

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081845.D
 Acq On : 25 Apr 2024 12:07
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 26 04:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 04:43:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	236306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	438181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373562	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	21951	5.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.000%	#	
35) Dibromofluoromethane	8.171	113	15336	5.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.620%	#	
50) Toluene-d8	10.565	98	55792	5.385	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.760%	#	
62) 4-Bromofluorobenzene	12.847	95	22674	5.536	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	11.080%	#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	15793	4.761	ug/l	93
3) Chloromethane	2.359	50	16781	4.849	ug/l	93
4) Vinyl Chloride	2.512	62	16172	5.163	ug/l	95
5) Bromomethane	2.953	94	10369	2.982	ug/l	# 69
6) Chloroethane	3.124	64	8041	5.079	ug/l	89
7) Trichlorofluoromethane	3.495	101	23143	4.776	ug/l	98
8) Diethyl Ether	3.953	74	10893	5.292	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	14163	5.034	ug/l	93
10) Methyl Iodide	4.589	142	10744	4.360	ug/l	93
11) Tert butyl alcohol	5.518	59	17857	24.630	ug/l	# 92
12) 1,1-Dichloroethene	4.342	96	14213	4.966	ug/l	94
13) Acrolein	4.177	56	19612	28.182	ug/l	98
14) Allyl chloride	5.030	41	28677	4.737	ug/l	# 83
15) Acrylonitrile	5.724	53	44512	25.568	ug/l	96
16) Acetone	4.436	43	30281	20.700	ug/l	92
17) Carbon Disulfide	4.706	76	44160	5.133	ug/l	# 93
18) Methyl Acetate	5.030	43	19996	4.950	ug/l	# 68
19) Methyl tert-butyl Ether	5.800	73	52965	4.904	ug/l	98
20) Methylene Chloride	5.271	84	17307	5.064	ug/l	# 88
21) trans-1,2-Dichloroethene	5.789	96	16669	5.342	ug/l	84
22) Diisopropyl ether	6.665	45	58442	4.989	ug/l	# 88
23) Vinyl Acetate	6.606	43	235795	24.772	ug/l	94
24) 1,1-Dichloroethane	6.565	63	29842	4.894	ug/l	96
25) 2-Butanone	7.483	43	55799	24.650	ug/l	91
26) 2,2-Dichloropropane	7.488	77	27797	4.956	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	18266	5.009	ug/l	84
28) Bromochloromethane	7.812	49	16069	5.545	ug/l	# 74
29) Tetrahydrofuran	7.836	42	38157	23.506	ug/l	92
30) Chloroform	7.965	83	29975	4.960	ug/l	90
31) Cyclohexane	8.259	56	35719	5.945	ug/l	# 70
32) 1,1,1-Trichloroethane	8.171	97	27641	5.128	ug/l	# 52
36) 1,1-Dichloropropene	8.365	75	22063	5.140	ug/l	99
37) Ethyl Acetate	7.559	43	25219	5.434	ug/l	# 96
38) Carbon Tetrachloride	8.365	117	21391	5.099	ug/l	95
39) Methylcyclohexane	9.600	83	26365	5.058	ug/l	90
40) Benzene	8.606	78	64941	5.040	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 04:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 04:43:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	14788	4.994	ug/l #	87
42) 1,2-Dichloroethane	8.665	62	24514	5.124	ug/l	98
43) Isopropyl Acetate	8.683	43	43754	5.014	ug/l	95
44) Trichloroethene	9.353	130	15484	5.212	ug/l	99
45) 1,2-Dichloropropane	9.618	63	16788	4.979	ug/l #	88
46) Dibromomethane	9.712	93	11673	5.008	ug/l	89
47) Bromodichloromethane	9.894	83	25786	5.246	ug/l	87
48) Methyl methacrylate	9.682	41	20713	4.972	ug/l	87
49) 1,4-Dioxane	9.706	88	6491	102.524	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	127182	25.892	ug/l	91
52) Toluene	10.629	92	39747	5.151	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	27490	5.140	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	28003	5.080	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	15386	5.070	ug/l #	90
56) Ethyl methacrylate	10.871	69	28272	4.893	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	28286	5.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	70922	26.942	ug/l	90
59) 2-Hexanone	11.200	43	94502	25.851	ug/l	92
60) Dibromochloromethane	11.365	129	16113	5.013	ug/l	96
61) 1,2-Dibromoethane	11.471	107	14497	4.996	ug/l	91
64) Tetrachloroethene	11.100	164	14660	5.403	ug/l	86
65) Chlorobenzene	11.894	112	41541	5.092	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	13879	5.235	ug/l	95
67) Ethyl Benzene	11.965	91	78486	5.173	ug/l	98
68) m/p-Xylenes	12.076	106	54008	9.980	ug/l	86
69) o-Xylene	12.400	106	28204	5.338	ug/l	95
70) Styrene	12.412	104	45281	4.954	ug/l	94
71) Bromoform	12.576	173	10644	5.107	ug/l #	95
73) Isopropylbenzene	12.694	105	69155	5.066	ug/l	98
74) N-amyl acetate	12.494	43	40632	5.346	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	21468	5.237	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	20000m	5.013	ug/l	
77) Bromobenzene	12.982	156	14866	5.204	ug/l	70
78) n-propylbenzene	13.035	91	84513	5.096	ug/l	94
79) 2-Chlorotoluene	13.123	91	52756	5.000	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	57850	5.008	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	10467	5.387	ug/l	99
82) 4-Chlorotoluene	13.223	91	50619	4.942	ug/l	92
83) tert-Butylbenzene	13.441	119	49099	5.104	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	57965	5.024	ug/l	98
85) sec-Butylbenzene	13.618	105	66688	4.921	ug/l	97
86) p-Isopropyltoluene	13.729	119	53757	4.940	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	27539	5.166	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	27233	5.188	ug/l	88
89) n-Butylbenzene	14.059	91	49845	4.921	ug/l	98
90) Hexachloroethane	14.335	117	11159	5.213	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	26205	5.128	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4791	4.800	ug/l	77
93) 1,2,4-Trichlorobenzene	15.400	180	13977	4.889	ug/l	97
94) Hexachlorobutadiene	15.500	225	5473	5.194	ug/l	95
95) Naphthalene	15.641	128	53247	4.929	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	13652	4.974	ug/l	94

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

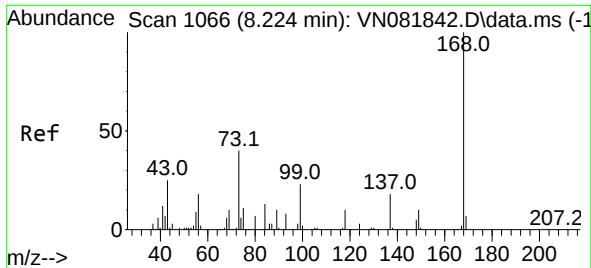
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 04:59:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 04:43:00 2024
Response via : Initial Calibration

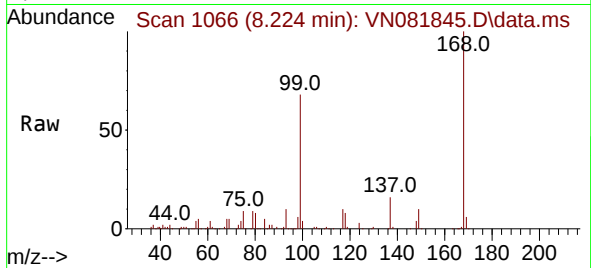
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081845.D
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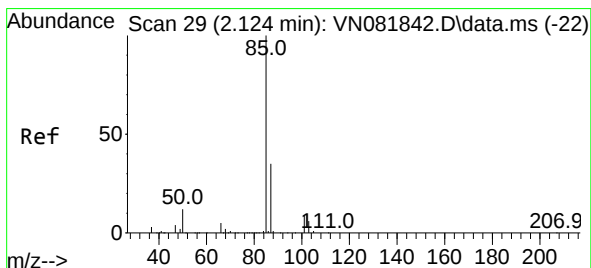
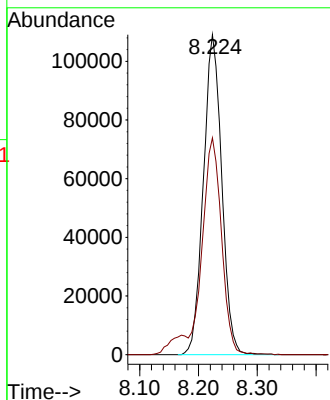
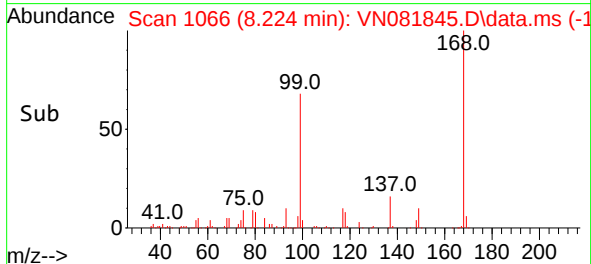
Instrument :
MSVOA_N
ClientSampleId :
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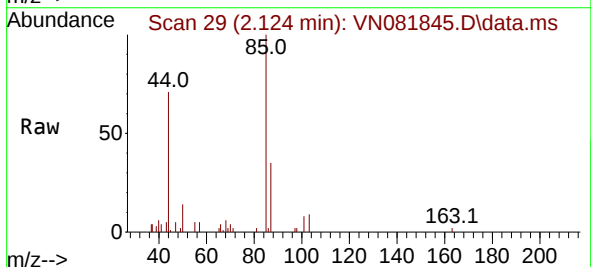
Tgt Ion:168 Resp: 236300
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.4

Manual Integrations
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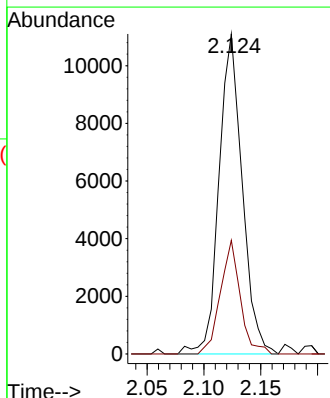
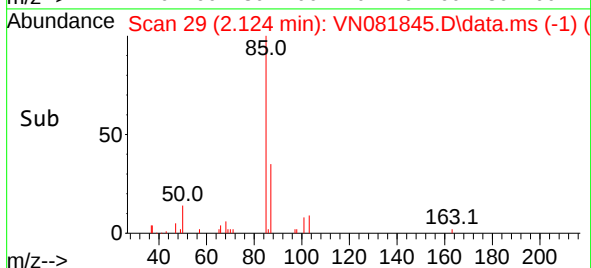
Reviewed By :John Carlone 04/26/2024
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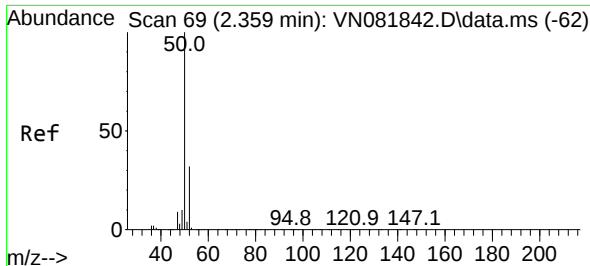


#2
Dichlorodifluoromethane
Concen: 4.761 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



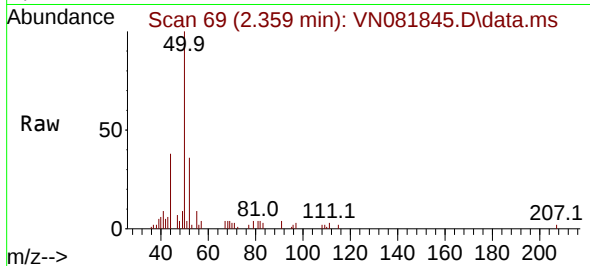
Tgt Ion: 85 Resp: 15793
Ion Ratio Lower Upper
85 100
87 35.5 15.8 47.4





#3
Chloromethane
Concen: 4.849 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

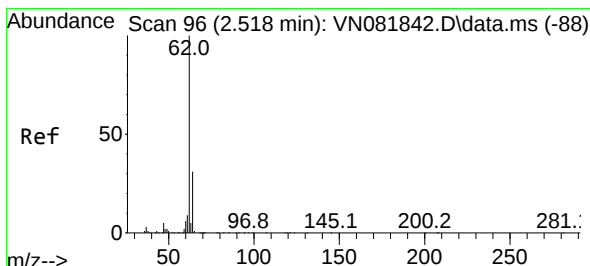
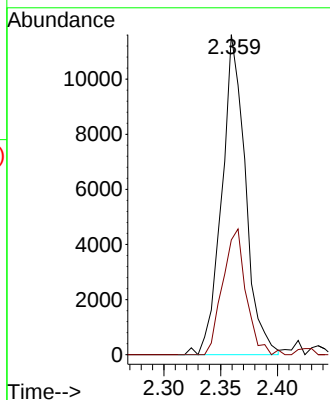
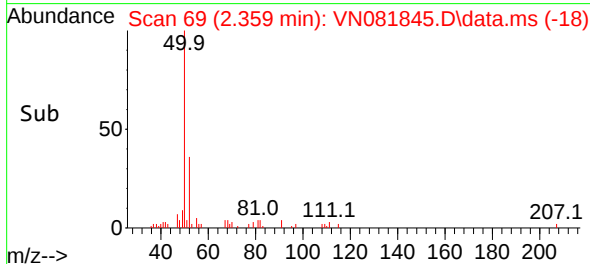
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



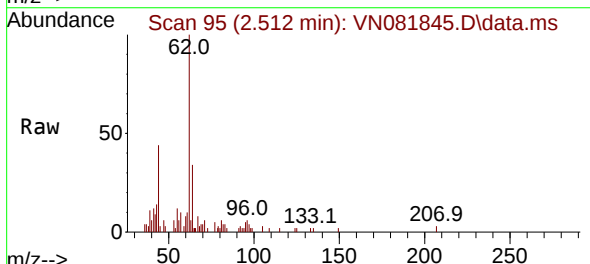
Tgt Ion: 50 Resp: 1678
Ion Ratio Lower Upper
50 100
52 35.8 25.5 38.3

Manual Integrations
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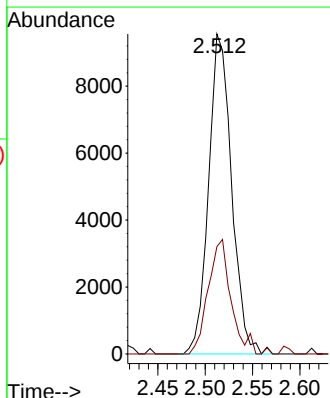
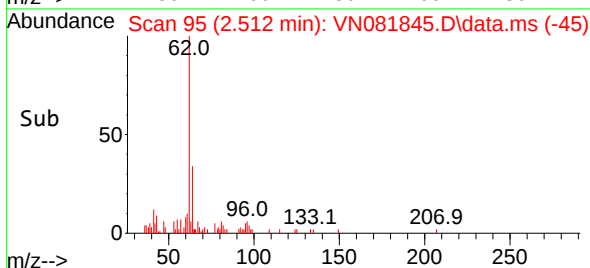
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

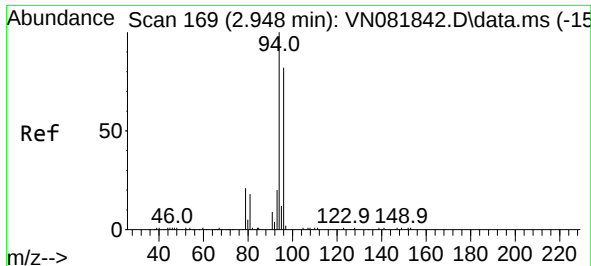


#4
Vinyl Chloride
Concen: 5.163 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



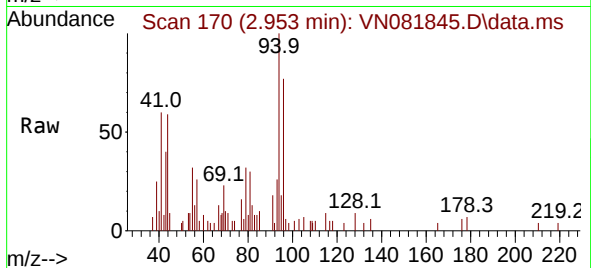
Tgt Ion: 62 Resp: 16172
Ion Ratio Lower Upper
62 100
64 33.5 24.6 37.0





#5
Bromomethane
Concen: 2.982 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

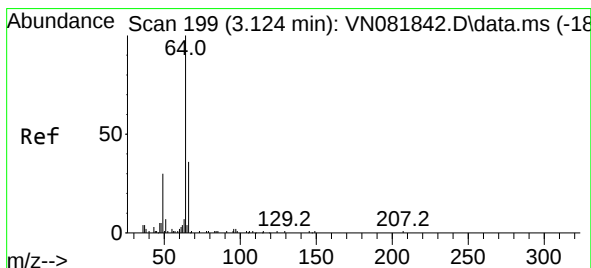
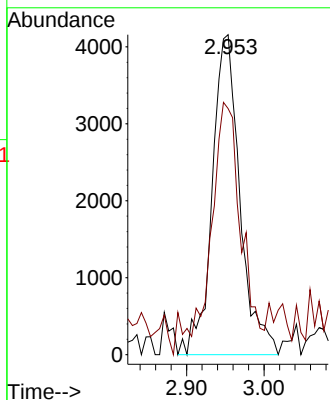
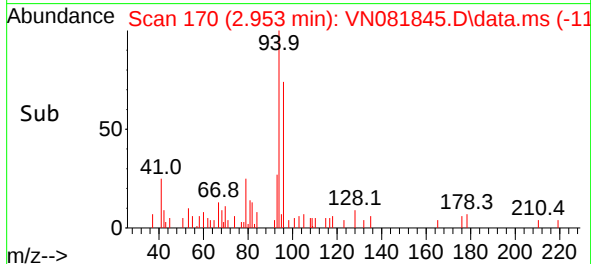
Instrument :
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VSTDICC005



Tgt Ion: 94 Resp: 10369
Ion Ratio Lower Upper
94 100
96 63.7 74.8 112.2

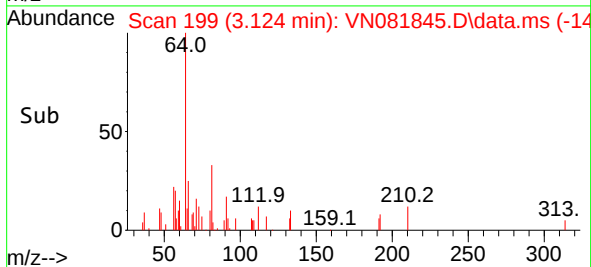
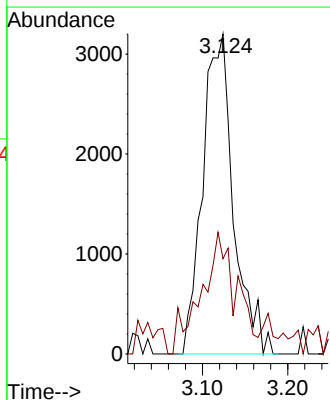
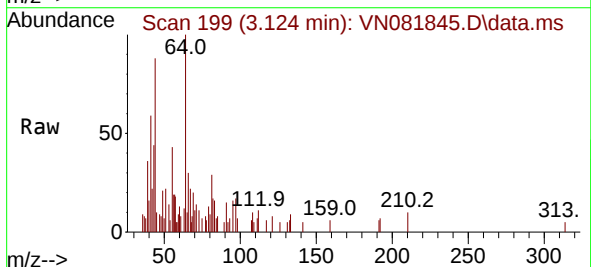
Manual Integrations
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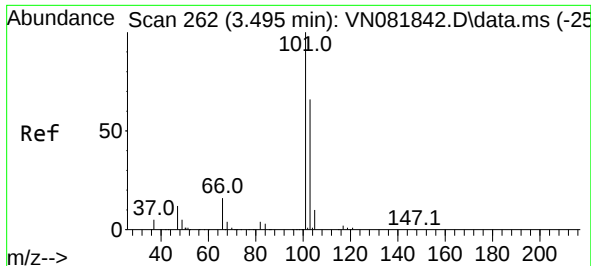
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#6
Chloroethane
Concen: 5.079 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion: 64 Resp: 8041
Ion Ratio Lower Upper
64 100
66 25.0 24.7 37.1





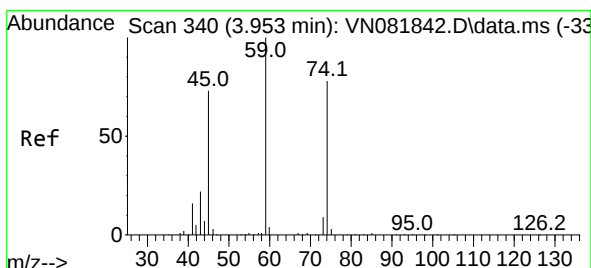
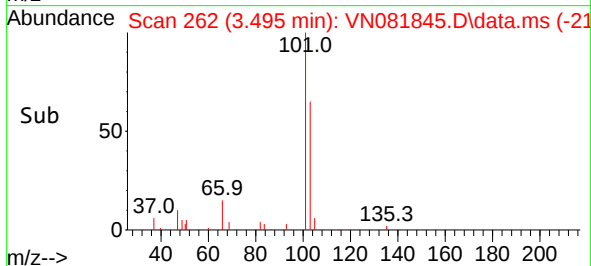
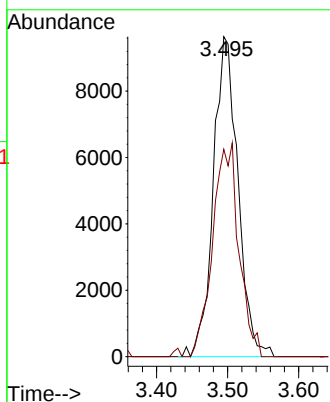
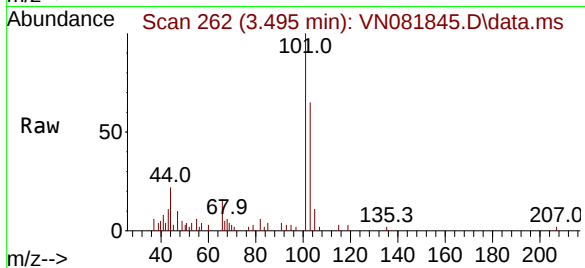
#7
 Trichlorofluoromethane
 Concen: 4.776 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN081845.D
 Acq: 25 Apr 2024 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 2314
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 75.8

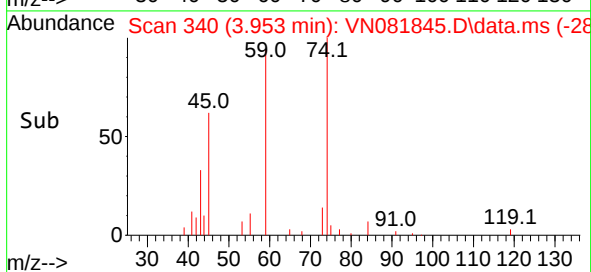
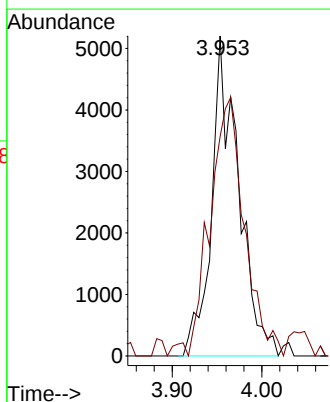
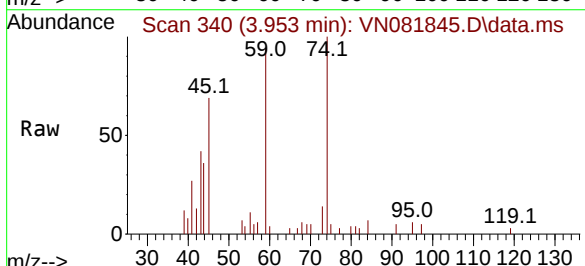
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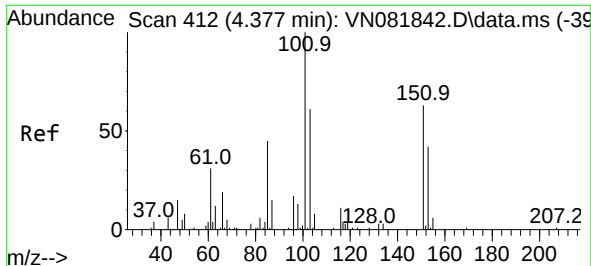
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#8
 Diethyl Ether
 Concen: 5.292 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN081845.D
 Acq: 25 Apr 2024 12:07

