

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080661.D
 Acq On : 10 Jan 2024 14:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 06:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	19024	6.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.080%#		
35) Dibromofluoromethane	8.165	113	10852	5.443	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.880%#		
50) Toluene-d8	10.571	98	43726	5.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.500%#		
62) 4-Bromofluorobenzene	12.853	95	17036	5.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	12987	4.459	ug/l	96
3) Chloromethane	2.359	50	18710	5.205	ug/l	89
4) Vinyl Chloride	2.512	62	12784	4.838	ug/l	90
5) Bromomethane	2.948	94	5696	5.672	ug/l	99
6) Chloroethane	3.112	64	8196	5.488	ug/l #	82
7) Trichlorofluoromethane	3.489	101	22735	5.210	ug/l	96
8) Diethyl Ether	3.953	74	9860	5.170	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.371	101	11994	5.043	ug/l	96
10) Methyl Iodide	4.589	142	9541	4.798	ug/l #	94
11) Tert butyl alcohol	5.512	59	14613	27.448	ug/l	98
12) 1,1-Dichloroethene	4.336	96	13829	5.167	ug/l #	92
13) Acrolein	4.171	56	14698m	32.798	ug/l	
14) Allyl chloride	5.012	41	25940	4.889	ug/l #	89
15) Acrylonitrile	5.712	53	35583	25.595	ug/l	97
16) Acetone	4.424	43	28530	27.605	ug/l	90
17) Carbon Disulfide	4.712	76	41652	5.088	ug/l	97
18) Methyl Acetate	5.024	43	20235	6.575	ug/l #	68
19) Methyl tert-butyl Ether	5.800	73	48382	5.246	ug/l #	83
20) Methylene Chloride	5.277	84	15055	4.990	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	13469	4.962	ug/l #	83
22) Diisopropyl ether	6.665	45	55065	5.504	ug/l #	89
23) Vinyl Acetate	6.600	43	217619m	26.879	ug/l	
24) 1,1-Dichloroethane	6.571	63	27299	4.985	ug/l	96
25) 2-Butanone	7.489	43	49804	26.659	ug/l #	73
26) 2,2-Dichloropropane	7.483	77	24917	5.202	ug/l	81
27) cis-1,2-Dichloroethene	7.489	96	15948	5.329	ug/l	76
28) Bromochloromethane	7.812	49	13719	5.358	ug/l #	59
29) Tetrahydrofuran	7.841	42	29762	23.636	ug/l #	76
30) Chloroform	7.965	83	26304	5.123	ug/l	94
31) Cyclohexane	8.259	56	29676	6.102	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	22010	5.258	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	20434	5.003	ug/l	91
37) Ethyl Acetate	7.559	43	19603	4.950	ug/l #	87
38) Carbon Tetrachloride	8.365	117	19208	5.238	ug/l	89
39) Methylcyclohexane	9.606	83	19750	5.053	ug/l #	80
40) Benzene	8.606	78	60752	5.292	ug/l	95

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
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 VSTDICC005

Quant Time: Jan 11 06:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11890	5.232	ug/l	87
42) 1,2-Dichloroethane	8.671	62	22718	5.169	ug/l	96
43) Isopropyl Acetate	8.688	43	37797	5.192	ug/l #	90
44) Trichloroethene	9.353	130	14113	5.430	ug/l	92
45) 1,2-Dichloropropane	9.624	63	16015	5.261	ug/l	96
46) Dibromomethane	9.706	93	9933	5.158	ug/l	91
47) Bromodichloromethane	9.894	83	20948	4.901	ug/l	92
48) Methyl methacrylate	9.677	41	17833	5.174	ug/l #	76
49) 1,4-Dioxane	9.700	88	4519	105.232	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	102206	26.025	ug/l #	86
52) Toluene	10.630	92	33557	5.101	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	25331	5.339	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	24305	4.831	ug/l #	81
55) 1,1,2-Trichloroethane	11.012	97	13260	5.237	ug/l #	88
56) Ethyl methacrylate	10.877	69	23223	5.121	ug/l #	70
57) 1,3-Dichloropropane	11.171	76	24402	5.279	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	58887	27.111	ug/l #	87
59) 2-Hexanone	11.194	43	74158	25.580	ug/l	86
60) Dibromochloromethane	11.365	129	12715	4.886	ug/l	96
61) 1,2-Dibromoethane	11.471	107	12606	5.065	ug/l	97
64) Tetrachloroethene	11.106	164	10070	4.904	ug/l	96
65) Chlorobenzene	11.894	112	32804	5.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	12300	5.303	ug/l	97
67) Ethyl Benzene	11.965	91	65906	5.283	ug/l	89
68) m/p-Xylenes	12.071	106	44282	10.097	ug/l	86
69) o-Xylene	12.394	106	21219	4.948	ug/l	75
70) Styrene	12.412	104	36657	5.034	ug/l #	93
71) Bromoform	12.576	173	7888	4.943	ug/l #	99
73) Isopropylbenzene	12.700	105	54250	5.267	ug/l	98
74) N-amyl acetate	12.494	43	34000	5.501	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.941	83	18115	5.362	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	18460m	5.425	ug/l	
77) Bromobenzene	12.976	156	11181	5.111	ug/l	59
78) n-propylbenzene	13.035	91	65855	5.212	ug/l	92
79) 2-Chlorotoluene	13.129	91	42209	5.213	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	45192	5.265	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	8163	5.759	ug/l #	89
82) 4-Chlorotoluene	13.223	91	39715	5.003	ug/l	92
83) tert-Butylbenzene	13.441	119	37050	5.400	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	45042	5.337	ug/l	97
85) sec-Butylbenzene	13.618	105	49651	5.093	ug/l	98
86) p-Isopropyltoluene	13.729	119	39105	5.079	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	20702	5.298	ug/l	93
88) 1,4-Dichlorobenzene	13.818	146	19245	4.835	ug/l	85
89) n-Butylbenzene	14.059	91	38580	5.198	ug/l	95
90) Hexachloroethane	14.341	117	7320	5.126	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	18212	4.947	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	3895	4.699	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	10160	5.299	ug/l	98
94) Hexachlorobutadiene	15.506	225	4146	4.505	ug/l	91
95) Naphthalene	15.641	128	37595	4.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	8723	4.700	ug/l	86

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

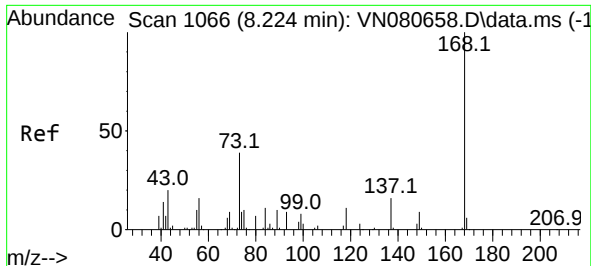
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 06:20:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:15:05 2024
Response via : Initial Calibration

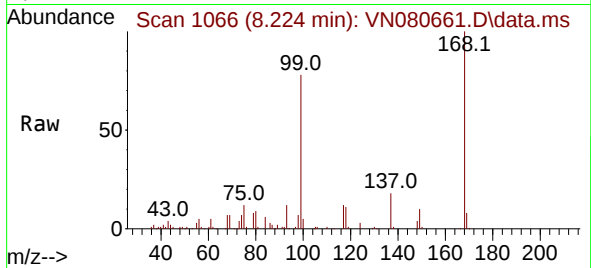
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

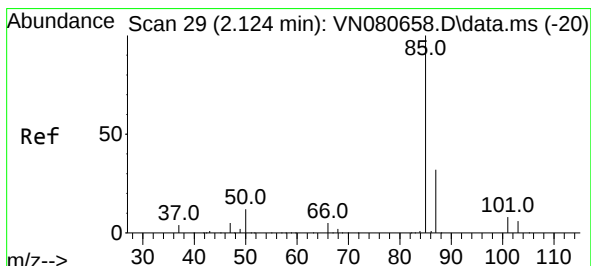
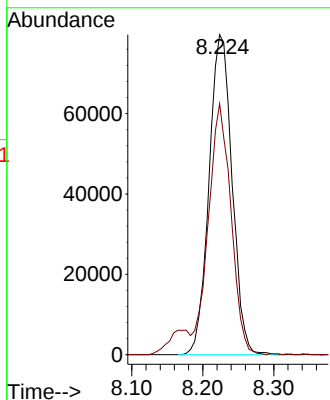
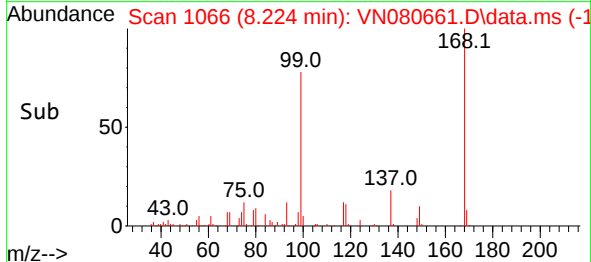
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 17926
Ion Ratio Lower Upper
168 100
99 78.1 53.0 79.6

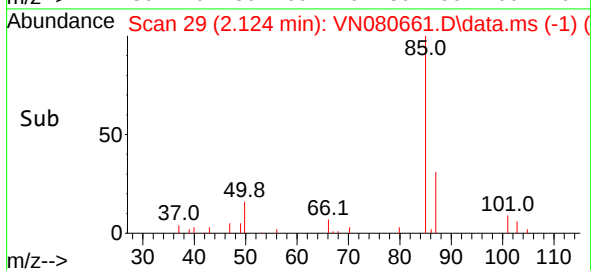
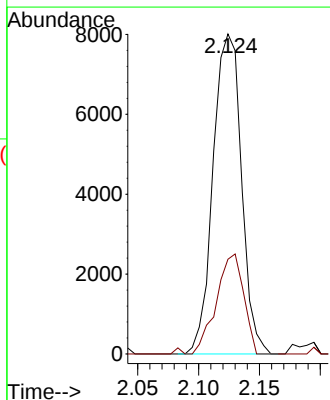
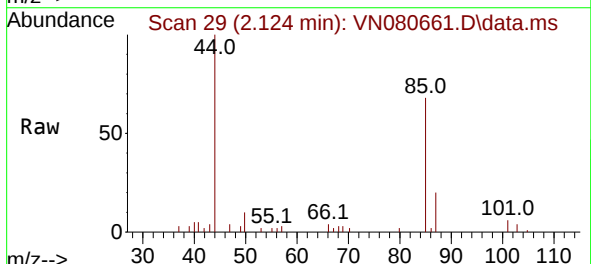
Manual Integrations
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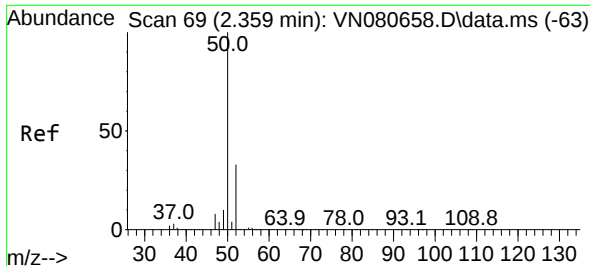
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 4.459 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

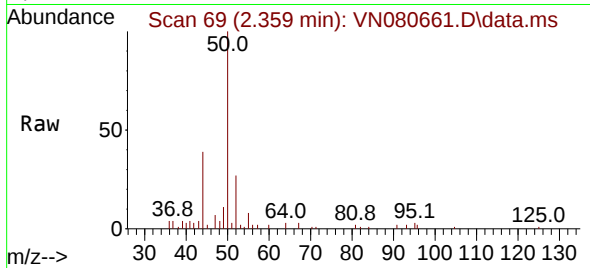
Tgt Ion: 85 Resp: 12987
Ion Ratio Lower Upper
85 100
87 29.6 15.8 47.4





#3
Chloromethane
Concen: 5.205 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

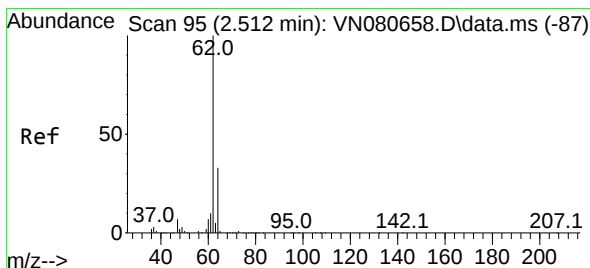
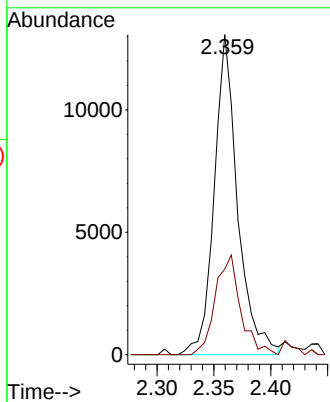
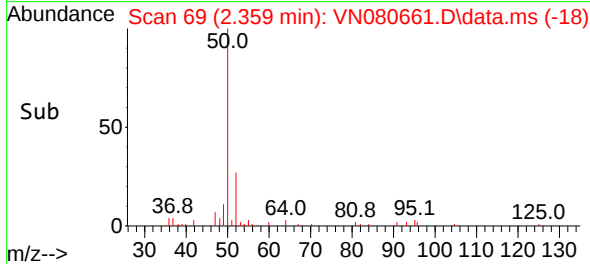
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



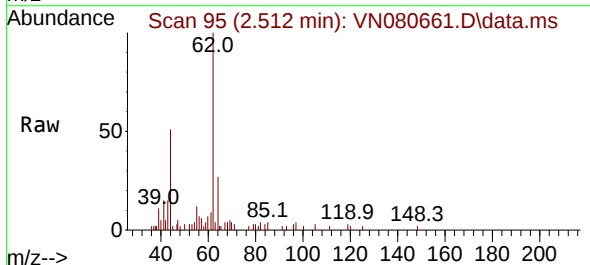
Tgt Ion: 50 Resp: 18710
Ion Ratio Lower Upper
50 100
52 26.8 26.5 39.7

Manual Integrations
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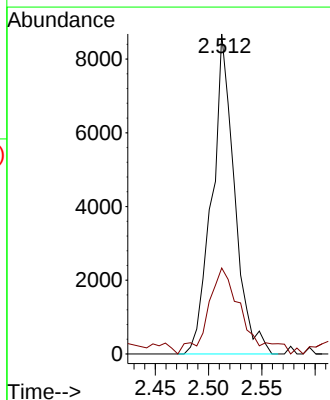
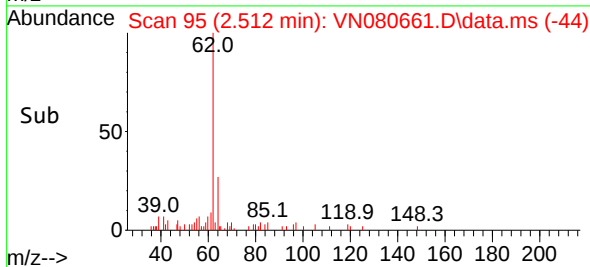
Reviewed By :John Carlone 01/11/2024
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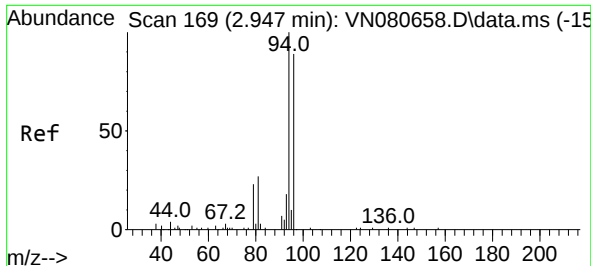


#4
Vinyl Chloride
Concen: 4.838 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



Tgt Ion: 62 Resp: 12784
Ion Ratio Lower Upper
62 100
64 26.9 26.2 39.2





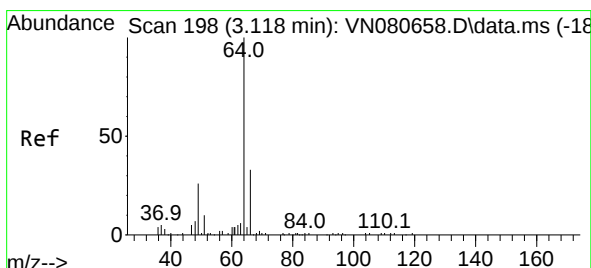
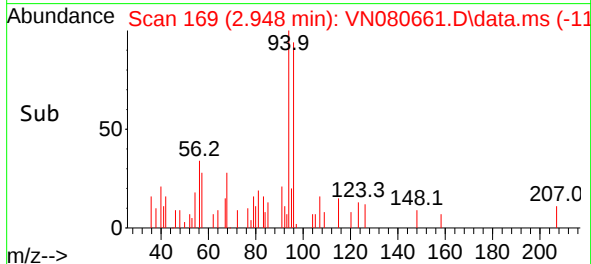
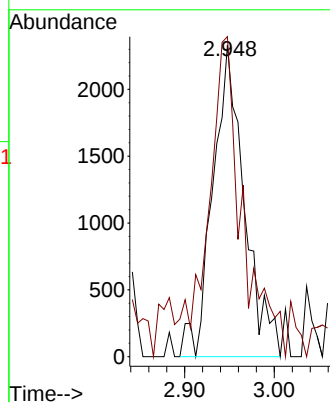
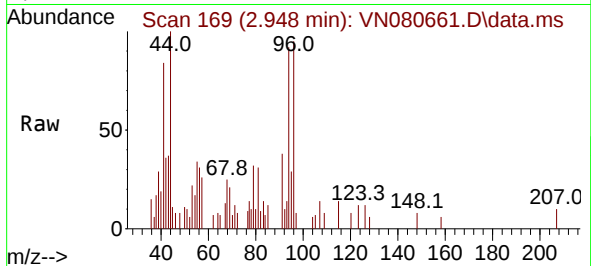
#5
Bromomethane
Concen: 5.672 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 5690
Ion Ratio Lower Upper
94 100
96 90.7 73.1 109.7

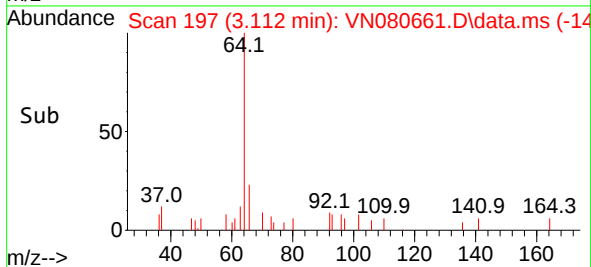
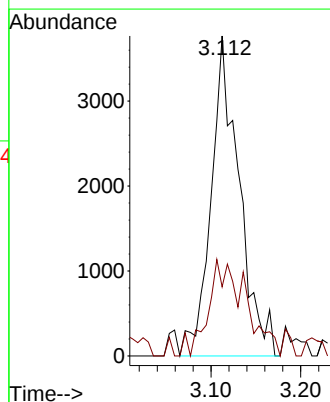
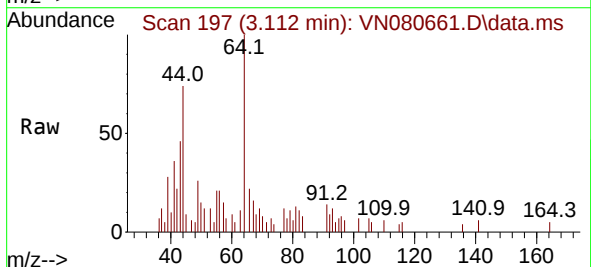
Manual Integrations
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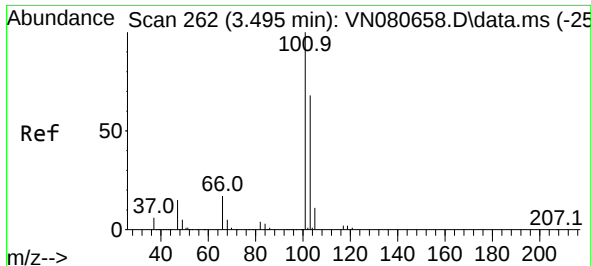
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#6
Chloroethane
Concen: 5.488 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 64 Resp: 8196
Ion Ratio Lower Upper
64 100
66 21.6 25.4 38.2#





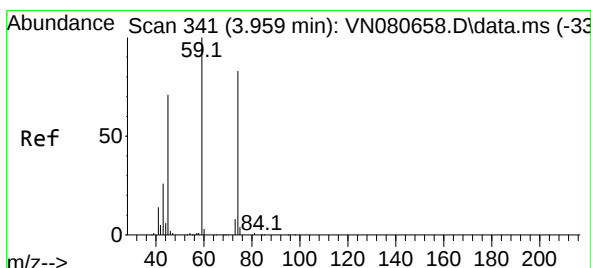
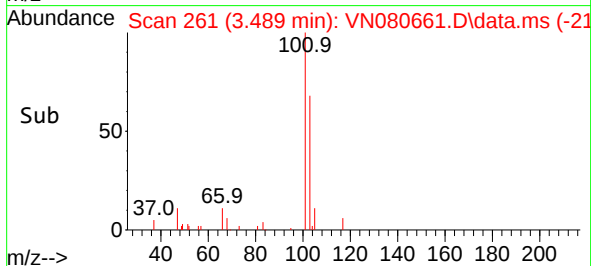
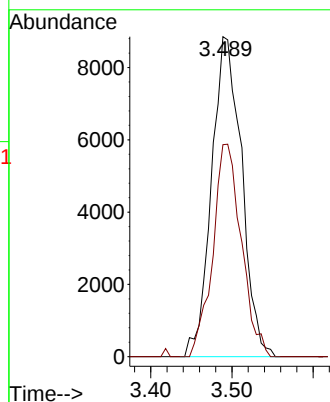
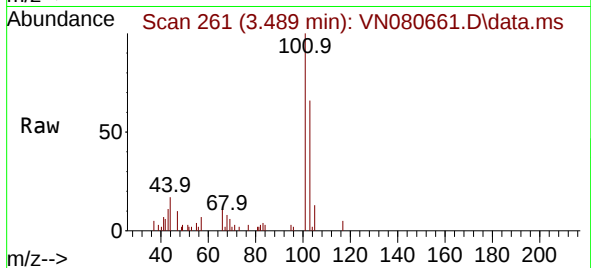
#7
 Trichlorofluoromethane
 Concen: 5.210 ug/l
 RT: 3.489 min Scan# 207
 Delta R.T. -0.006 min
 Lab File: VN080661.D
 Acq: 10 Jan 2024 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion:101 Resp: 2273
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.7 76.1

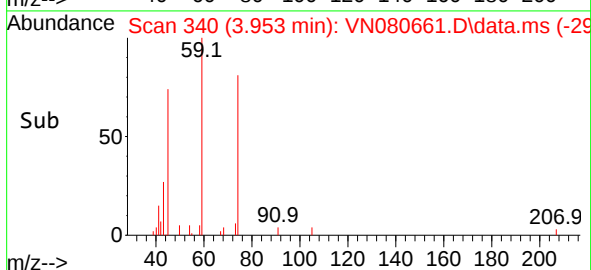
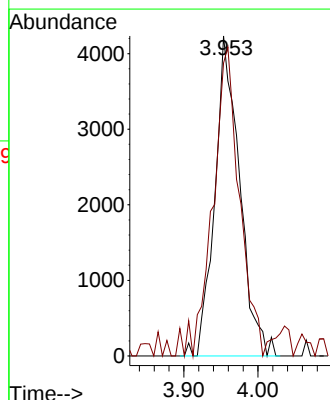
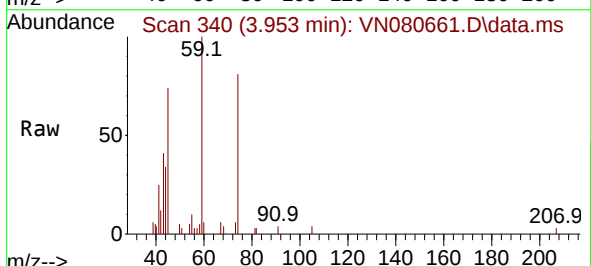
Manual Integrations
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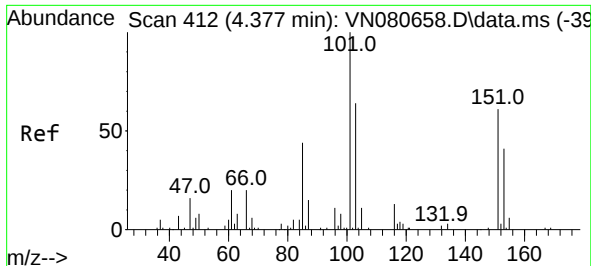
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#8
 Diethyl Ether
 Concen: 5.170 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080661.D
 Acq: 10 Jan 2024 14:21

Tgt Ion: 74 Resp: 9860
 Ion Ratio Lower Upper
 74 100
 45 103.1 34.4 103.3





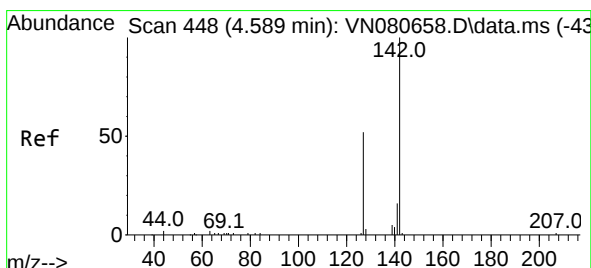
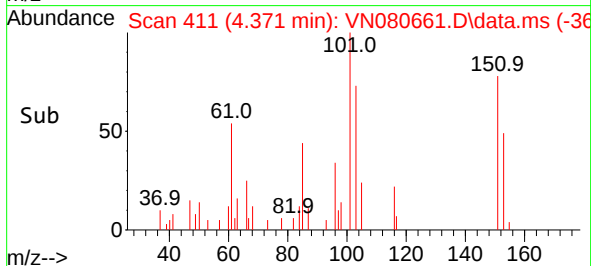
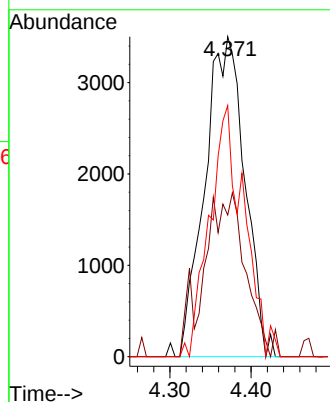
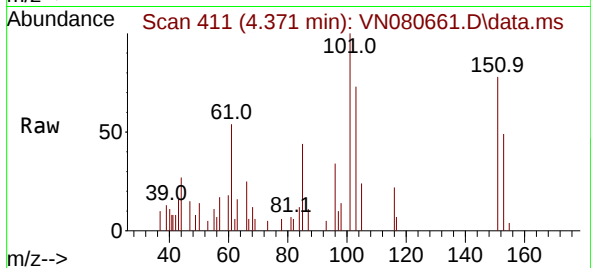
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.043 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 11994
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 67.6 57.6 86.4

