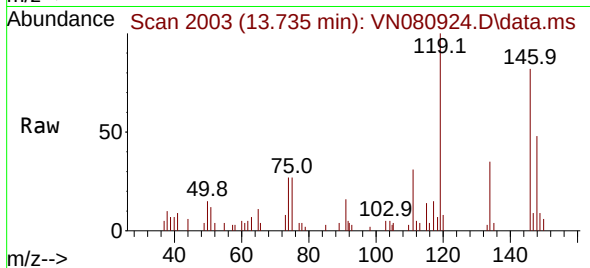
Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.9	71.7
148	62.1	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#88

1,4-Dichlorobenzene

Concen: 1.043 ug/l m

RT: 13.817 min Scan# 2017

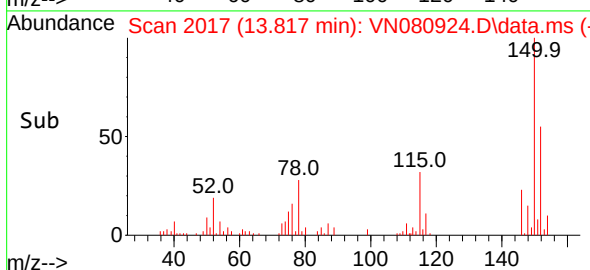
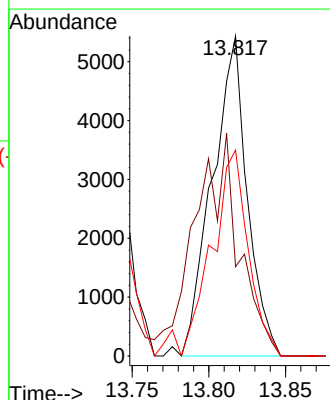
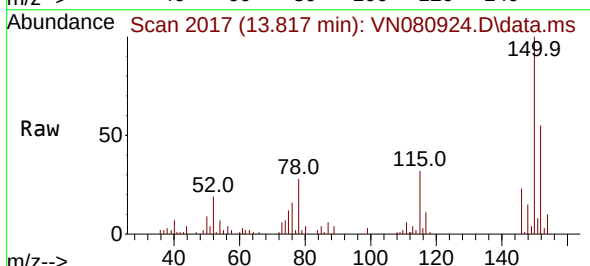
Delta R.T. 0.006 min

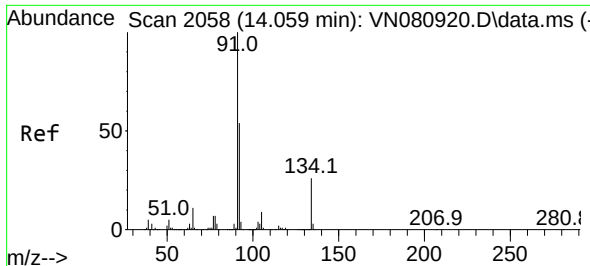
Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Tgt Ion:146 Resp: 8621