Tgt Ion: 74 Resp: 10893
 Ion Ratio Lower Upper
 74 100
 45 103.3 42.4 127.3





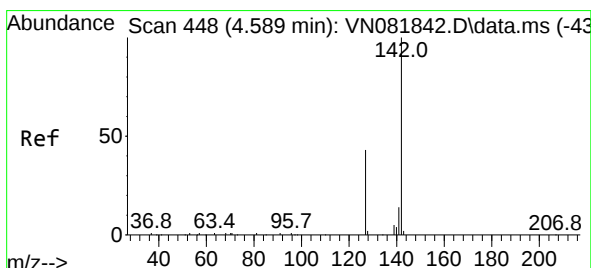
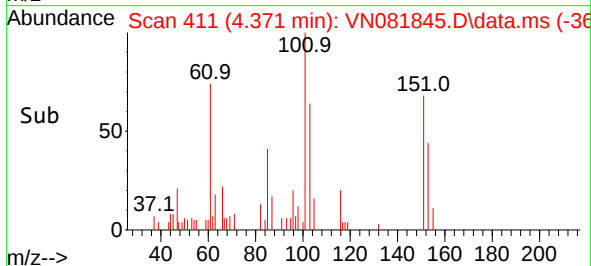
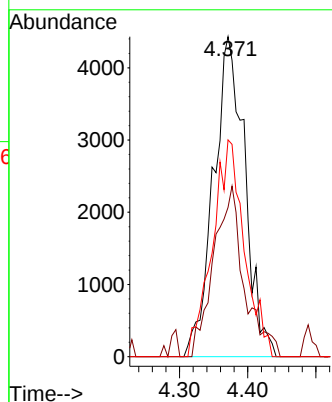
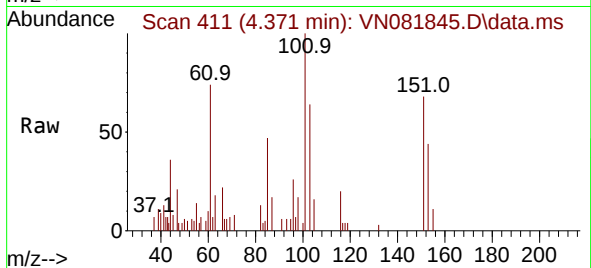
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.034 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1416
Ion Ratio Lower Upper
101 100
85 51.8 37.3 55.9
151 68.9 59.2 88.8

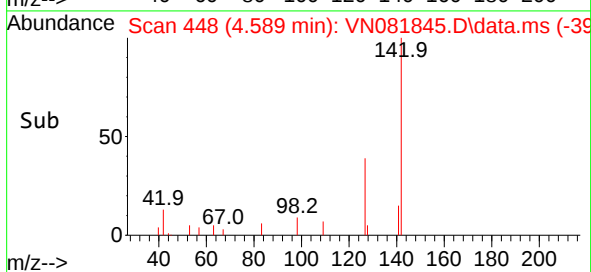
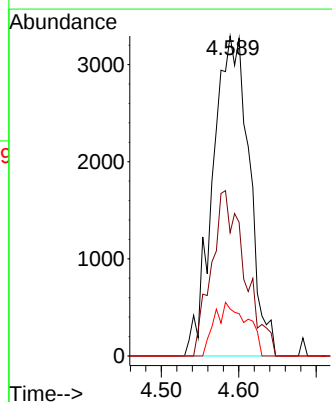
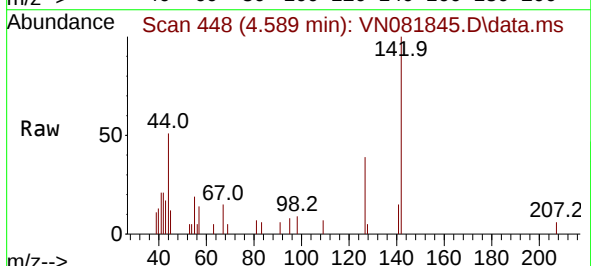
Manual Integrations
APPROVED

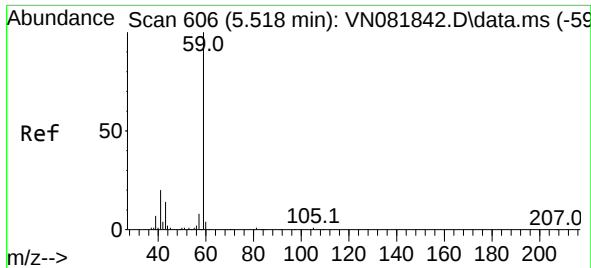
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#10
Methyl Iodide
Concen: 4.360 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

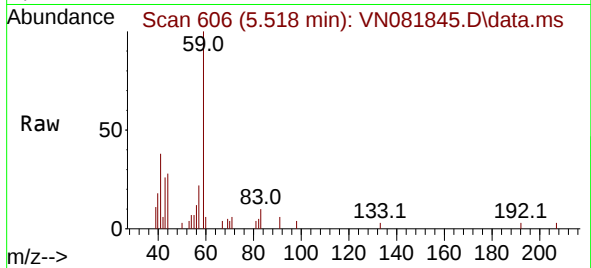
Tgt Ion:142 Resp: 10744
Ion Ratio Lower Upper
142 100
127 38.6 35.8 53.6
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 24.630 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

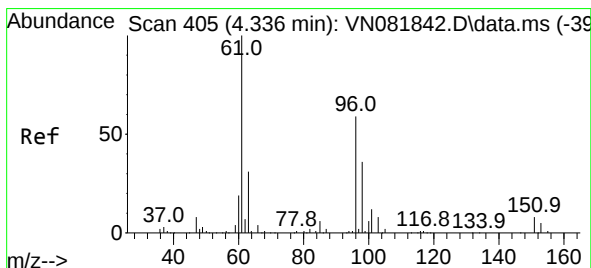
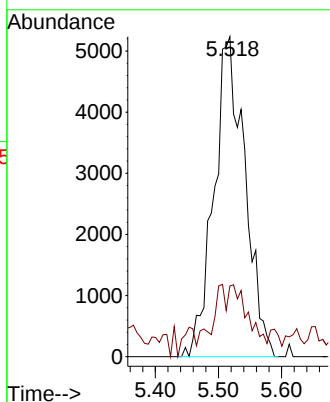
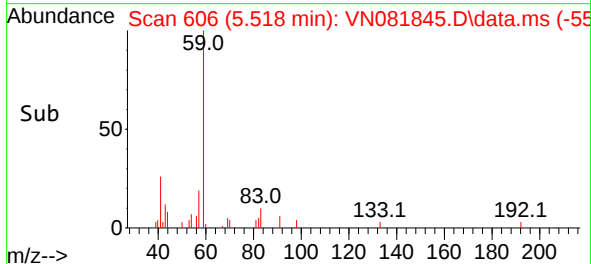
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



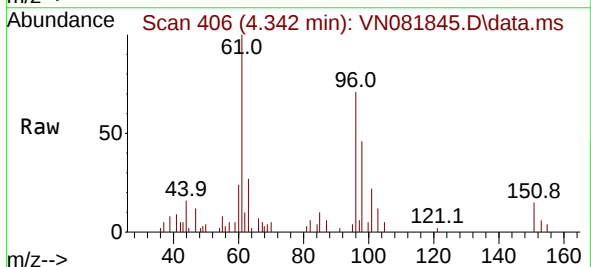
Tgt Ion: 59 Resp: 1785
Ion Ratio Lower Upper
59 100
57 7.9 8.9 13.3

Manual Integrations
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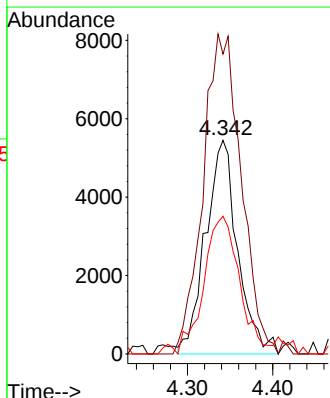
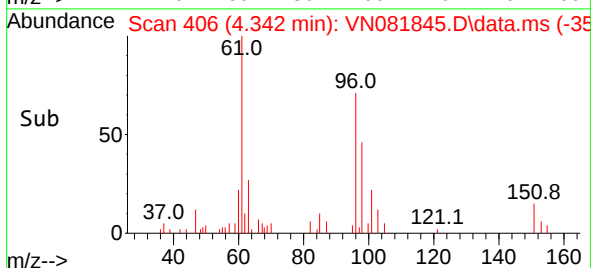
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

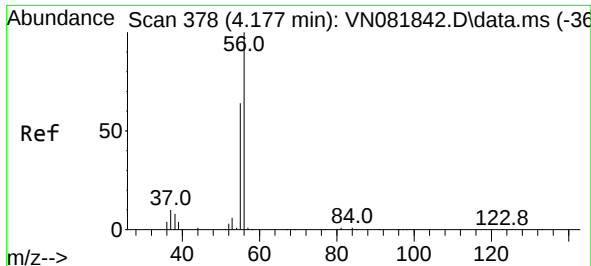


#12
1,1-Dichloroethene
Concen: 4.966 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



Tgt Ion: 96 Resp: 14213
Ion Ratio Lower Upper
96 100
61 140.3 119.7 179.5
98 64.5 49.6 74.4





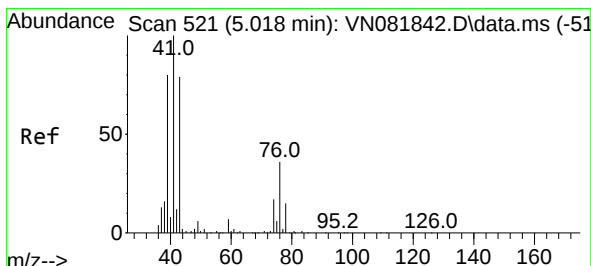
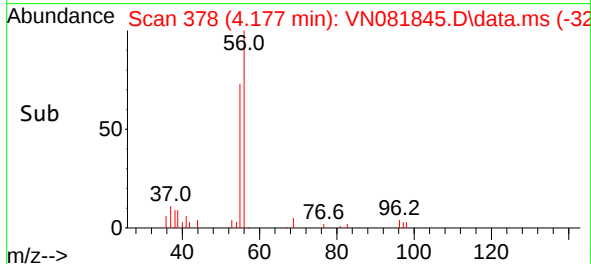
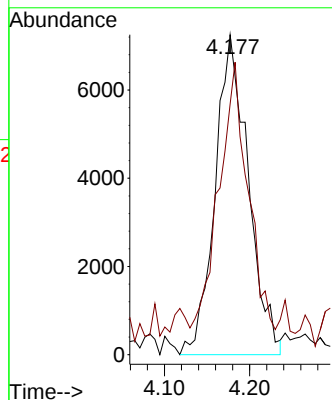
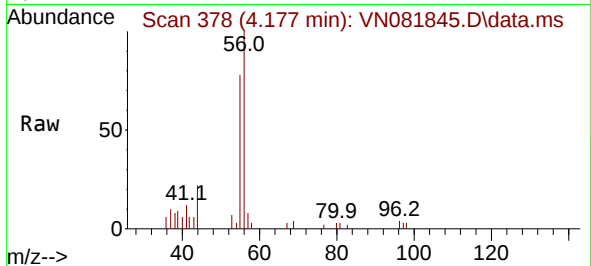
#13
Acrolein
Concen: 28.182 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 1961
Ion Ratio Lower Upper
56 100
55 71.6 55.8 83.8

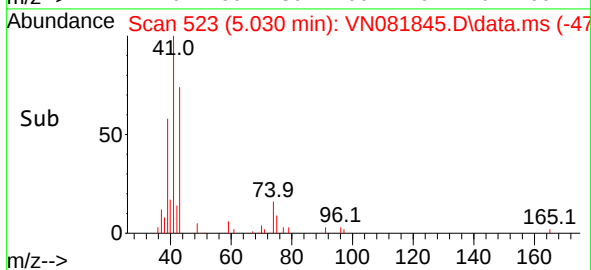
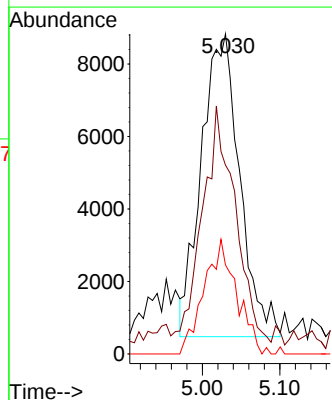
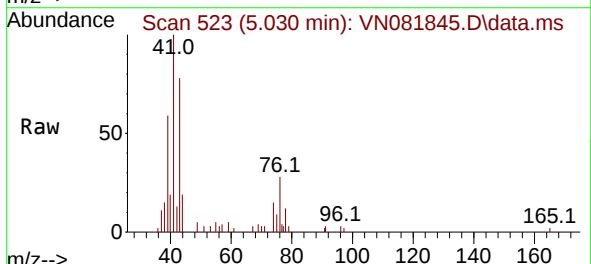
Manual Integrations
APPROVED

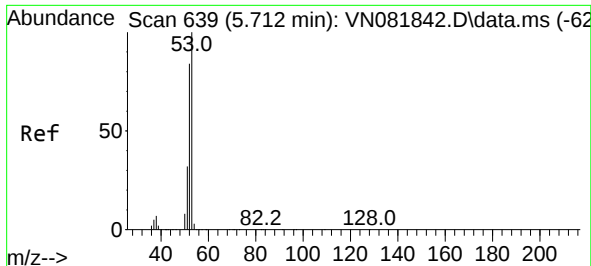
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#14
Allyl chloride
Concen: 4.737 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

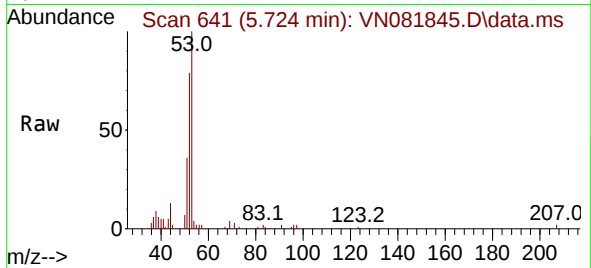
Tgt Ion: 41 Resp: 28677
Ion Ratio Lower Upper
41 100
39 69.2 65.4 98.0
76 32.2 37.3 55.9#





#15
Acrylonitrile
Concen: 25.568 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

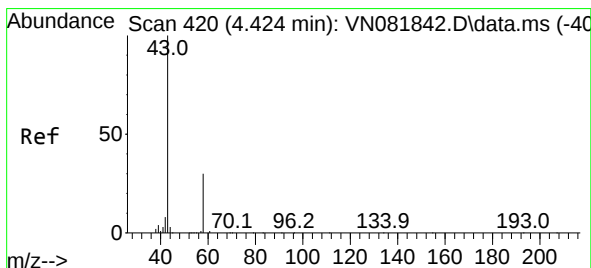
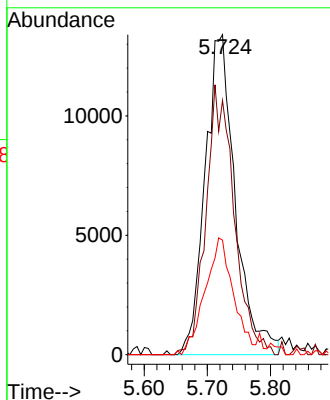
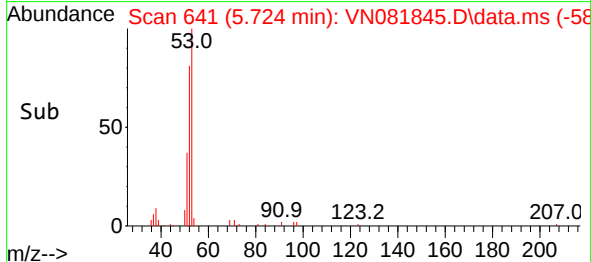
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



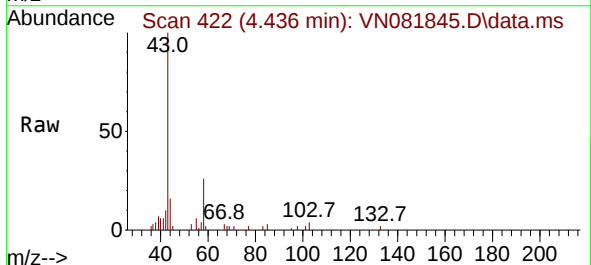
Tgt Ion: 53 Resp: 44512
Ion Ratio Lower Upper
53 100
52 78.5 66.1 99.1
51 34.7 29.4 44.2

Manual Integrations
APPROVED

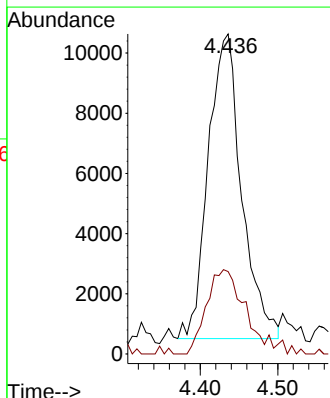
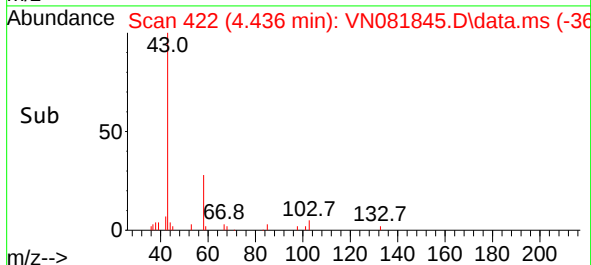
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

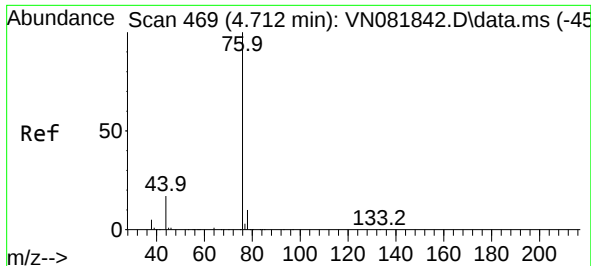


#16
Acetone
Concen: 20.700 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



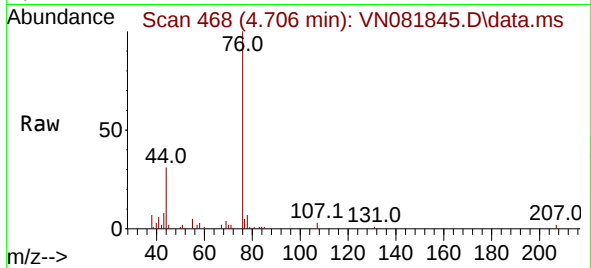
Tgt Ion: 43 Resp: 30281
Ion Ratio Lower Upper
43 100
58 27.1 25.2 37.8





#17
Carbon Disulfide
Concen: 5.133 ug/l
RT: 4.706 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

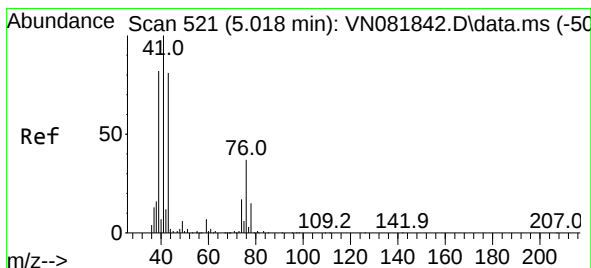
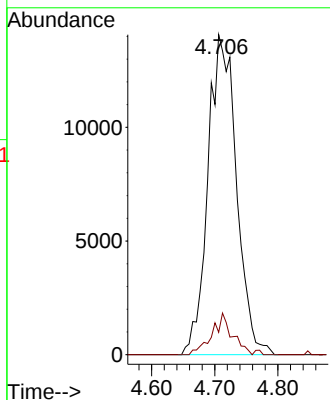
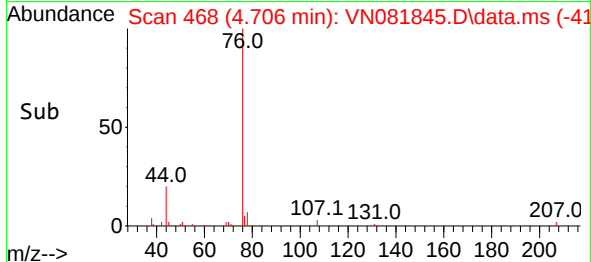
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 44160
Ion Ratio Lower Upper
76 100
78 7.0 7.5 11.3#

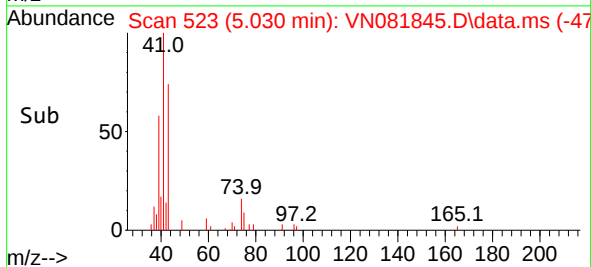
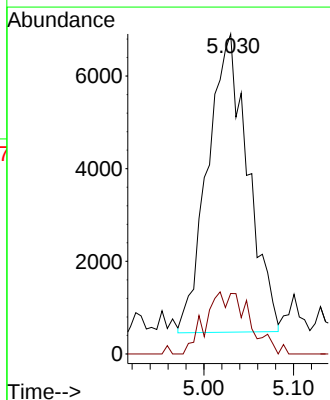
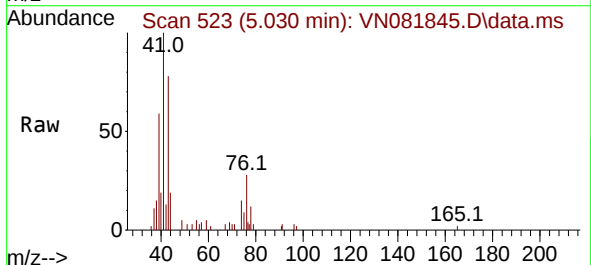
Manual Integrations
APPROVED

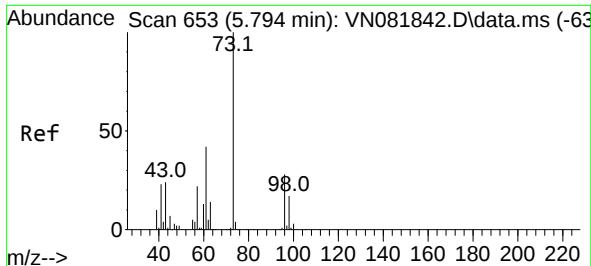
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
Methyl Acetate
Concen: 4.950 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion: 43 Resp: 19996
Ion Ratio Lower Upper
43 100
74 10.9 22.2 33.2#





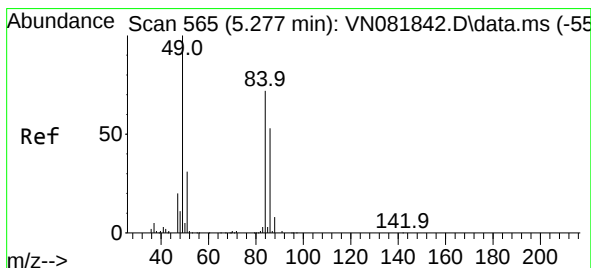
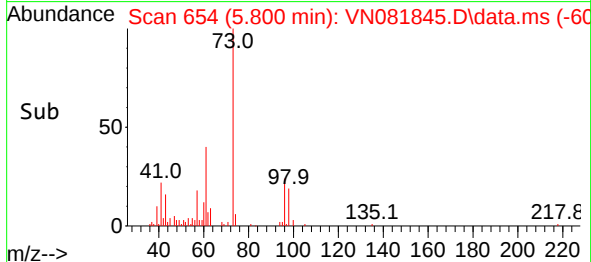
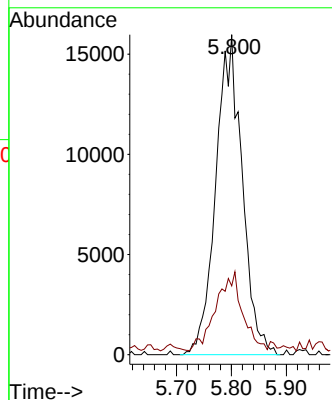
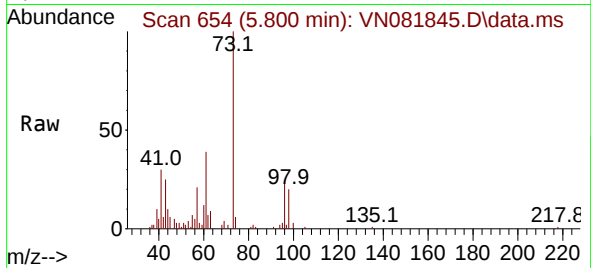
#19
Methyl tert-butyl Ether
Concen: 4.904 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 5296
Ion Ratio Lower Upper
73 100
57 19.6 16.5 24.7

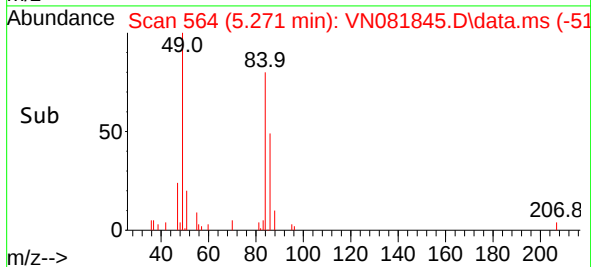
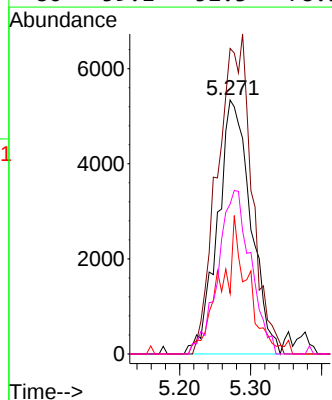
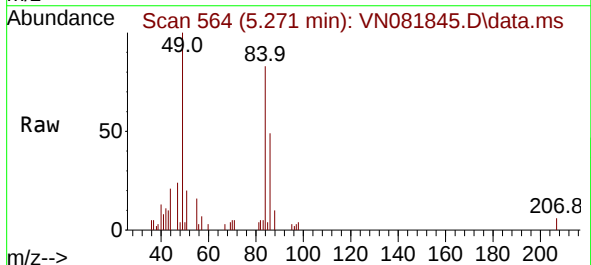
Manual Integrations
APPROVED