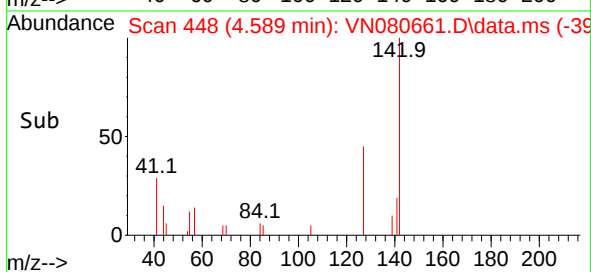
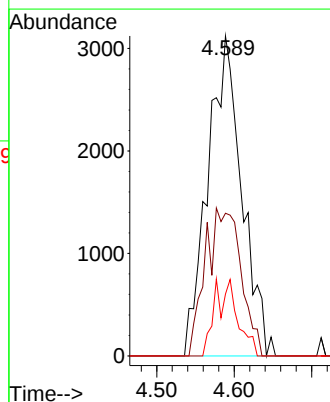
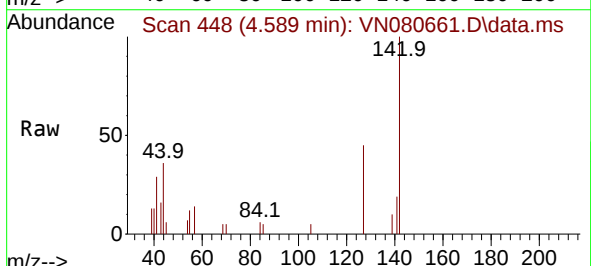
Manual Integrations
APPROVED

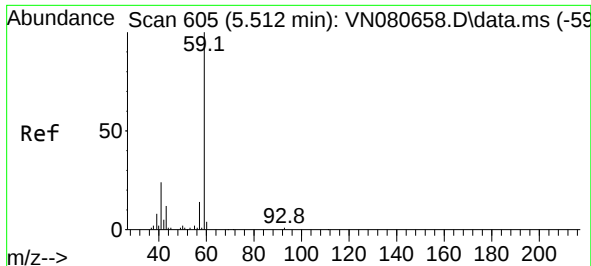
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 4.798 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:142 Resp: 9541
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 19.3 11.4 17.0#





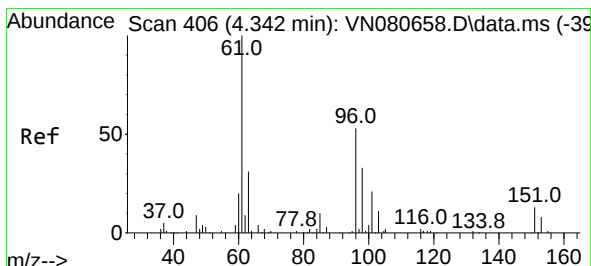
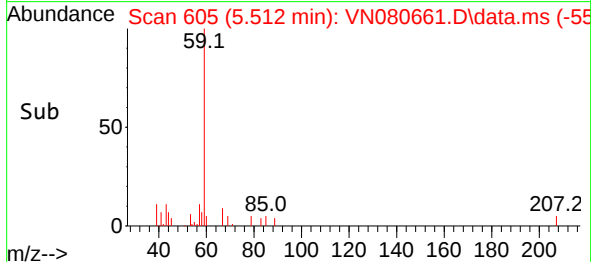
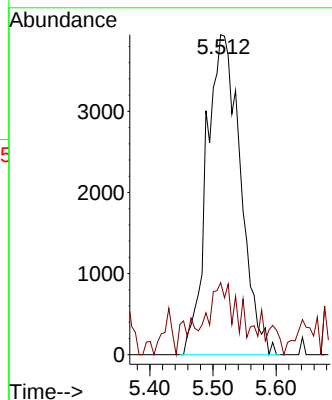
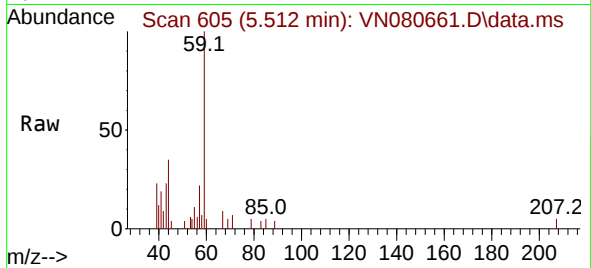
#11
Tert butyl alcohol
Concen: 27.448 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 1461
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

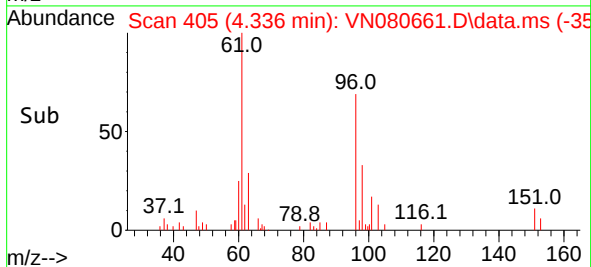
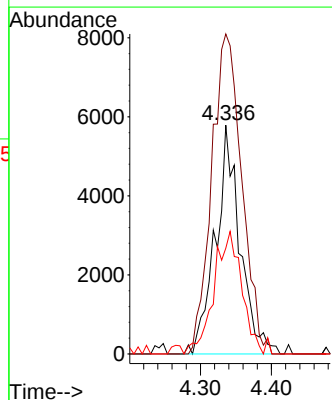
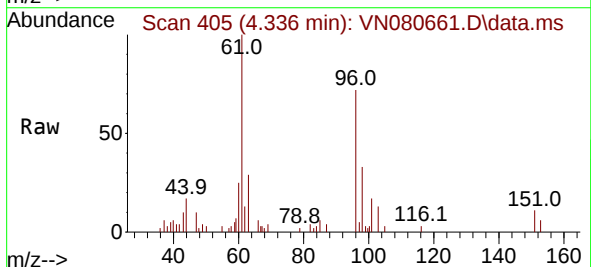
Manual Integrations
APPROVED

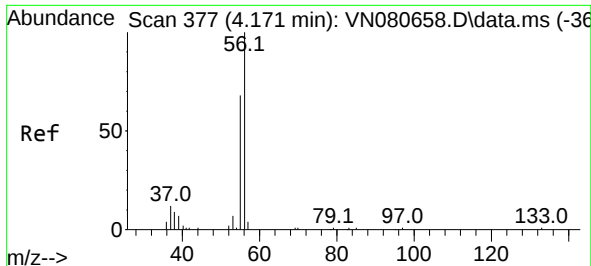
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#12
1,1-Dichloroethene
Concen: 5.167 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

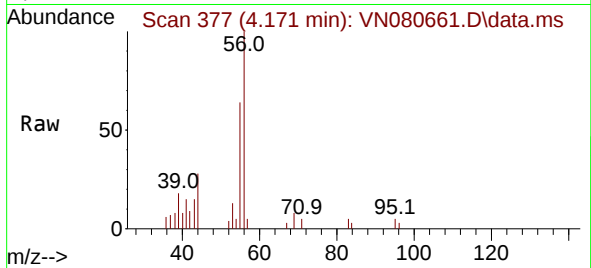
Tgt Ion: 96 Resp: 13829
Ion Ratio Lower Upper
96 100
61 139.9 112.7 169.1
98 46.2 51.2 76.8#





#13
Acrolein
Concen: 32.798 ug/l m
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

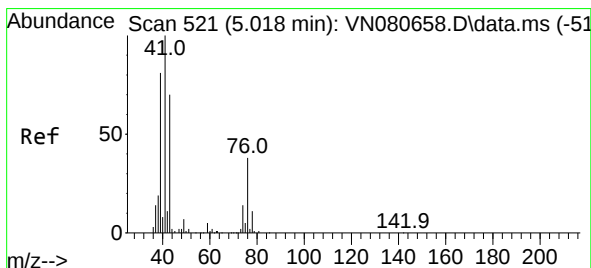
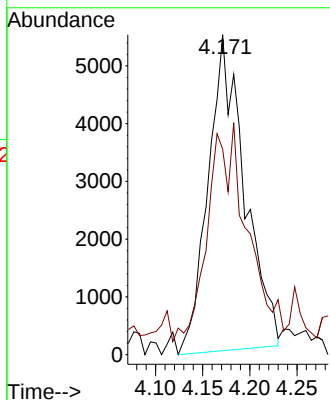
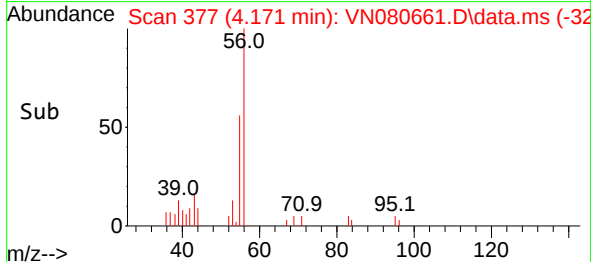
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 14698
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7

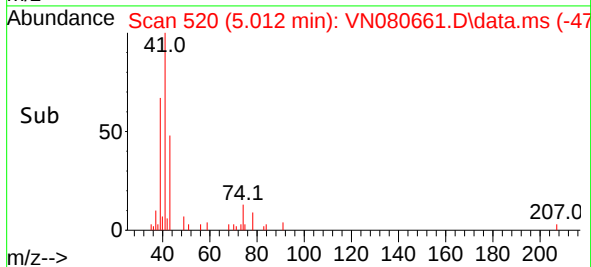
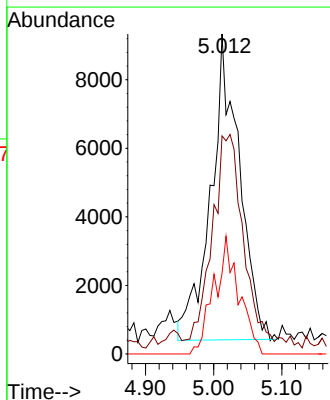
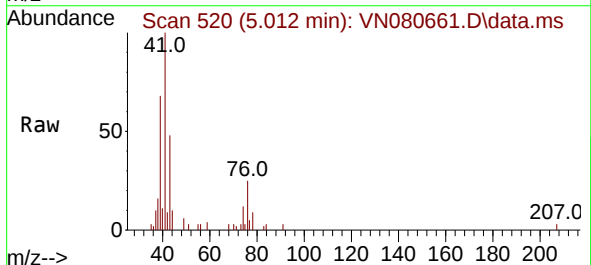
Manual Integrations
APPROVED

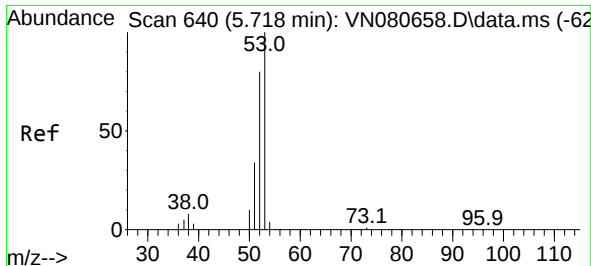
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#14
Allyl chloride
Concen: 4.889 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

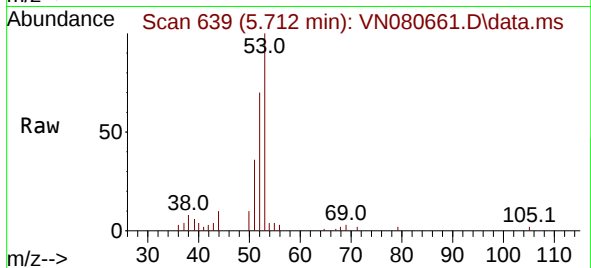
Tgt Ion: 41 Resp: 25940
Ion Ratio Lower Upper
41 100
39 70.6 58.8 88.2
76 33.7 39.1 58.7#





#15
Acrylonitrile
Concen: 25.595 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

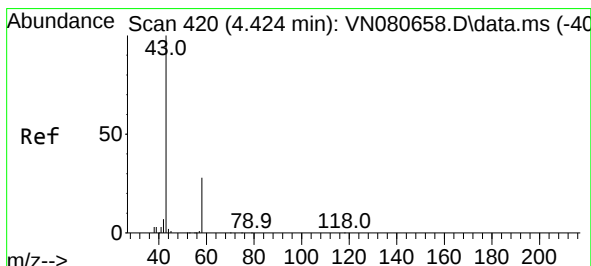
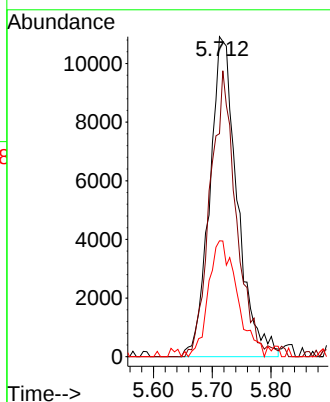
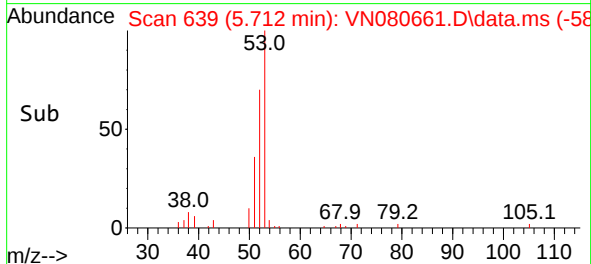
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 3558
Ion Ratio Lower Upper
53 100
52 84.4 65.3 97.9
51 37.7 28.9 43.3

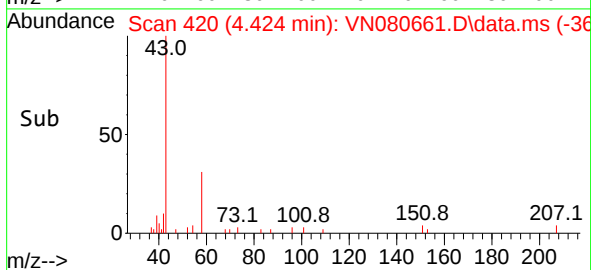
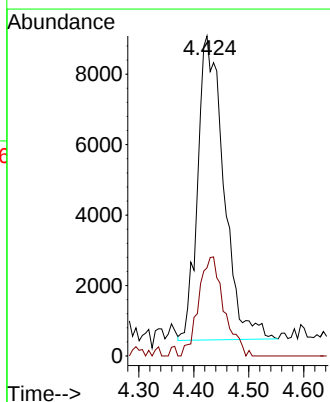
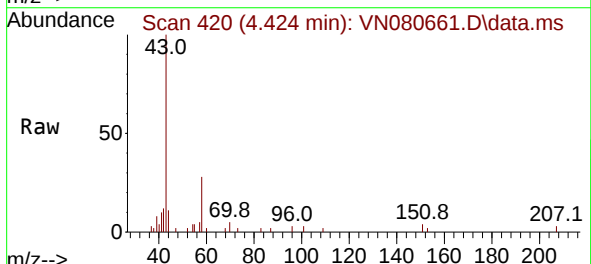
Manual Integrations
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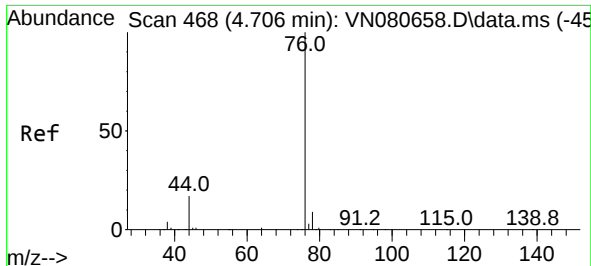
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#16
Acetone
Concen: 27.605 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 43 Resp: 28530
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





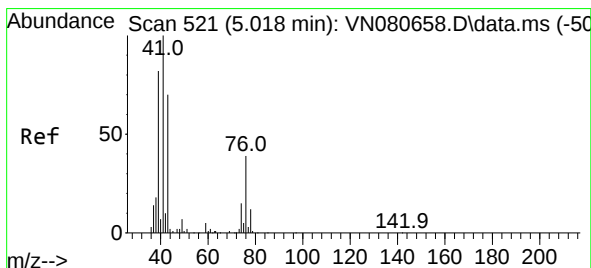
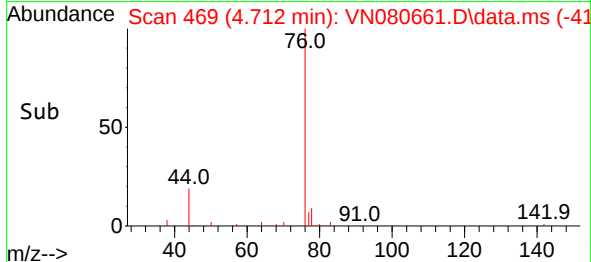
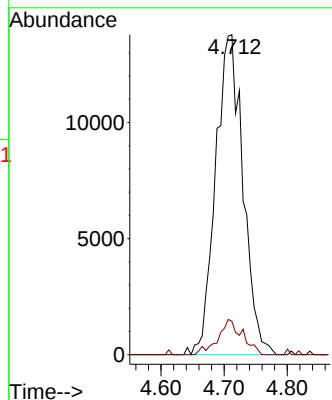
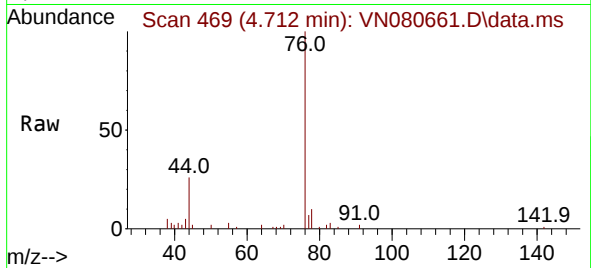
#17
Carbon Disulfide
Concen: 5.088 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 41652
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

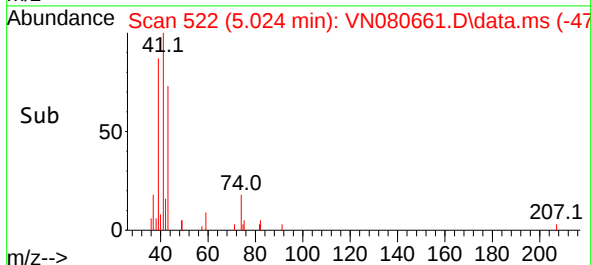
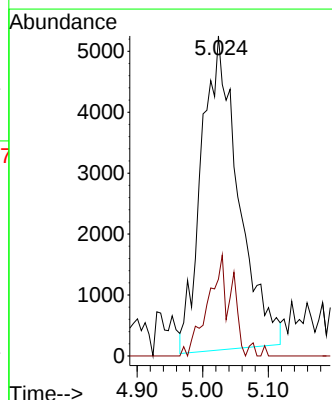
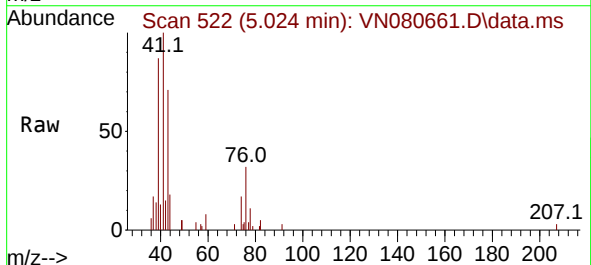
Manual Integrations
APPROVED

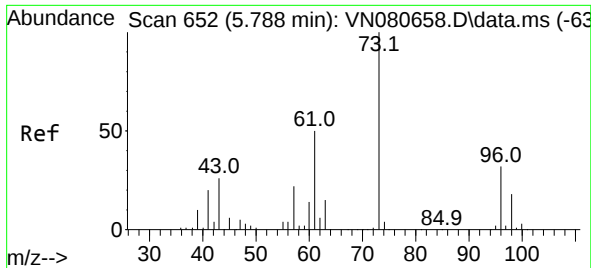
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#18
Methyl Acetate
Concen: 6.575 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 43 Resp: 20235
Ion Ratio Lower Upper
43 100
74 14.7 26.2 39.4#





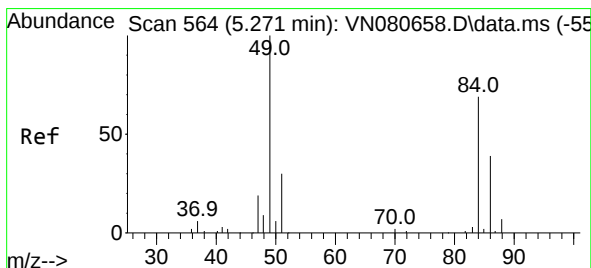
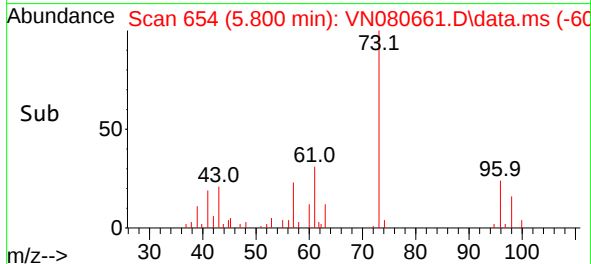
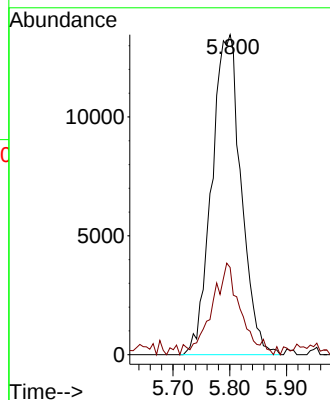
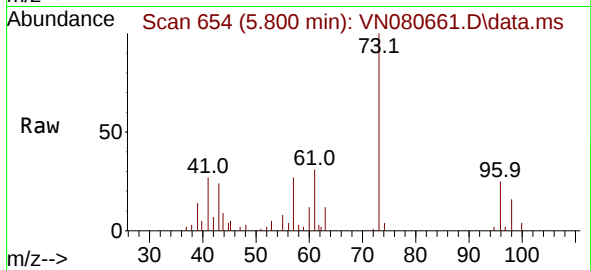
#19
Methyl tert-butyl Ether
Concen: 5.246 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 4838
Ion Ratio Lower Upper
73 100
57 27.2 15.6 23.4

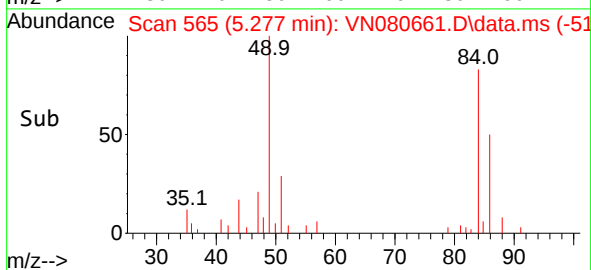
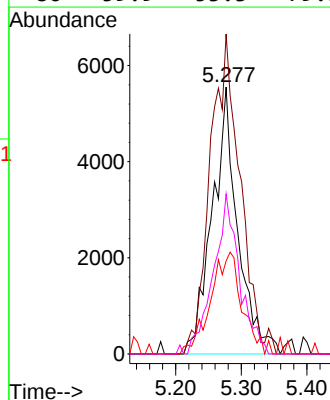
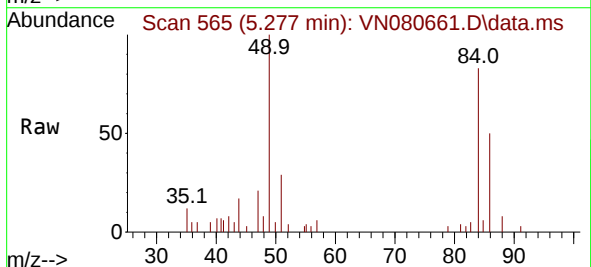
Manual Integrations
APPROVED

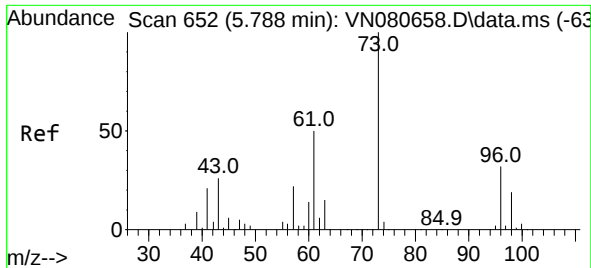
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 4.990 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

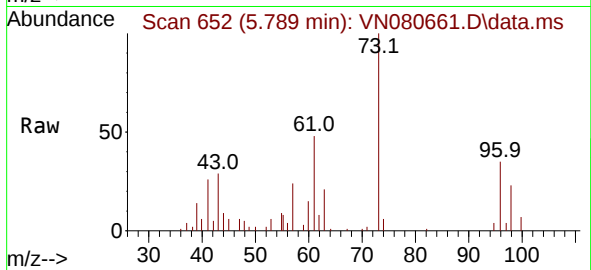
Tgt Ion: 84 Resp: 15055
Ion Ratio Lower Upper
84 100
49 119.9 79.7 119.5#
51 34.8 25.2 37.8
86 59.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 4.962 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

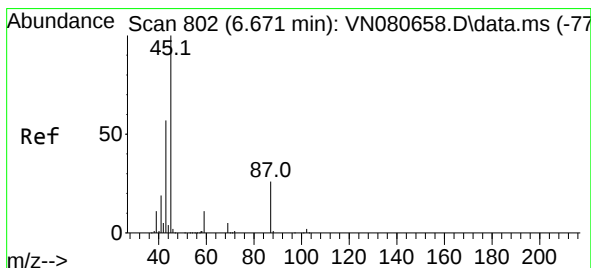
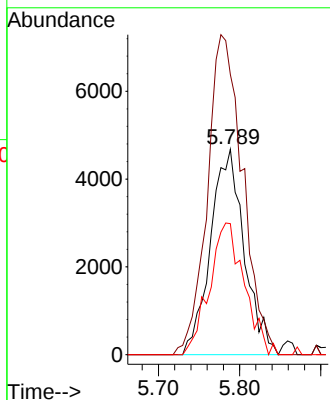
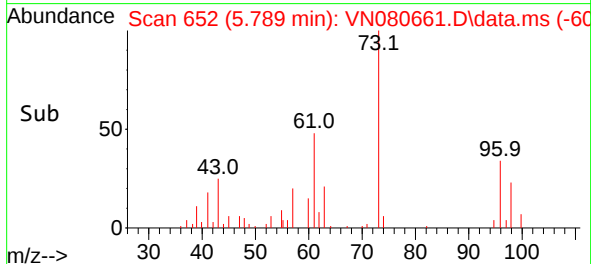
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



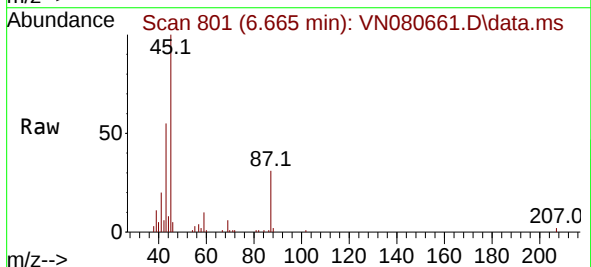
Tgt Ion: 96 Resp: 13469
Ion Ratio Lower Upper
96 100
61 136.4 90.1 135.1#
98 63.7 46.4 69.6

Manual Integrations
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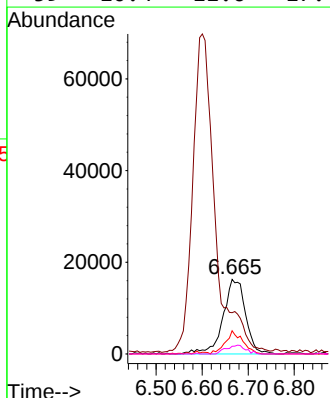
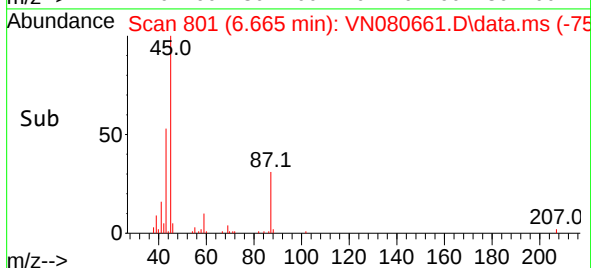
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