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.6	67.7
148	58.3	31.9	95.5





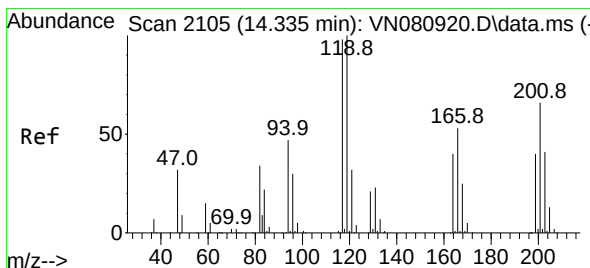
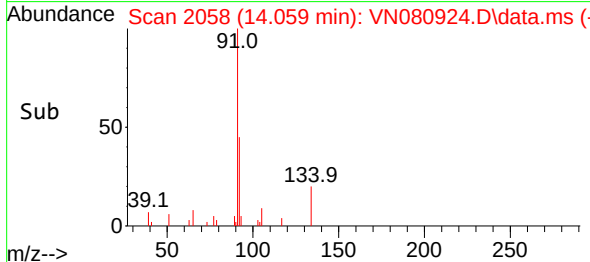
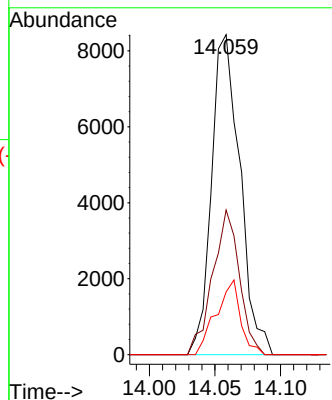
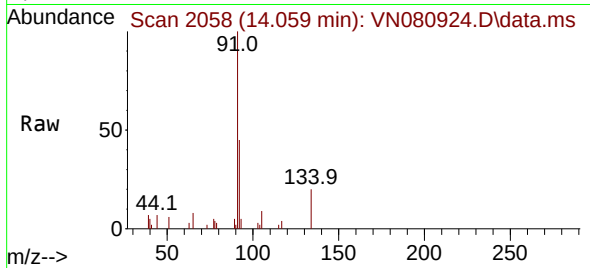
#89
n-Butylbenzene
Concen: 1.009 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 12700
Ion Ratio Lower Upper
91 100
92 42.5 26.7 80.1
134 20.1 10.8 32.4

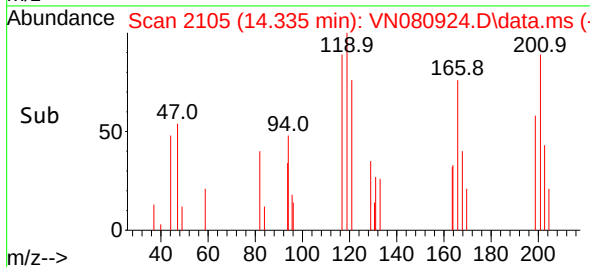
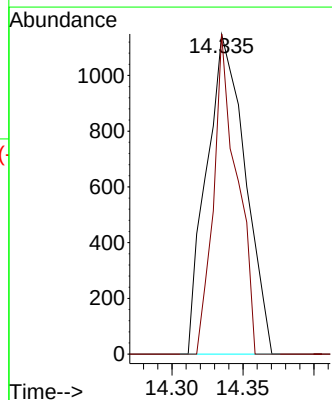
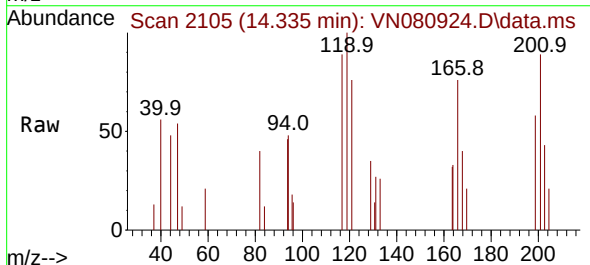
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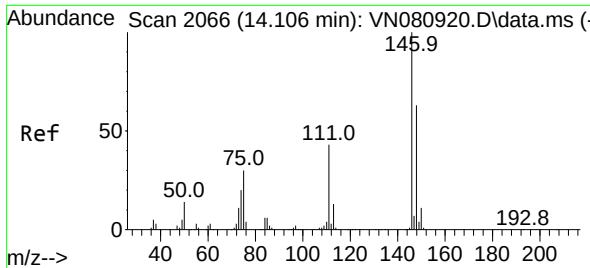
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#90
Hexachloroethane
Concen: 0.964 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion:117 Resp: 2168
Ion Ratio Lower Upper
117 100
201 60.9 30.0 90.0