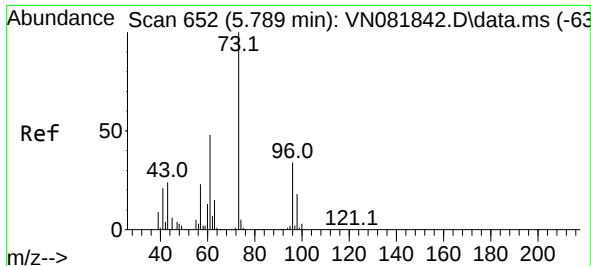
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 5.064 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

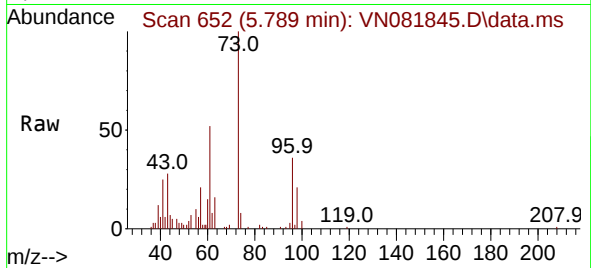
Tgt Ion: 84 Resp: 17307
Ion Ratio Lower Upper
84 100
49 120.3 84.9 127.3
51 23.9 27.0 40.6#
86 59.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 5.342 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

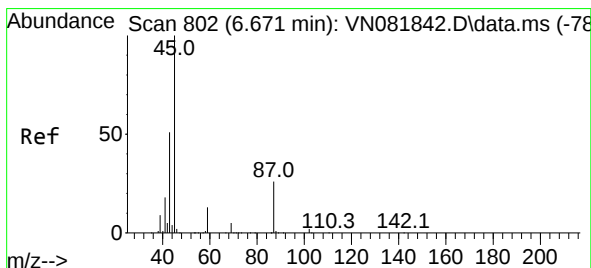
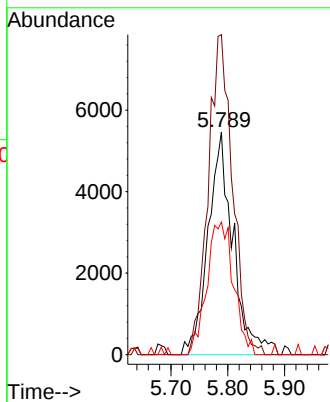
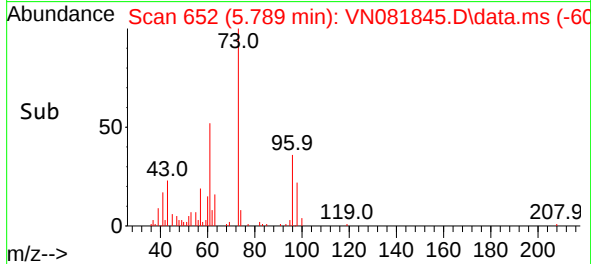
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



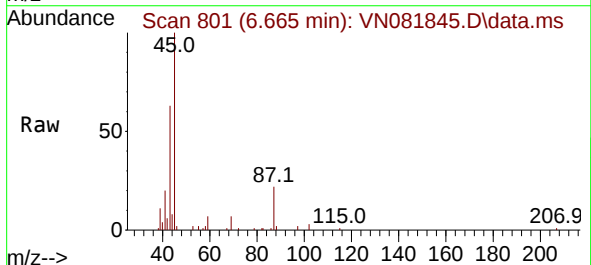
Tgt Ion: 96 Resp: 1666
Ion Ratio Lower Upper
96 100
61 143.7 96.5 144.7
98 59.6 51.3 76.9

Manual Integrations
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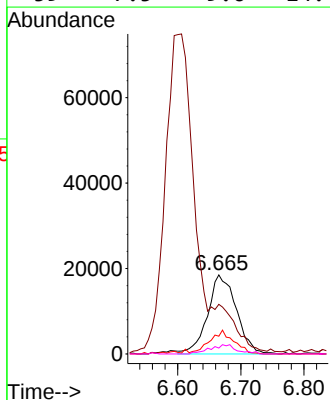
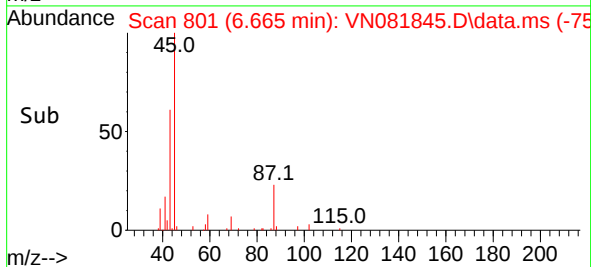
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

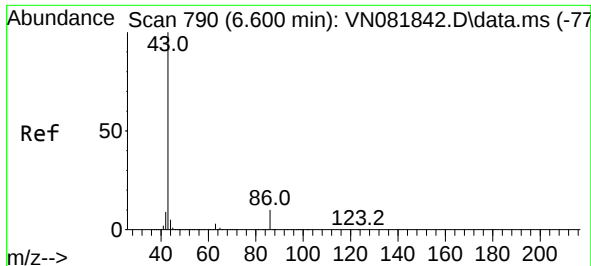


#22
Diisopropyl ether
Concen: 4.989 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



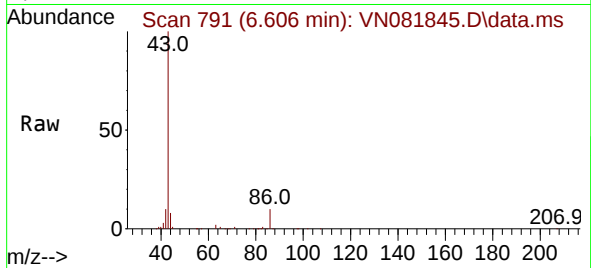
Tgt Ion: 45 Resp: 58442
Ion Ratio Lower Upper
45 100
43 59.8 44.1 66.1
87 22.4 27.0 40.6#
59 7.5 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 24.772 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081845.D
 Acq: 25 Apr 2024 12:07

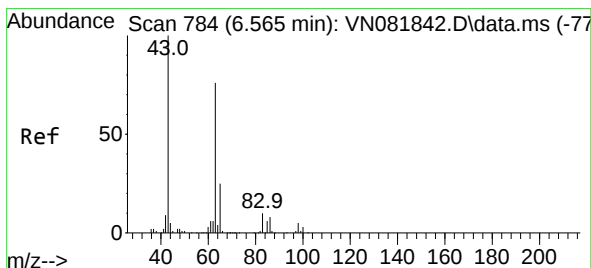
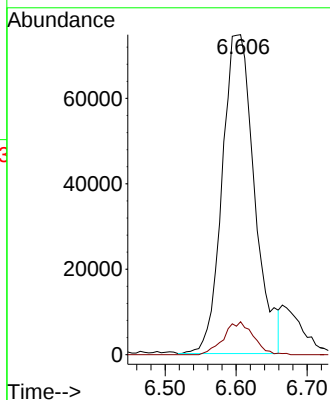
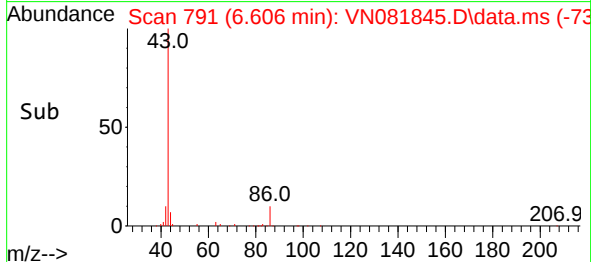
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 23579
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.2 15.4

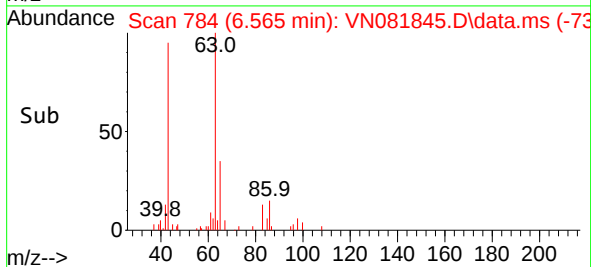
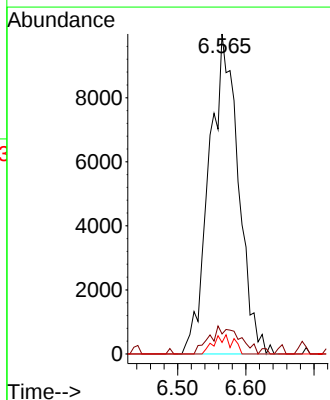
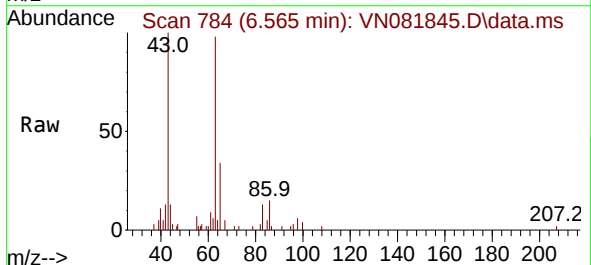
Manual Integrations
 APPROVED

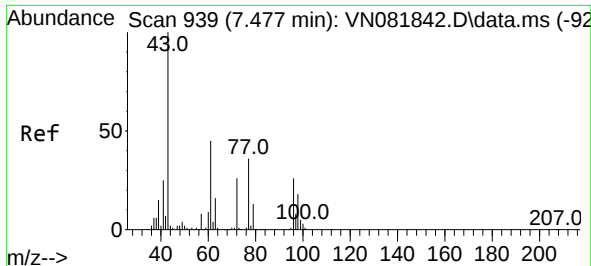
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#24
 1,1-Dichloroethane
 Concen: 4.894 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081845.D
 Acq: 25 Apr 2024 12:07

Tgt Ion: 63 Resp: 29842
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 3.6 2.6 7.8





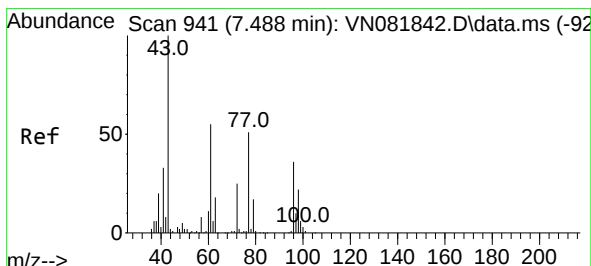
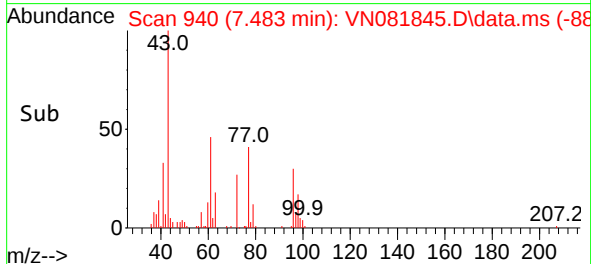
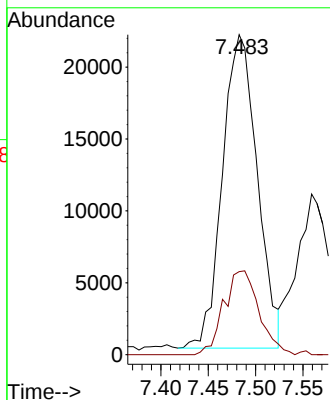
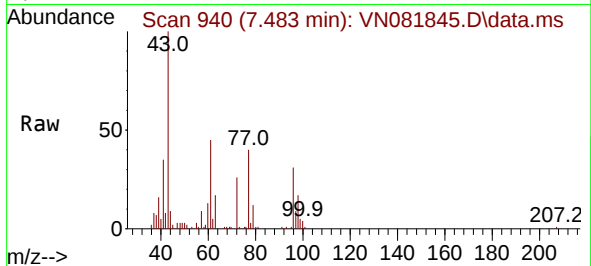
#25
2-Butanone
Concen: 24.650 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 55799
Ion Ratio Lower Upper
43 100
72 26.5 25.3 37.9

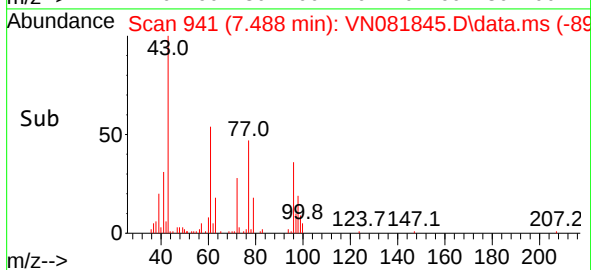
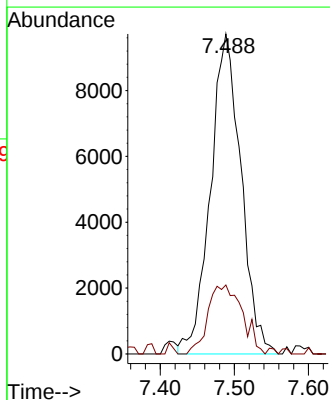
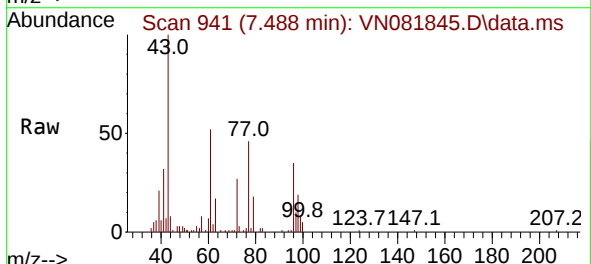
Manual Integrations
APPROVED

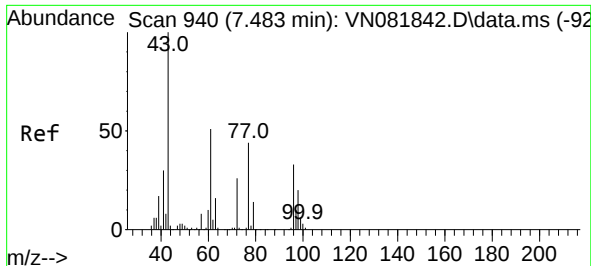
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
2,2-Dichloropropane
Concen: 4.956 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

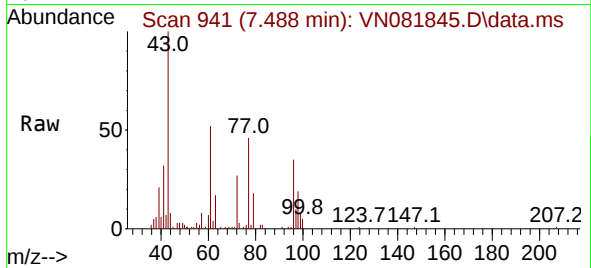
Tgt Ion: 77 Resp: 27797
Ion Ratio Lower Upper
77 100
97 24.2 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 5.009 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

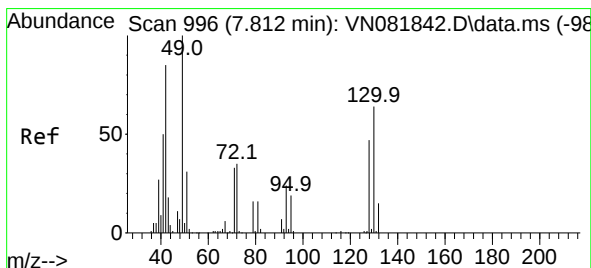
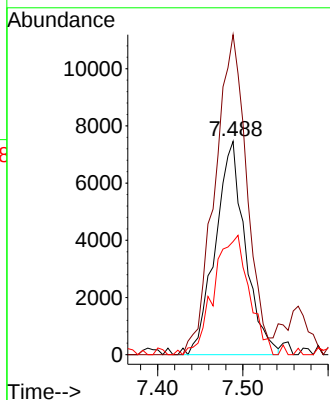
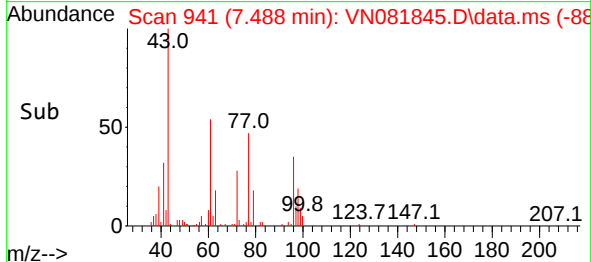
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1826
Ion Ratio Lower Upper
96 100
61 159.5 0.0 268.0
98 65.9 0.0 126.8

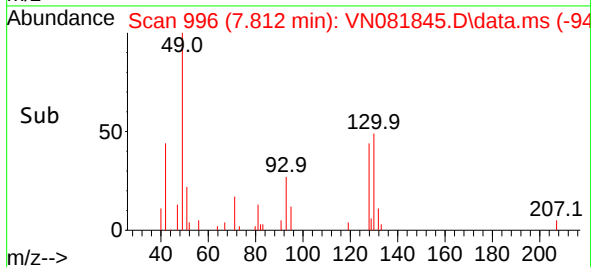
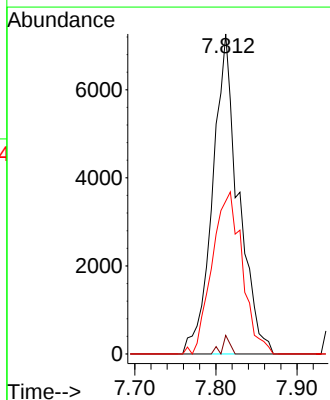
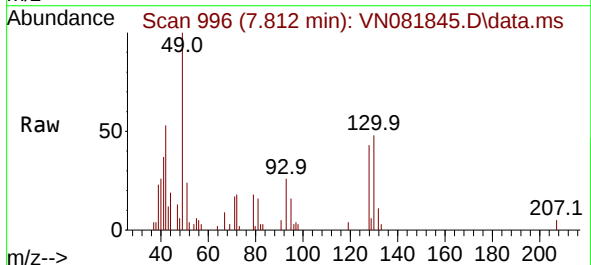
Manual Integrations
APPROVED

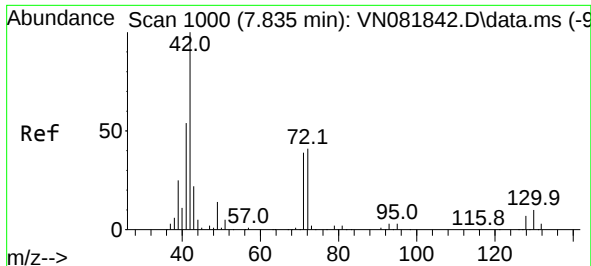
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#28
Bromochloromethane
Concen: 5.545 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion: 49 Resp: 16069
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 59.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 23.506 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

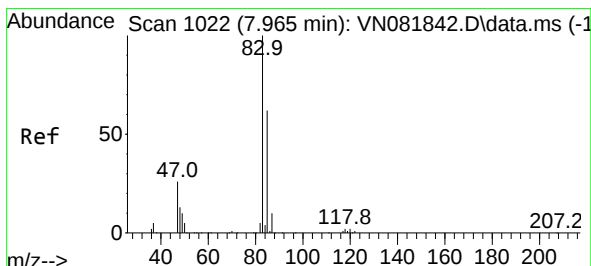
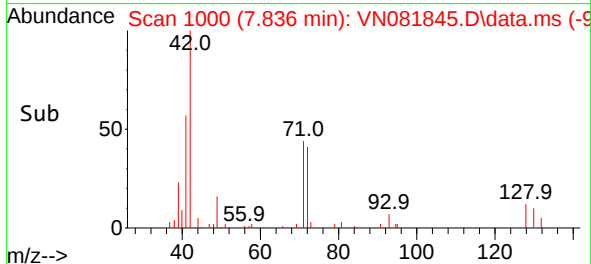
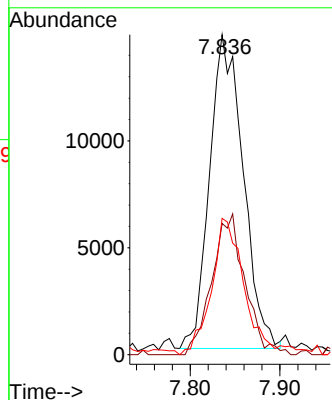
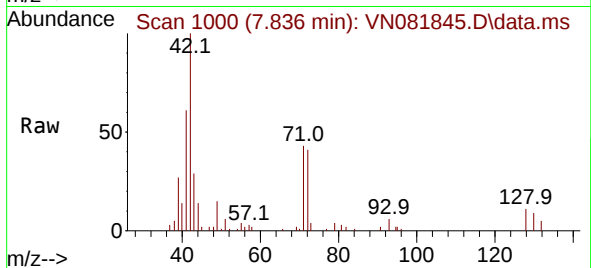
Tgt Ion: 42	Resp: 3815
Ion Ratio	Lower Upper
42	100
72	44.1 39.3 58.9
71	41.3 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#30

Chloroform

Concen: 4.960 ug/l

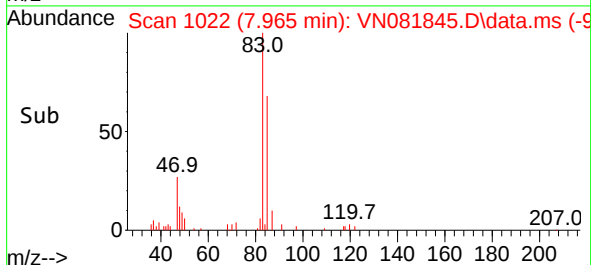
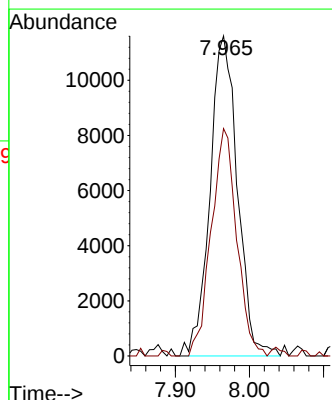
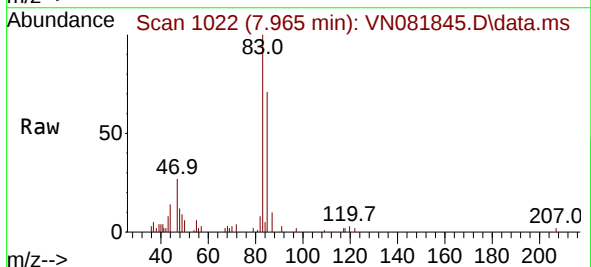
RT: 7.965 min Scan# 1022

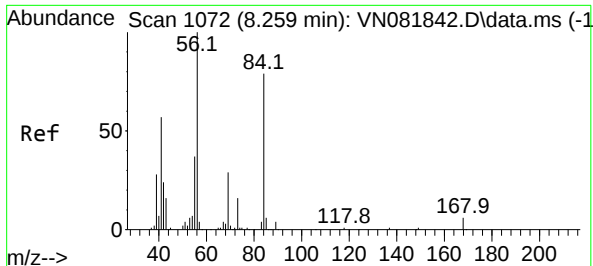
Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

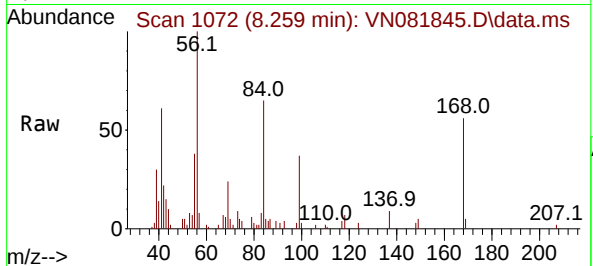
Tgt Ion: 83	Resp: 29975
Ion Ratio	Lower Upper
83	100
85	71.1 50.7 76.1





#31
Cyclohexane
Concen: 5.945 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

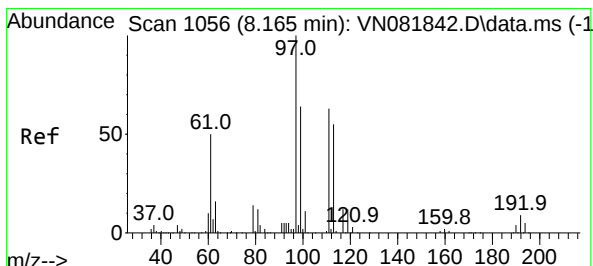
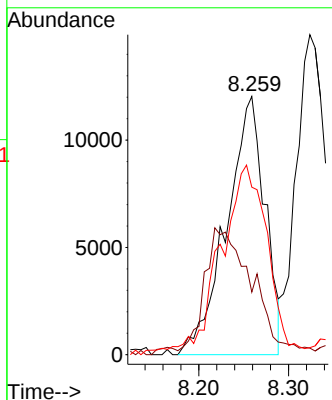
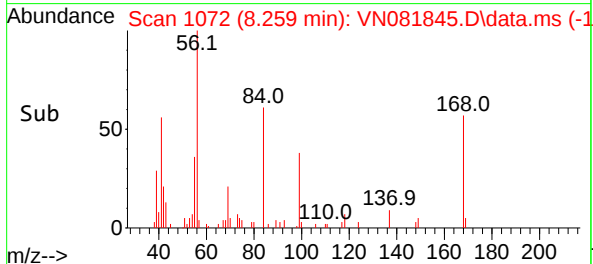
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



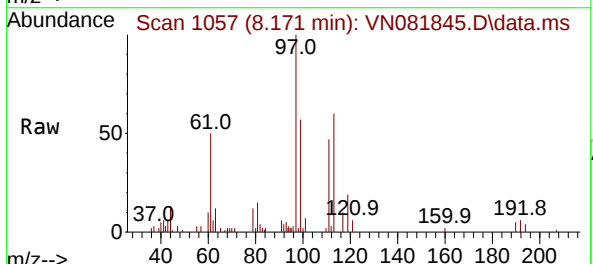
Tgt Ion: 56 Resp: 35719
Ion Ratio Lower Upper
56 100
69 22.7 24.4 36.6
84 61.8 77.0 115.4