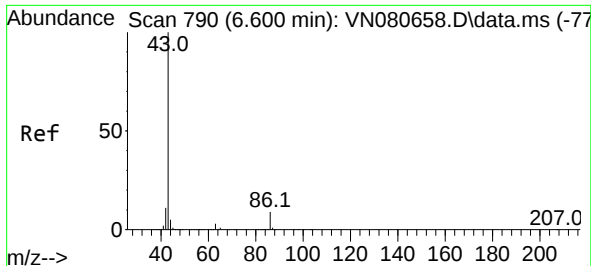


#22
Diisopropyl ether
Concen: 5.504 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



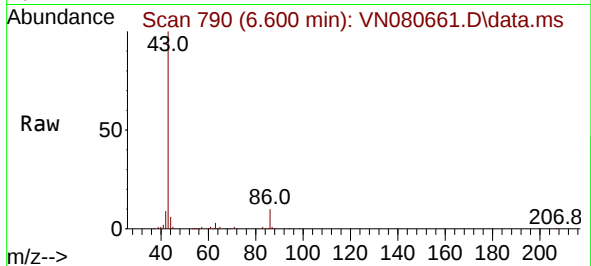
Tgt Ion: 45 Resp: 55065
Ion Ratio Lower Upper
45 100
43 49.8 45.5 68.3
87 31.0 31.8 47.8#
59 10.4 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 26.879 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080661.D
 Acq: 10 Jan 2024 14:21

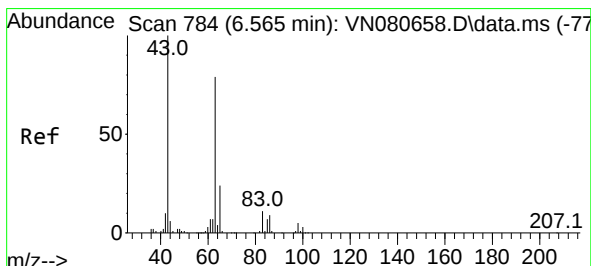
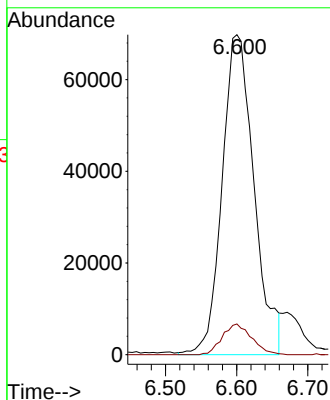
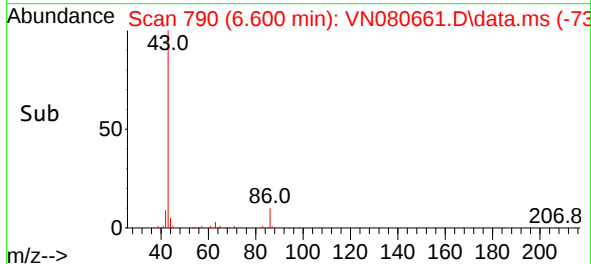
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



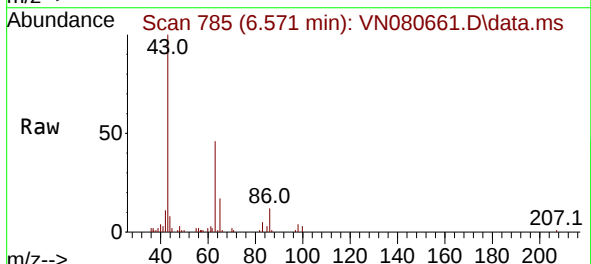
Tgt Ion: 43 Resp: 217619
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6

Manual Integrations
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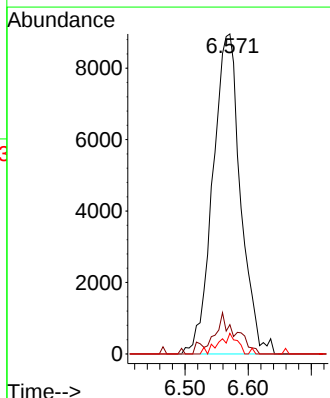
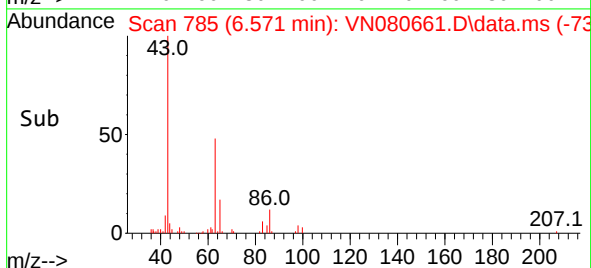
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

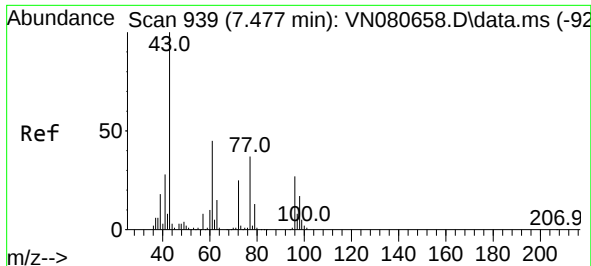


#24
 1,1-Dichloroethane
 Concen: 4.985 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080661.D
 Acq: 10 Jan 2024 14:21



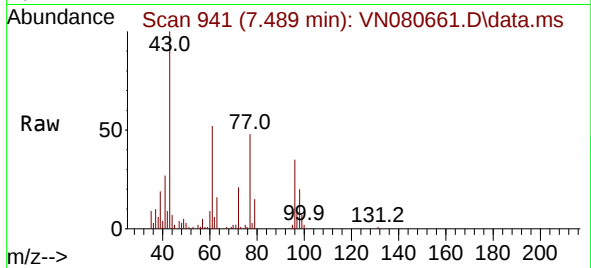
Tgt Ion: 63 Resp: 27299
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.9 11.7
 100 6.5 2.5 7.4





#25
2-Butanone
Concen: 26.659 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

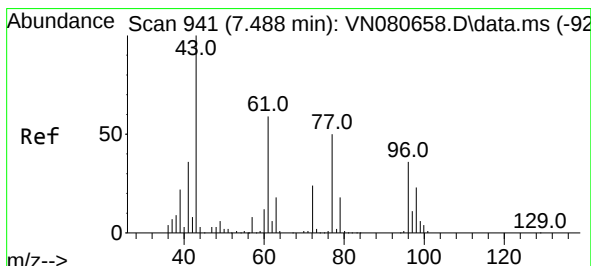
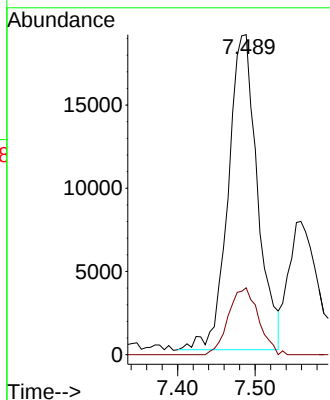
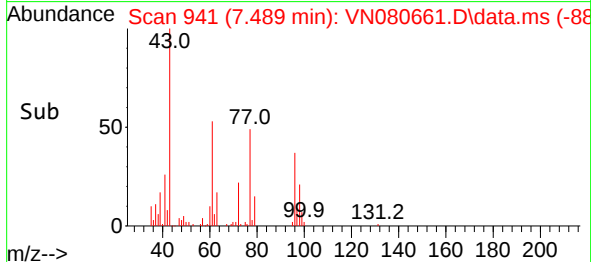
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 49804
Ion Ratio Lower Upper
43 100
72 21.2 30.2 45.2

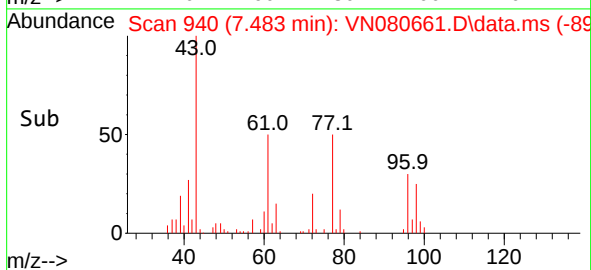
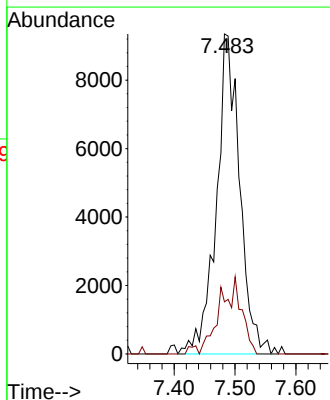
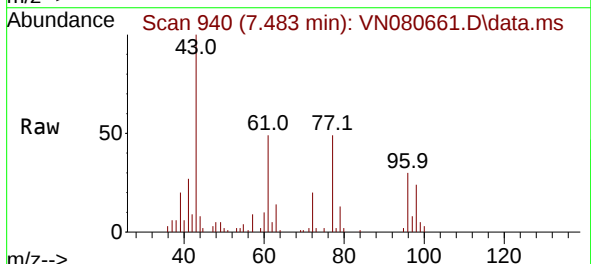
Manual Integrations
APPROVED

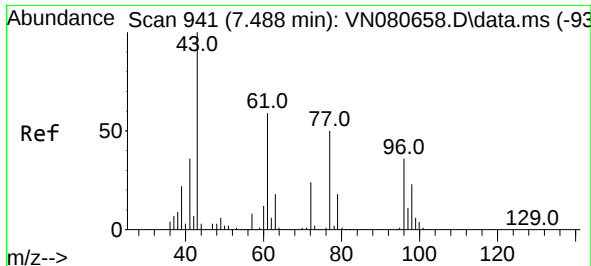
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#26
2,2-Dichloropropane
Concen: 5.202 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 77 Resp: 24917
Ion Ratio Lower Upper
77 100
97 13.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 5.329 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 1594

Ion Ratio Lower Upper

96 100

61 167.3 0.0 255.2

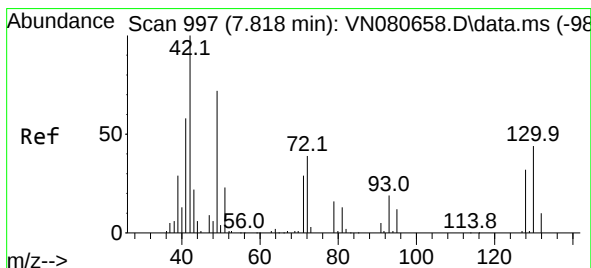
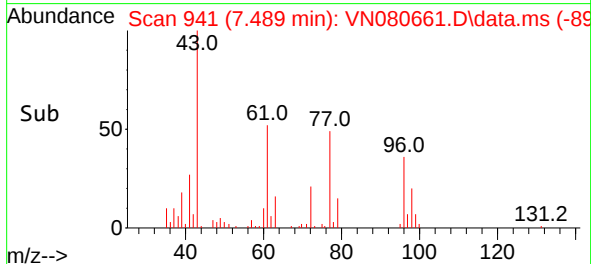
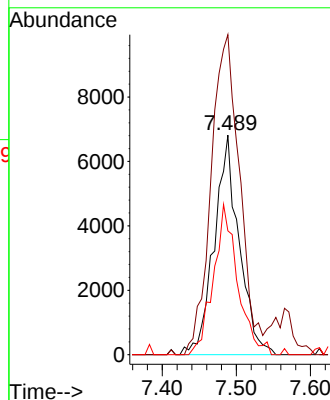
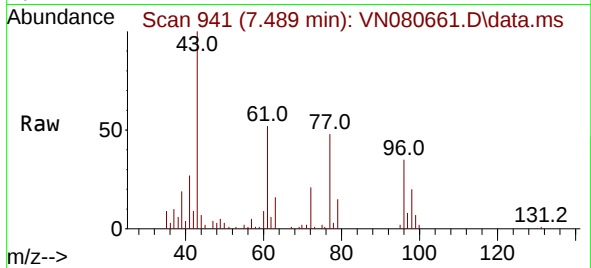
98 66.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#28

Bromochloromethane

Concen: 5.358 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

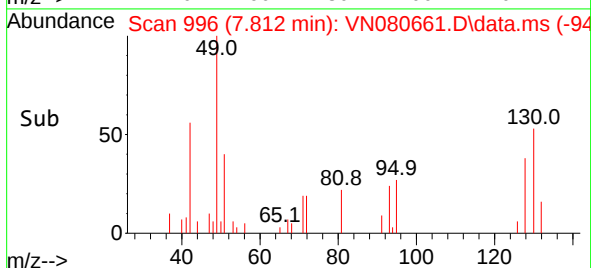
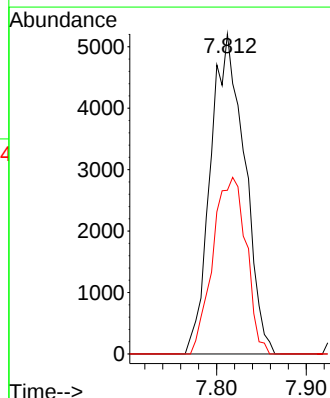
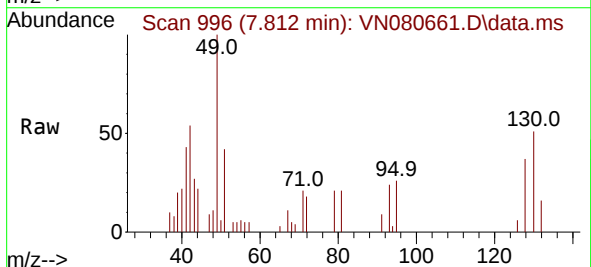
Tgt Ion: 49 Resp: 13719

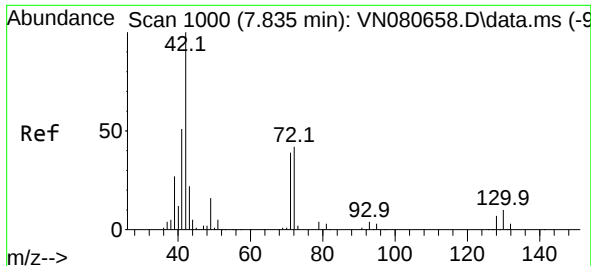
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 54.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 23.636 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

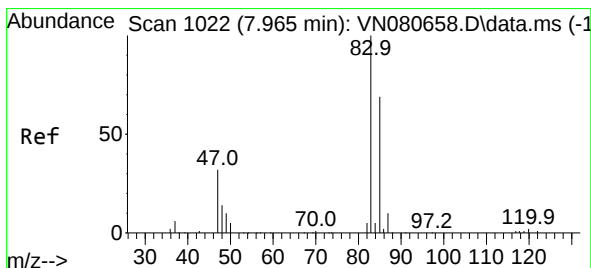
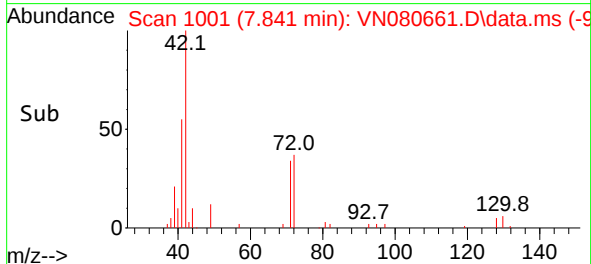
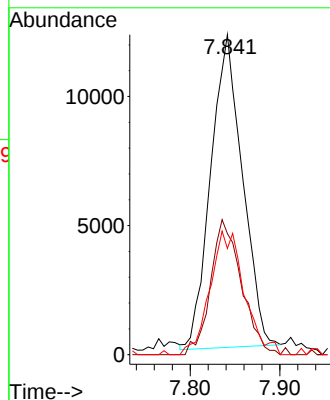
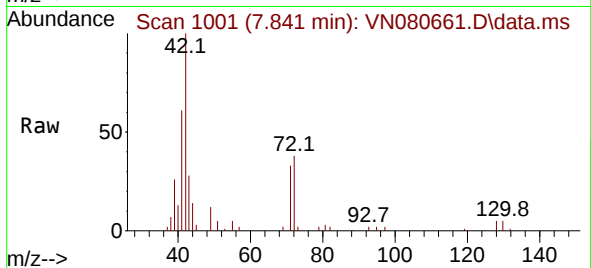
Tgt Ion:	42	Resp:	2976
Ion Ratio	Lower	Upper	
42	100		
72	41.8	49.8	74.6
71	42.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 5.123 ug/l

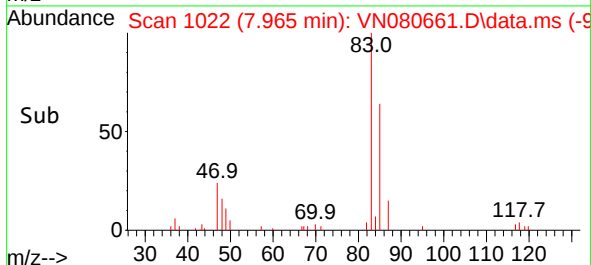
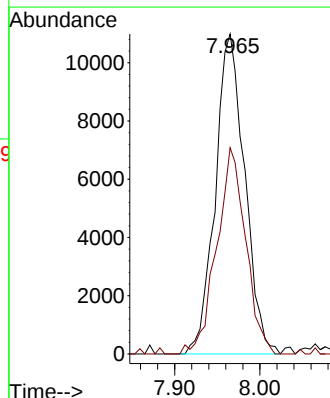
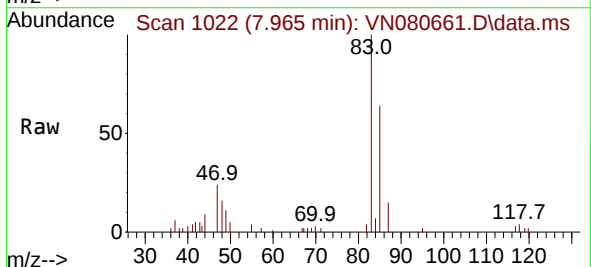
RT: 7.965 min Scan# 1022

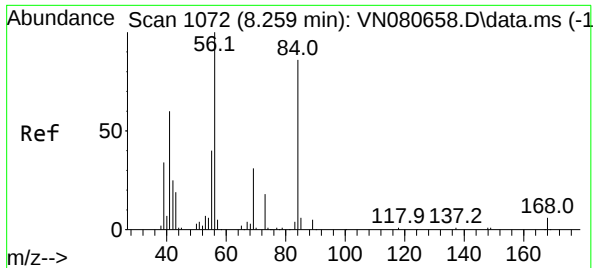
Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

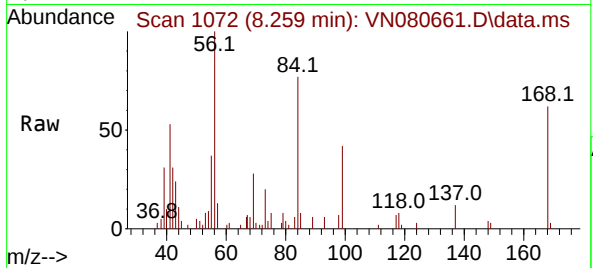
Tgt Ion:	83	Resp:	26304
Ion Ratio	Lower	Upper	
83	100		
85	64.5	55.4	83.0





#31
Cyclohexane
Concen: 6.102 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

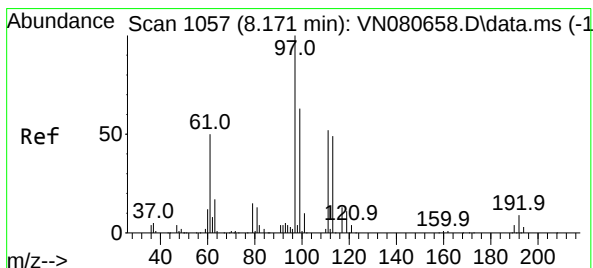
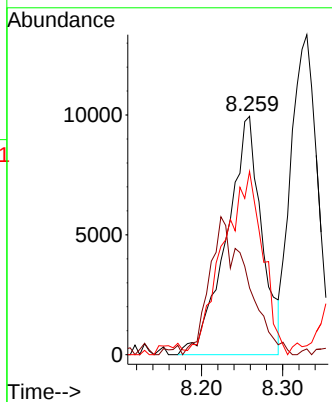
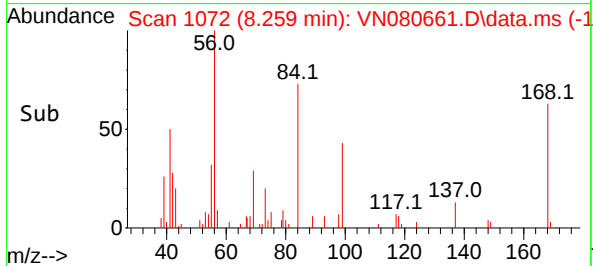
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



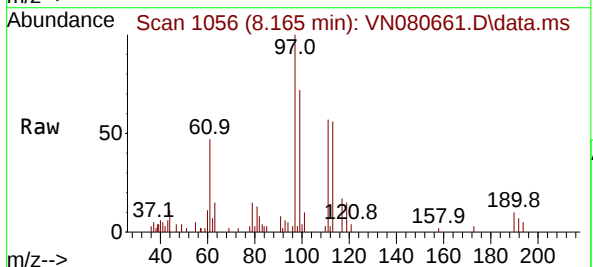
Tgt Ion: 56 Resp: 29670
Ion Ratio Lower Upper
56 100
69 24.1 26.8 40.2
84 72.1 81.8 122.6

Manual Integrations
APPROVED

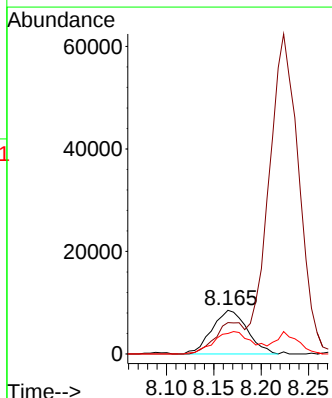
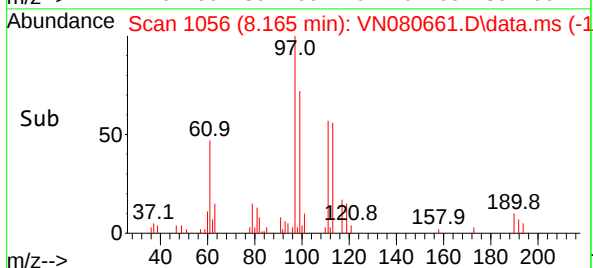
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

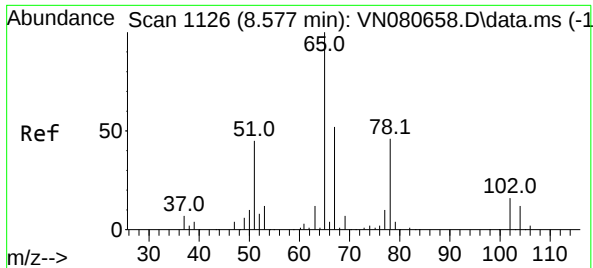


#32
1,1,1-Trichloroethane
Concen: 5.258 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



Tgt Ion: 97 Resp: 22010
Ion Ratio Lower Upper
97 100
99 59.2 50.3 75.5
61 56.5 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 6.043 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

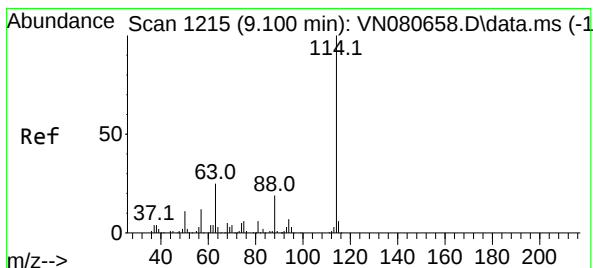
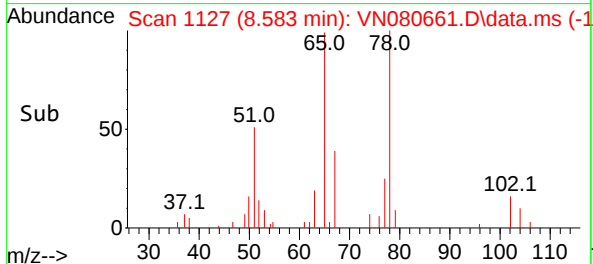
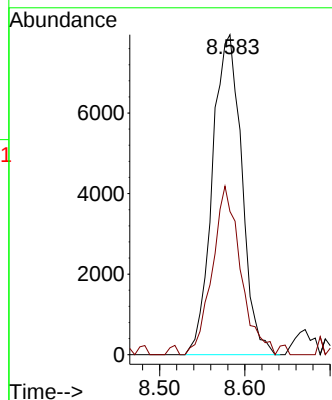
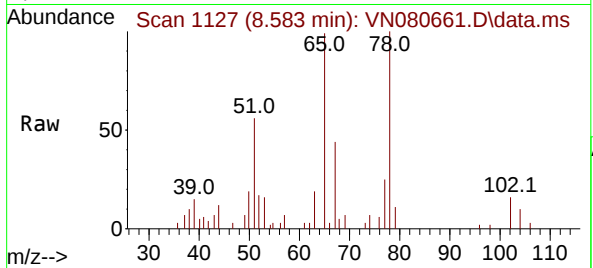
VSTDIC005

Tgt Ion: 65 Resp: 19024
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6

Manual Integrations

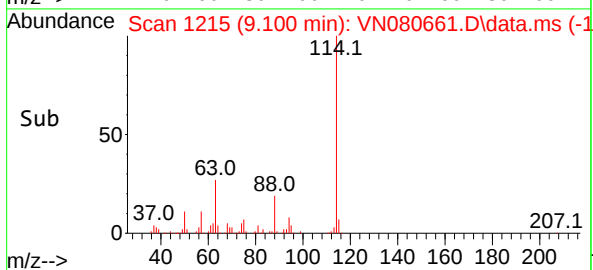
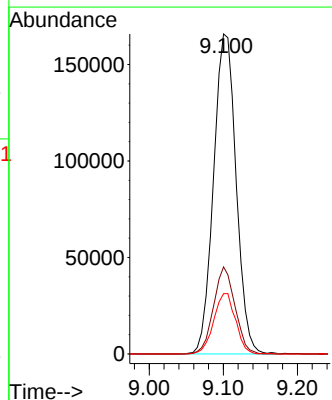
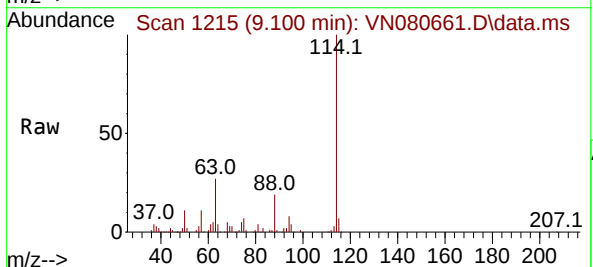
APPROVED