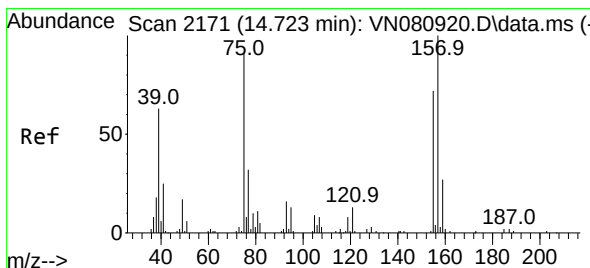
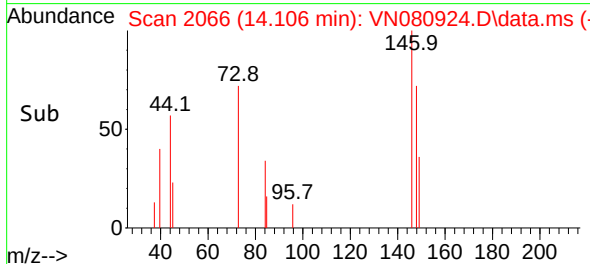
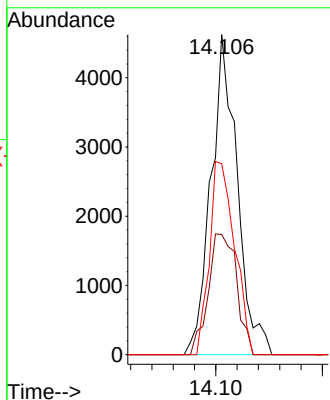
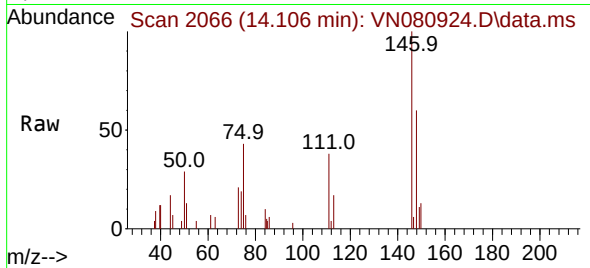
#91
1,2-Dichlorobenzene
Concen: 1.012 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 7898
Ion Ratio Lower Upper
146 100
111 40.8 23.9 71.8
148 57.7 31.4 94.0

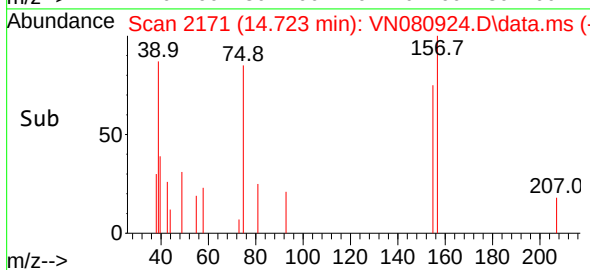
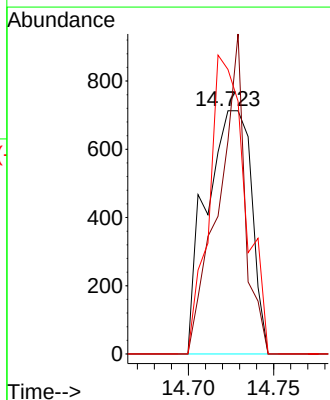
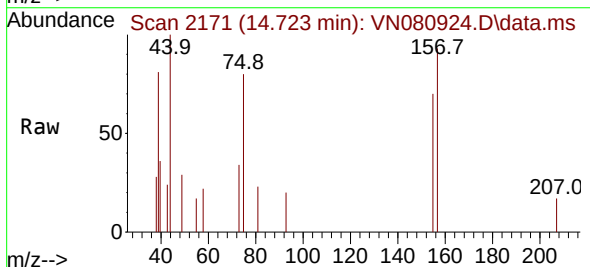
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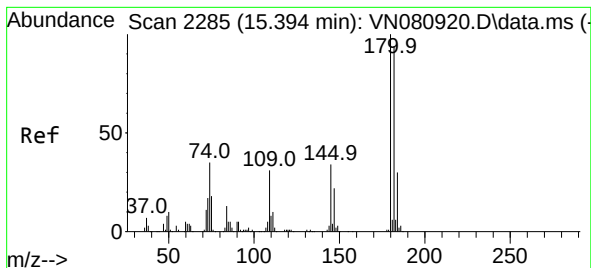
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.247 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
155 76.3 31.8 95.4
157 98.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 1.093 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:180 Resp: 4218