Manual Integrations
APPROVED

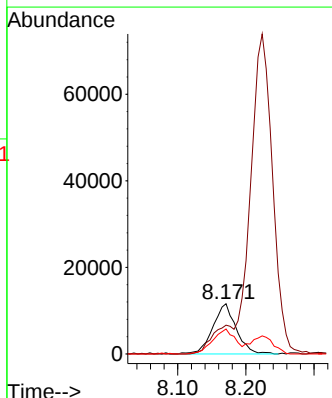
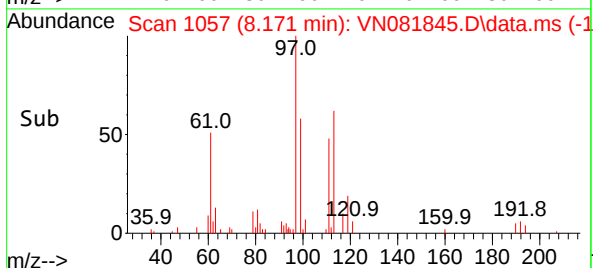
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

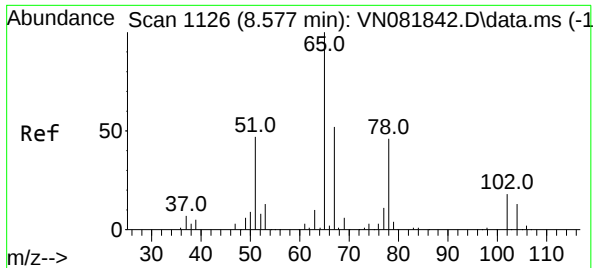


#32
1,1,1-Trichloroethane
Concen: 5.128 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



Tgt Ion: 97 Resp: 27641
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 48.1 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 5.504 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

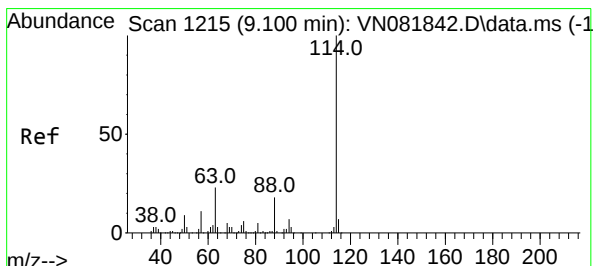
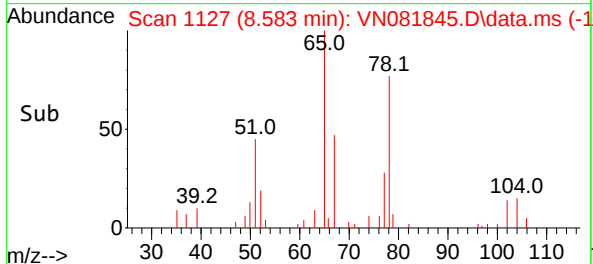
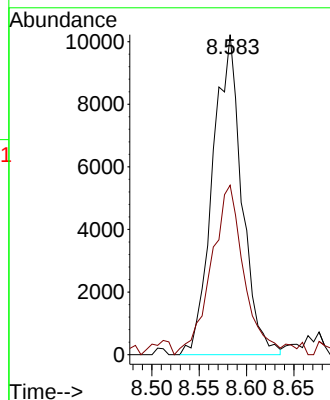
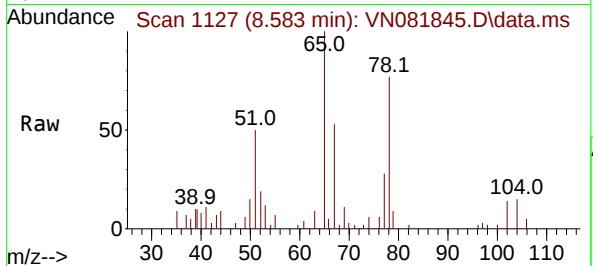
VSTDIC005

Tgt Ion: 65 Resp: 2195
Ion Ratio Lower Upper
65 100
67 58.9 0.0 103.0

Manual Integrations

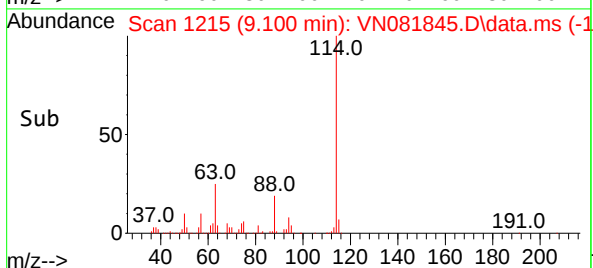
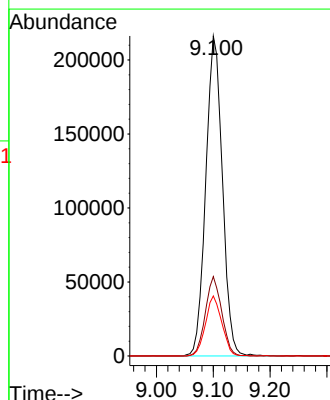
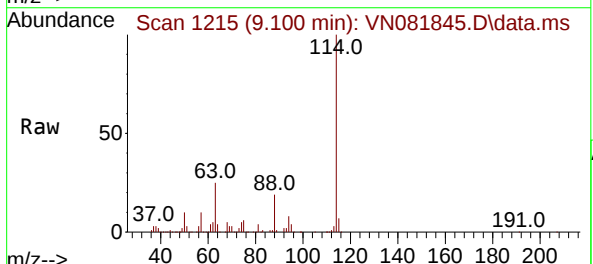
APPROVED

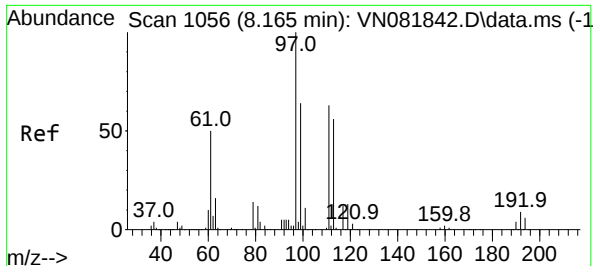
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion:114 Resp: 438181
Ion Ratio Lower Upper
114 100
63 24.8 0.0 41.0
88 18.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 5.813 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

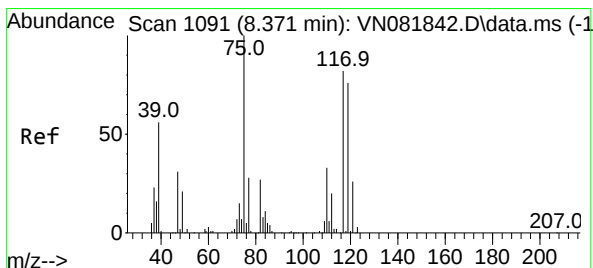
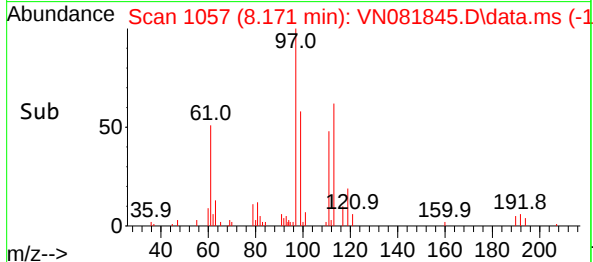
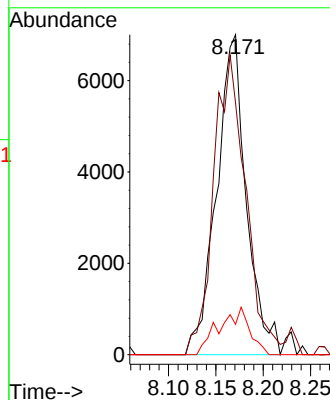
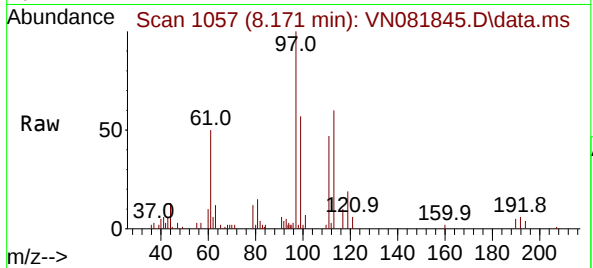
Tgt Ion:	113	Resp:	1533
Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.4	125.2
192	15.0	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#36

1,1-Dichloropropene

Concen: 5.140 ug/l

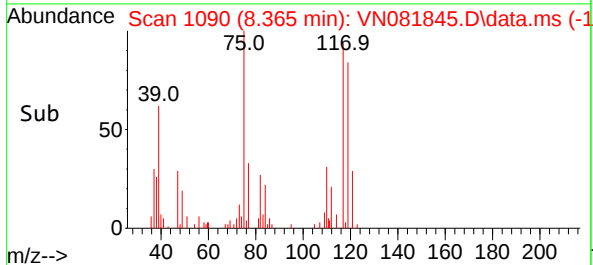
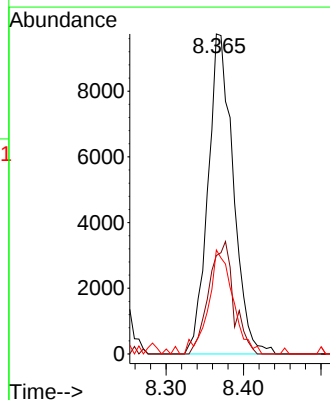
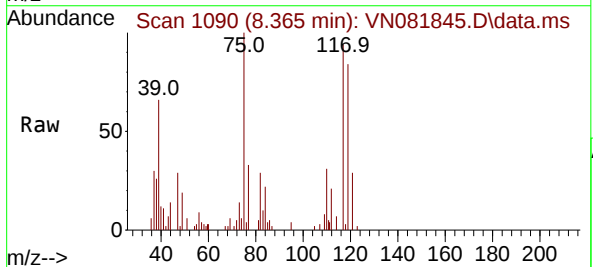
RT: 8.365 min Scan# 1090

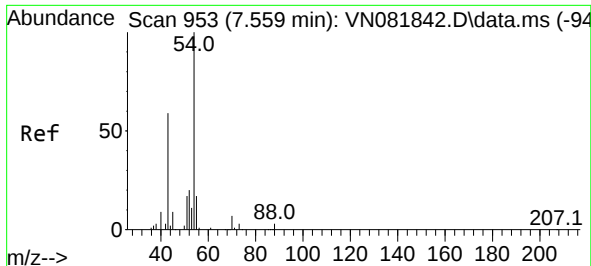
Delta R.T. -0.006 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

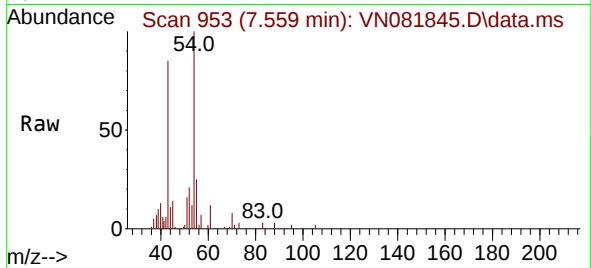
Tgt Ion:	75	Resp:	22063
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.8	53.5
77	31.6	25.0	37.4





#37
Ethyl Acetate
Concen: 5.434 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

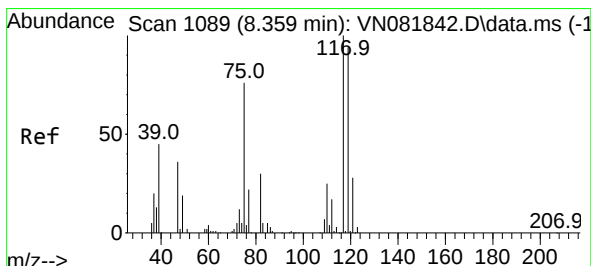
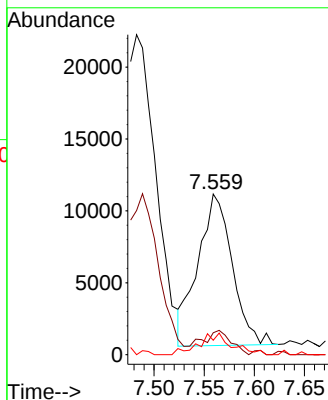
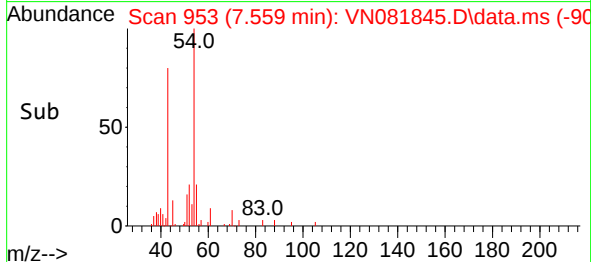
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 25219
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 13.3 8.7 13.1

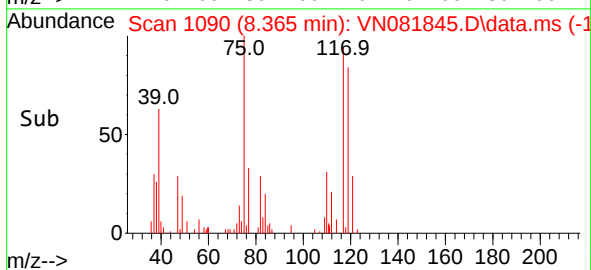
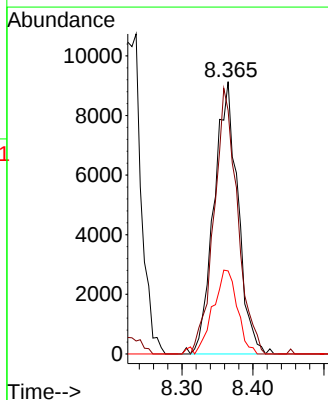
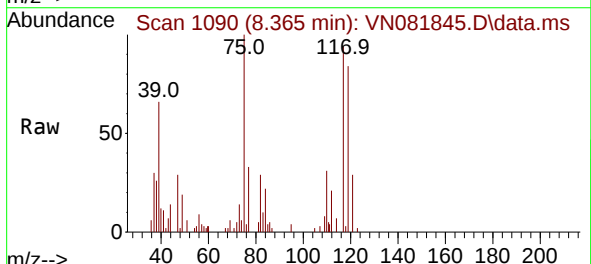
Manual Integrations
APPROVED

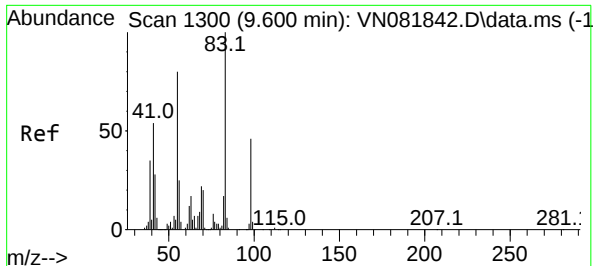
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion:117 Resp: 21391
Ion Ratio Lower Upper
117 100
119 89.4 76.5 114.7
121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 5.058 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081845.D

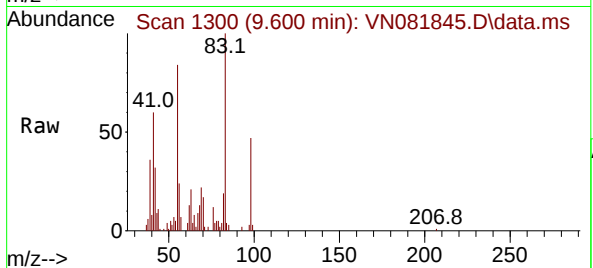
Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



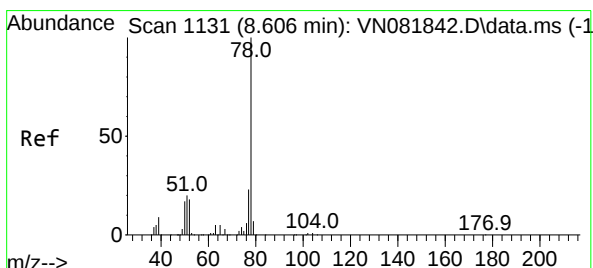
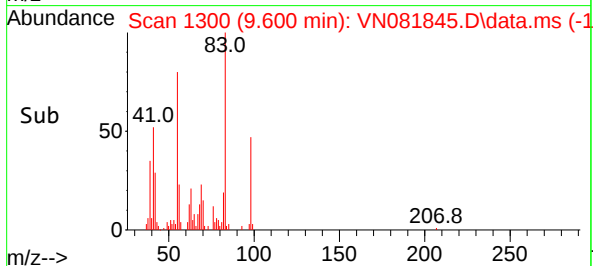
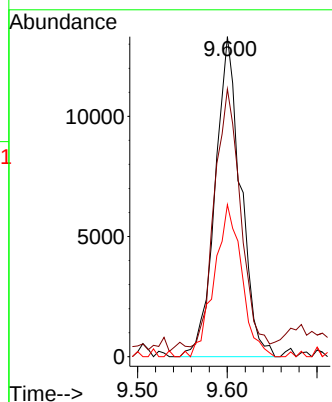
Tgt Ion: 83	Resp: 2636
Ion Ratio	Lower Upper
83	100
55	79.1 53.0 79.6
98	47.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#40

Benzene

Concen: 5.040 ug/l

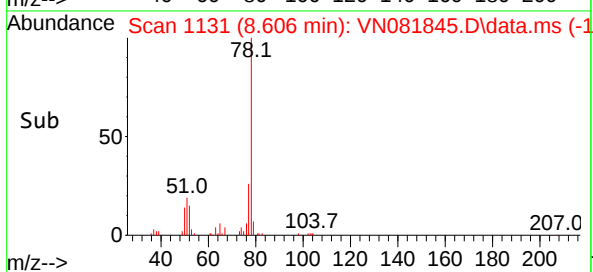
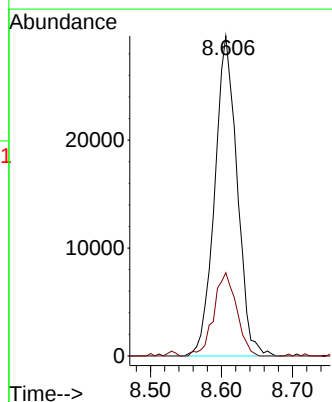
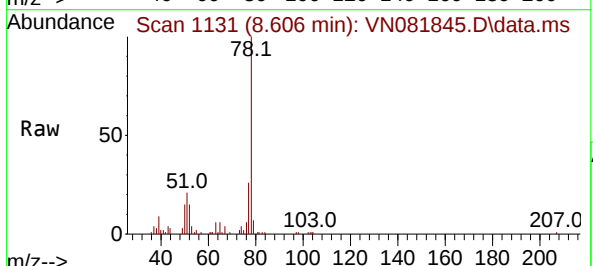
RT: 8.606 min Scan# 1131

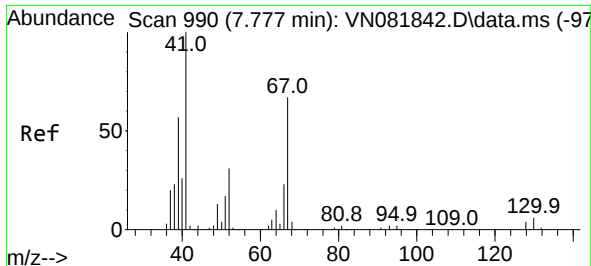
Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

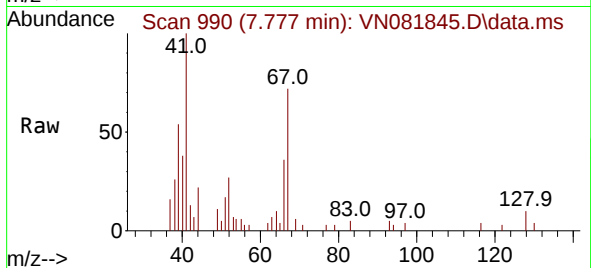
Tgt Ion: 78	Resp: 64941
Ion Ratio	Lower Upper
78	100
77	26.0 20.0 30.0





#41
Methacrylonitrile
Concen: 4.994 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

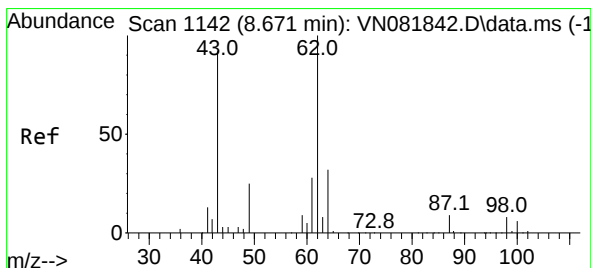
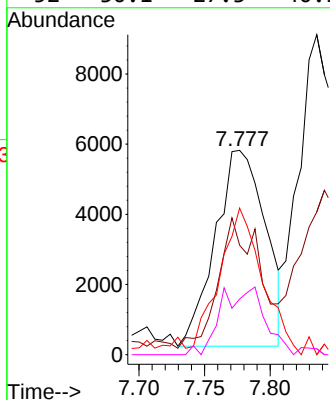
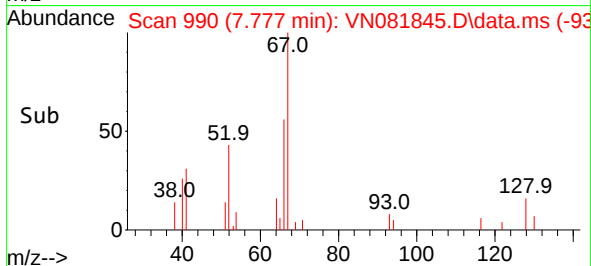
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 41 Resp: 1478
Ion Ratio Lower Upper
41 100
39 52.5 46.6 69.8
67 66.7 67.3 100.9
52 30.1 27.3 40.9

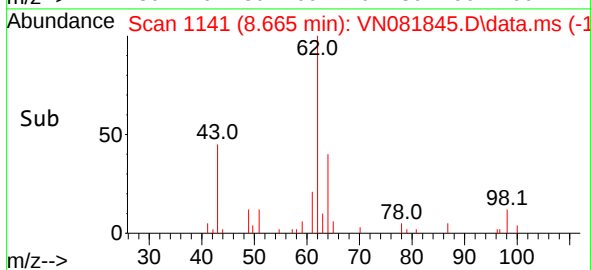
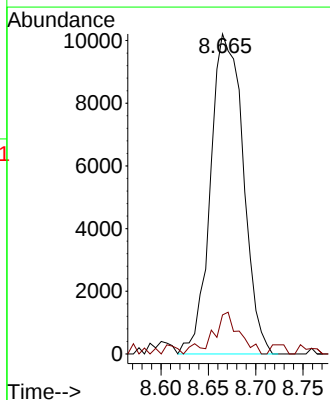
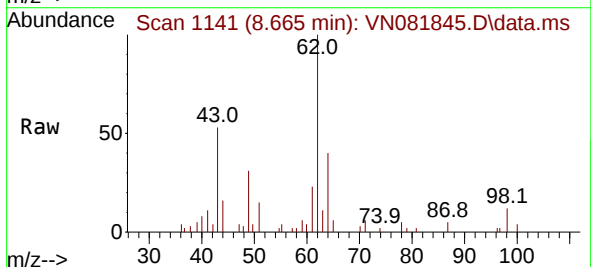
Manual Integrations
APPROVED

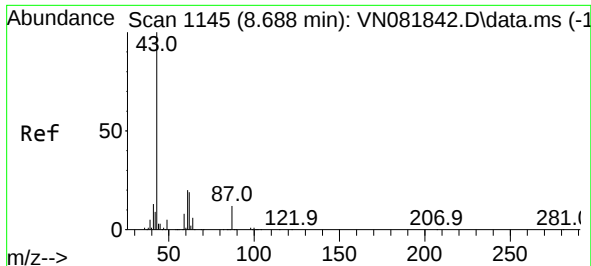
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#42
1,2-Dichloroethane
Concen: 5.124 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

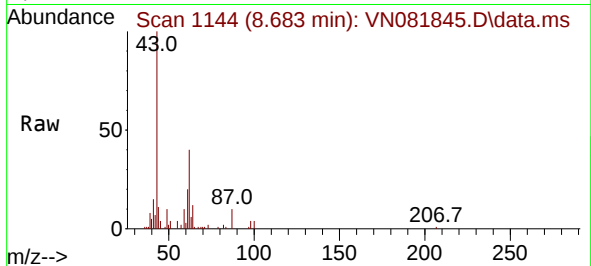
Tgt Ion: 62 Resp: 24514
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.6





#43
Isopropyl Acetate
Concen: 5.014 ug/l
RT: 8.683 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

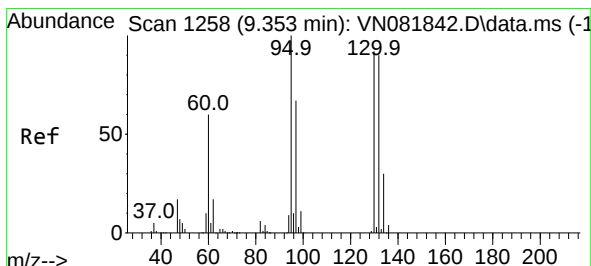
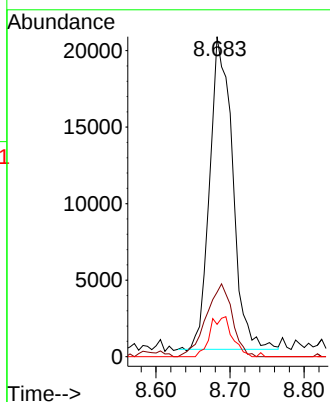
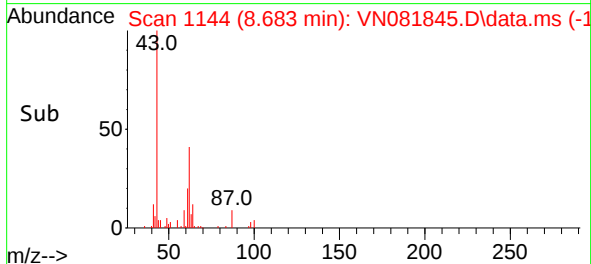
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 43754
Ion Ratio Lower Upper
43 100
61 26.4 22.8 34.2
87 12.4 12.0 18.0