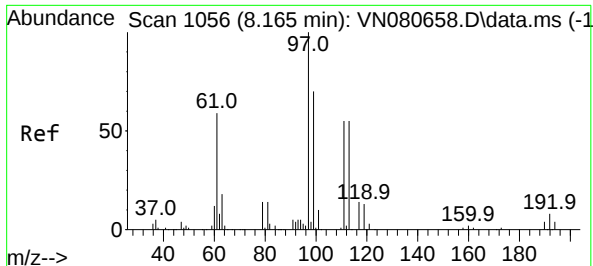
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:114 Resp: 350899
Ion Ratio Lower Upper
114 100
63 27.2 0.0 36.4
88 18.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.443 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

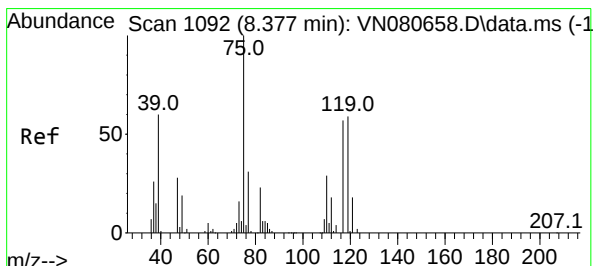
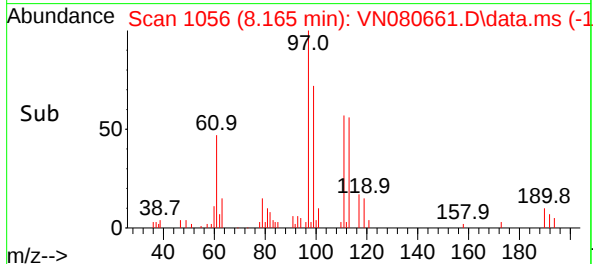
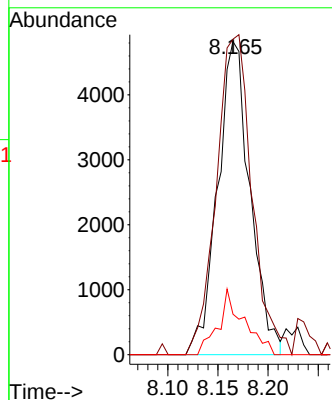
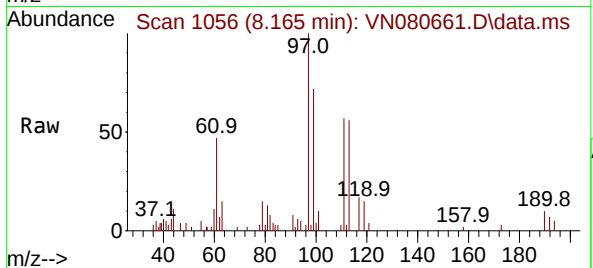
Tgt Ion:	113	Resp:	1085
Ion Ratio	Lower	Upper	
113	100		
111	111.8	82.6	123.8
192	16.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#36

1,1-Dichloropropene

Concen: 5.003 ug/l

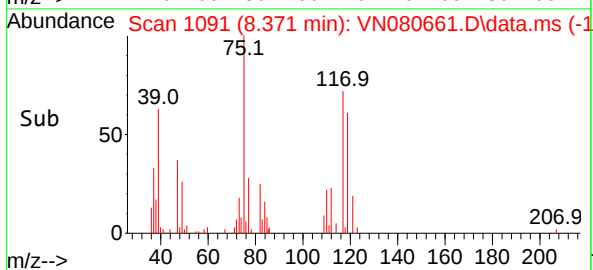
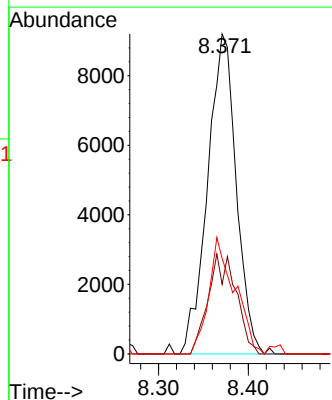
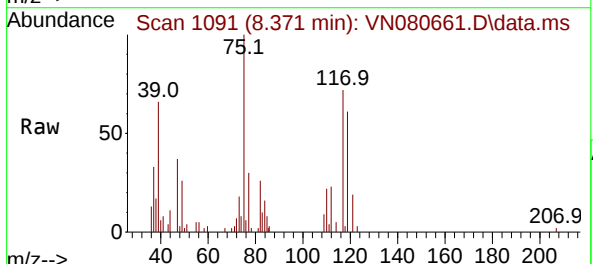
RT: 8.371 min Scan# 1091

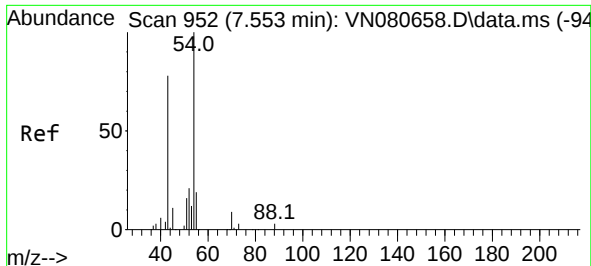
Delta R.T. -0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Tgt Ion:	75	Resp:	20434
Ion Ratio	Lower	Upper	
75	100		
110	30.3	19.1	57.3
77	33.2	25.0	37.4





#37

Ethyl Acetate

Concen: 4.950 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

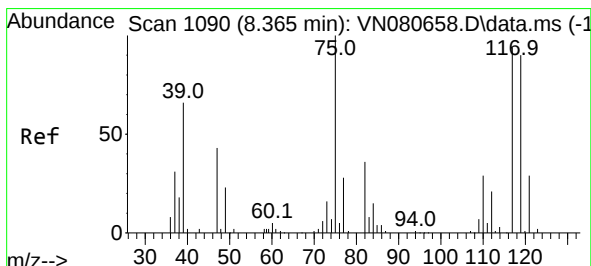
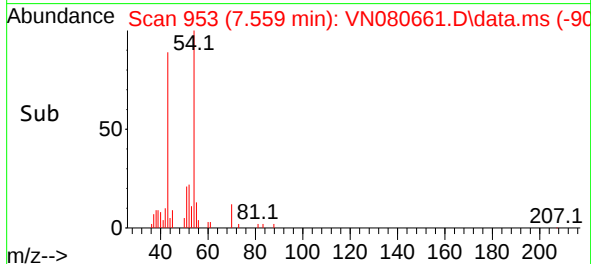
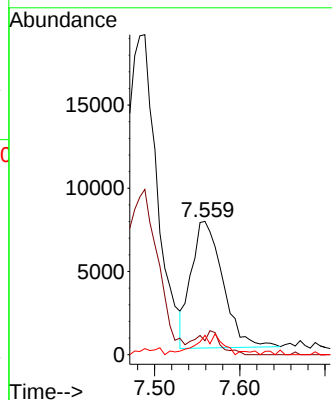
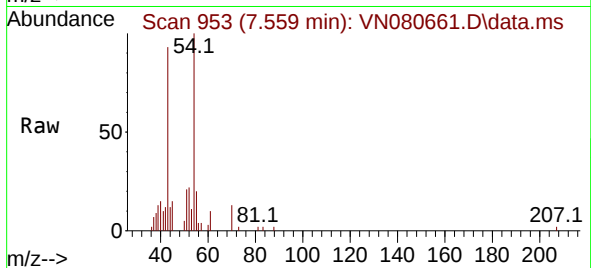
Tgt Ion:	43	Resp:	1960
Ion Ratio	Lower	Upper	
43	100		
61	14.5	13.2	19.8
70	5.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#38

Carbon Tetrachloride

Concen: 5.238 ug/l

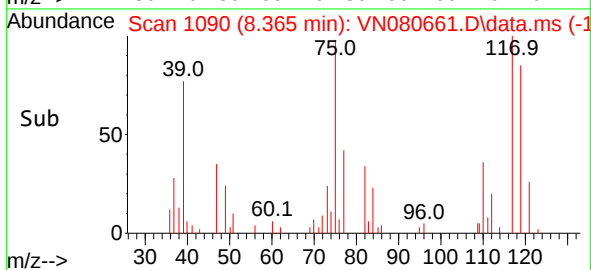
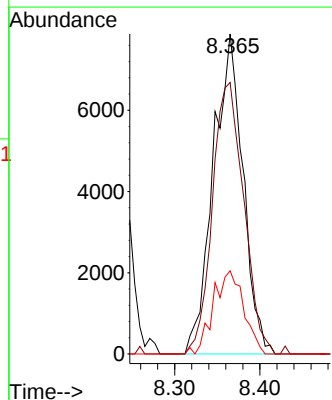
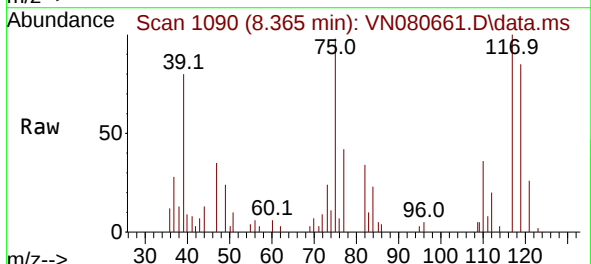
RT: 8.365 min Scan# 1090

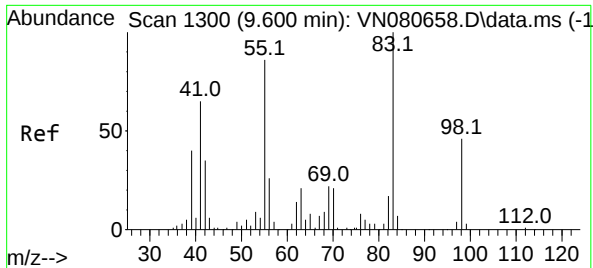
Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Tgt Ion:	117	Resp:	19208
Ion Ratio	Lower	Upper	
117	100		
119	84.8	77.3	115.9
121	26.0	23.3	34.9





#39
Methylcyclohexane
Concen: 5.053 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

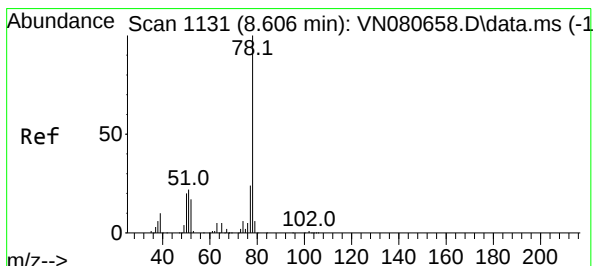
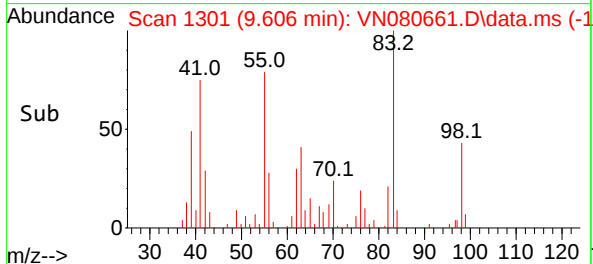
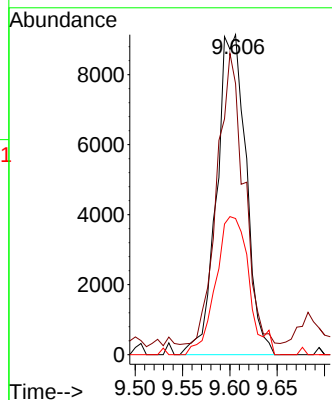
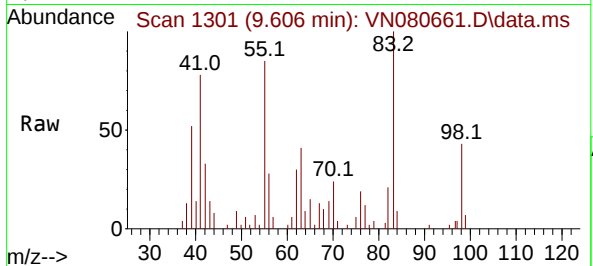
Tgt Ion: 83 Resp: 19750
Ion Ratio Lower Upper
83 100
55 81.5 49.1 73.7
98 42.5 40.6 61.0

Manual Integrations

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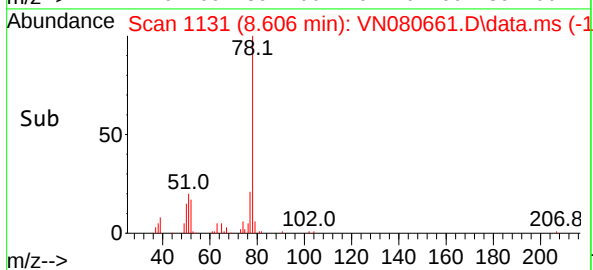
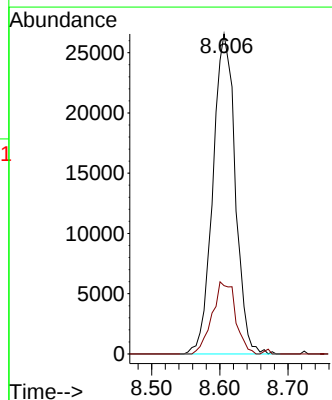
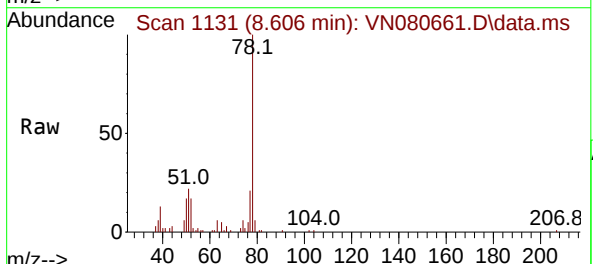
Reviewed By :John Carlone 01/11/2024

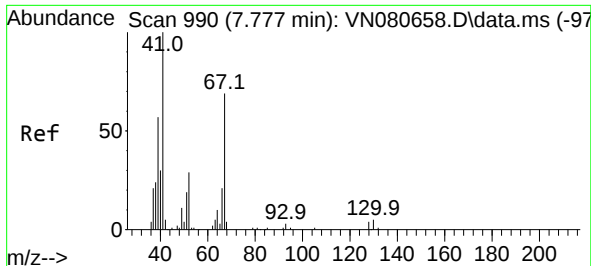
Supervised By :Mahesh Dadoda 01/11/2024



#40
Benzene
Concen: 5.292 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

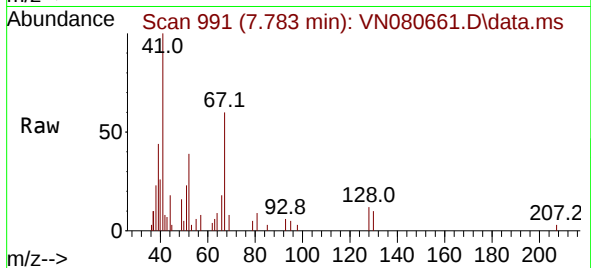
Tgt Ion: 78 Resp: 60752
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.6





#41
Methacrylonitrile
Concen: 5.232 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

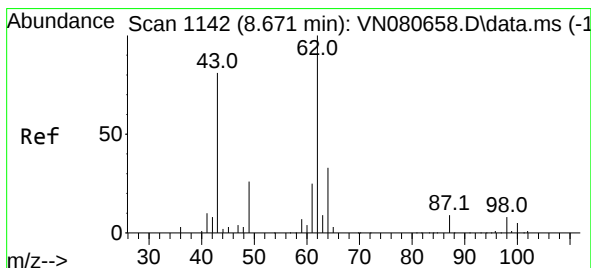
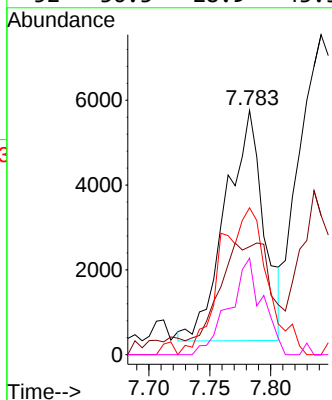
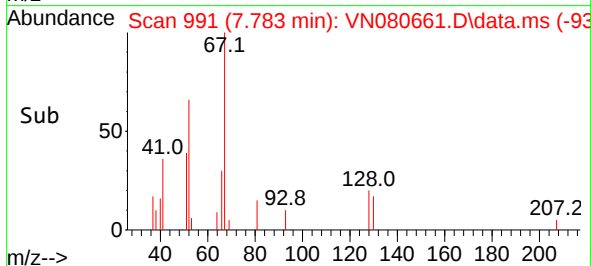
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 11890
Ion Ratio Lower Upper
41 100
39 62.0 42.6 64.0
67 79.2 77.5 116.3
52 36.3 28.9 43.3

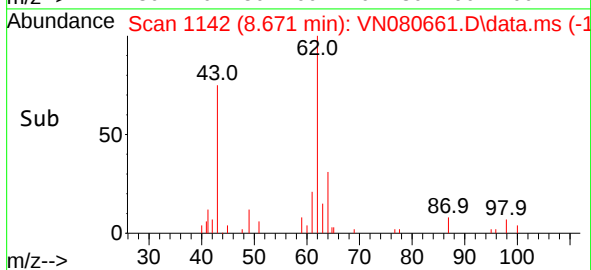
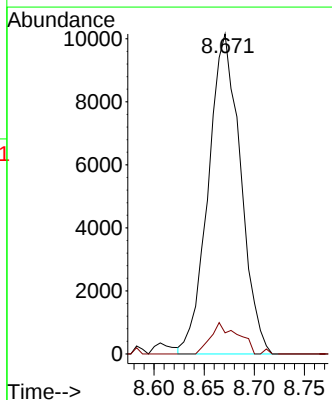
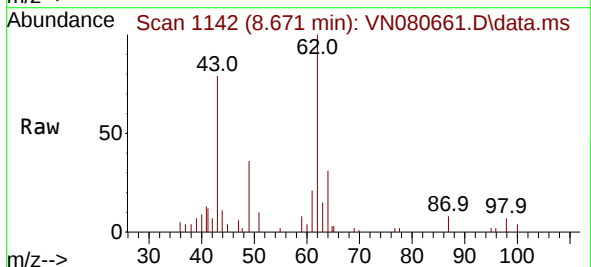
Manual Integrations
APPROVED

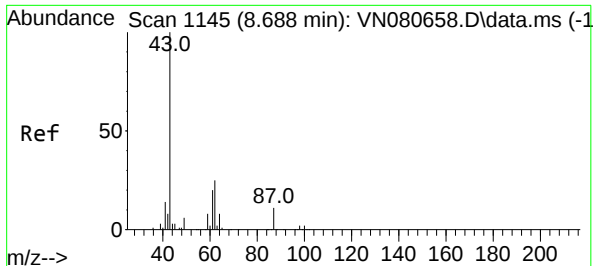
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 5.169 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 62 Resp: 22718
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 5.192 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

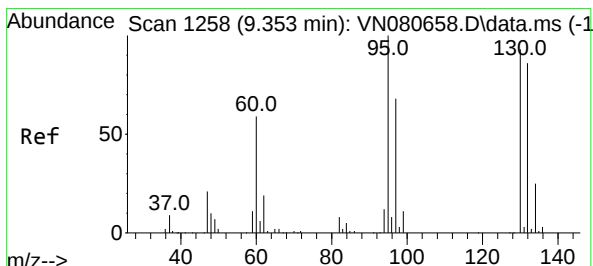
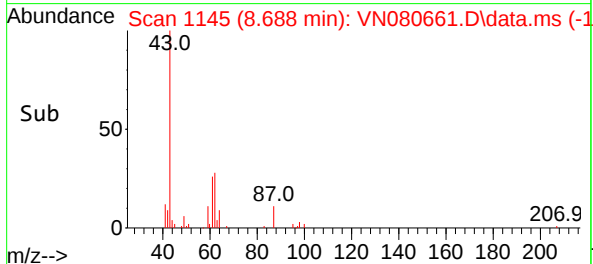
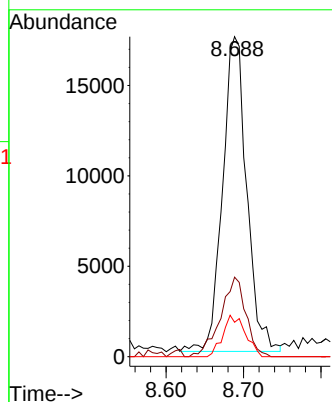
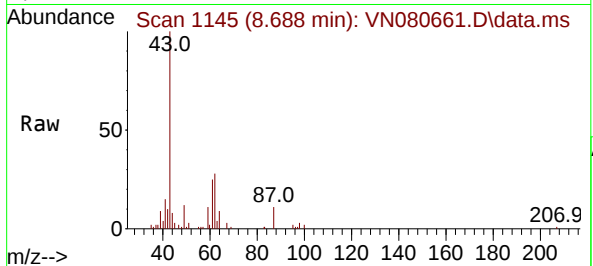
VSTDIC005

Tgt Ion: 43 Resp: 3779
Ion Ratio Lower Upper
43 100
61 26.4 24.7 37.1
87 12.2 14.6 21.8

Manual Integrations

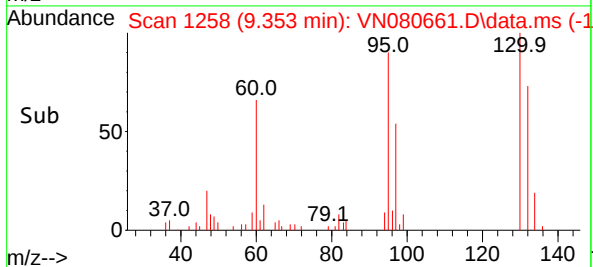
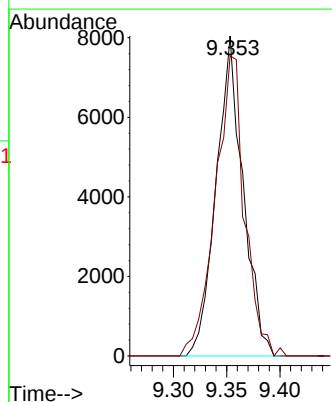
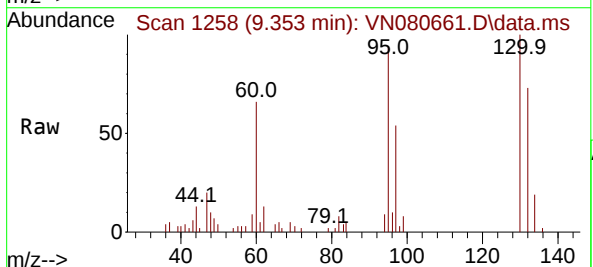
APPROVED

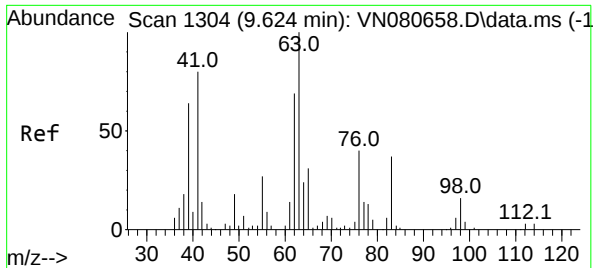
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#44
Trichloroethene
Concen: 5.430 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:130 Resp: 14113
Ion Ratio Lower Upper
130 100
95 93.8 0.0 204.6





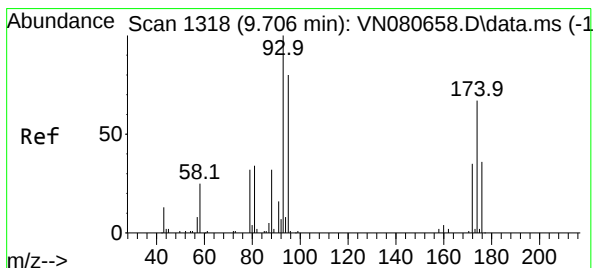
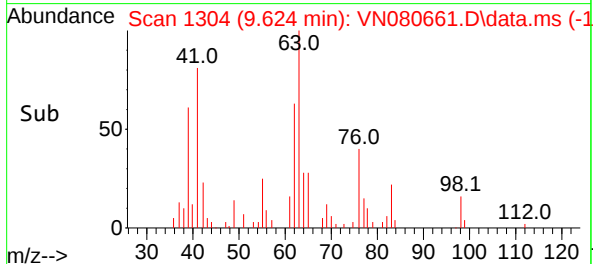
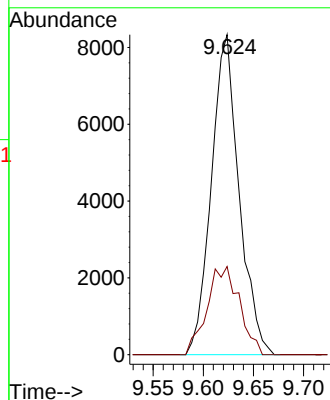
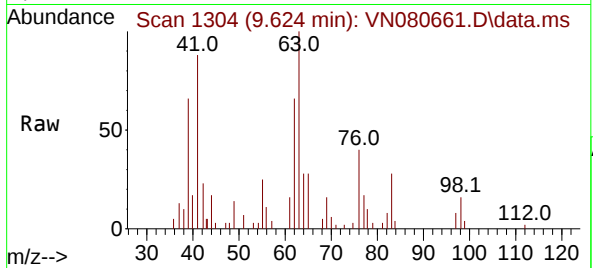
#45
1,2-Dichloropropane
Concen: 5.261 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1601
Ion Ratio Lower Upper
63 100
65 27.5 23.9 35.9

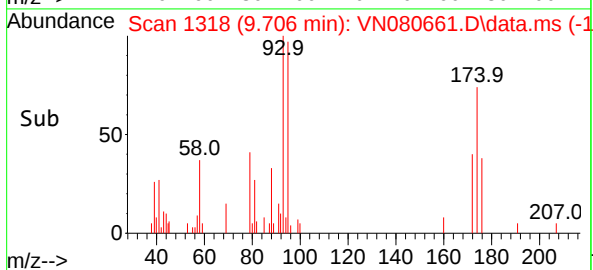
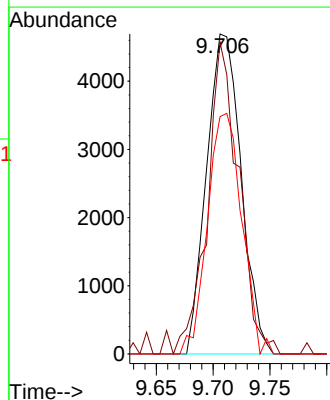
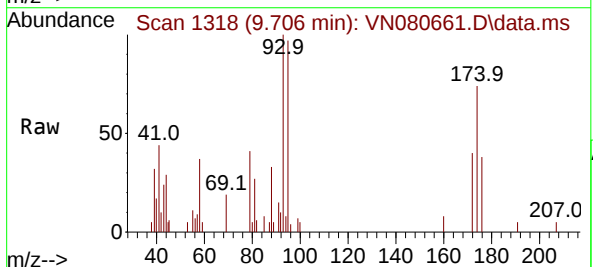
Manual Integrations
APPROVED

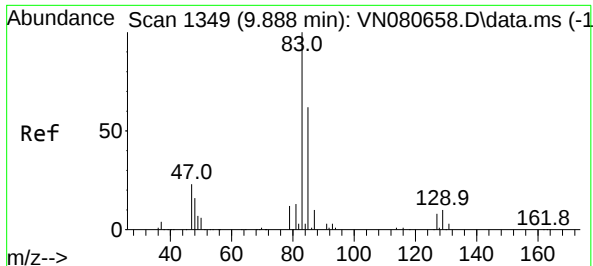
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#46
Dibromomethane
Concen: 5.158 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 93 Resp: 9933
Ion Ratio Lower Upper
93 100
95 88.4 63.8 95.8
174 74.5 65.6 98.4