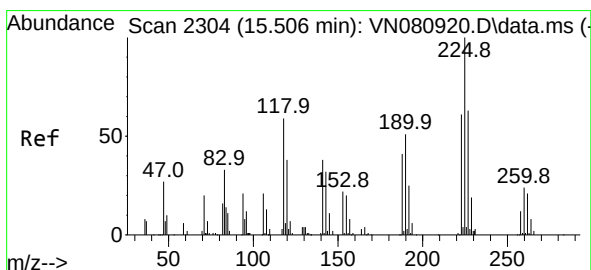
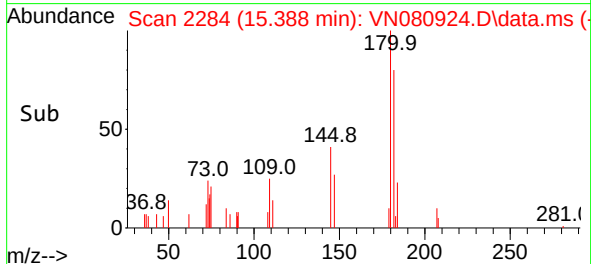
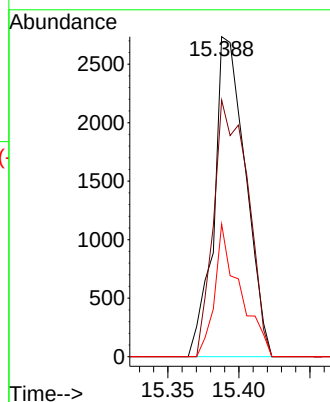
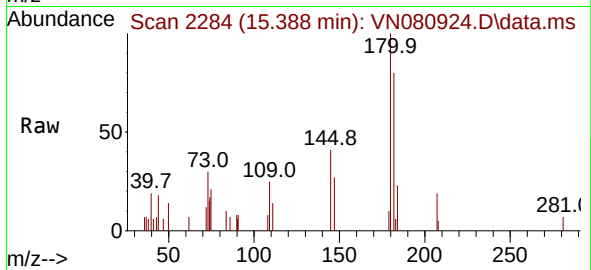
Ion	Ratio	Lower	Upper
180	100		
182	87.0	46.6	139.7
145	33.0	16.8	50.3

Manual Integrations

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Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#94

Hexachlorobutadiene

Concen: 1.114 ug/l

RT: 15.506 min Scan# 2304

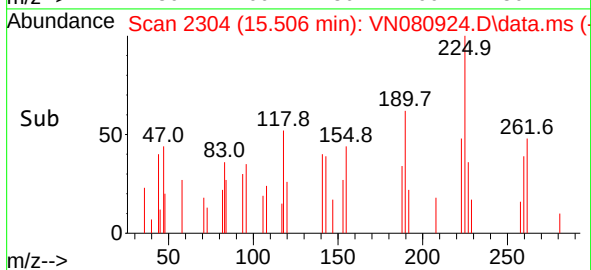
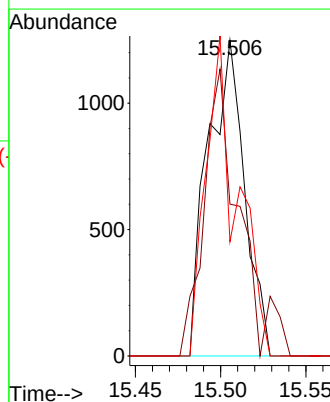
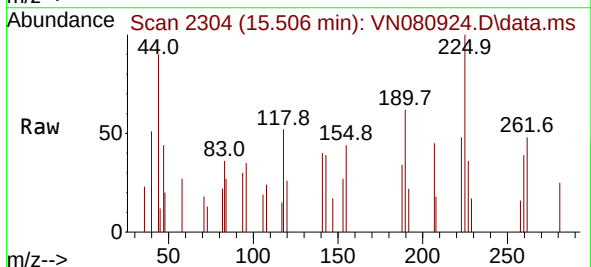
Delta R.T. -0.000 min