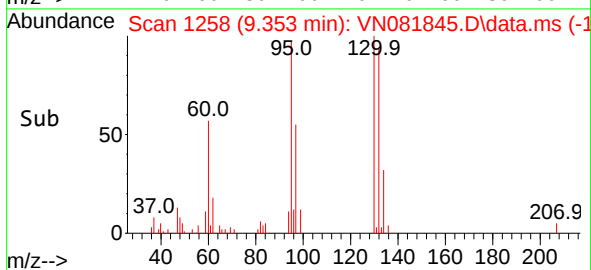
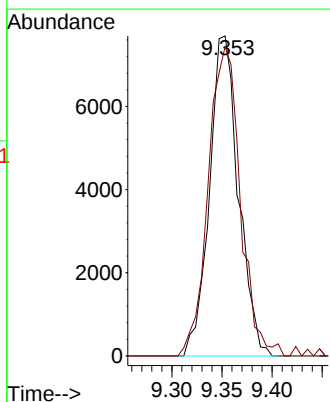
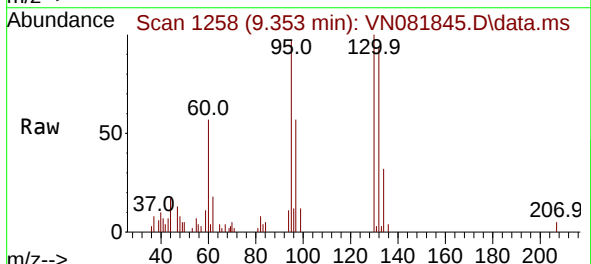
Manual Integrations
APPROVED

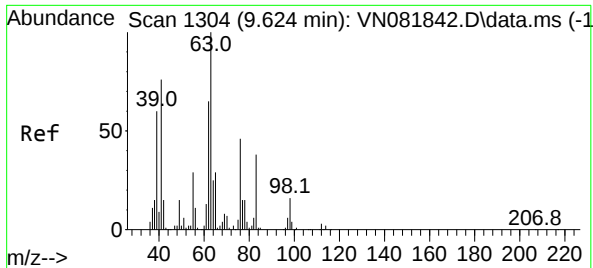
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
Trichloroethene
Concen: 5.212 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

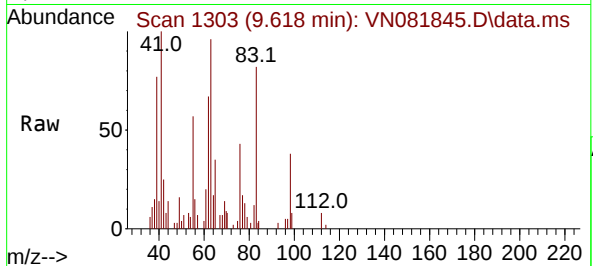
Tgt Ion:130 Resp: 15484
Ion Ratio Lower Upper
130 100
95 96.6 0.0 195.4





#45
1,2-Dichloropropane
Concen: 4.979 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

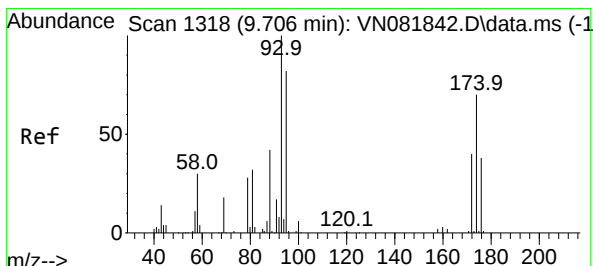
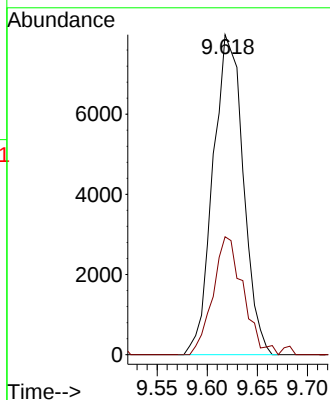
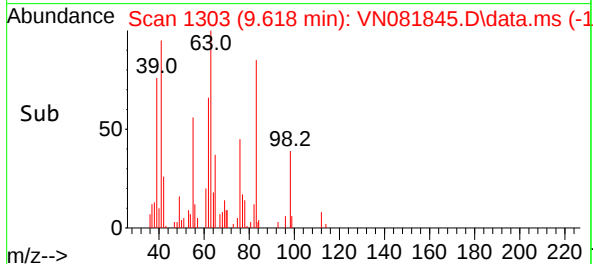
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



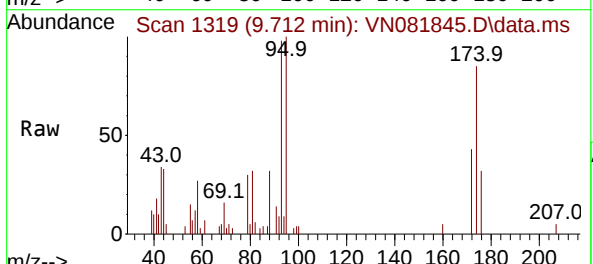
Tgt Ion: 63 Resp: 16788
Ion Ratio Lower Upper
63 100
65 36.8 24.1 36.1

Manual Integrations
APPROVED

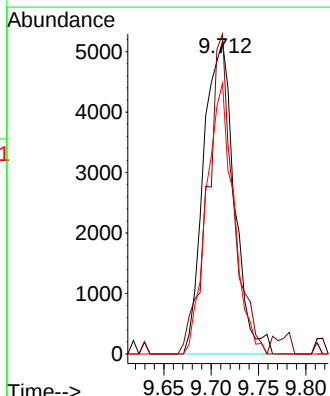
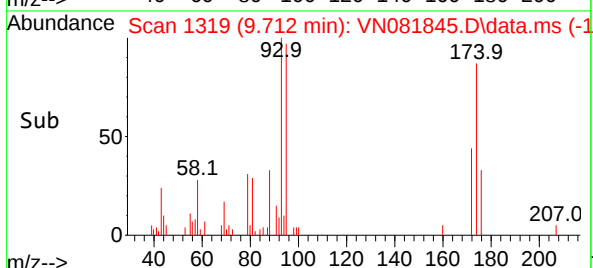
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

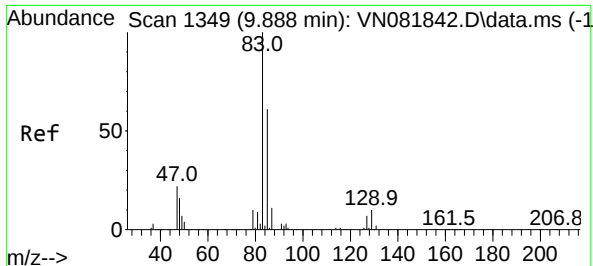


#46
Dibromomethane
Concen: 5.008 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



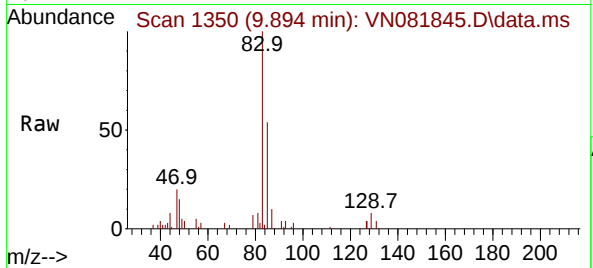
Tgt Ion: 93 Resp: 11673
Ion Ratio Lower Upper
93 100
95 85.3 64.8 97.2
174 76.7 73.4 110.0





#47
Bromodichloromethane
Concen: 5.246 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

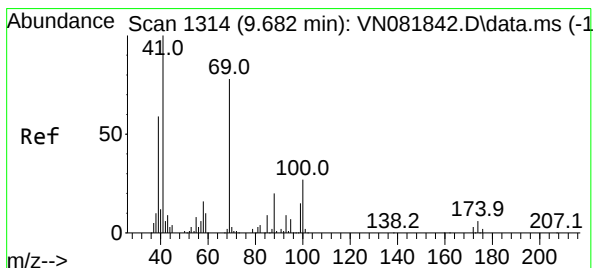
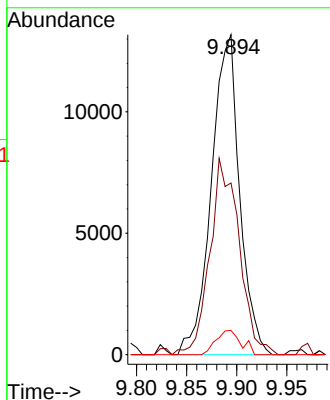
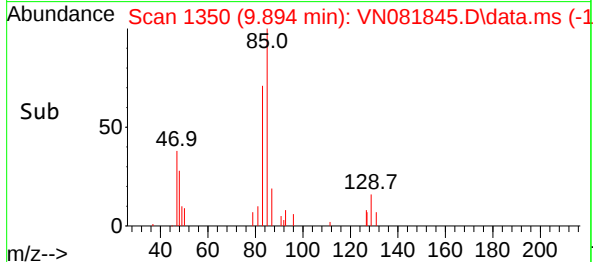
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 25780
Ion Ratio Lower Upper
83 100
85 53.6 51.9 77.9
127 7.6 7.5 11.3

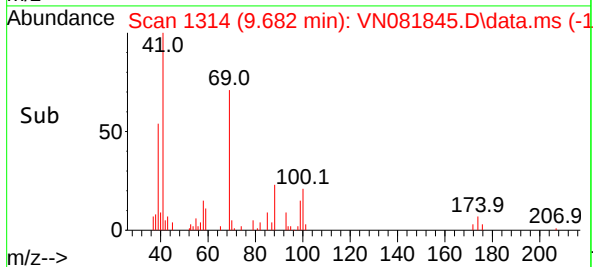
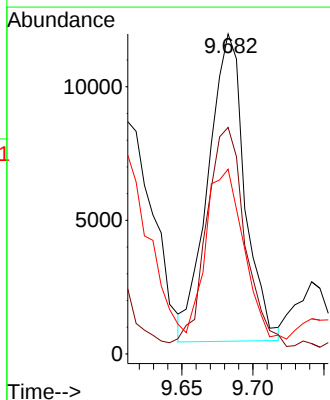
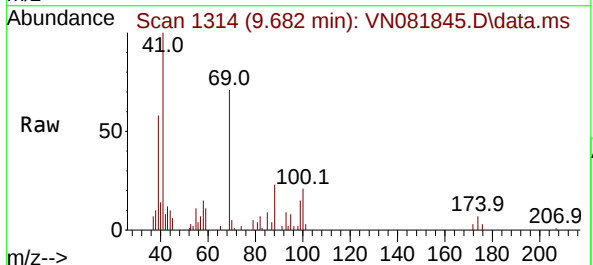
Manual Integrations
APPROVED

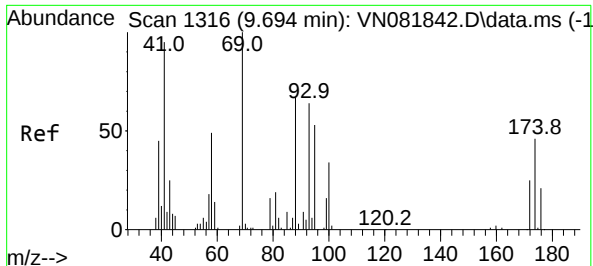
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#48
Methyl methacrylate
Concen: 4.972 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion: 41 Resp: 20713
Ion Ratio Lower Upper
41 100
69 78.4 77.9 116.9
39 65.7 50.9 76.3





#49

1,4-Dioxane

Concen: 102.524 ug/l

RT: 9.706 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 649

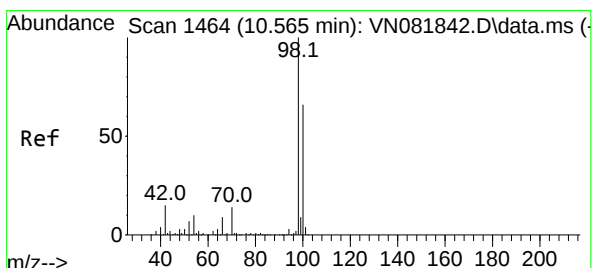
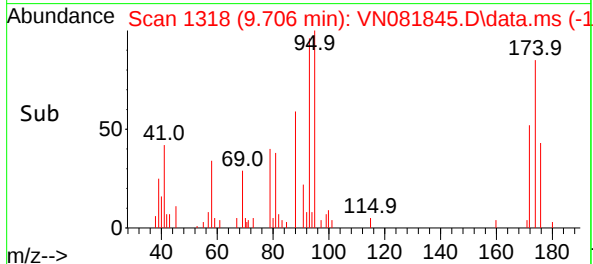
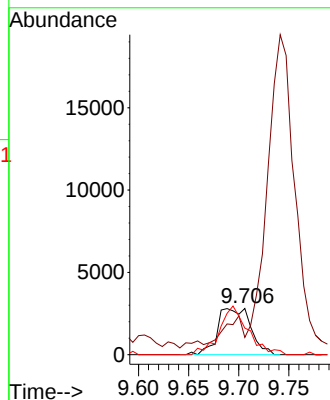
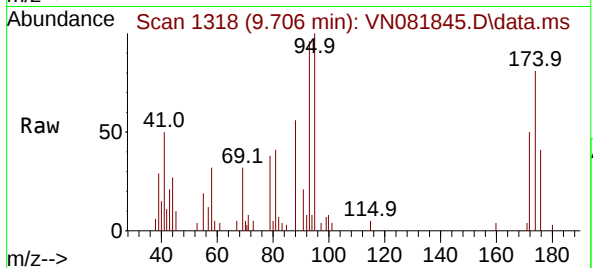
Ion	Ratio	Lower	Upper
88	100		
43	32.9	19.0	28.6
58	90.2	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#50

Toluene-d8

Concen: 5.385 ug/l

RT: 10.565 min Scan# 1464

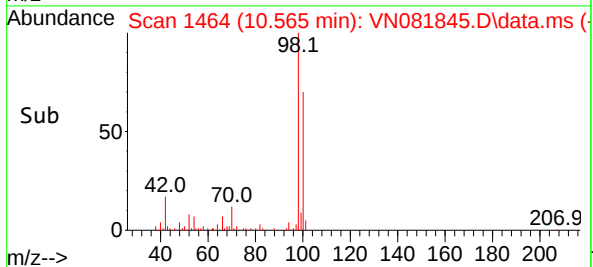
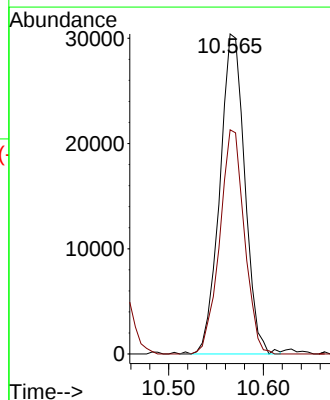
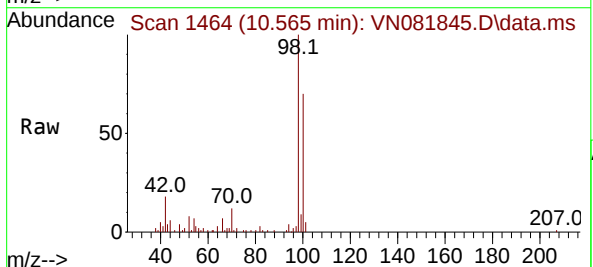
Delta R.T. 0.000 min

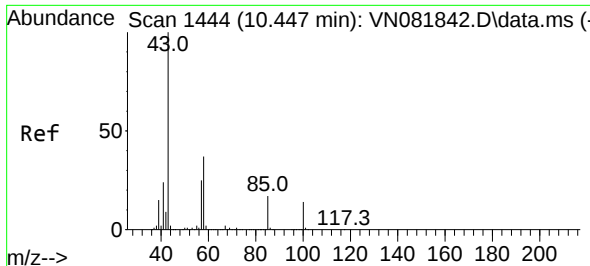
Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Tgt Ion: 98 Resp: 55792

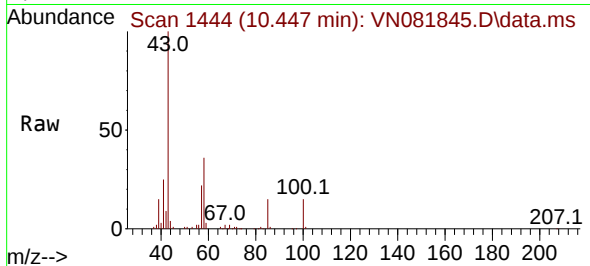
Ion	Ratio	Lower	Upper
98	100		
100	69.1	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 25.892 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

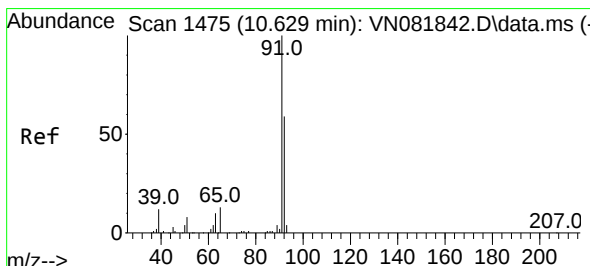
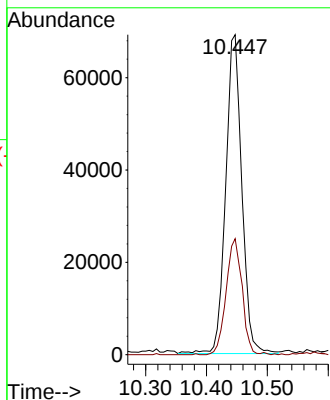
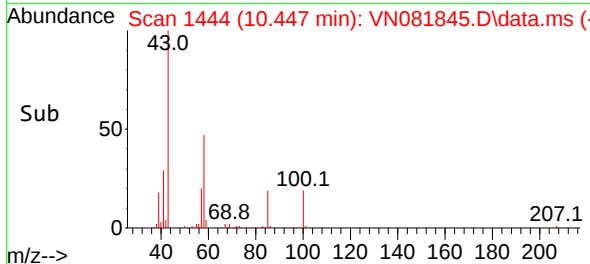
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 12718
Ion Ratio Lower Upper
43 100
58 35.9 33.2 49.8

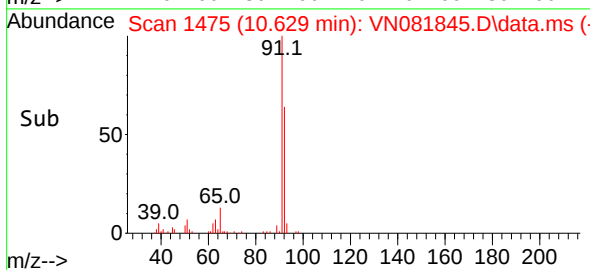
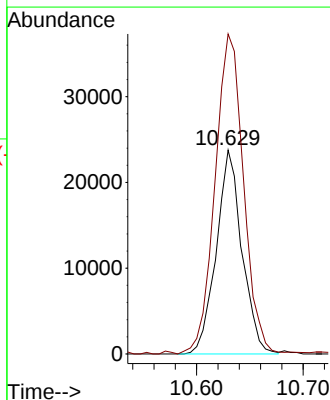
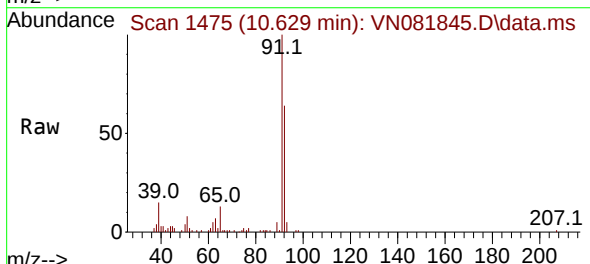
Manual Integrations
APPROVED

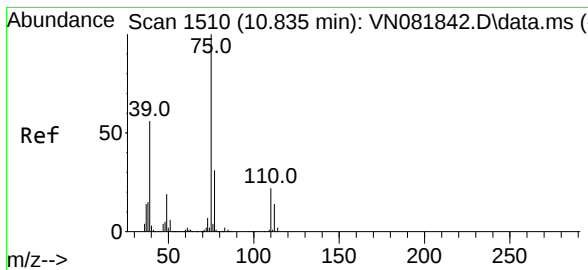
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#52
Toluene
Concen: 5.151 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

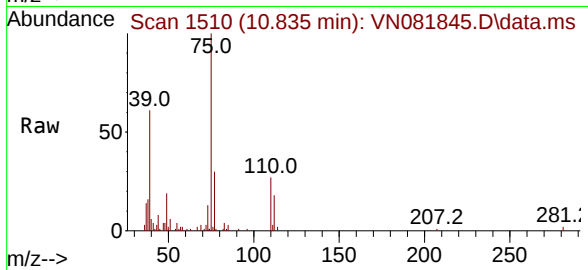
Tgt Ion: 92 Resp: 39747
Ion Ratio Lower Upper
92 100
91 174.7 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 5.140 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

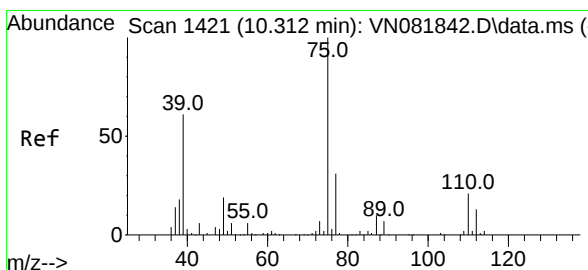
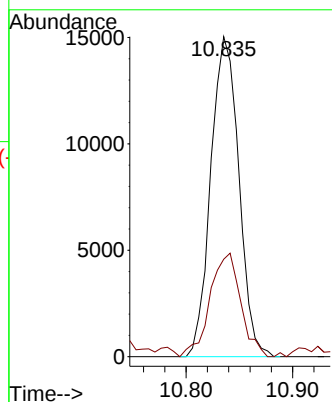
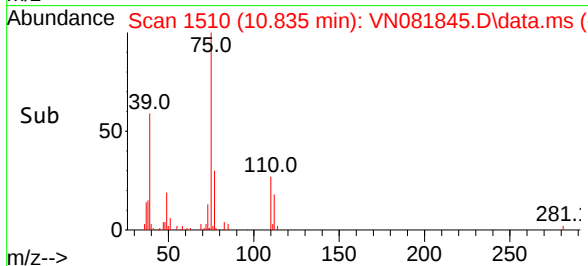
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



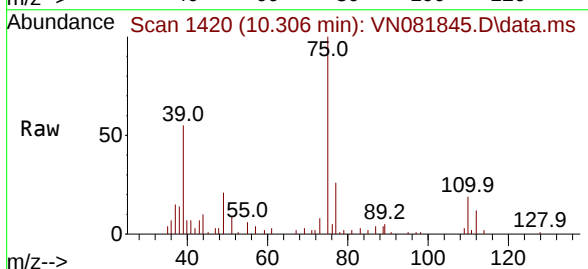
Tgt Ion: 75 Resp: 27490
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

Manual Integrations
APPROVED

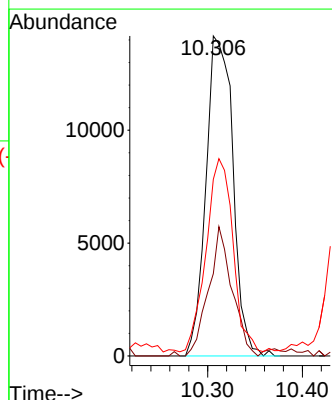
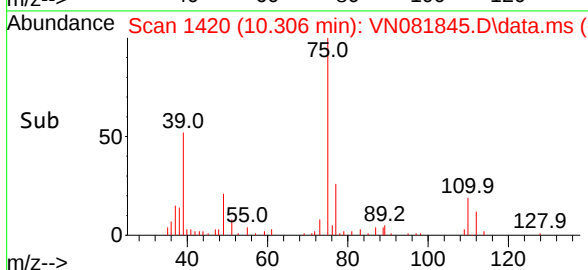
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

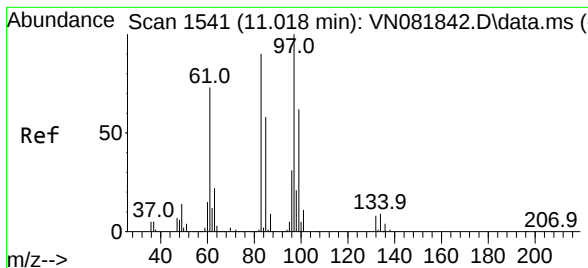


#54
cis-1,3-Dichloropropene
Concen: 5.080 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



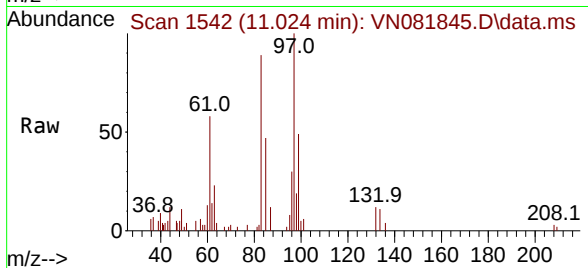
Tgt Ion: 75 Resp: 28003
Ion Ratio Lower Upper
75 100
77 25.7 25.0 37.4
39 53.9 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 5.070 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