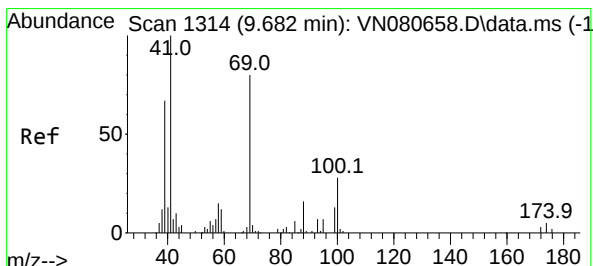
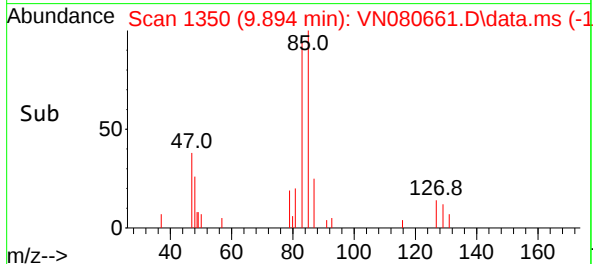
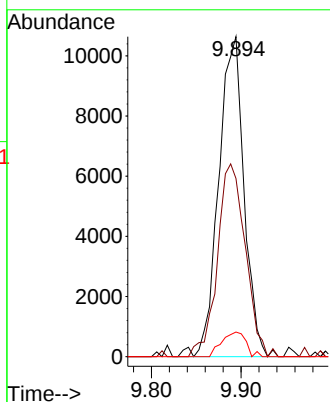
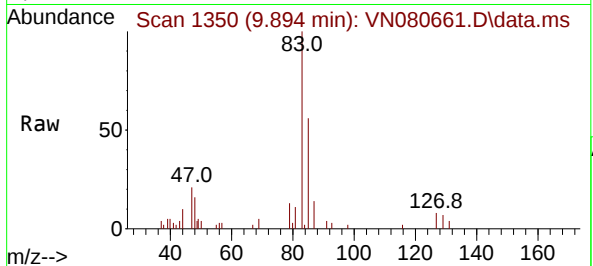
#47
Bromodichloromethane
Concen: 4.901 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 20948
Ion Ratio Lower Upper
83 100
85 55.7 49.6 74.4
127 7.7 7.0 10.6

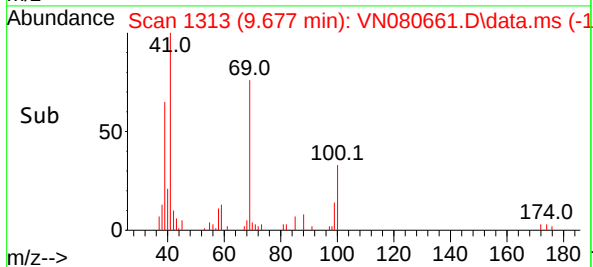
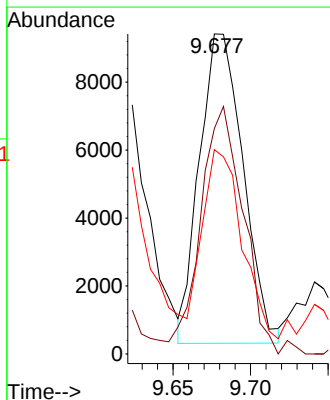
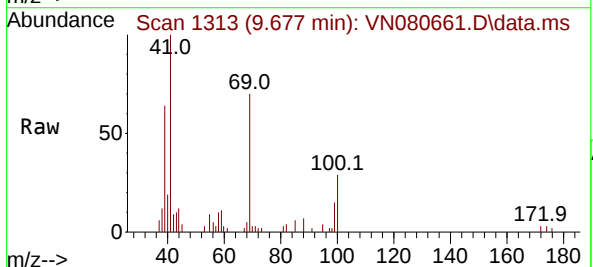
Manual Integrations
APPROVED

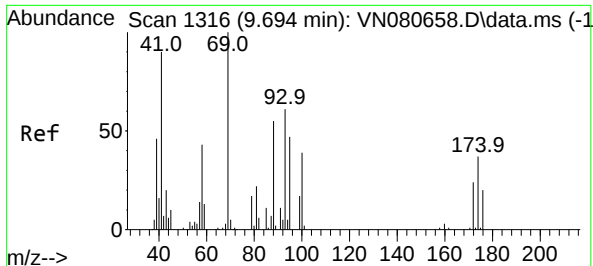
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#48
Methyl methacrylate
Concen: 5.174 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 41 Resp: 17833
Ion Ratio Lower Upper
41 100
69 78.6 90.4 135.6#
39 60.5 54.6 81.8





#49

1,4-Dioxane

Concen: 105.232 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 4519

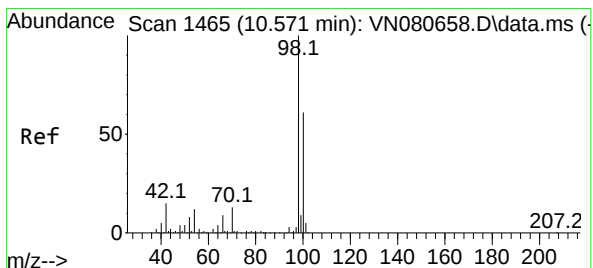
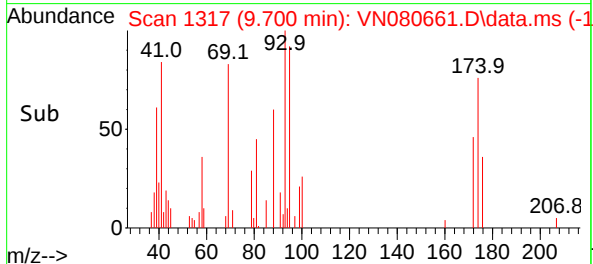
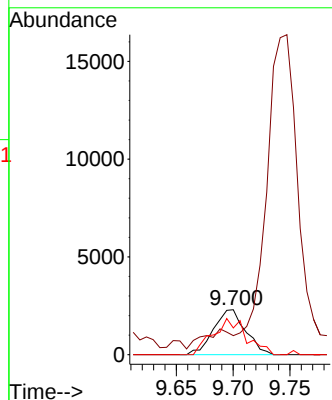
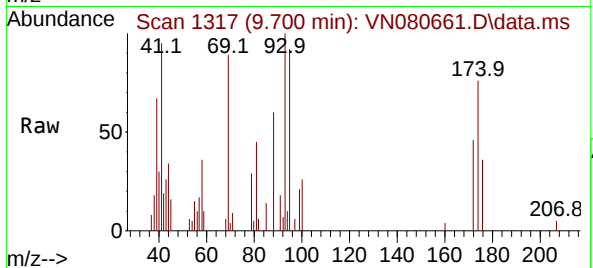
Ion	Ratio	Lower	Upper
88	100		
43	38.1	17.0	25.6
58	84.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#50

Toluene-d8

Concen: 5.752 ug/l

RT: 10.571 min Scan# 1465

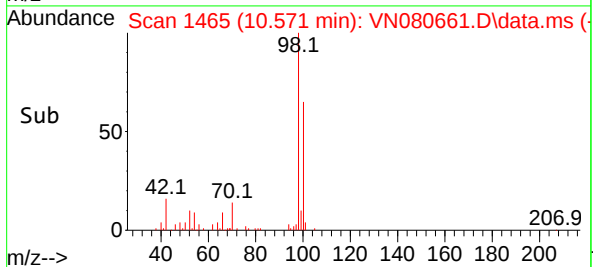
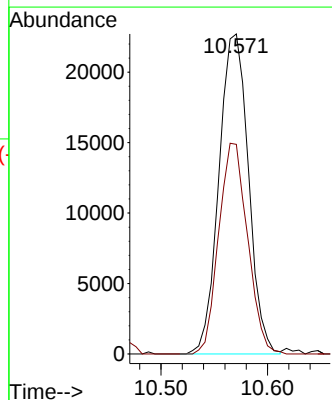
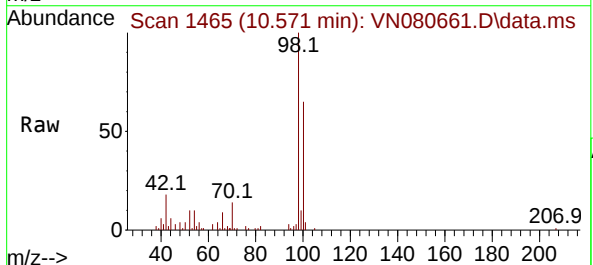
Delta R.T. 0.000 min

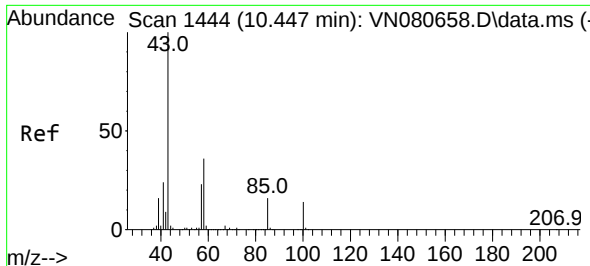
Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Tgt Ion: 98 Resp: 43726

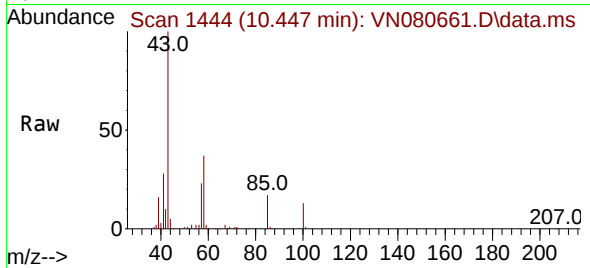
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 26.025 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

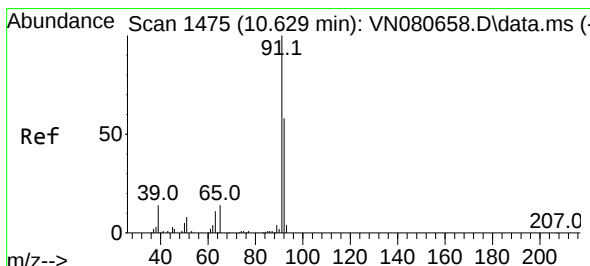
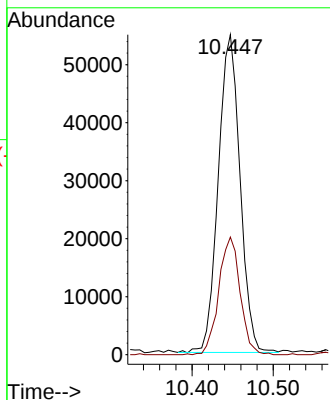
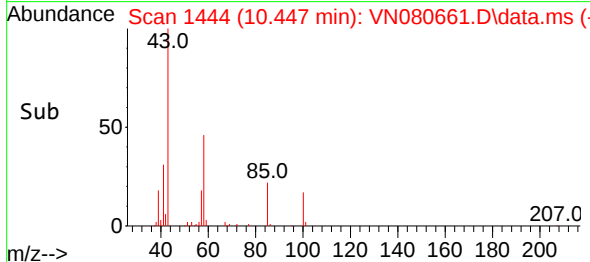
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 102200
Ion Ratio Lower Upper
43 100
58 36.3 36.6 54.8

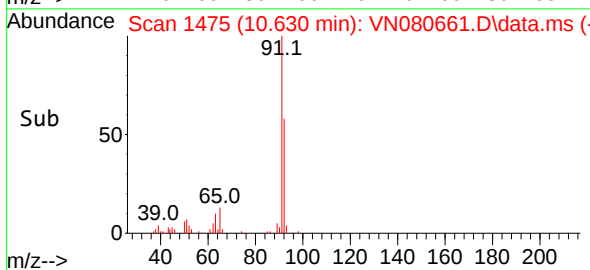
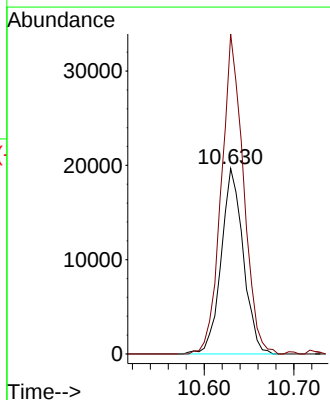
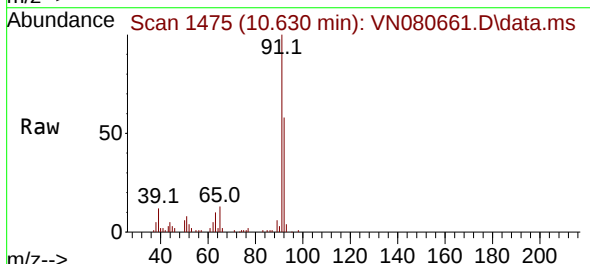
Manual Integrations
APPROVED

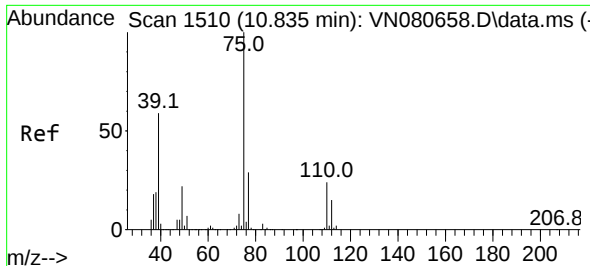
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 5.101 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

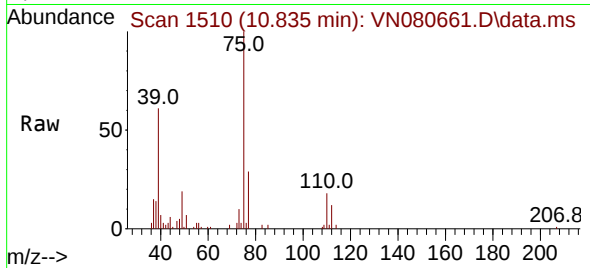
Tgt Ion: 92 Resp: 33557
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 5.339 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

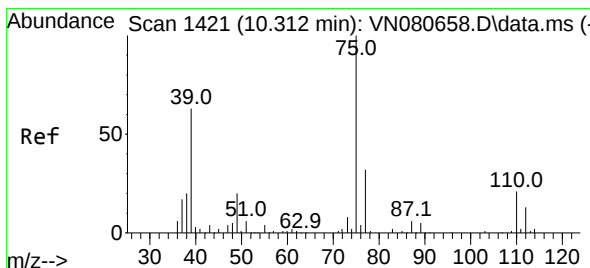
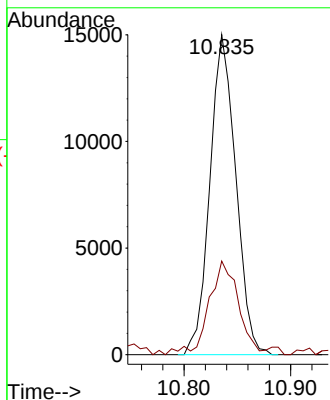
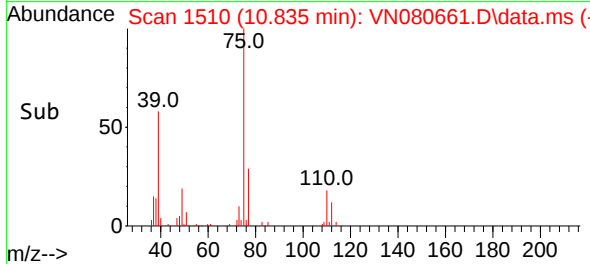
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 2533
Ion Ratio Lower Upper
75 100
77 28.2 25.4 38.0

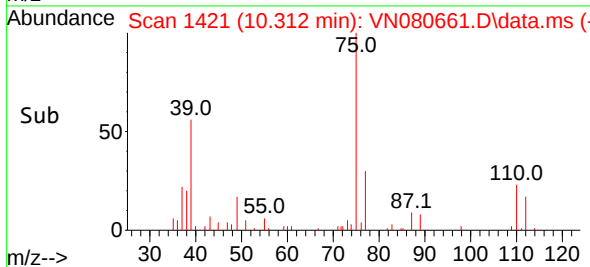
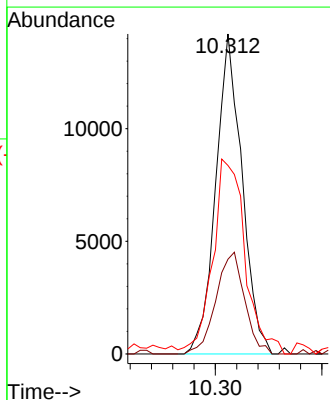
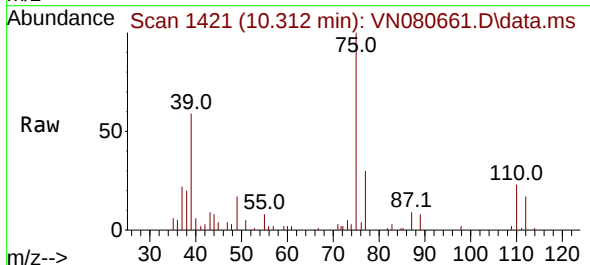
Manual Integrations
APPROVED

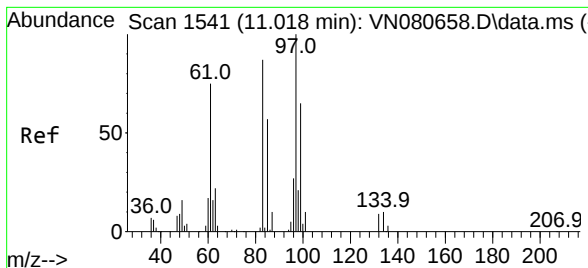
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#54
cis-1,3-Dichloropropene
Concen: 4.831 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

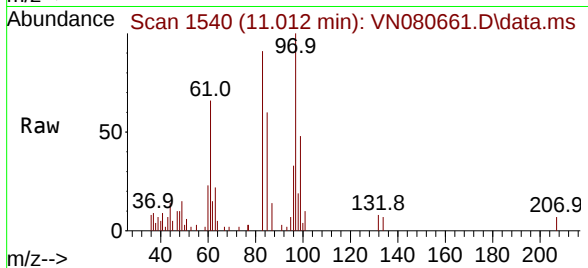
Tgt Ion: 75 Resp: 24305
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 57.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 5.237 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

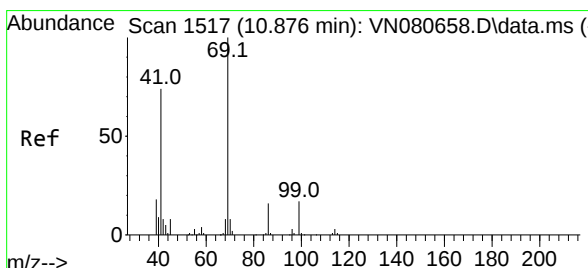
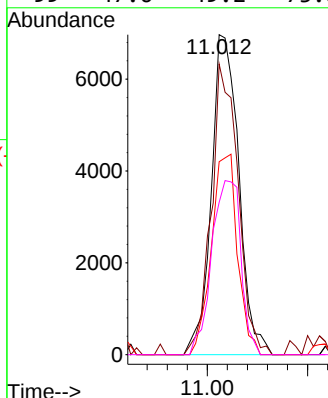
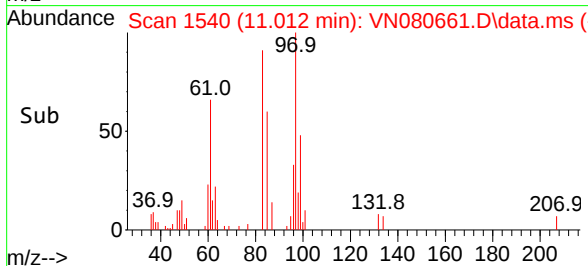
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion:	97	Resp:	13260
Ion	Ratio	Lower	Upper
97	100		
83	90.8	65.1	97.7
85	60.3	43.4	65.2
99	47.6	49.2	73.8#

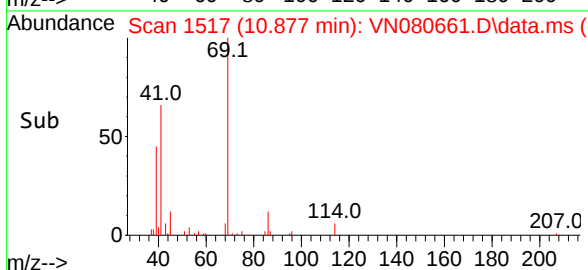
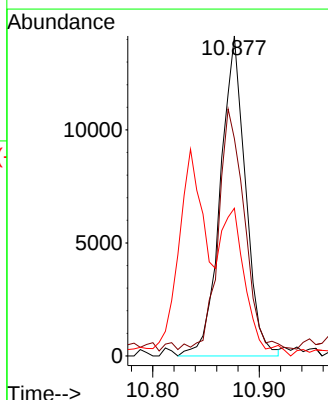
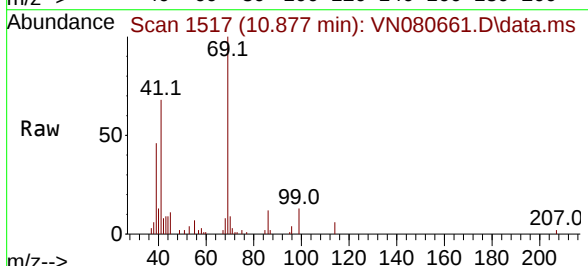
Manual Integrations
APPROVED

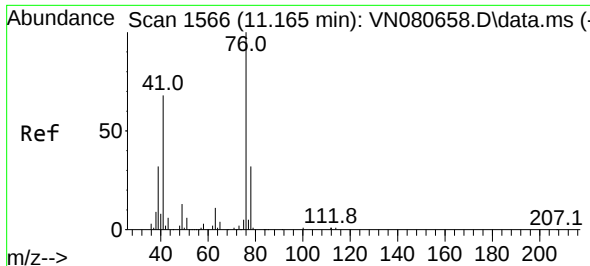
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#56
Ethyl methacrylate
Concen: 5.121 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

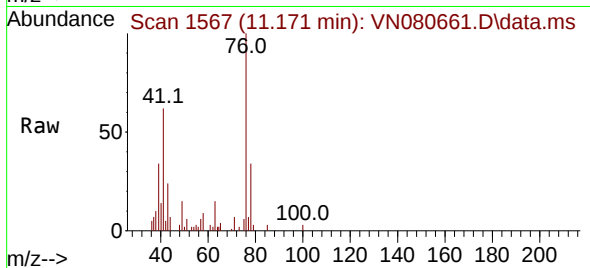
Tgt Ion:	69	Resp:	23223
Ion	Ratio	Lower	Upper
69	100		
41	77.3	39.6	59.4#
39	44.5	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 5.279 ug/l
RT: 11.171 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

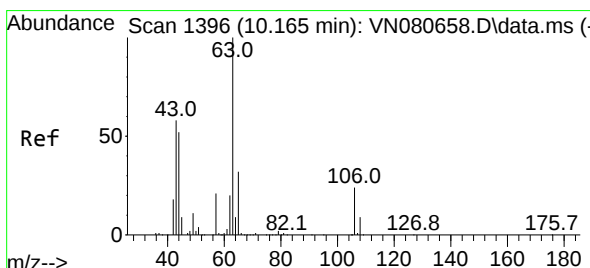
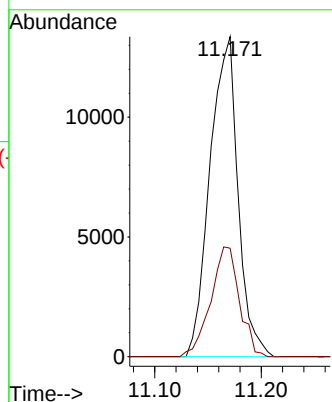
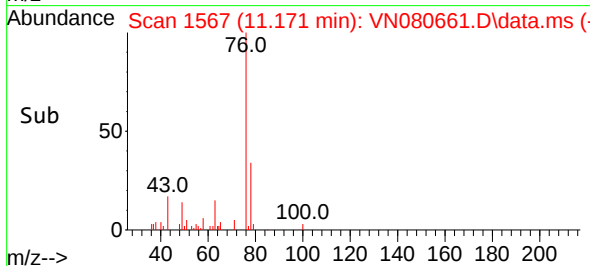
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 2440
Ion Ratio Lower Upper
76 100
78 35.1 26.1 39.1

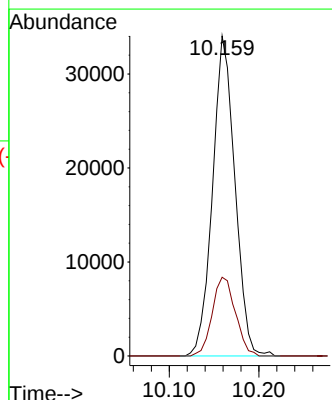
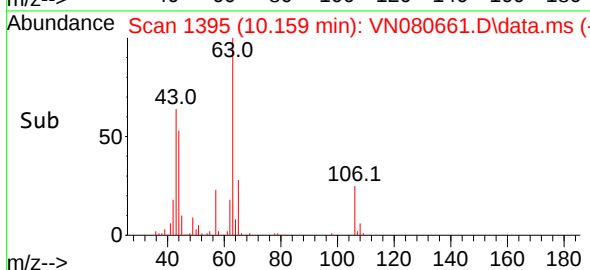
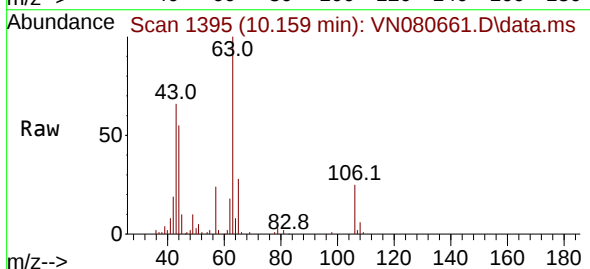
Manual Integrations
APPROVED

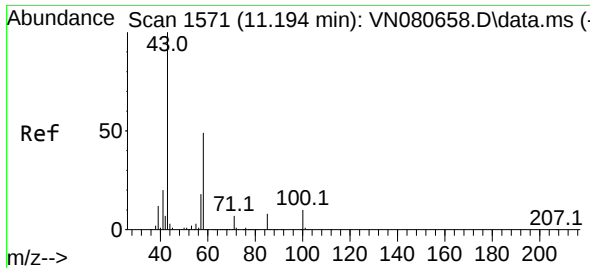
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 27.111 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 63 Resp: 58887
Ion Ratio Lower Upper
63 100
106 25.5 26.2 39.4#