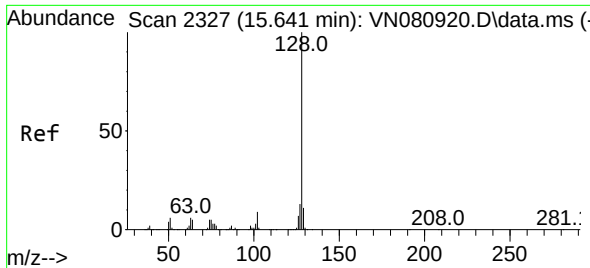
Lab File: VN080924.D

Acq: 06 Feb 2024 18:09

Tgt Ion:225 Resp: 1864

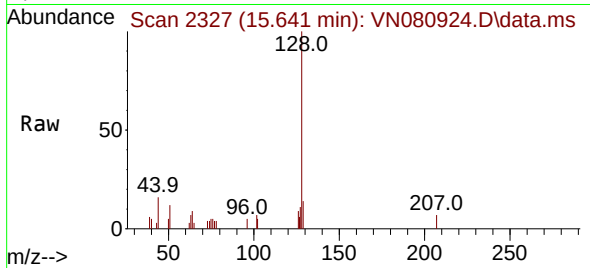
Ion	Ratio	Lower	Upper
225	100		
223	88.3	33.3	99.8
227	86.7	33.1	99.2





#95
Naphthalene
Concen: 0.981 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09

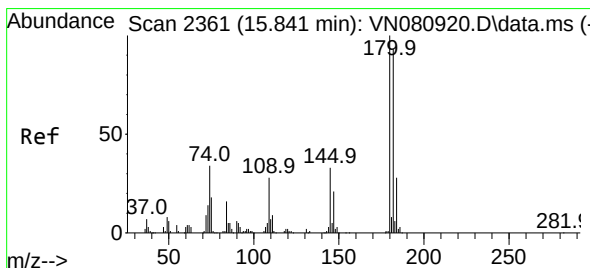
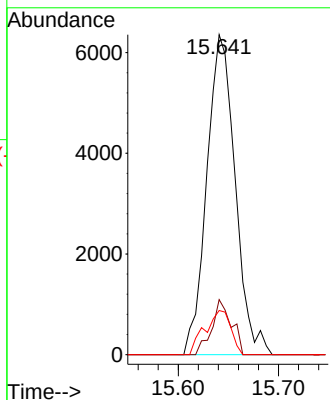
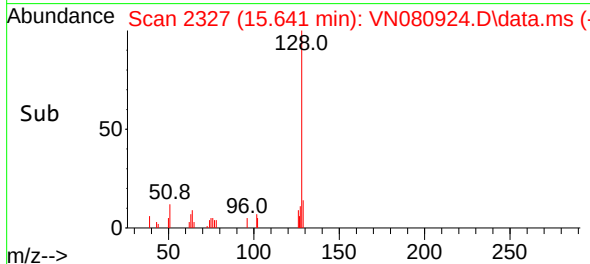
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



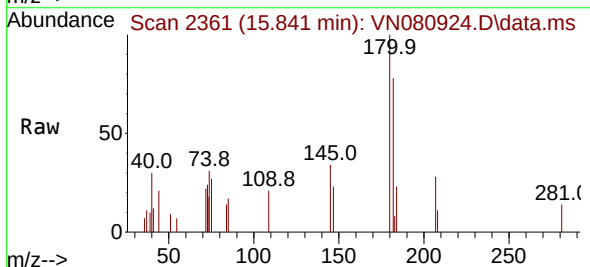
Tgt Ion:128 Resp: 12500
Ion Ratio Lower Upper
128 100
127 12.0 10.0 15.0
129 12.6 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 1.110 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080924.D
Acq: 06 Feb 2024 18:09



Tgt Ion:180 Resp: 4216
Ion Ratio Lower Upper
180 100
182 81.6 46.5 139.3
145 42.2 17.8 53.4