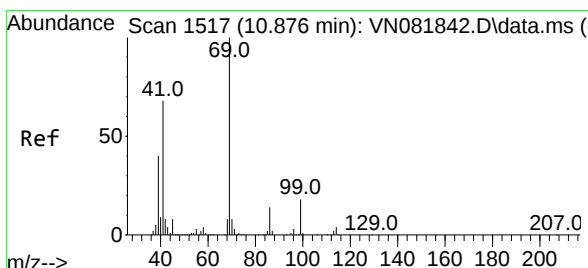
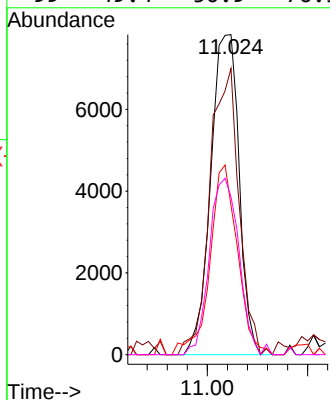
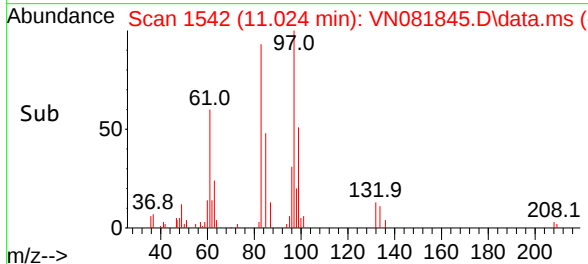
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



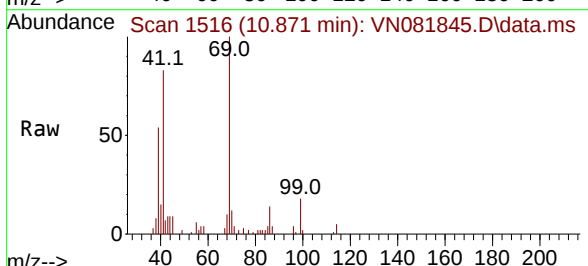
Tgt Ion: 97 Resp: 15380
Ion Ratio Lower Upper
97 100
83 89.4 70.4 105.6
85 46.6 45.6 68.4
99 49.4 50.9 76.3#

Manual Integrations
APPROVED

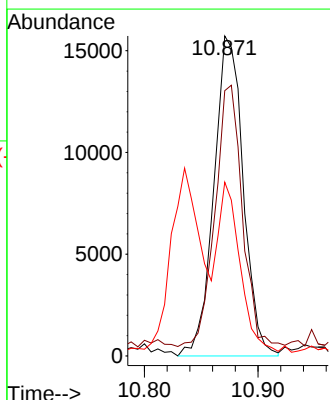
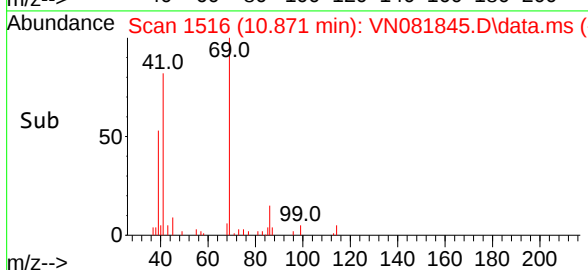
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

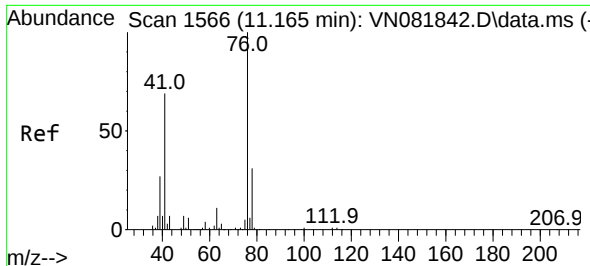


#56
Ethyl methacrylate
Concen: 4.893 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



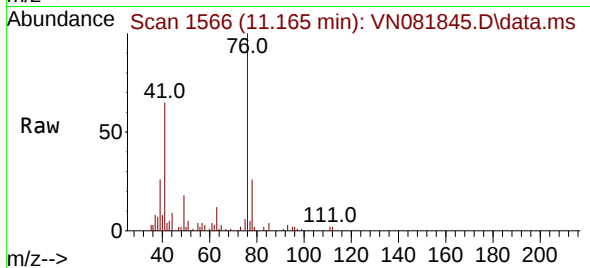
Tgt Ion: 69 Resp: 28272
Ion Ratio Lower Upper
69 100
41 76.1 46.6 70.0#
39 39.5 26.5 39.7





#57
1,3-Dichloropropane
Concen: 5.243 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

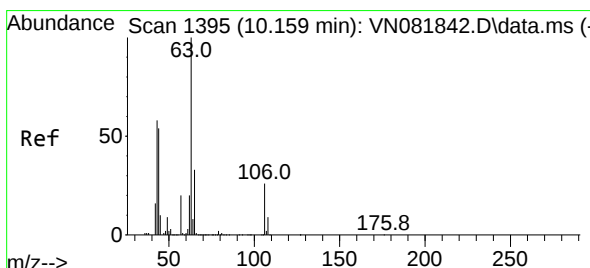
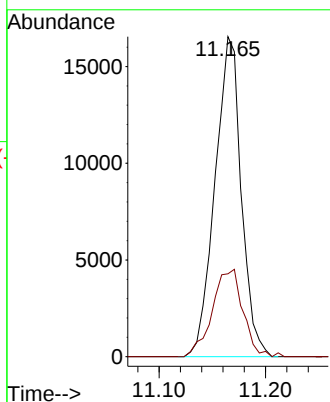
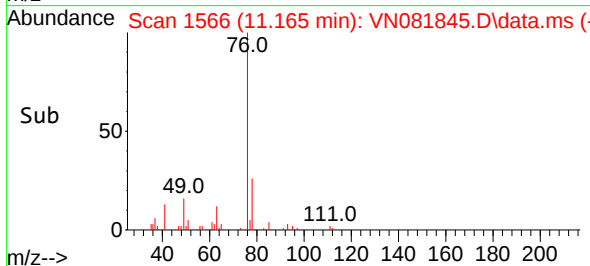
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 28280
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6

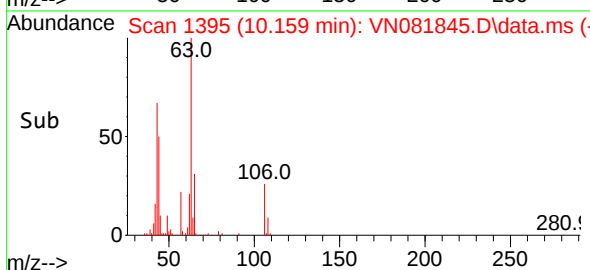
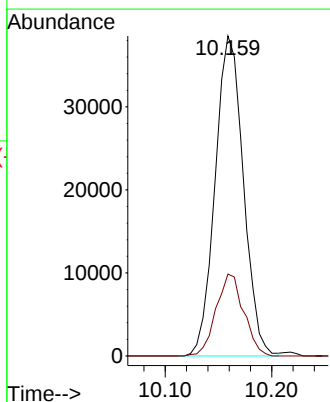
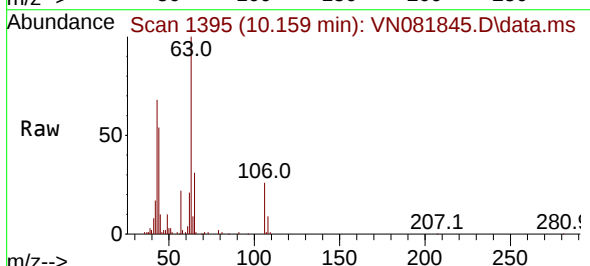
Manual Integrations
APPROVED

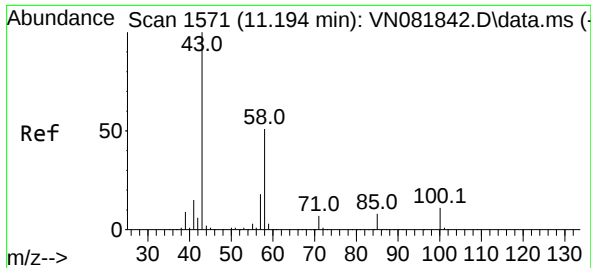
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 26.942 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

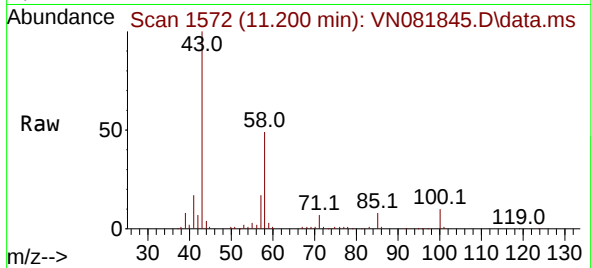
Tgt Ion: 63 Resp: 70922
Ion Ratio Lower Upper
63 100
106 25.0 24.6 36.8





#59
2-Hexanone
Concen: 25.851 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

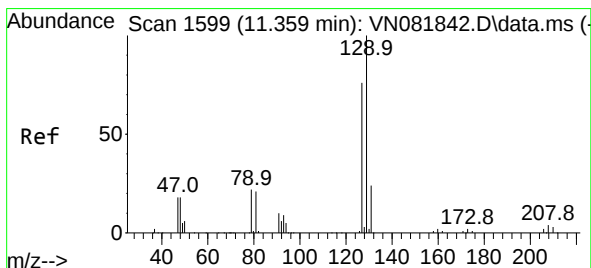
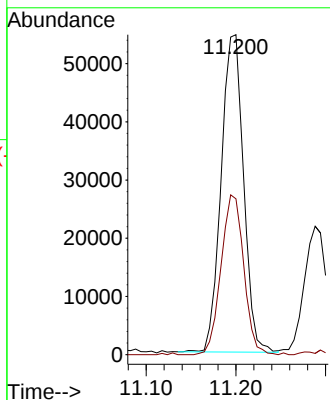
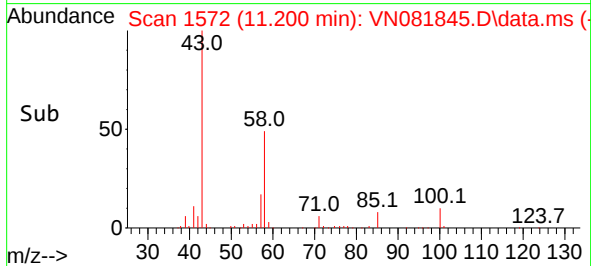
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 9450
Ion Ratio Lower Upper
43 100
58 51.0 28.3 84.9

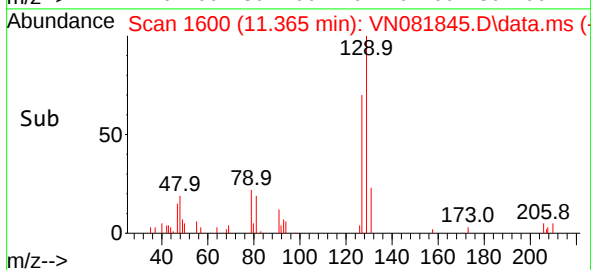
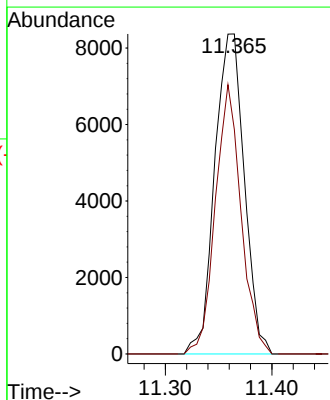
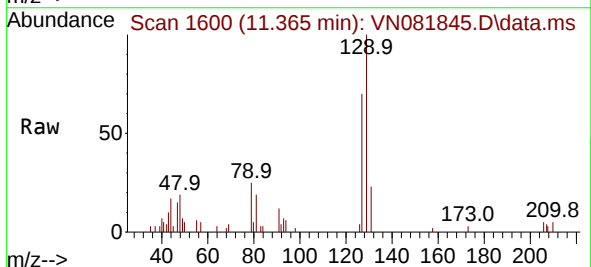
Manual Integrations
APPROVED

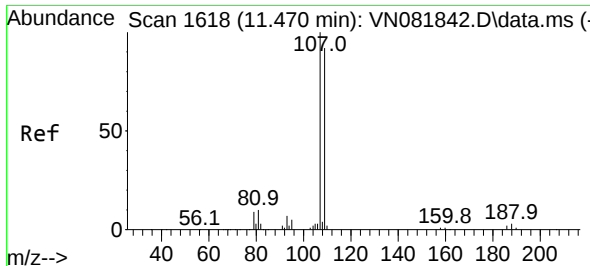
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
Dibromochloromethane
Concen: 5.013 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

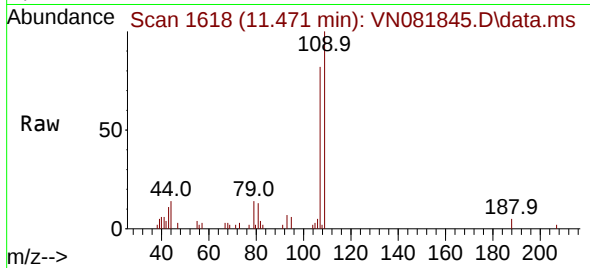
Tgt Ion:129 Resp: 16113
Ion Ratio Lower Upper
129 100
127 73.3 38.3 114.8





#61
1,2-Dibromoethane
Concen: 4.996 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

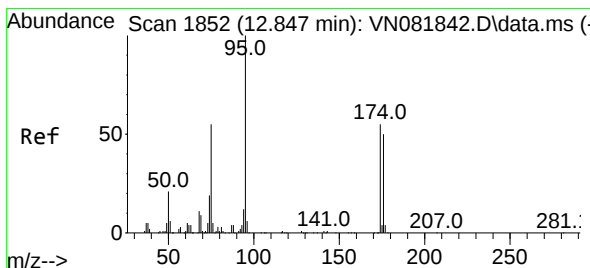
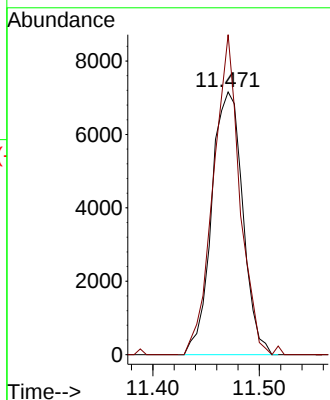
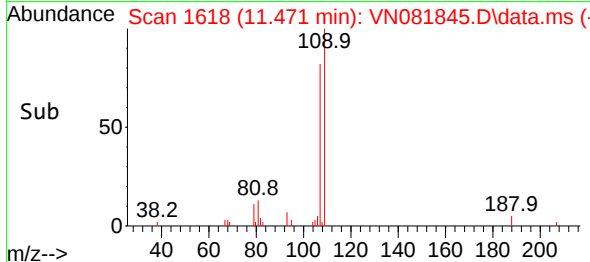
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 107 Resp: 1449
Ion Ratio Lower Upper
107 100
109 103.7 75.8 113.6

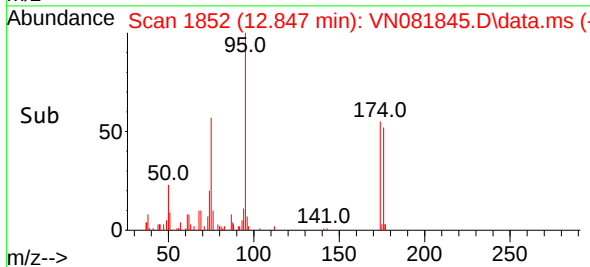
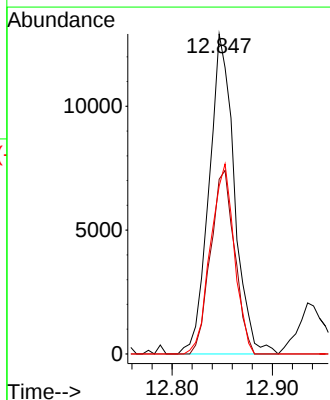
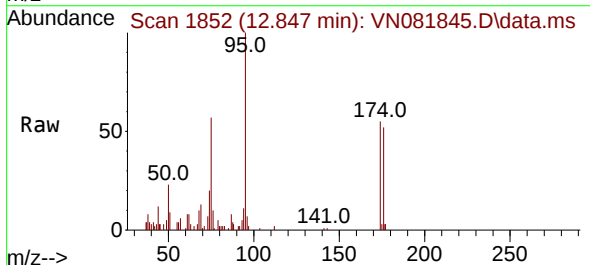
Manual Integrations
APPROVED

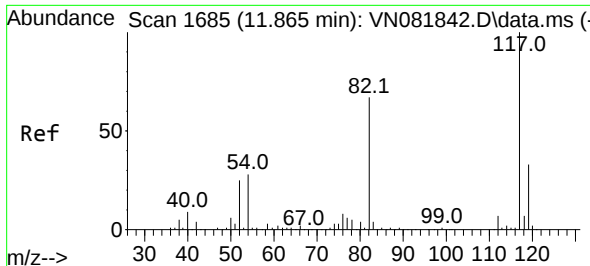
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#62
4-Bromofluorobenzene
Concen: 5.536 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

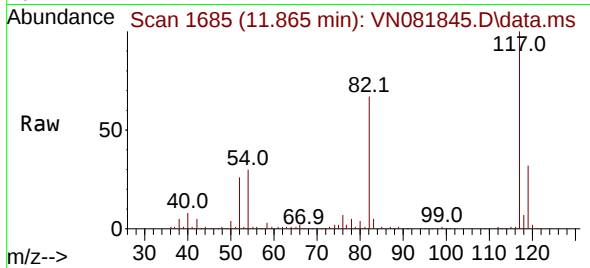
Tgt Ion: 95 Resp: 22674
Ion Ratio Lower Upper
95 100
174 54.6 0.0 160.6
176 55.7 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

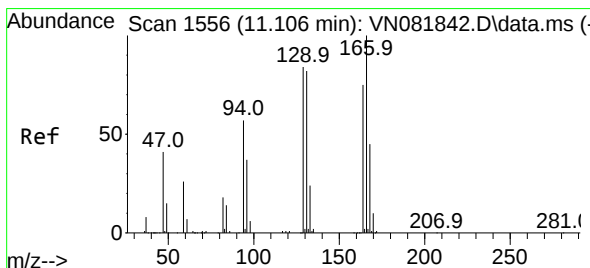
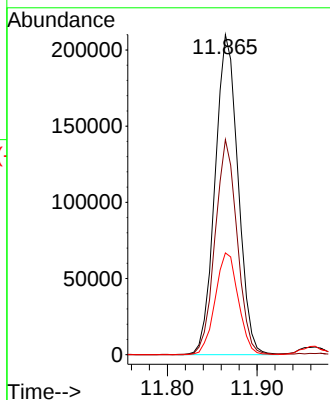
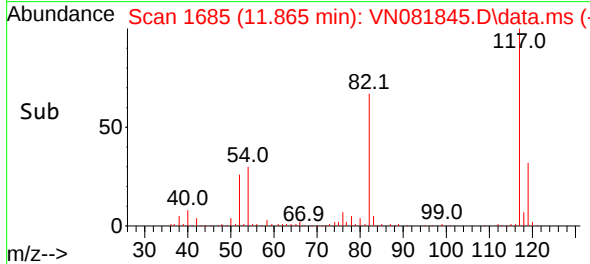
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



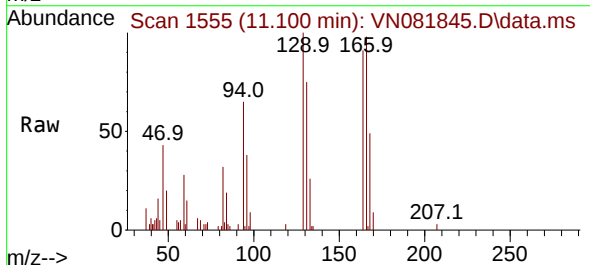
Tgt Ion:117 Resp: 373562
Ion Ratio Lower Upper
117 100
82 67.1 44.6 66.8
119 31.8 25.9 38.9

Manual Integrations
APPROVED

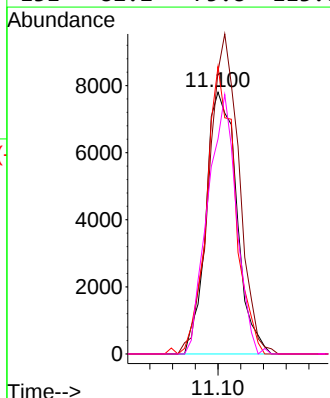
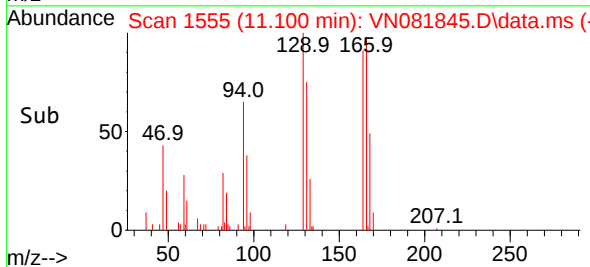
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

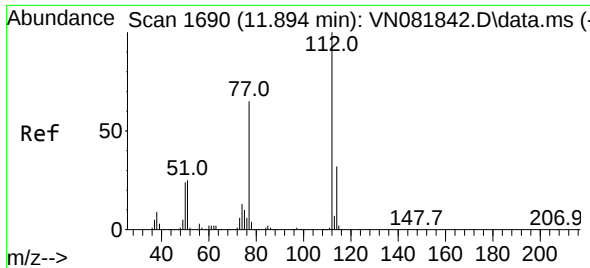


#64
Tetrachloroethene
Concen: 5.403 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



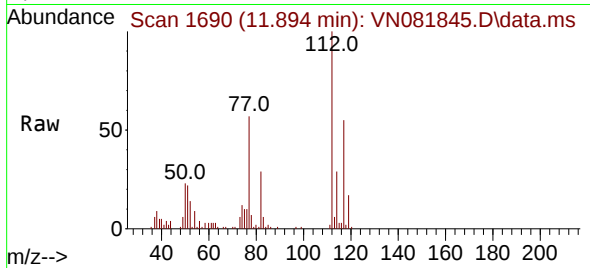
Tgt Ion:164 Resp: 14660
Ion Ratio Lower Upper
164 100
166 108.1 97.6 146.4
129 109.9 73.7 110.5
131 82.2 75.8 113.6





#65
Chlorobenzene
Concen: 5.092 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

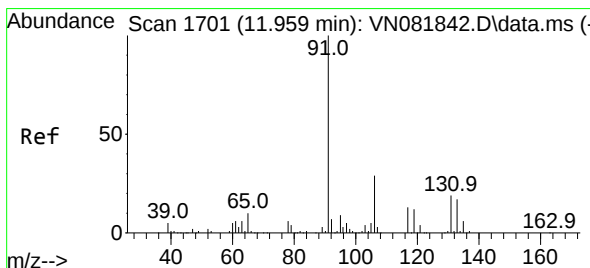
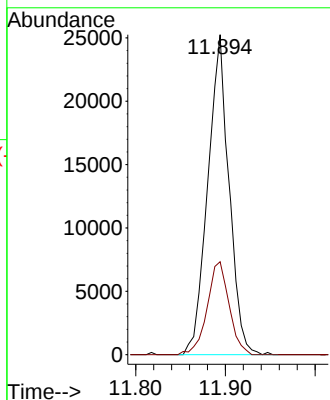
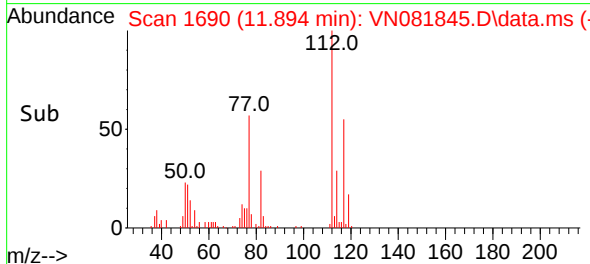
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



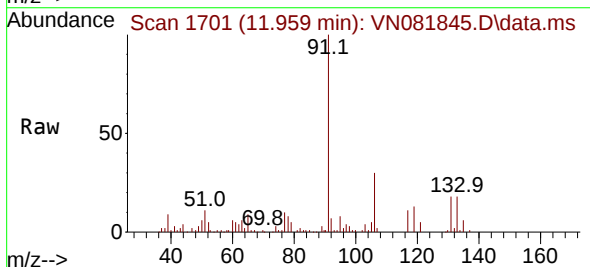
Tgt Ion:112 Resp: 4154
Ion Ratio Lower Upper
112 100
114 29.1 25.7 38.5

Manual Integrations
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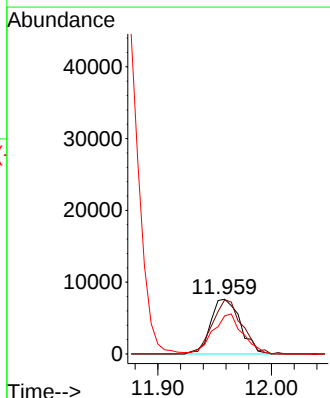
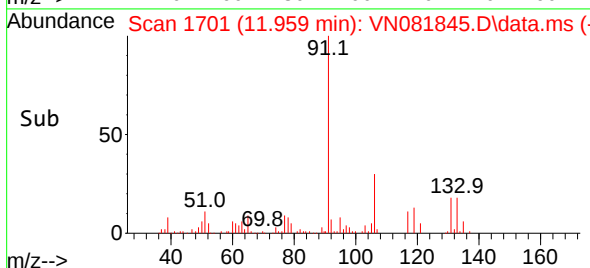
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