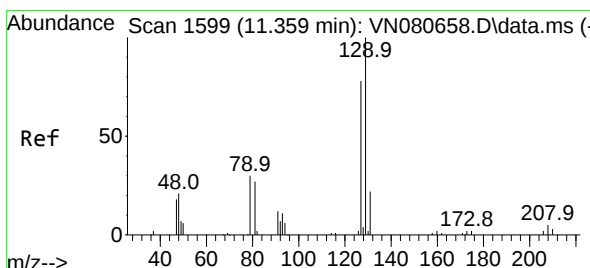
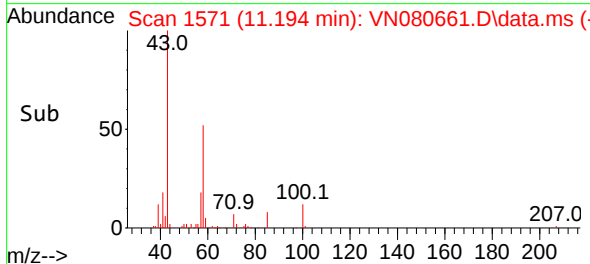
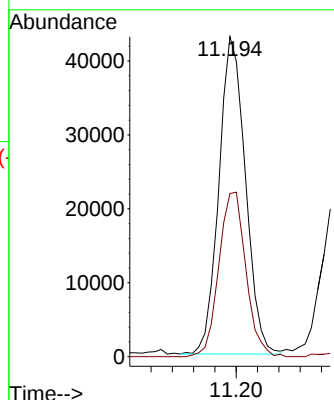
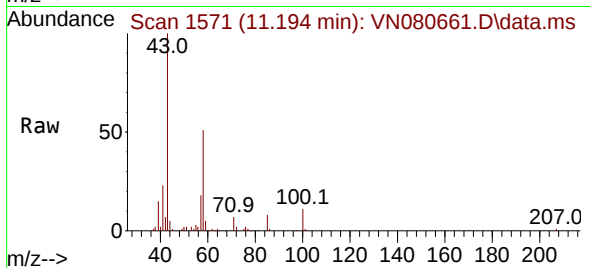
#59
2-Hexanone
Concen: 25.580 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 74158
Ion Ratio Lower Upper
43 100
58 52.8 31.7 95.1

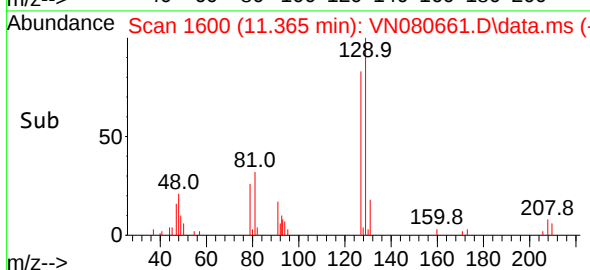
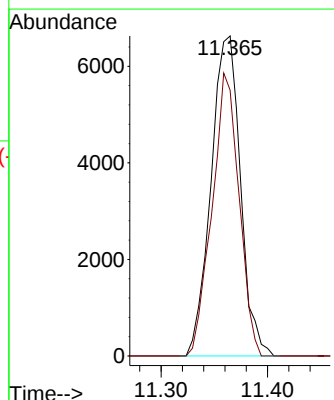
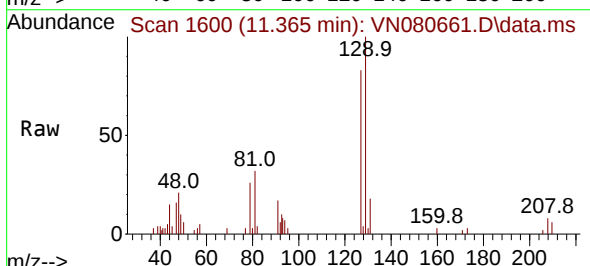
Manual Integrations
APPROVED

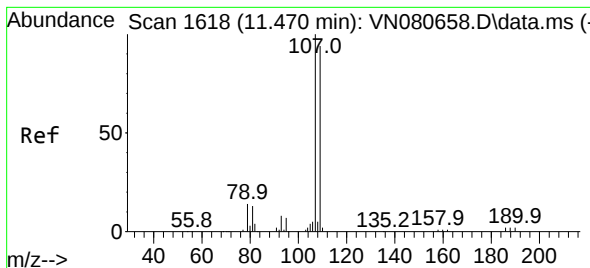
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#60
Dibromochloromethane
Concen: 4.886 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:129 Resp: 12715
Ion Ratio Lower Upper
129 100
127 80.9 38.6 116.0





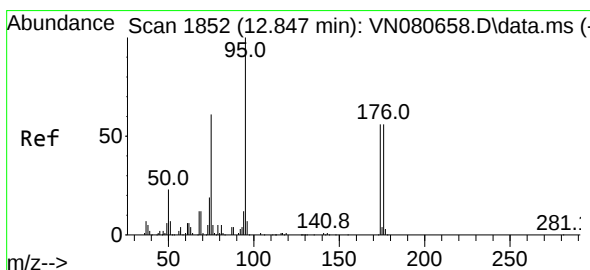
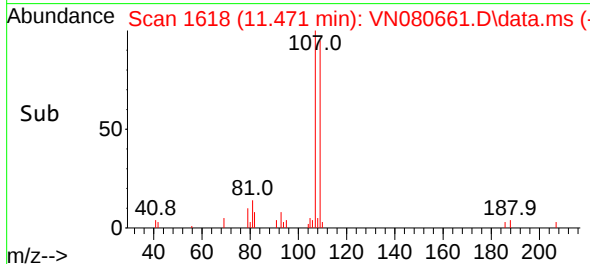
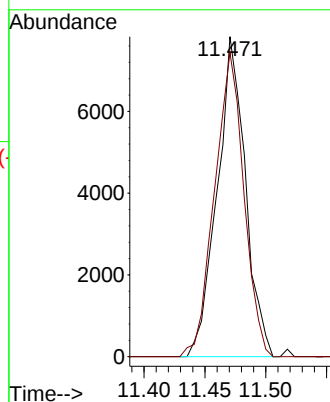
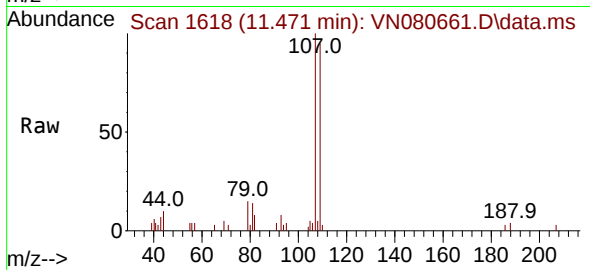
#61
1,2-Dibromoethane
Concen: 5.065 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 12600
Ion Ratio Lower Upper
107 100
109 98.7 76.6 114.8

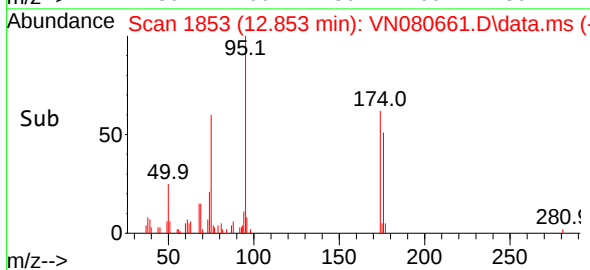
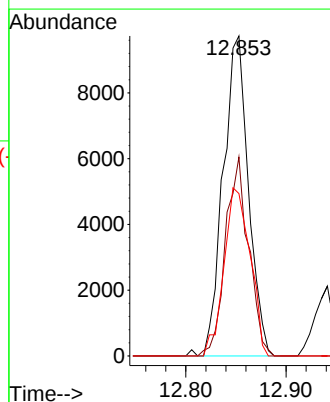
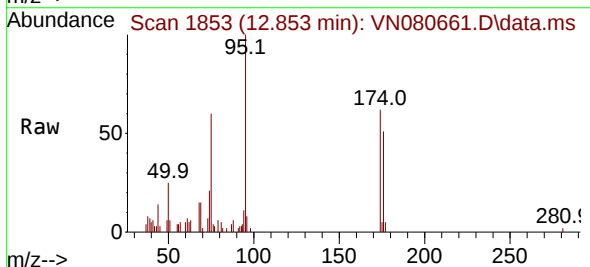
Manual Integrations
APPROVED

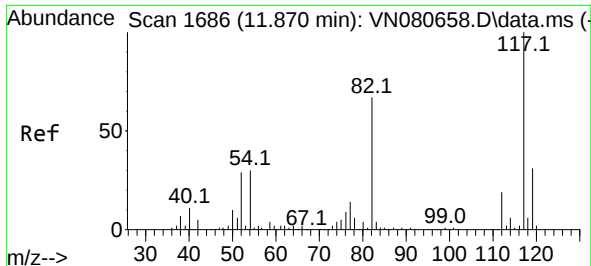
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#62
4-Bromofluorobenzene
Concen: 5.844 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

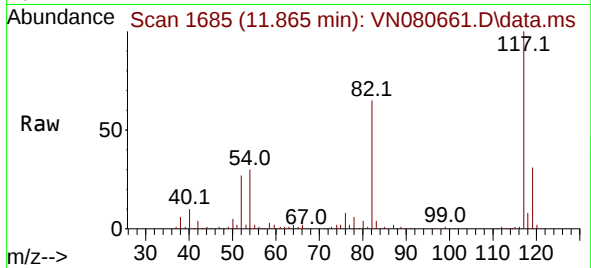
Tgt Ion: 95 Resp: 17036
Ion Ratio Lower Upper
95 100
174 56.9 0.0 143.8
176 54.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

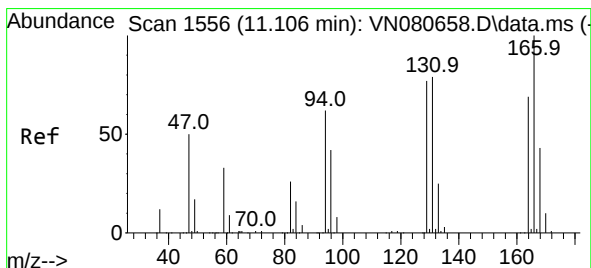
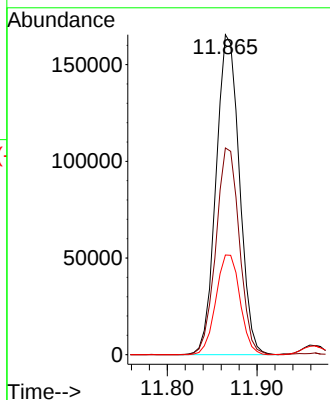
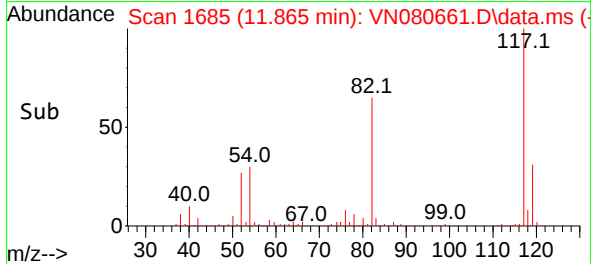
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



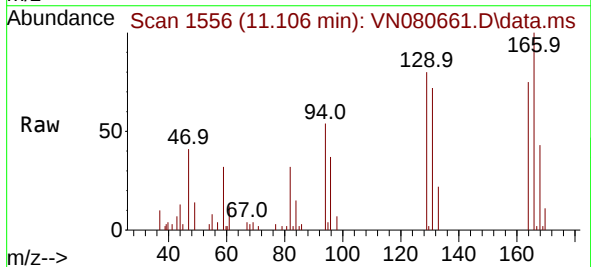
Tgt Ion:117 Resp: 29902
Ion Ratio Lower Upper
117 100
82 64.6 44.0 66.0
119 31.1 25.6 38.4

Manual Integrations
APPROVED

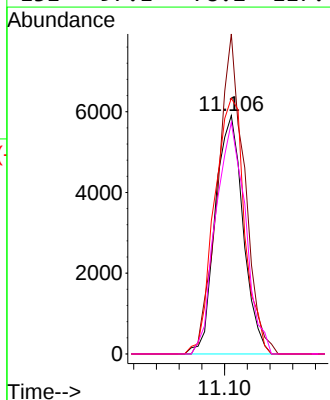
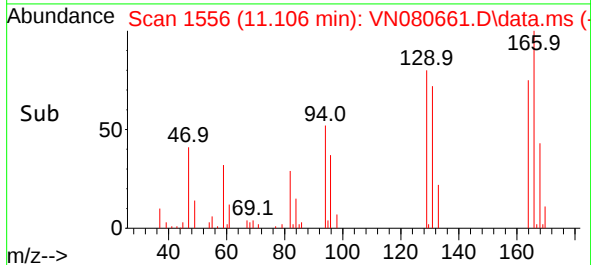
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

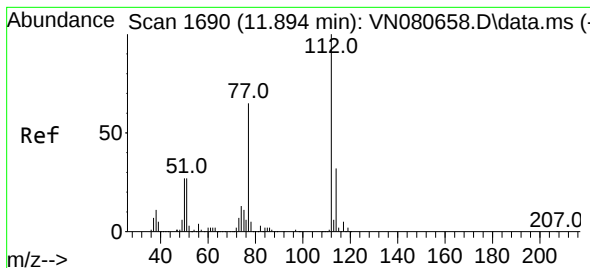


#64
Tetrachloroethene
Concen: 4.904 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



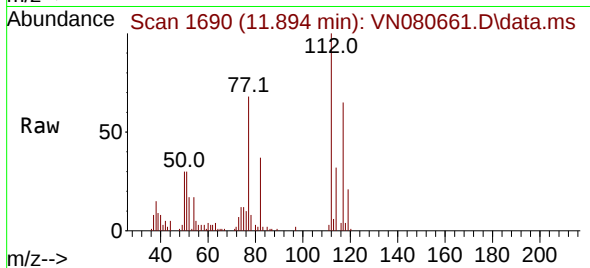
Tgt Ion:164 Resp: 10070
Ion Ratio Lower Upper
164 100
166 134.2 101.4 152.0
129 107.3 82.4 123.6
131 97.1 78.2 117.4





#65
Chlorobenzene
Concen: 5.021 ug/l
RT: 11.894 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

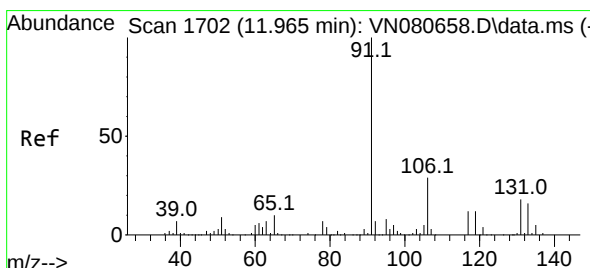
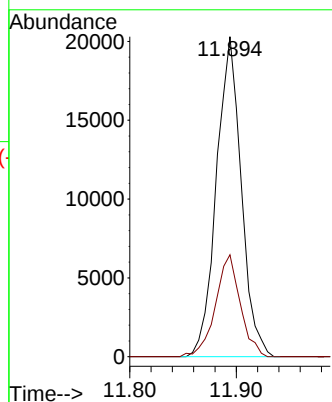
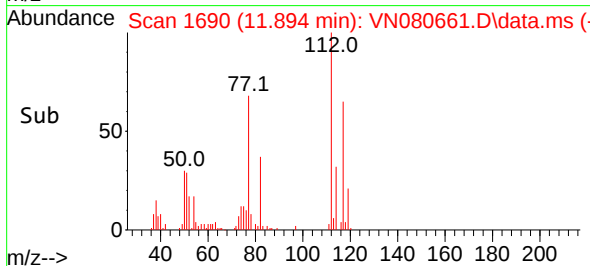
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



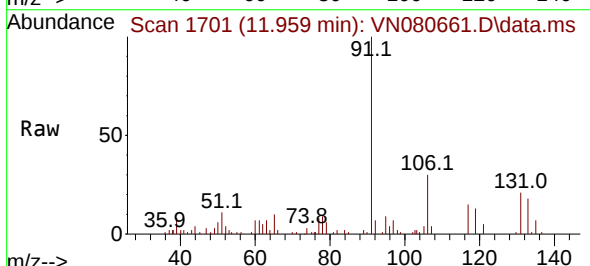
Tgt Ion:112 Resp: 32804
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

Manual Integrations
APPROVED

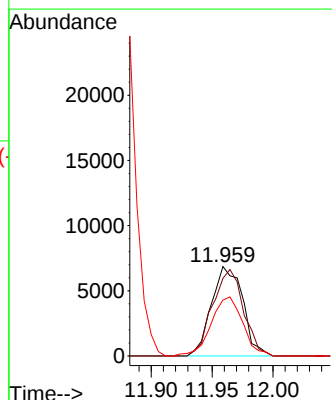
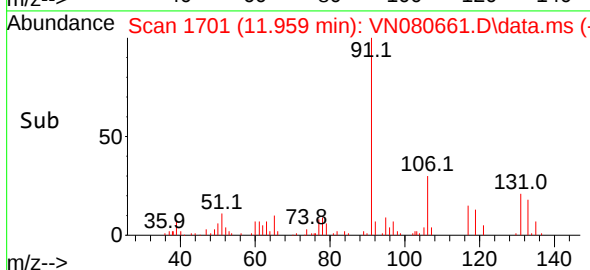
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

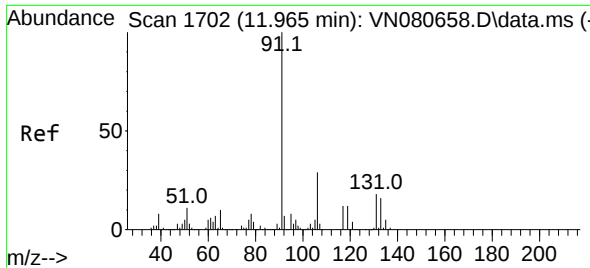


#66
1,1,1,2-Tetrachloroethane
Concen: 5.303 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



Tgt Ion:131 Resp: 12300
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 66.3 34.1 102.2





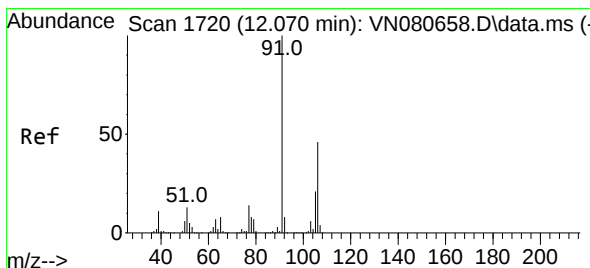
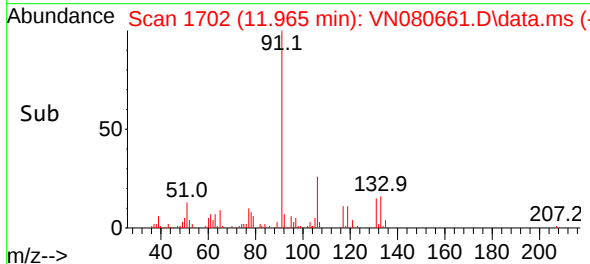
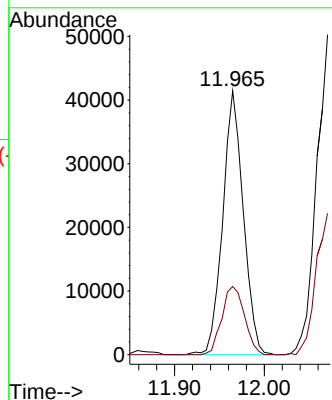
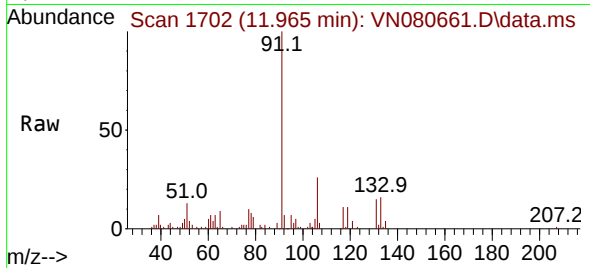
#67
Ethyl Benzene
Concen: 5.283 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 65900
Ion Ratio Lower Upper
91 100
106 25.8 25.6 38.4

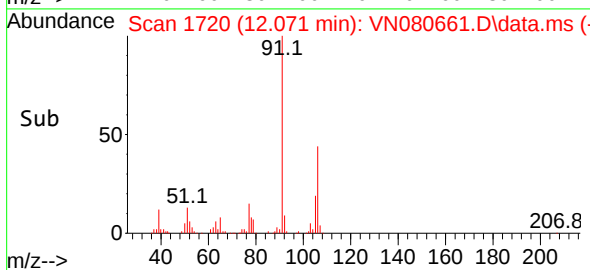
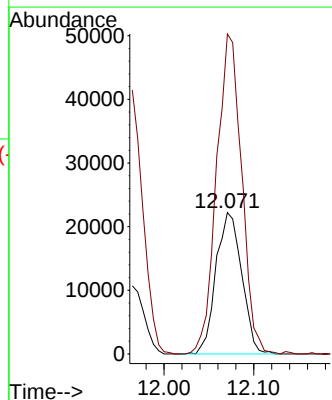
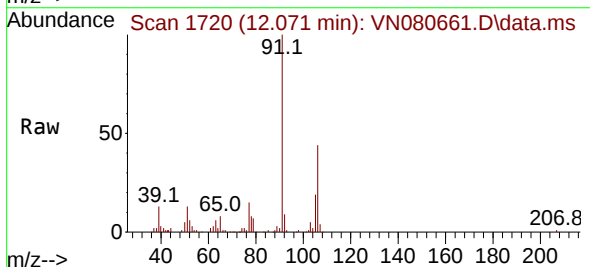
Manual Integrations
APPROVED

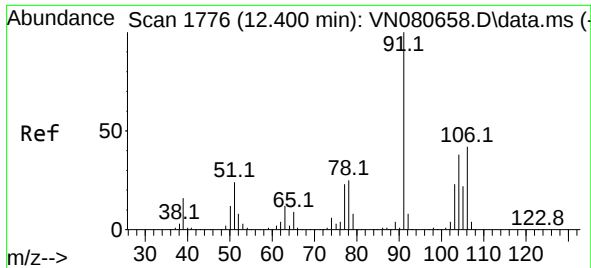
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#68
m/p-Xylenes
Concen: 10.097 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:106 Resp: 44282
Ion Ratio Lower Upper
106 100
91 220.5 159.6 239.4





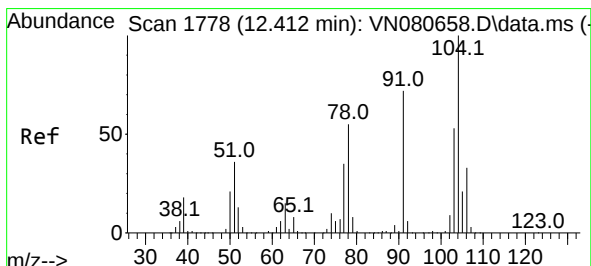
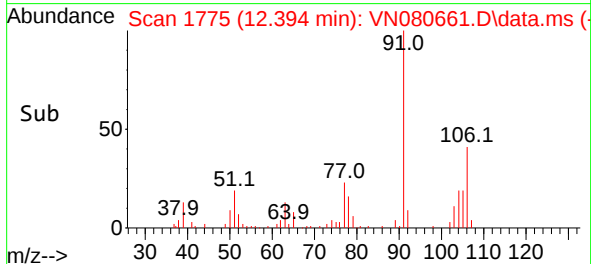
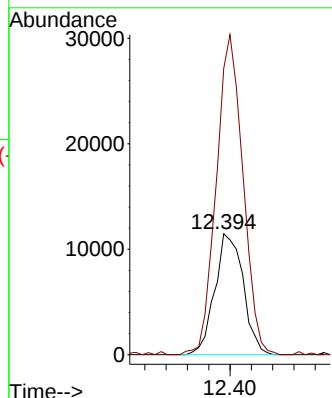
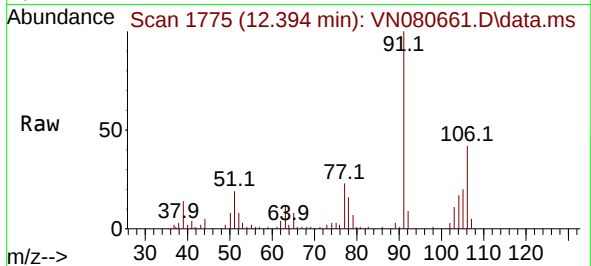
#69
o-Xylene
Concen: 4.948 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 21219
Ion Ratio Lower Upper
106 100
91 248.6 105.2 315.5

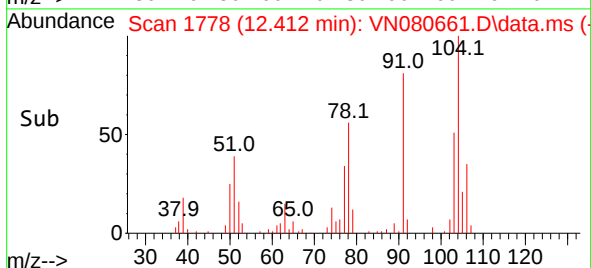
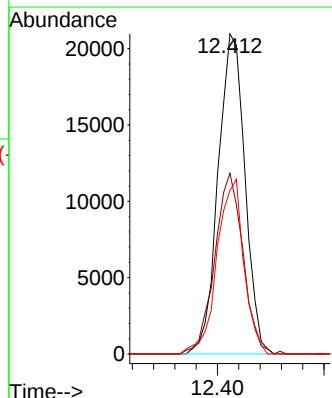
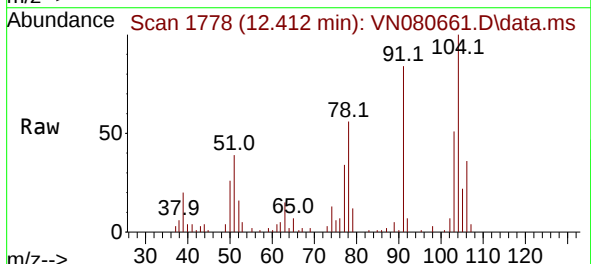
Manual Integrations
APPROVED

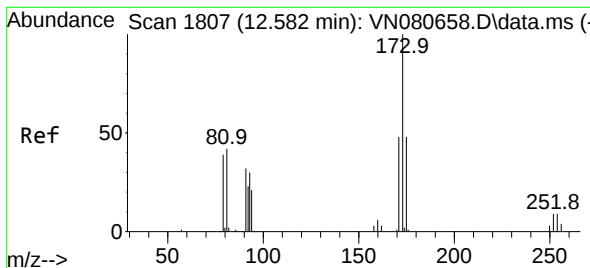
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#70
Styrene
Concen: 5.034 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:104 Resp: 36657
Ion Ratio Lower Upper
104 100
78 59.3 39.5 59.3#
103 54.7 43.2 64.8





#71

Bromoform

Concen: 4.943 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

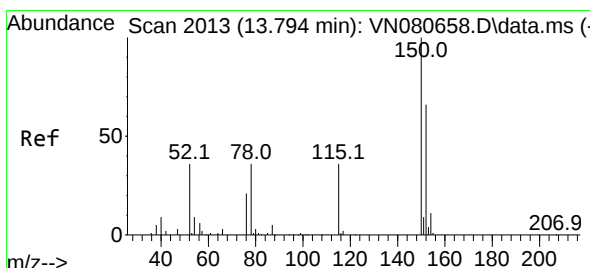
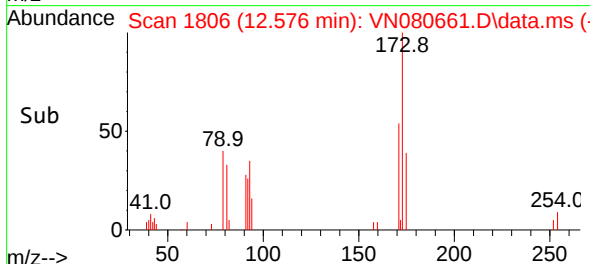
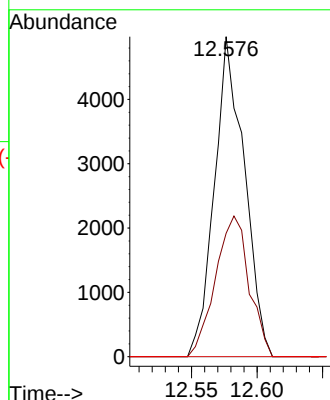
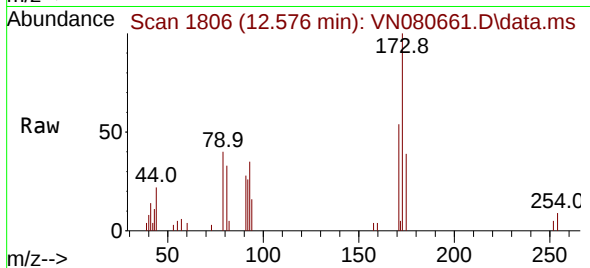
Tgt Ion:173	Resp:	788
Ion Ratio	Lower	Upper
173	100	
175	49.5	24.3 73.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