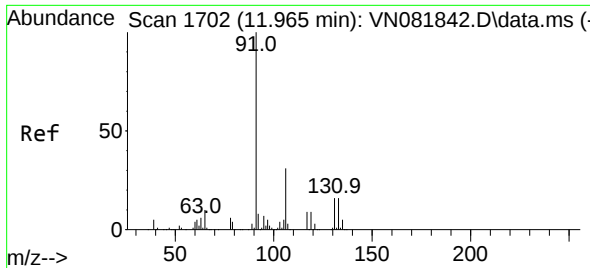


#66
1,1,1,2-Tetrachloroethane
Concen: 5.235 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



Tgt Ion:131 Resp: 13879
Ion Ratio Lower Upper
131 100
133 98.3 47.5 142.6
119 72.6 32.9 98.7





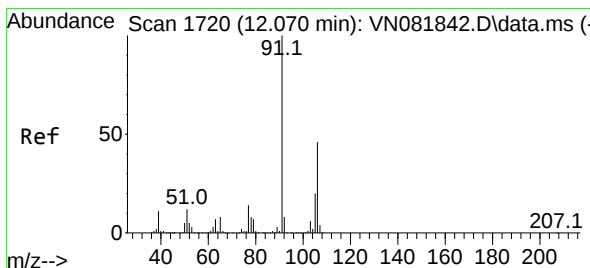
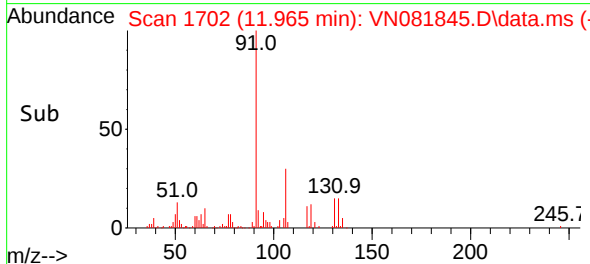
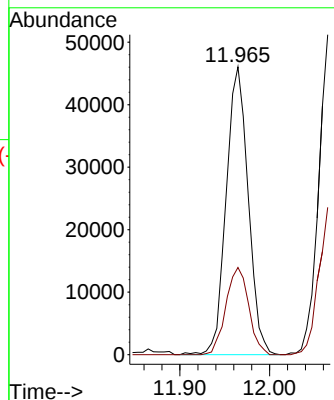
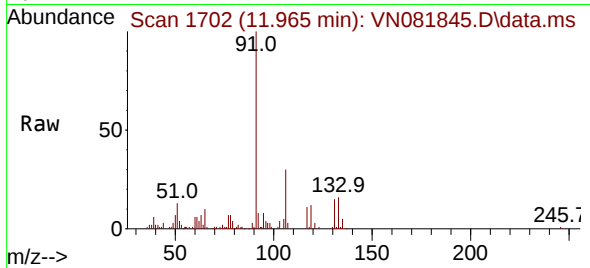
#67
Ethyl Benzene
Concen: 5.173 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 78480
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9

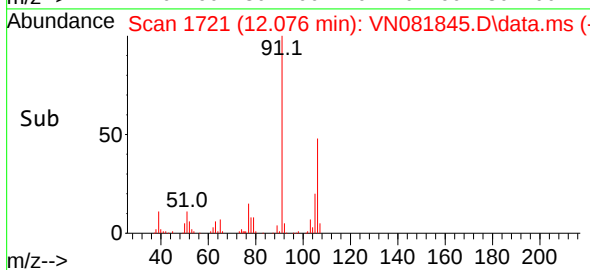
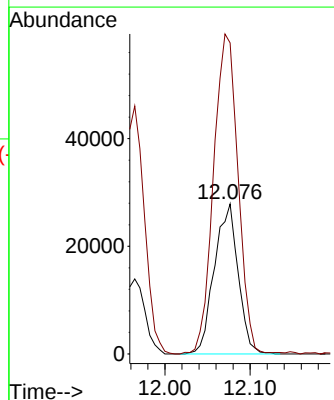
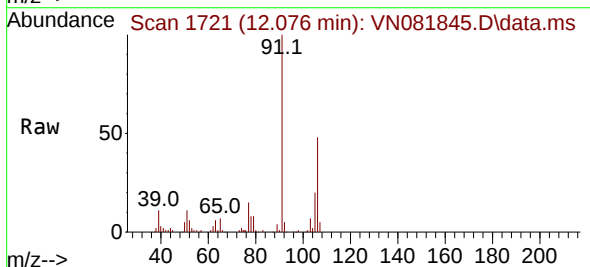
Manual Integrations
APPROVED

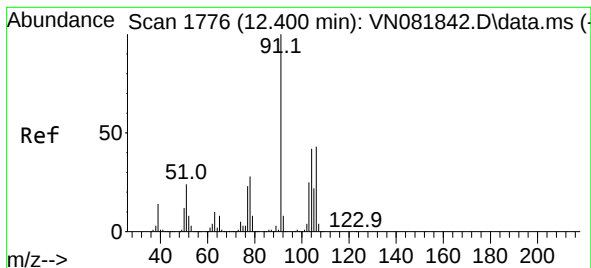
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#68
m/p-Xylenes
Concen: 9.980 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion:106 Resp: 54008
Ion Ratio Lower Upper
106 100
91 220.0 159.4 239.0





#69

o-Xylene

Concen: 5.338 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 28204

Ion Ratio Lower Upper

106 100

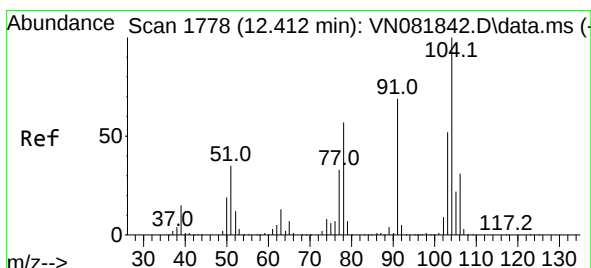
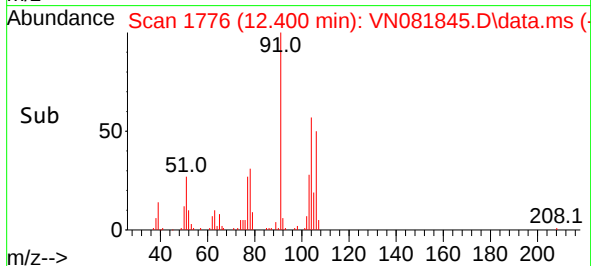
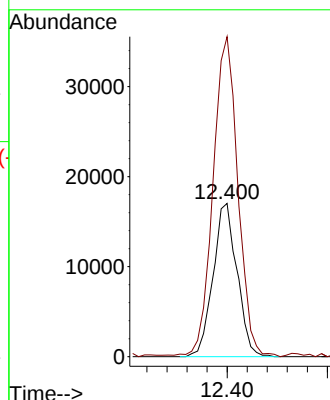
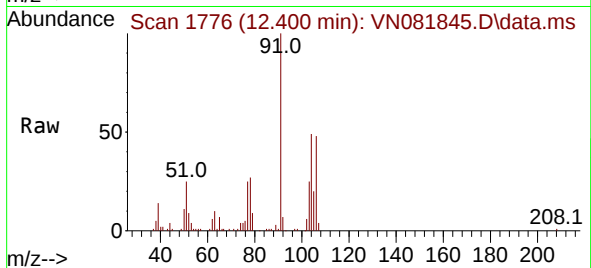
91 217.1 104.7 314.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#70

Styrene

Concen: 4.954 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

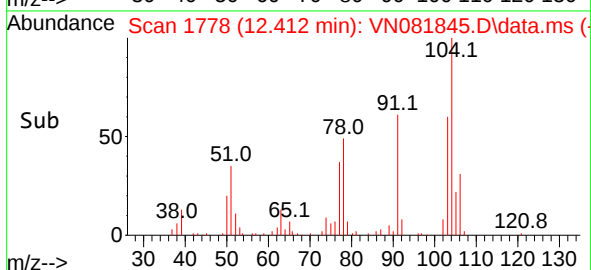
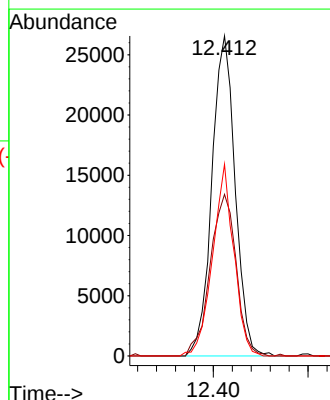
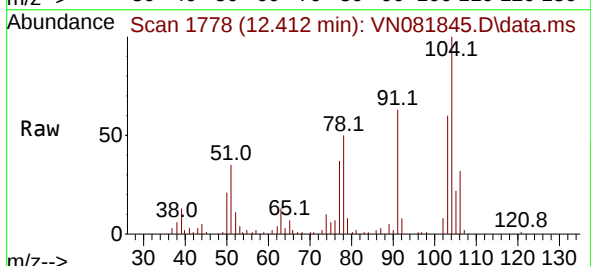
Tgt Ion:104 Resp: 45281

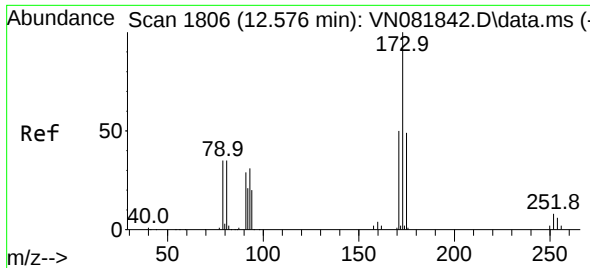
Ion Ratio Lower Upper

104 100

78 56.4 38.6 58.0

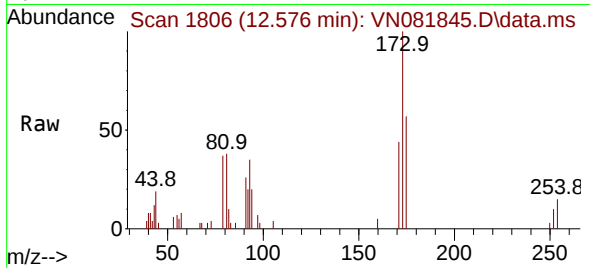
103 55.0 43.8 65.6





#71
Bromoform
Concen: 5.107 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

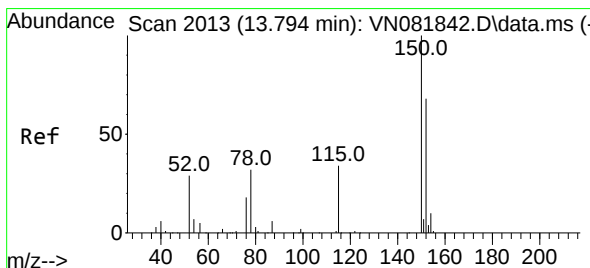
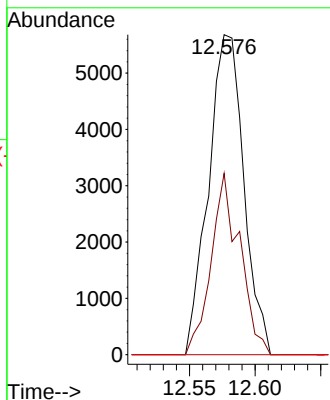
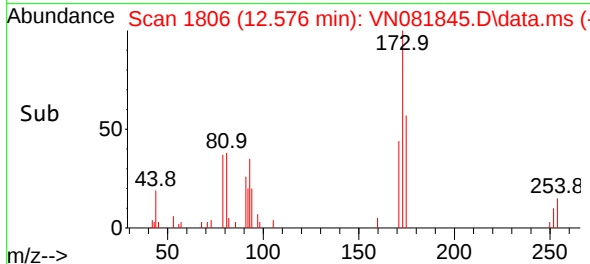
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



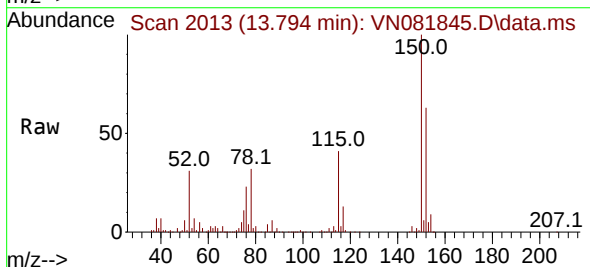
Tgt Ion:173 Resp: 10644
Ion Ratio Lower Upper
173 100
175 46.1 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

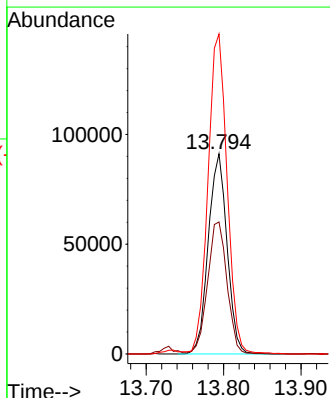
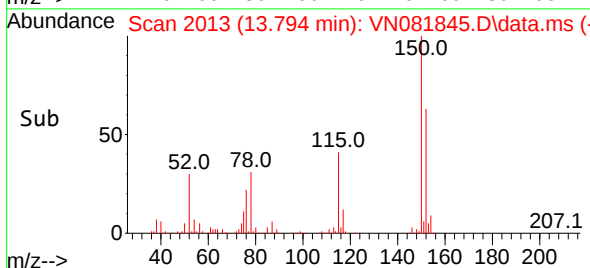
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

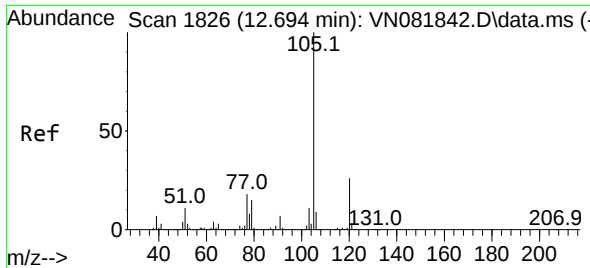


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



Tgt Ion:152 Resp: 153549
Ion Ratio Lower Upper
152 100
115 68.4 30.4 91.3
150 163.1 0.0 353.2





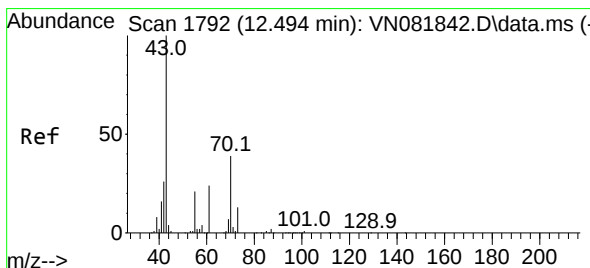
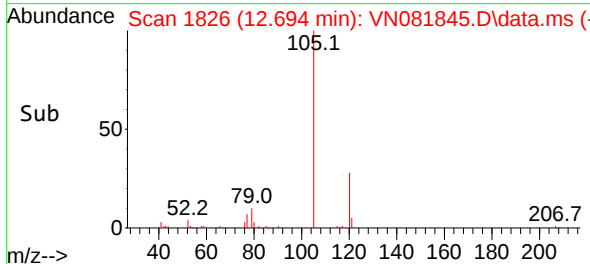
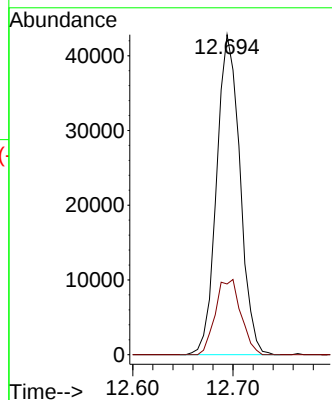
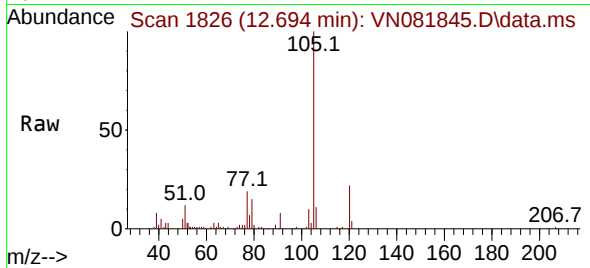
#73
Isopropylbenzene
Concen: 5.066 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 6915
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

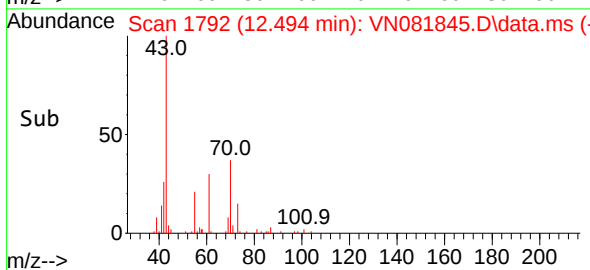
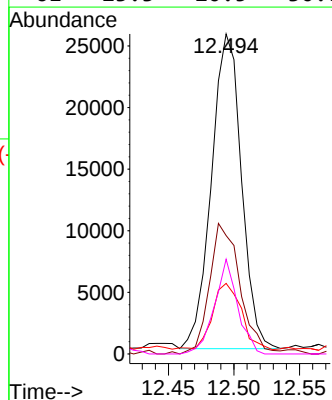
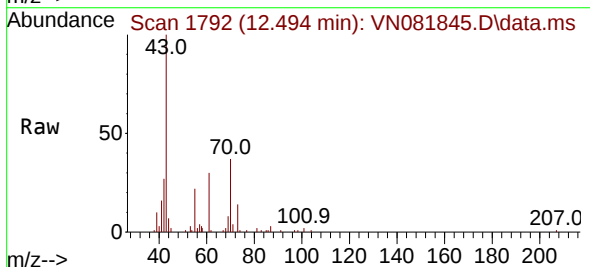
Manual Integrations
APPROVED

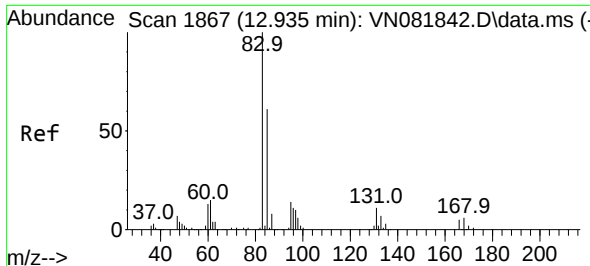
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#74
N-ethyl acetate
Concen: 5.346 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion: 43 Resp: 40632
Ion Ratio Lower Upper
43 100
70 42.3 39.0 58.4
55 19.5 21.3 31.9#
61 23.3 20.5 30.7





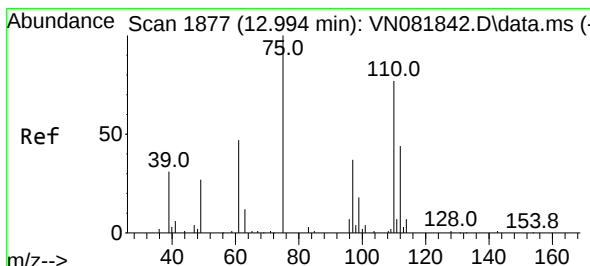
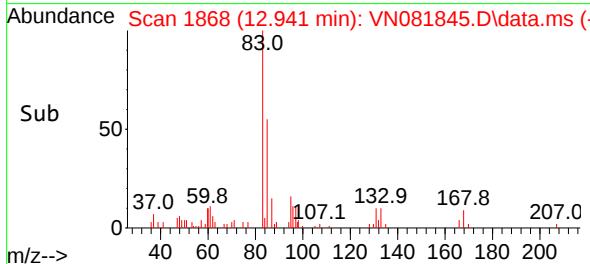
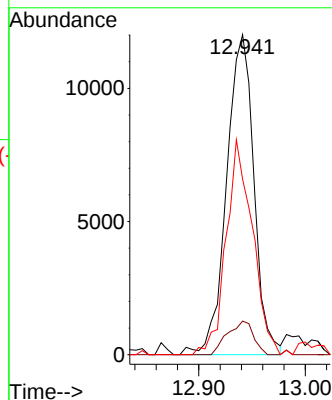
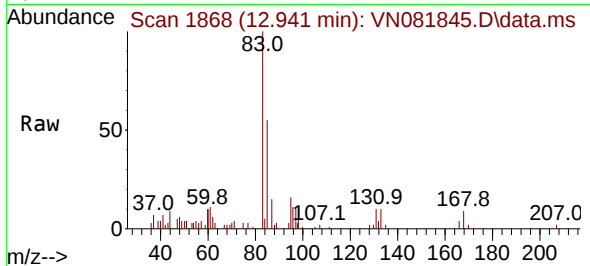
#75
1,1,2,2-Tetrachloroethane
Concen: 5.237 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 21468
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.4
85 65.0 32.9 98.6

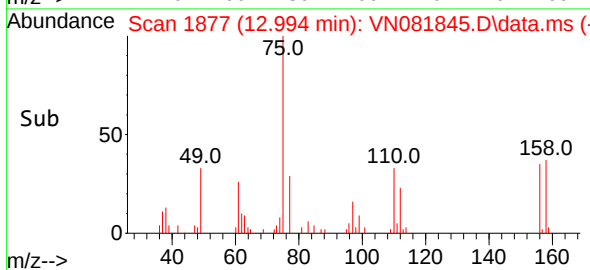
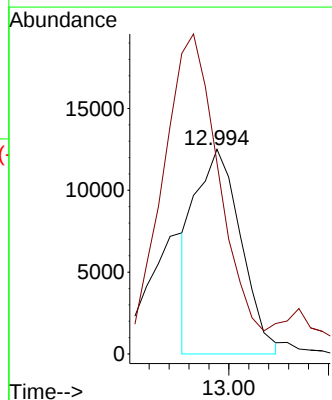
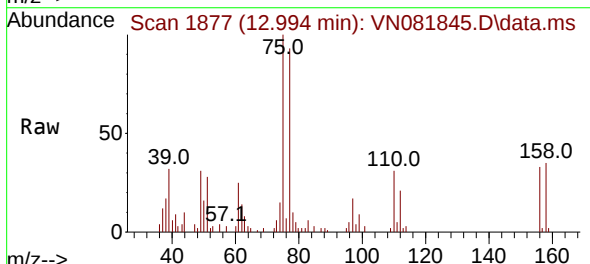
Manual Integrations
APPROVED

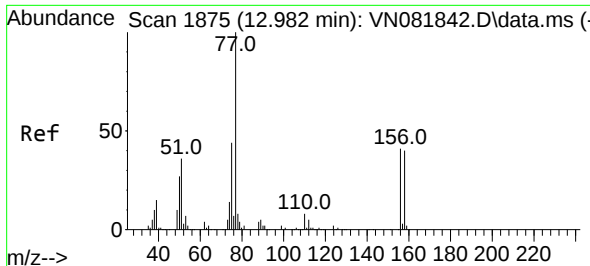
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#76
1,2,3-Trichloropropane
Concen: 5.013 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

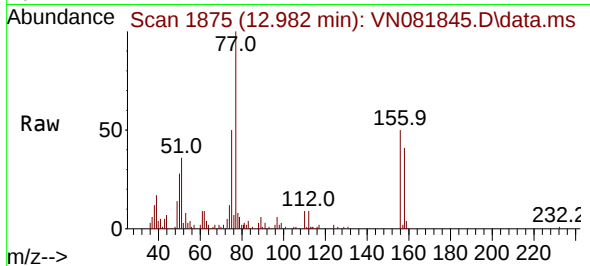
Tgt Ion: 75 Resp: 20000
Ion Ratio Lower Upper
75 100
77 198.4 90.5 271.3





#77
Bromobenzene
Concen: 5.204 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

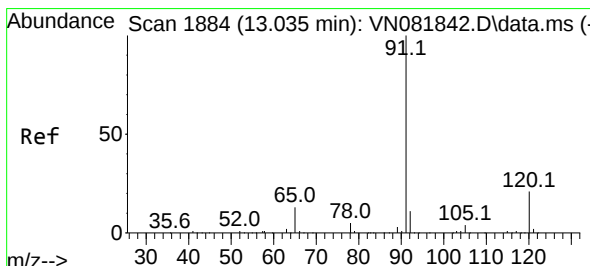
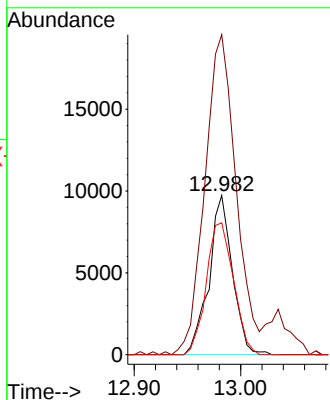
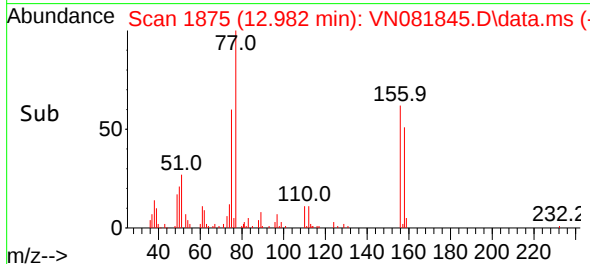
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