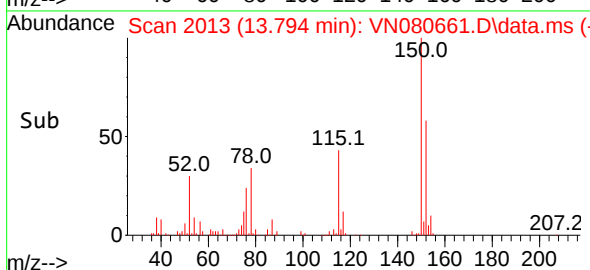
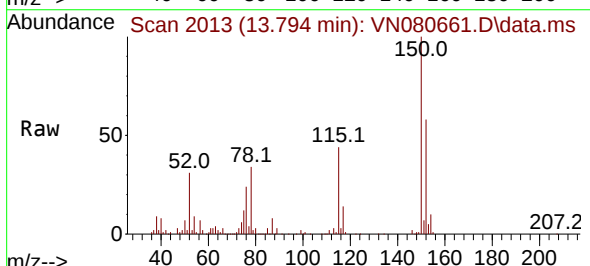
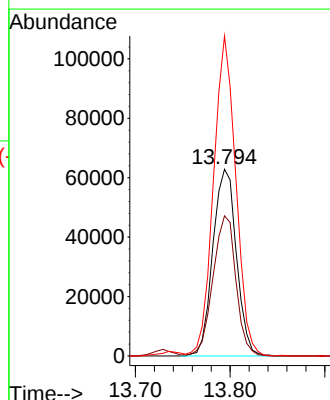
RT: 13.794 min Scan# 2013

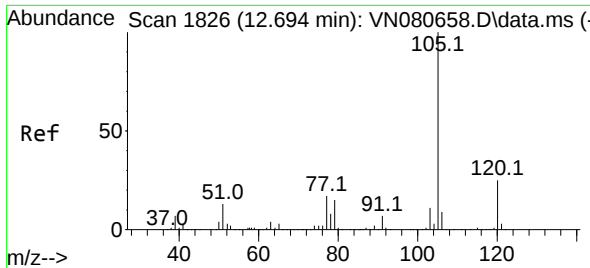
Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Tgt Ion:152	Resp:	108306
Ion Ratio	Lower	Upper
152	100	
115	73.3	32.3 96.8
150	162.5	0.0 355.8





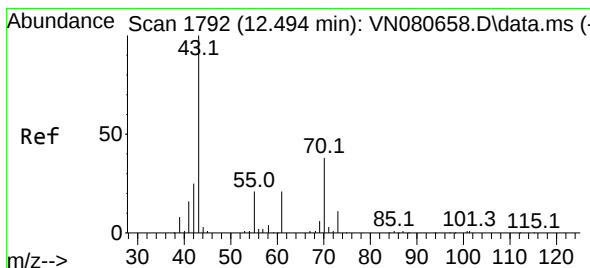
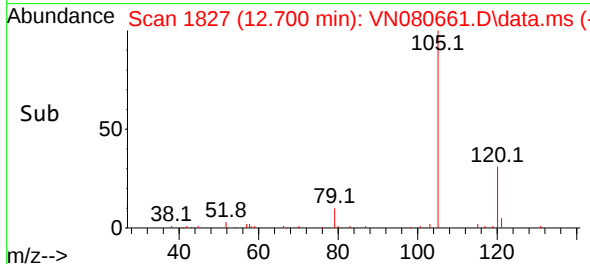
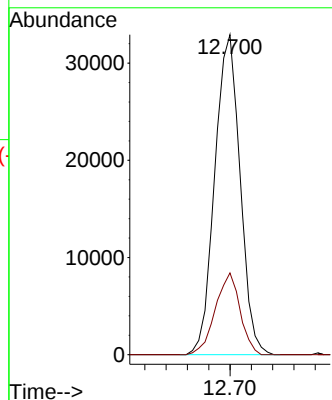
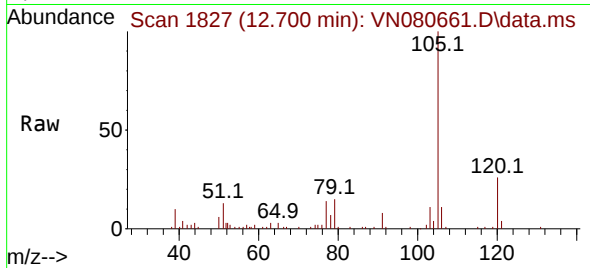
#73
Isopropylbenzene
Concen: 5.267 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 54250
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

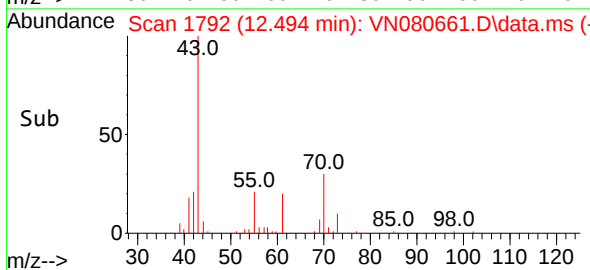
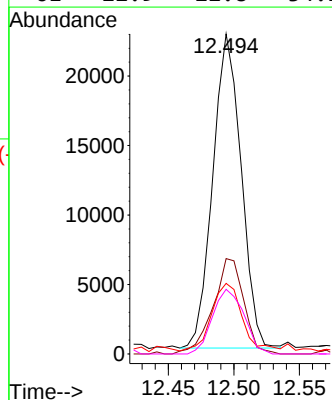
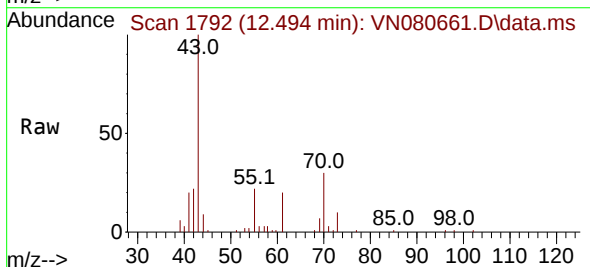
Manual Integrations
APPROVED

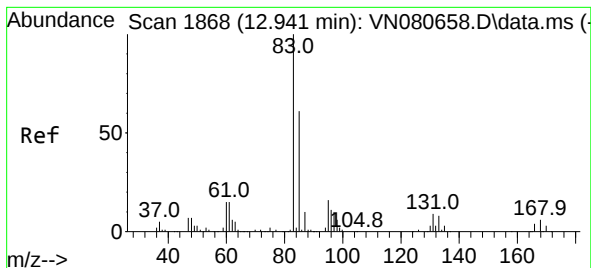
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#74
N-ethyl acetate
Concen: 5.501 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

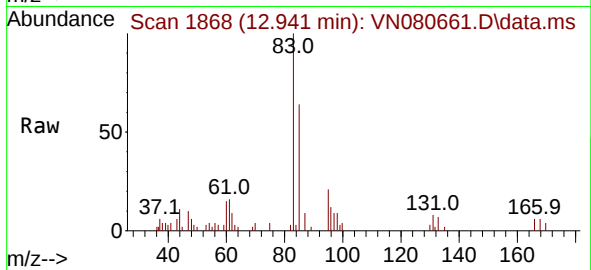
Tgt Ion: 43 Resp: 34000
Ion Ratio Lower Upper
43 100
70 32.7 43.4 65.2#
55 23.0 21.4 32.0
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.362 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

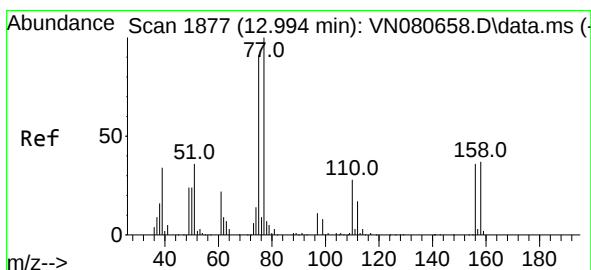
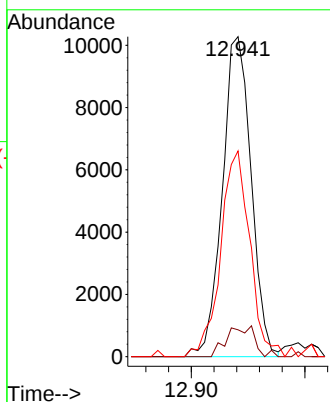
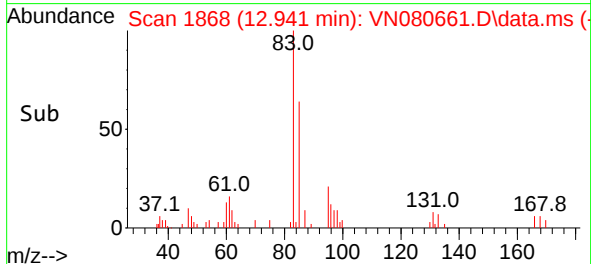
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



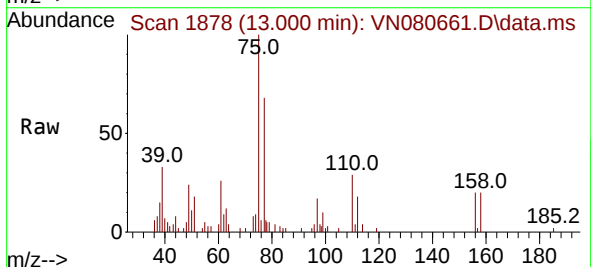
Tgt Ion: 83 Resp: 1811
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

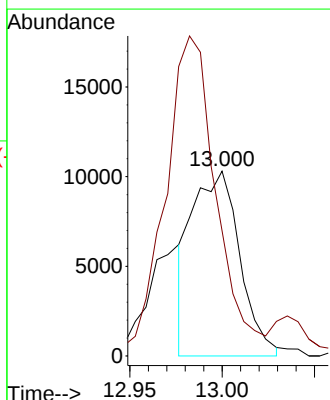
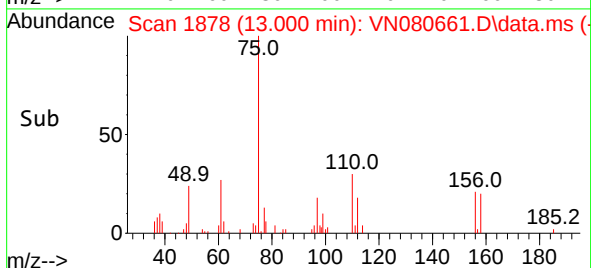
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

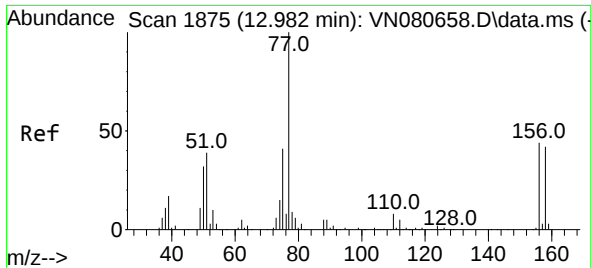


#76
1,2,3-Trichloropropane
Concen: 5.425 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



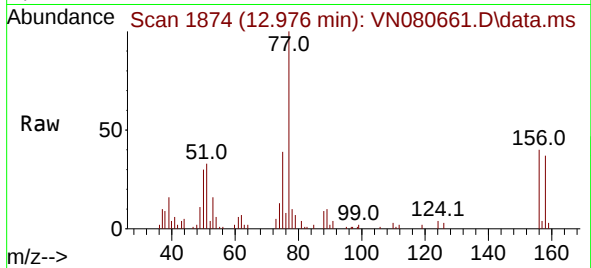
Tgt Ion: 75 Resp: 18460
Ion Ratio Lower Upper
75 100
77 186.0 84.5 253.5





#77
Bromobenzene
Concen: 5.111 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

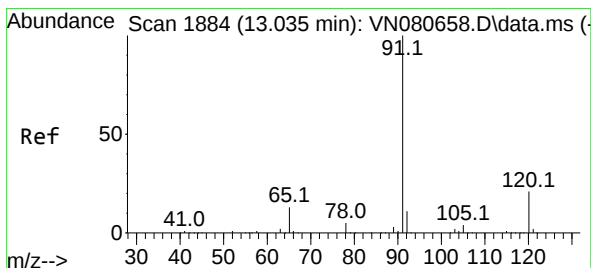
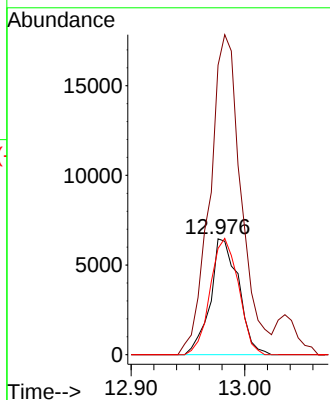
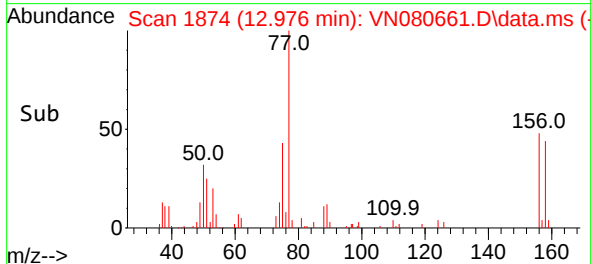
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



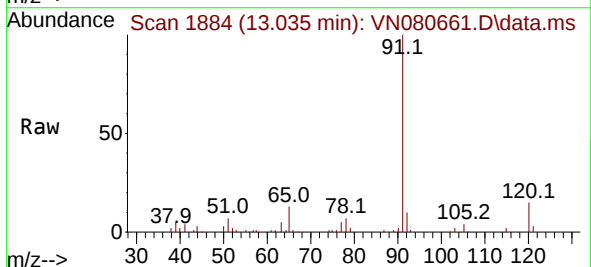
Tgt Ion:156 Resp: 1118
Ion Ratio Lower Upper
156 100
77 307.0 107.7 323.3
158 100.2 48.4 145.3

Manual Integrations
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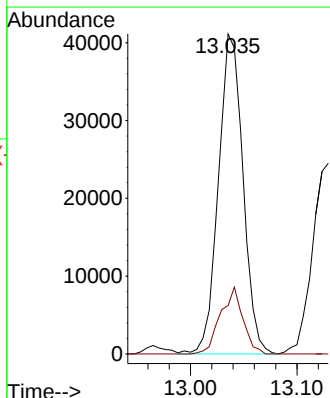
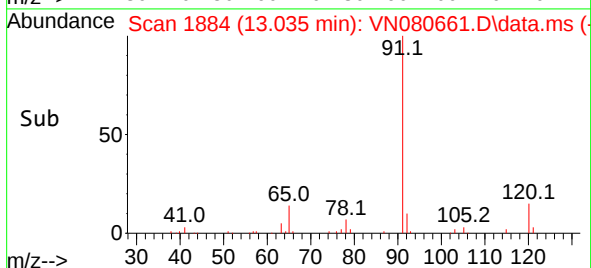
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

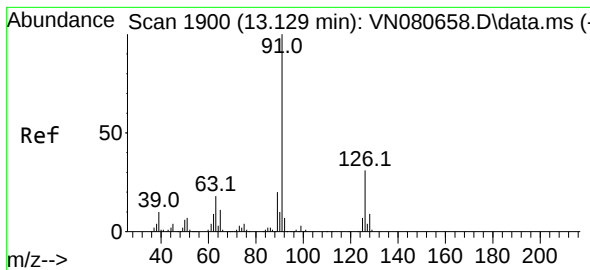


#78
n-propylbenzene
Concen: 5.212 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21



Tgt Ion: 91 Resp: 65855
Ion Ratio Lower Upper
91 100
120 19.0 11.5 34.4





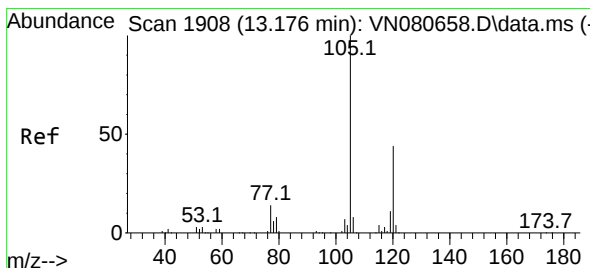
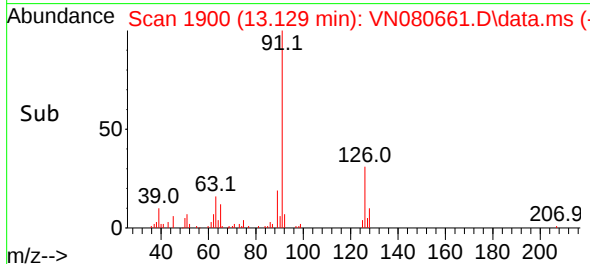
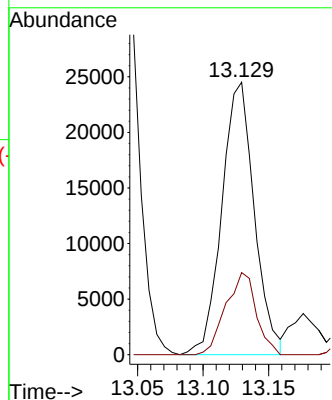
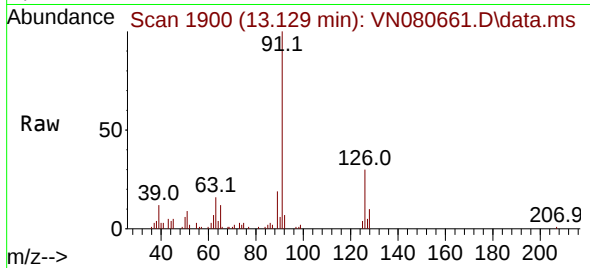
#79
2-Chlorotoluene
Concen: 5.213 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 42209
Ion Ratio Lower Upper
91 100
126 28.3 16.3 48.8

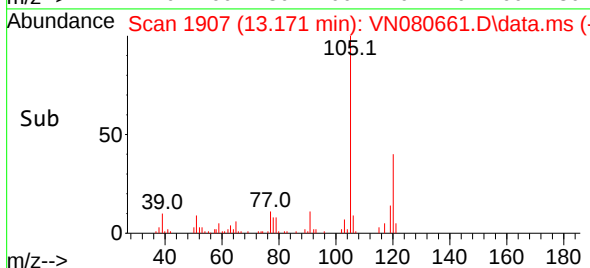
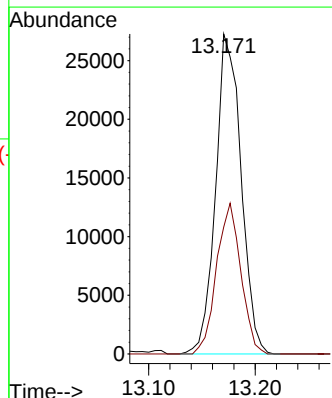
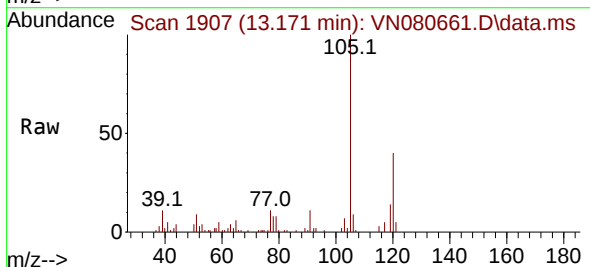
Manual Integrations
APPROVED

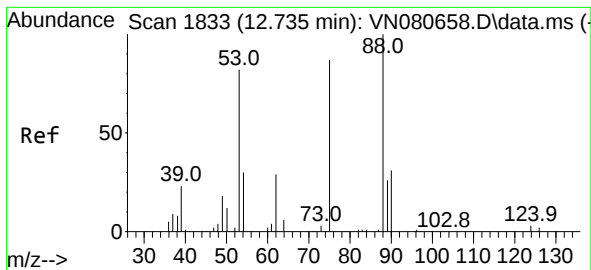
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.265 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

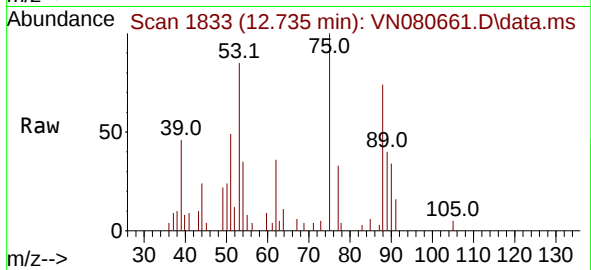
Tgt Ion:105 Resp: 45192
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.759 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

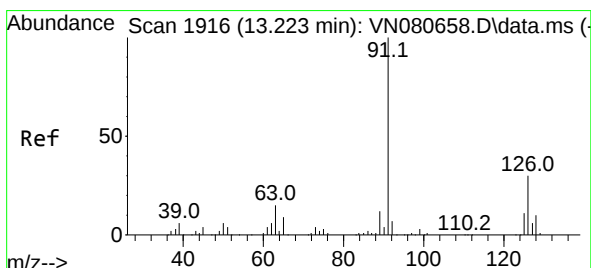
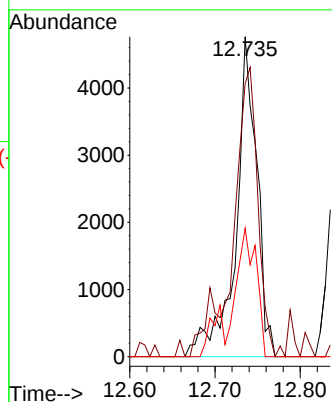
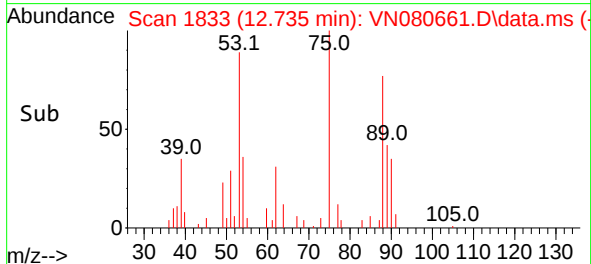
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 816
Ion Ratio Lower Upper
75 100
53 91.9 67.4 101.2
89 37.4 38.8 58.2

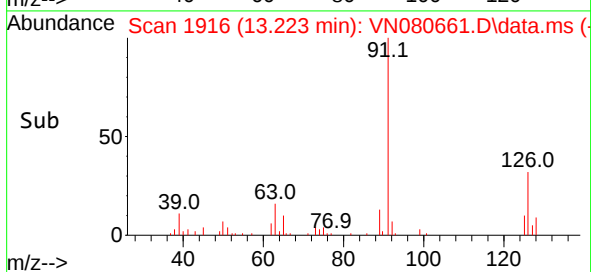
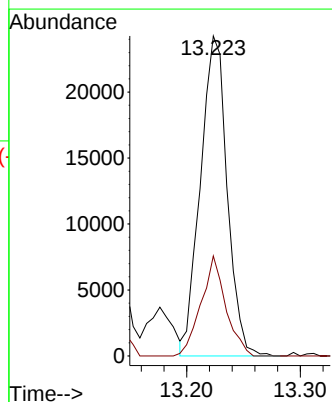
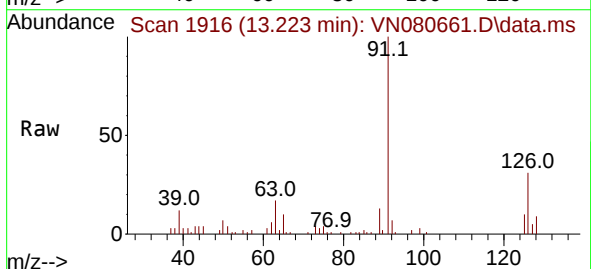
Manual Integrations
APPROVED

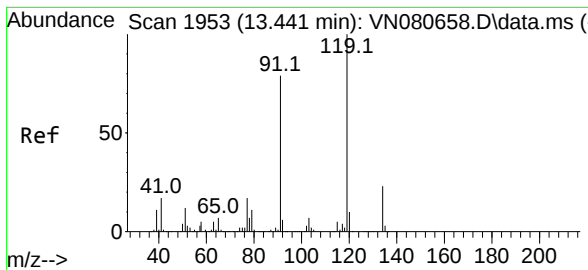
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#82
4-Chlorotoluene
Concen: 5.003 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion: 91 Resp: 39715
Ion Ratio Lower Upper
91 100
126 28.9 16.7 50.0





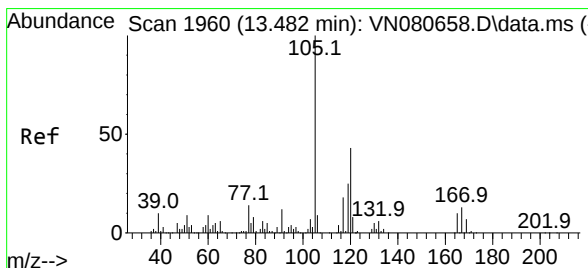
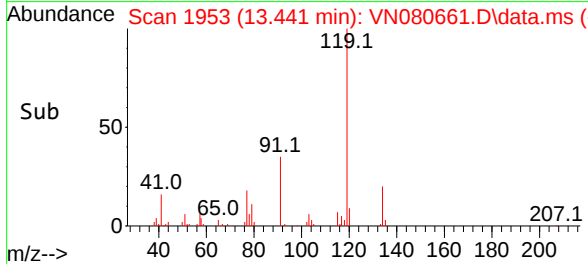
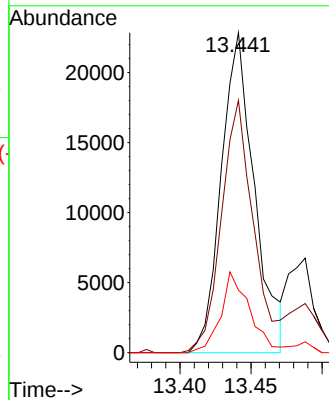
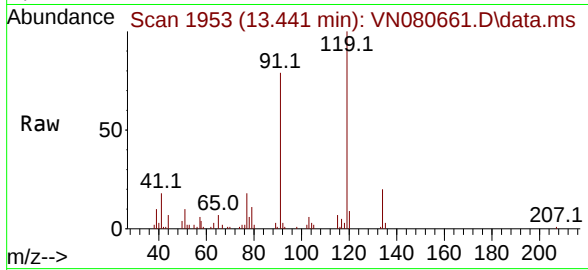
#83
tert-Butylbenzene
Concen: 5.400 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 37050
Ion Ratio Lower Upper
119 100
91 76.2 33.9 101.7
134 22.1 13.2 39.6

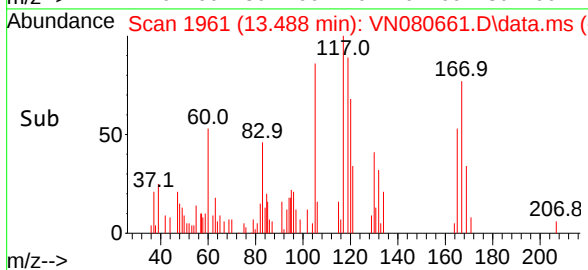
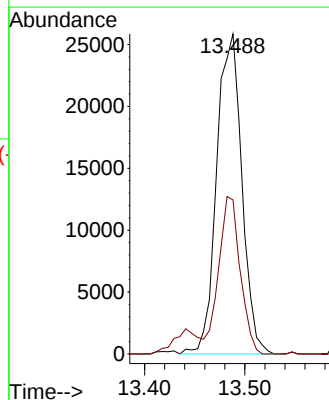
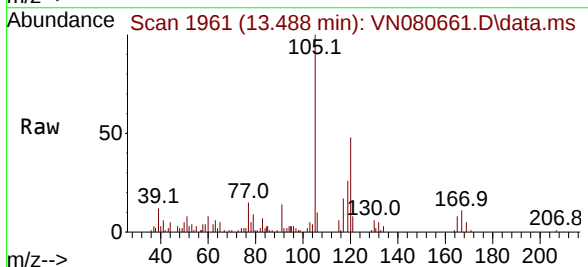
Manual Integrations
APPROVED

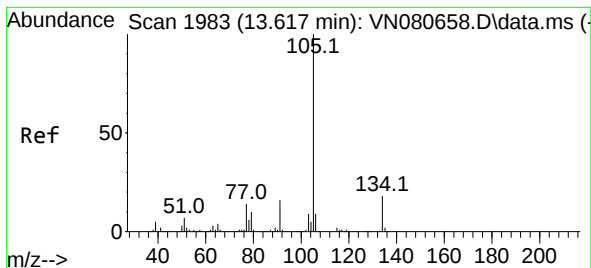
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.337 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:105 Resp: 45042
Ion Ratio Lower Upper
105 100
120 42.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 5.093 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 4965

Ion Ratio Lower Upper

105 100

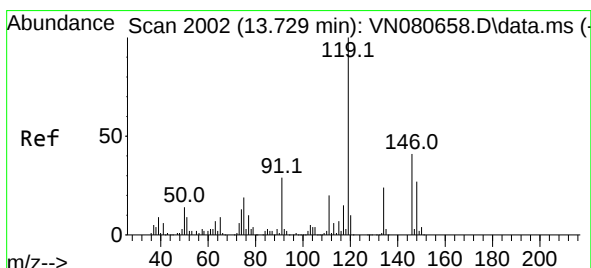
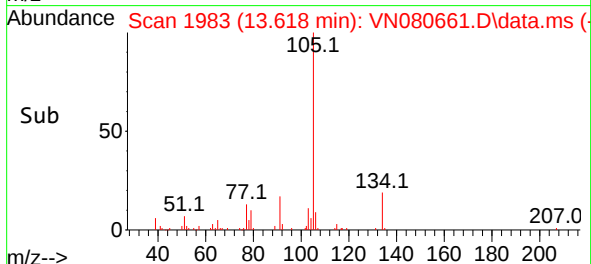
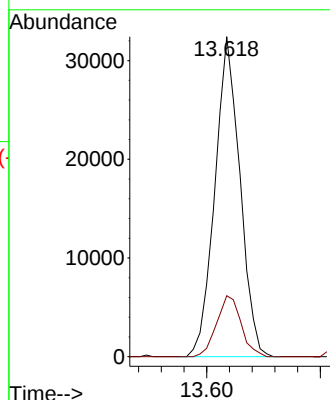
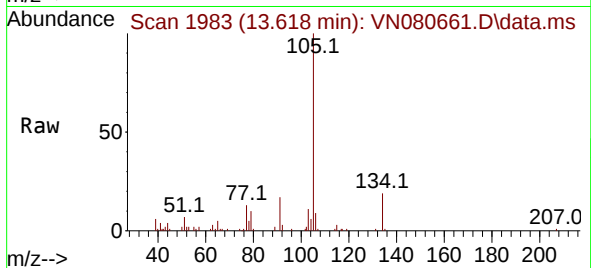
134 18.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#86

p-Isopropyltoluene

Concen: 5.079 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

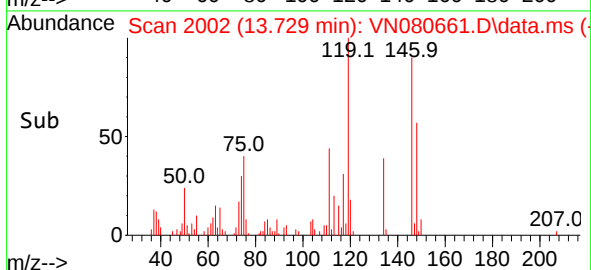
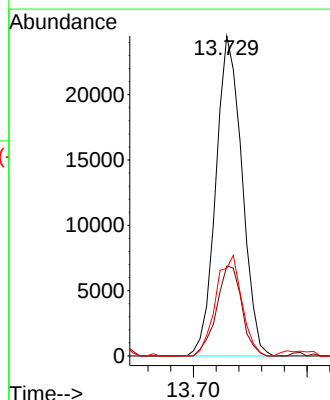
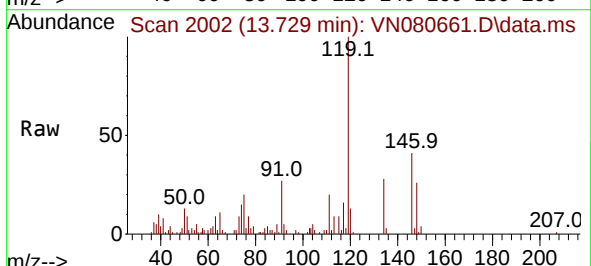
Tgt Ion:119 Resp: 39105

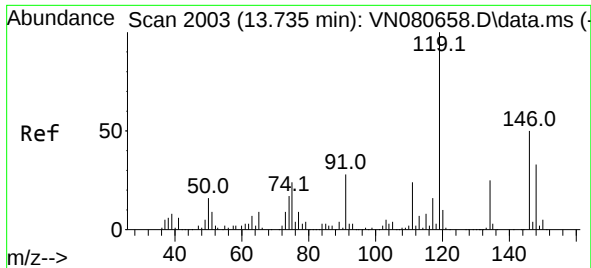
Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 31.2 12.4 37.2





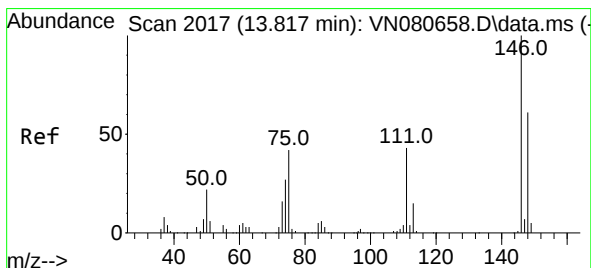
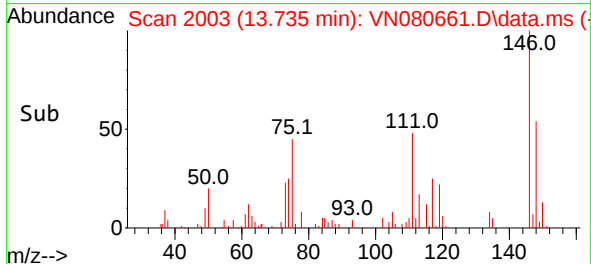
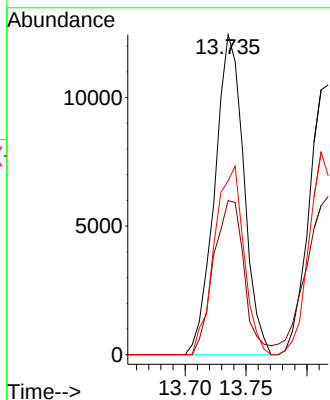
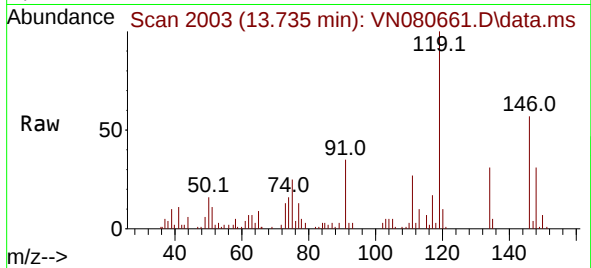
#87
 1,3-Dichlorobenzene
 Concen: 5.298 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080661.D
 Acq: 10 Jan 2024 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 2070
 Ion Ratio Lower Upper
 146 100
 111 50.7 22.1 66.3
 148 59.5 32.0 96.0

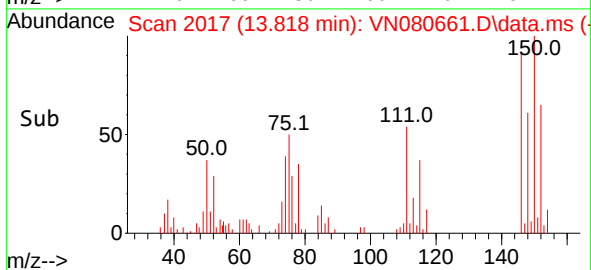
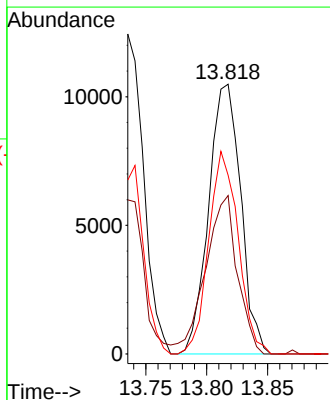
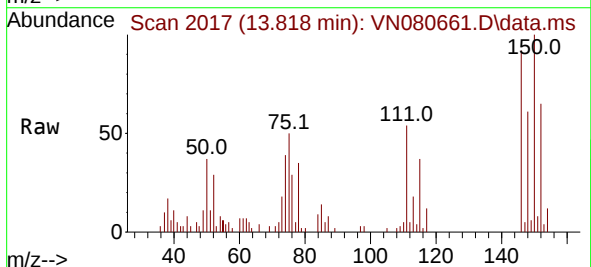
Manual Integrations
 APPROVED

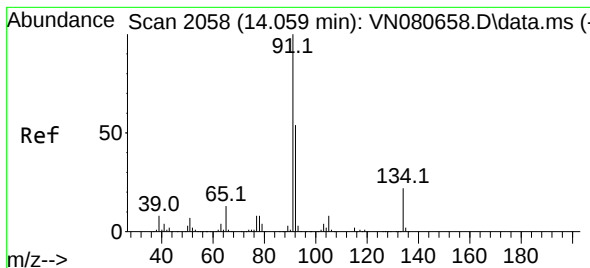
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#88
 1,4-Dichlorobenzene
 Concen: 4.835 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN080661.D
 Acq: 10 Jan 2024 14:21

Tgt Ion:146 Resp: 19245
 Ion Ratio Lower Upper
 146 100
 111 58.5 20.6 61.8
 148 69.1 31.6 94.8





#89

n-Butylbenzene

Concen: 5.198 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

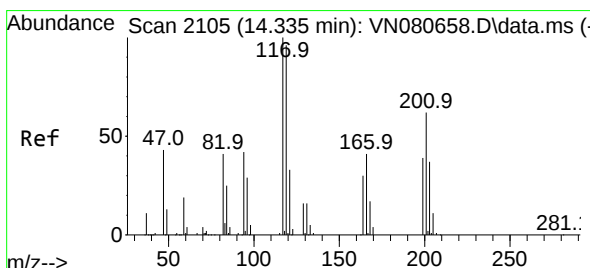
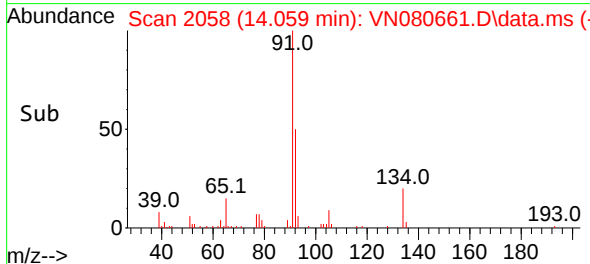
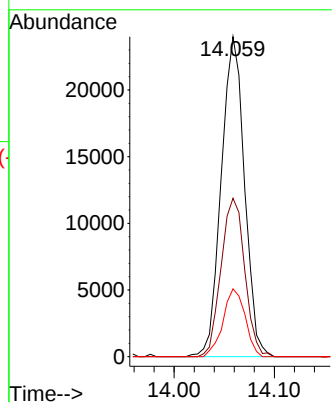
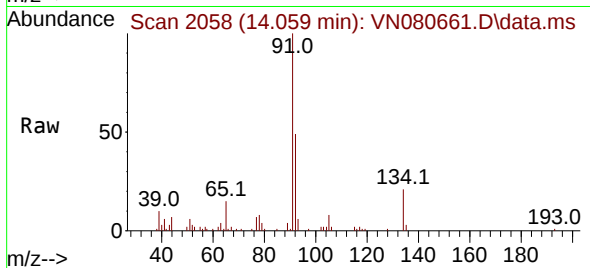
Tgt Ion:	91	Resp:	38580
Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.4	79.0
134	20.2	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#90

Hexachloroethane

Concen: 5.126 ug/l

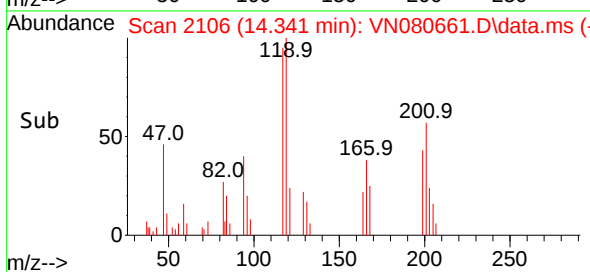
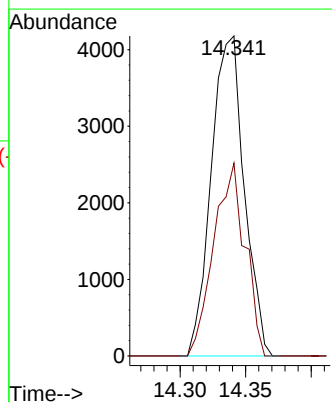
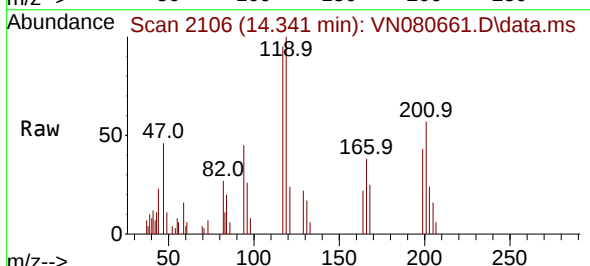
RT: 14.341 min Scan# 2106

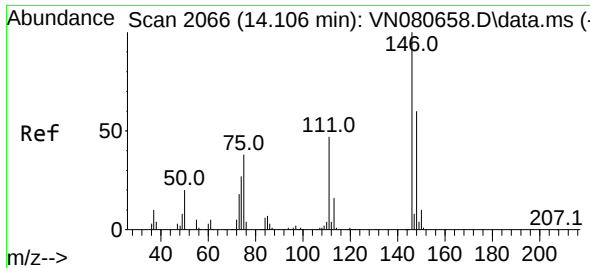
Delta R.T. 0.006 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Tgt Ion:	117	Resp:	7320
Ion	Ratio	Lower	Upper
117	100		
201	57.1	29.3	88.0





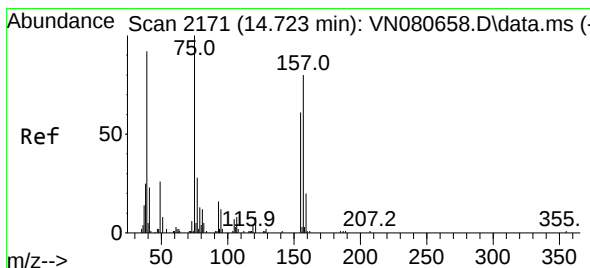
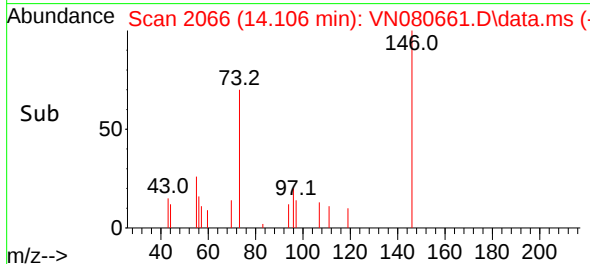
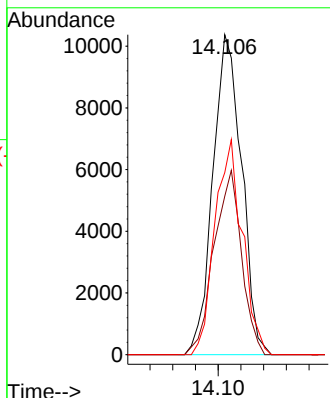
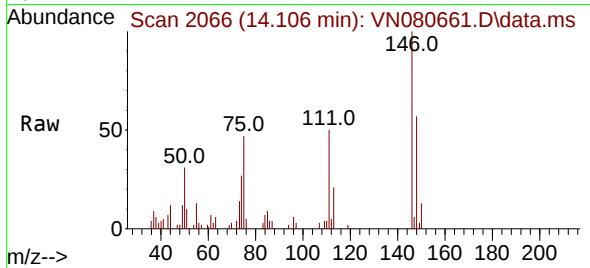
#91
1,2-Dichlorobenzene
Concen: 4.947 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1821
Ion Ratio Lower Upper
146 100
111 55.3 22.0 66.0
148 64.3 31.8 95.3

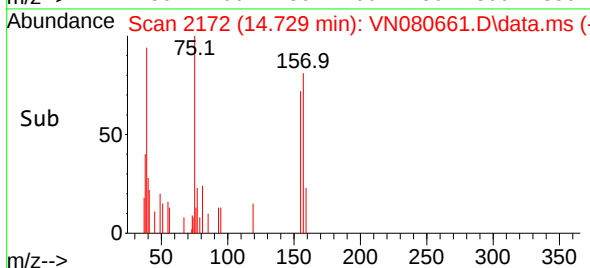
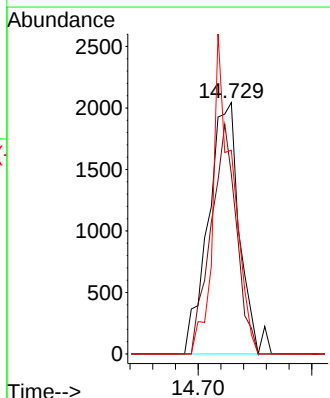
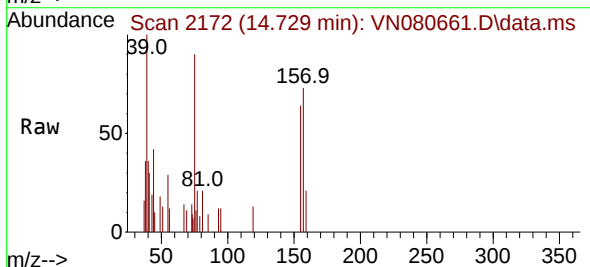
Manual Integrations
APPROVED

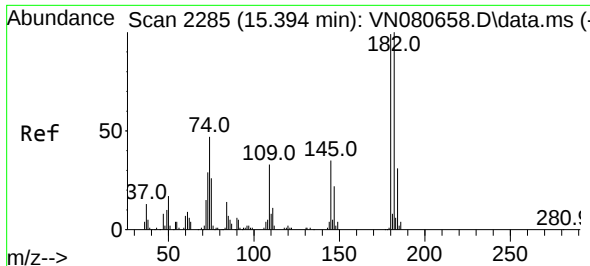
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.699 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

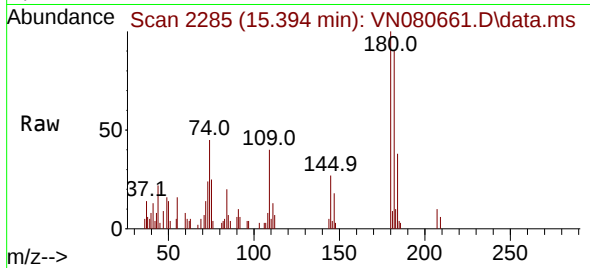
Tgt Ion: 75 Resp: 3895
Ion Ratio Lower Upper
75 100
155 74.9 39.1 117.2
157 80.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 5.299 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

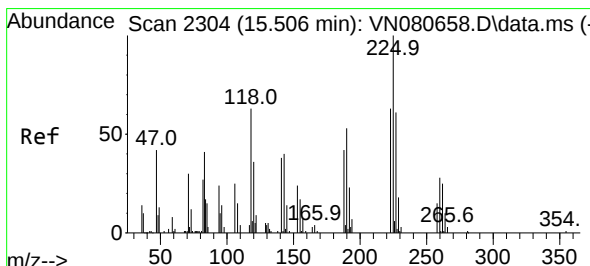
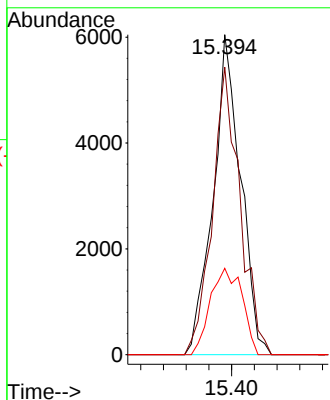
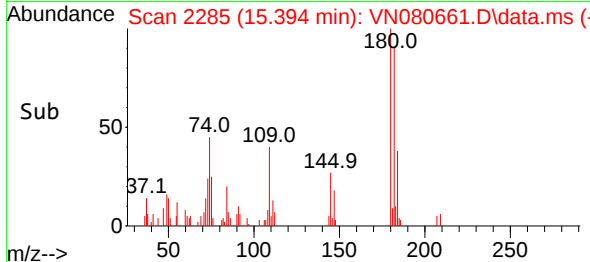
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 10160
Ion Ratio Lower Upper
180 100
182 90.2 46.1 138.2
145 31.2 16.6 49.8

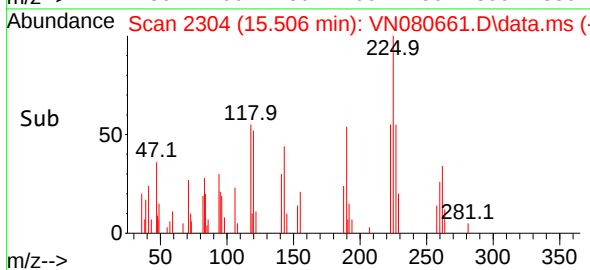
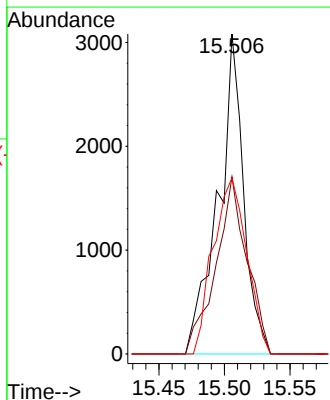
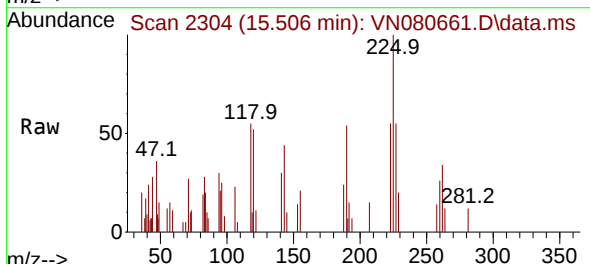
Manual Integrations
APPROVED

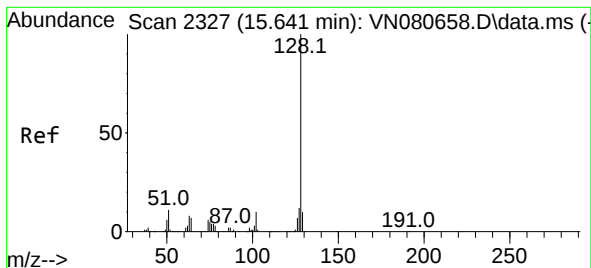
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#94
Hexachlorobutadiene
Concen: 4.505 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080661.D
Acq: 10 Jan 2024 14:21

Tgt Ion:225 Resp: 4146
Ion Ratio Lower Upper
225 100
223 67.8 31.3 93.8
227 73.0 31.9 95.9





#95

Naphthalene

Concen: 4.982 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:128 Resp: 3759

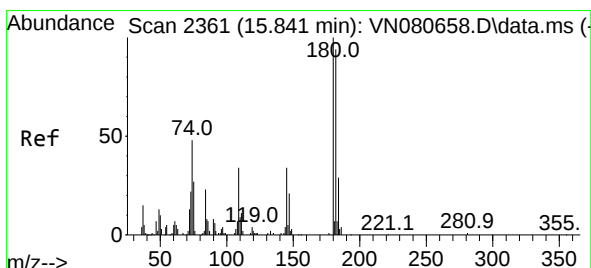
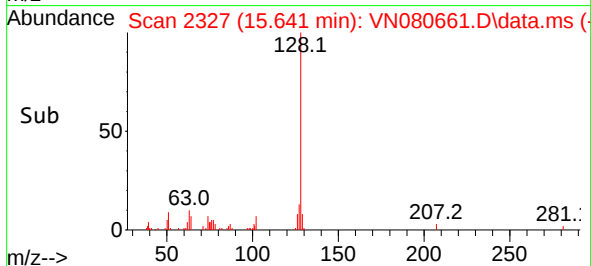
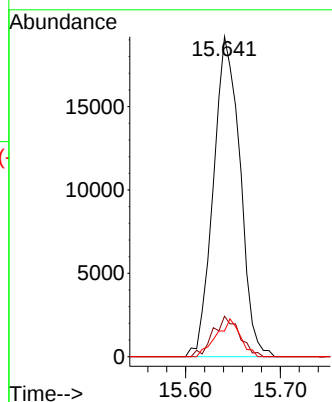
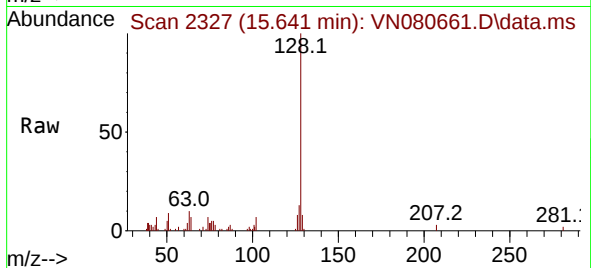
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.700 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080661.D

Acq: 10 Jan 2024 14:21

Tgt Ion:180 Resp: 8723

Ion	Ratio	Lower	Upper
180	100		
182	107.4	46.2	138.6
145	40.4	17.5	52.6