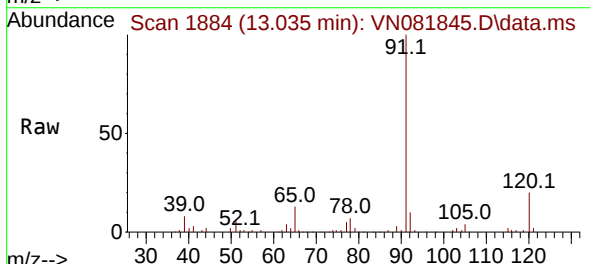
Tgt Ion:156 Resp: 1486
Ion Ratio Lower Upper
156 100
77 266.9 100.2 300.6
158 96.1 49.1 147.3

Manual Integrations
APPROVED

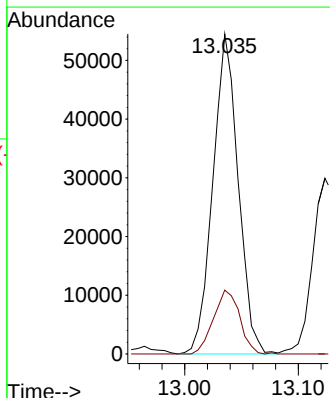
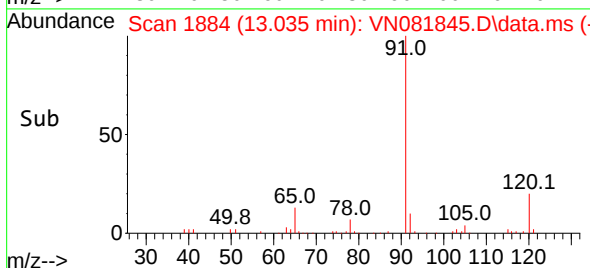
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

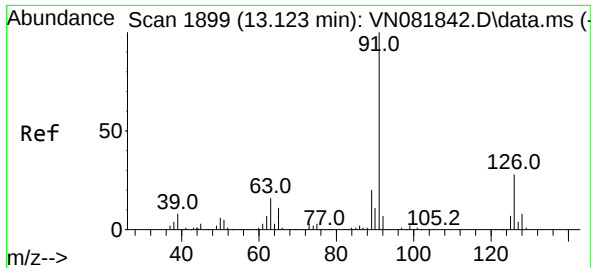


#78
n-propylbenzene
Concen: 5.096 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



Tgt Ion: 91 Resp: 84513
Ion Ratio Lower Upper
91 100
120 20.6 11.7 35.0





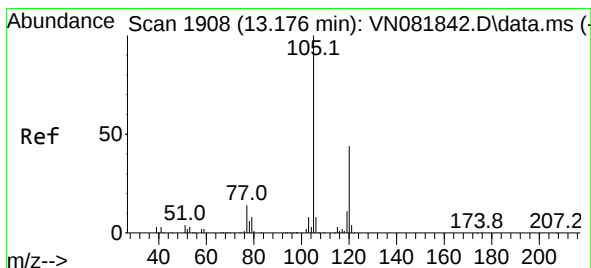
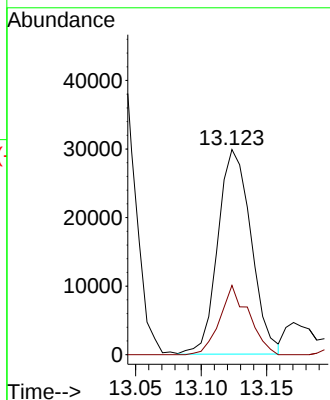
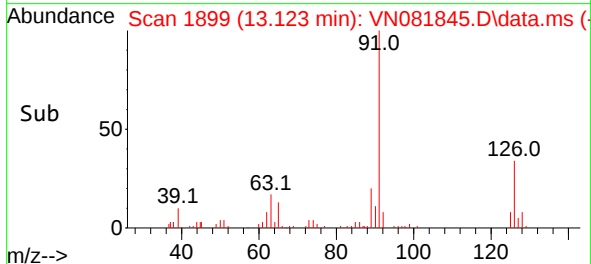
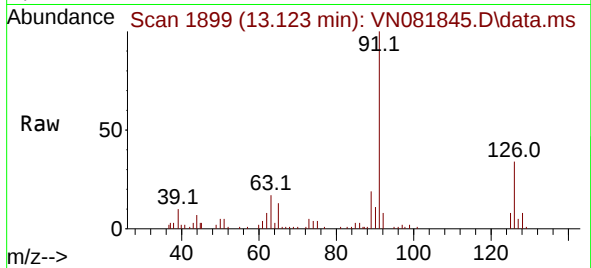
#79
2-Chlorotoluene
Concen: 5.000 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 52750
Ion Ratio Lower Upper
91 100
126 29.5 17.5 52.5

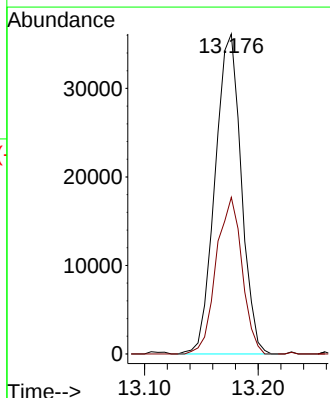
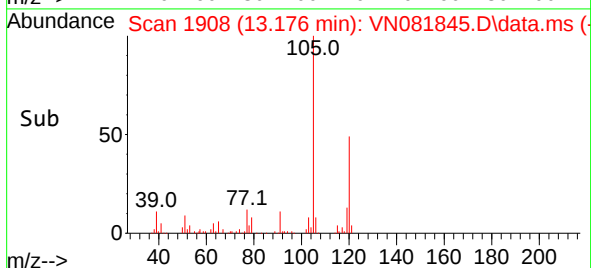
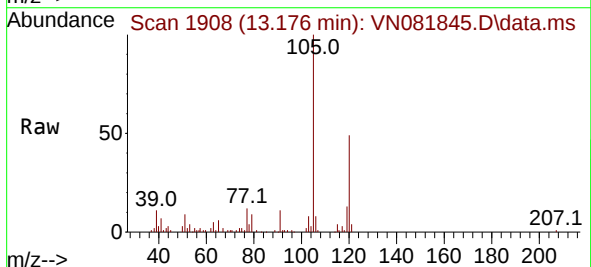
Manual Integrations
APPROVED

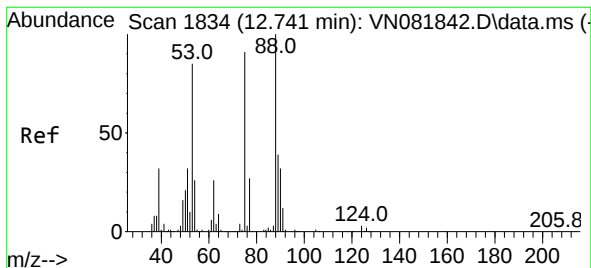
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.008 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

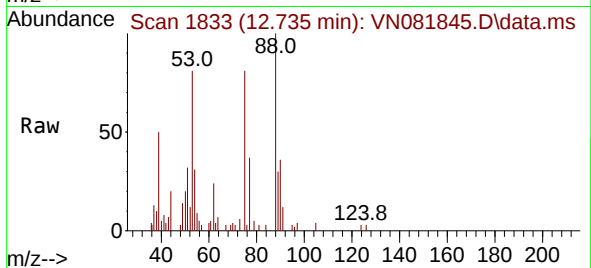
Tgt Ion:105 Resp: 57850
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.387 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

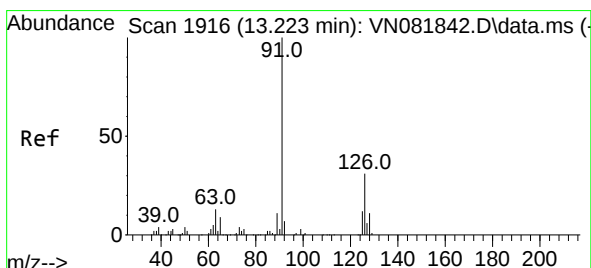
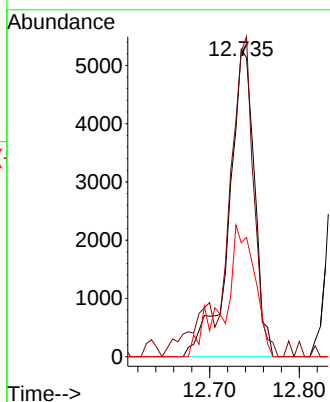
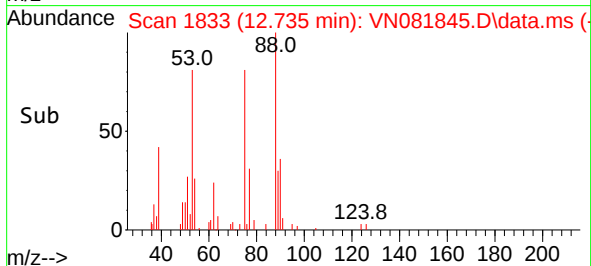
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1046
Ion Ratio Lower Upper
75 100
53 90.5 72.9 109.3
89 50.8 39.1 58.7

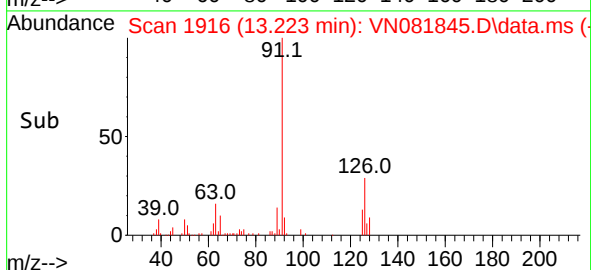
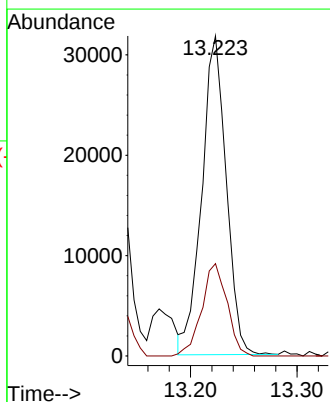
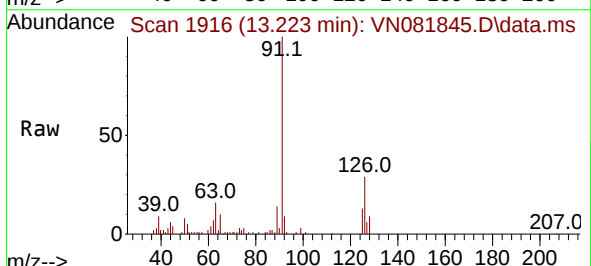
Manual Integrations
APPROVED

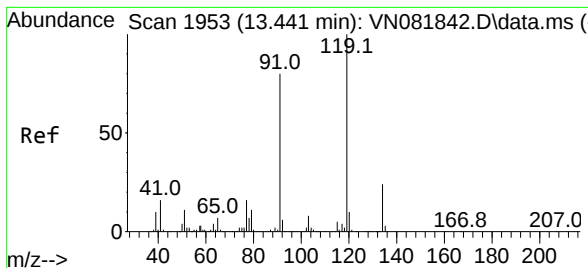
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#82
4-Chlorotoluene
Concen: 4.942 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

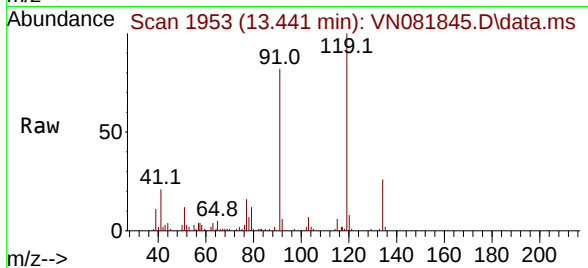
Tgt Ion: 91 Resp: 50619
Ion Ratio Lower Upper
91 100
126 30.1 17.4 52.3





#83
tert-Butylbenzene
Concen: 5.104 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

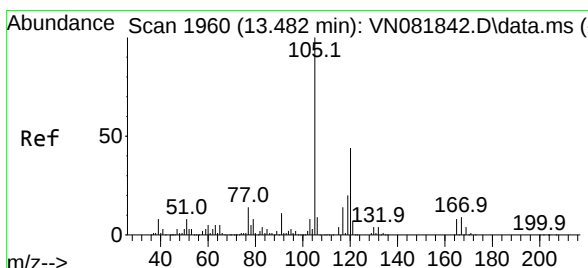
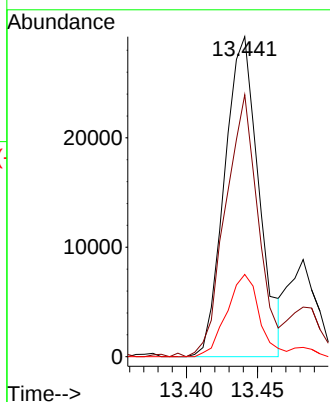
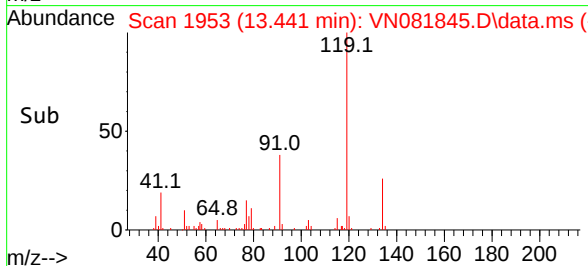
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



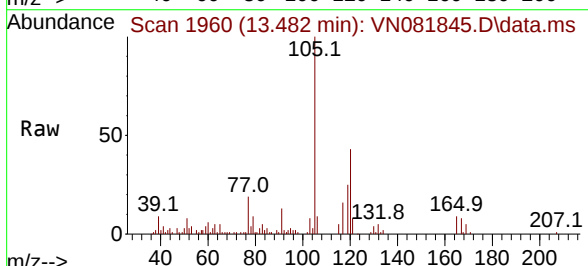
Tgt Ion:119 Resp: 49099
Ion Ratio Lower Upper
119 100
91 78.4 32.6 97.8
134 24.4 12.4 37.0

Manual Integrations
APPROVED

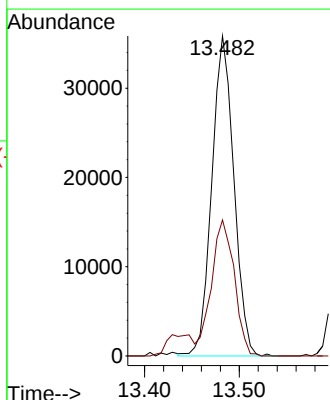
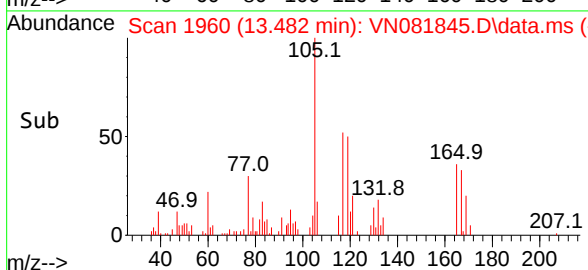
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

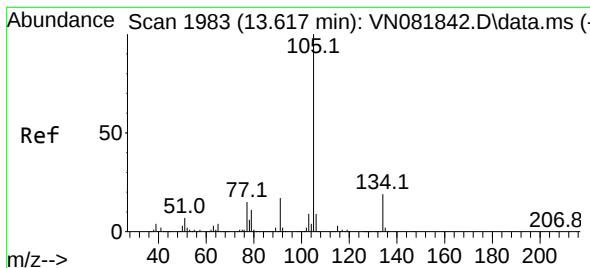


#84
1,2,4-Trimethylbenzene
Concen: 5.024 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07



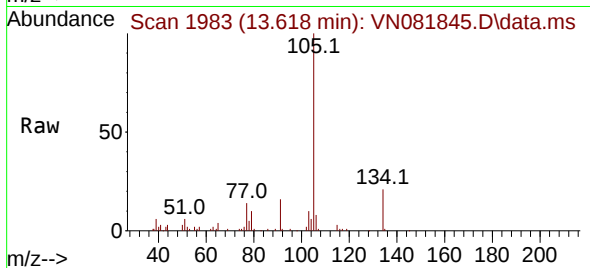
Tgt Ion:105 Resp: 57965
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 4.921 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081845.D
 Acq: 25 Apr 2024 12:07

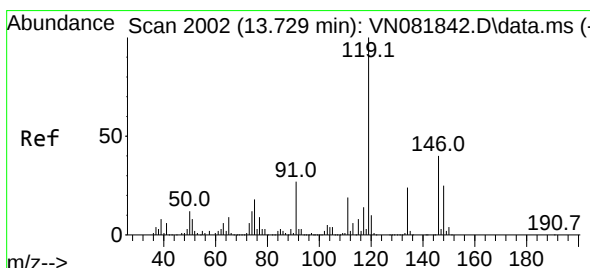
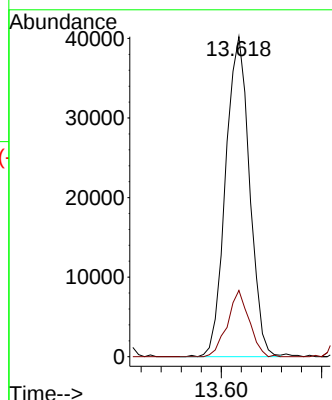
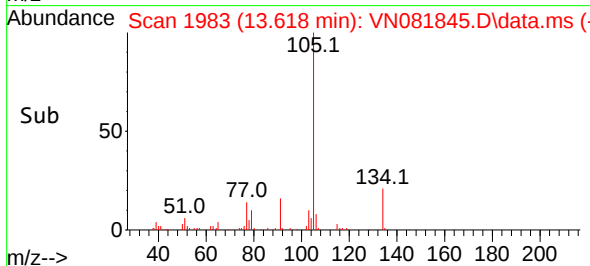
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



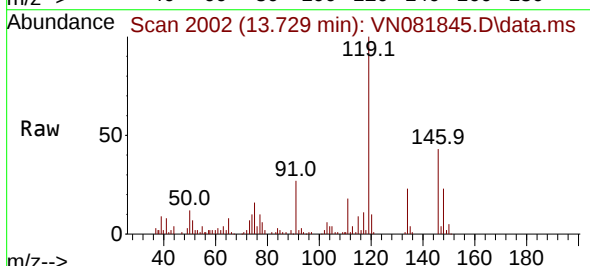
Tgt Ion:105 Resp: 6668
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.2 30.4

Manual Integrations
 APPROVED

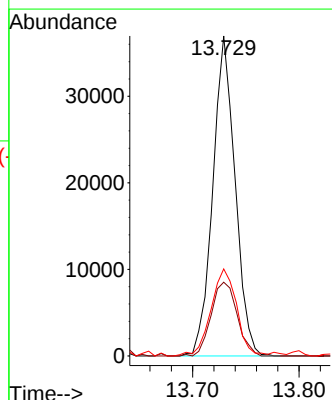
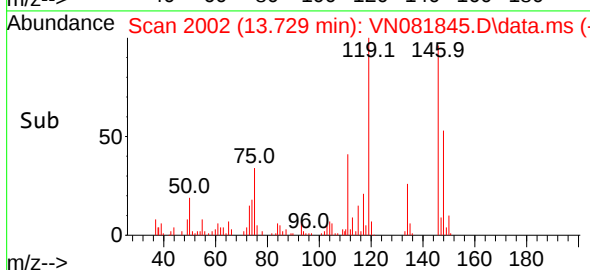
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

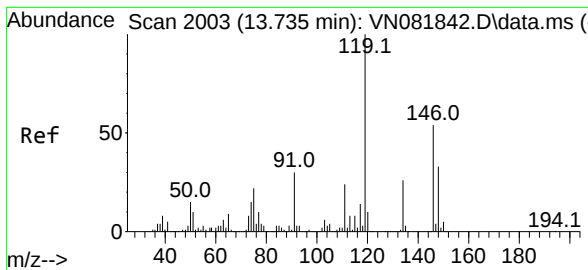


#86
 p-Isopropyltoluene
 Concen: 4.940 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081845.D
 Acq: 25 Apr 2024 12:07



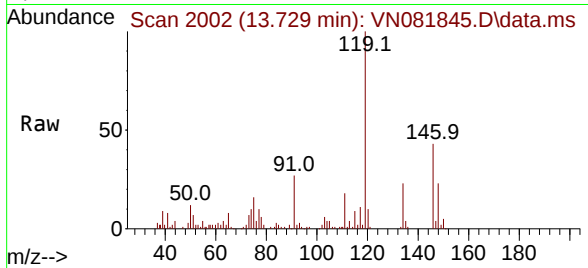
Tgt Ion:119 Resp: 53757
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 31.2 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 5.166 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

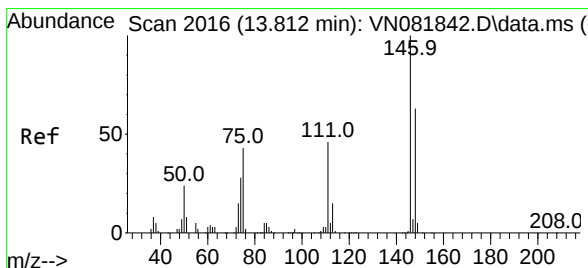
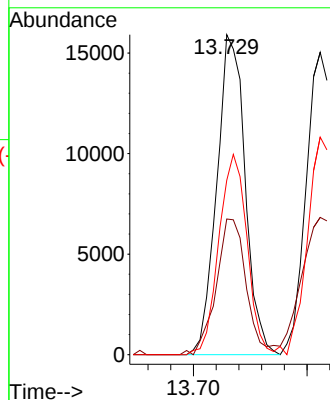
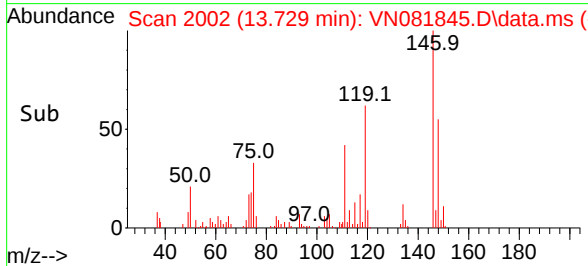
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 27539
Ion Ratio Lower Upper
146 100
111 44.2 20.8 62.5
148 62.3 32.1 96.3

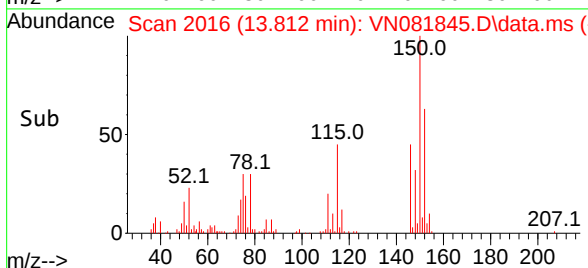
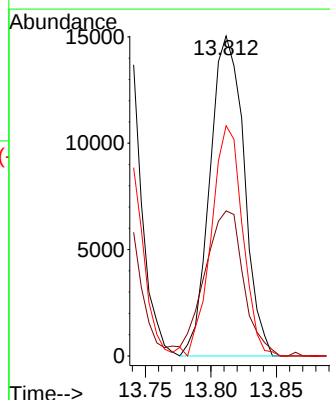
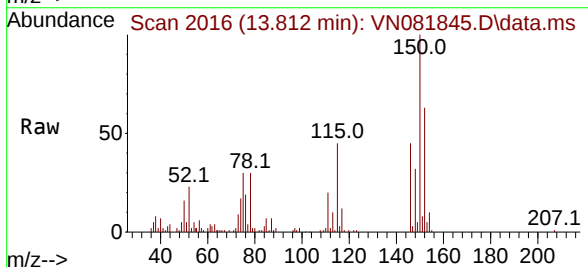
Manual Integrations
APPROVED

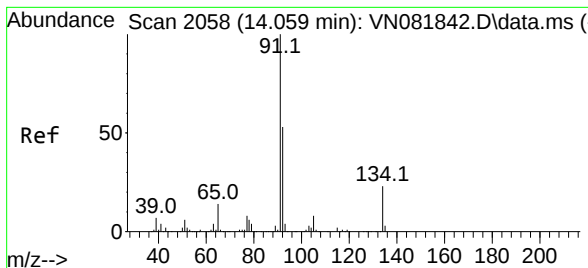
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#88
1,4-Dichlorobenzene
Concen: 5.188 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion:146 Resp: 27233
Ion Ratio Lower Upper
146 100
111 52.5 19.3 57.9
148 66.1 31.3 93.9





#89

n-Butylbenzene

Concen: 4.921 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

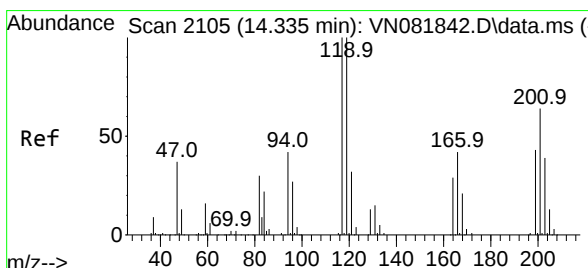
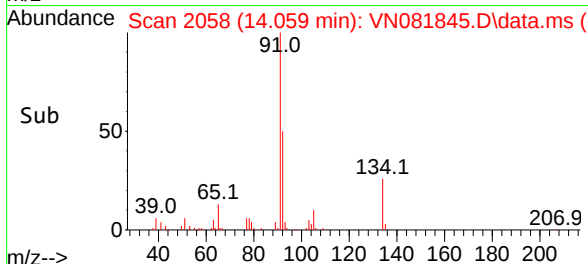
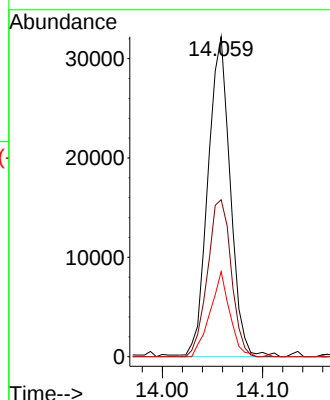
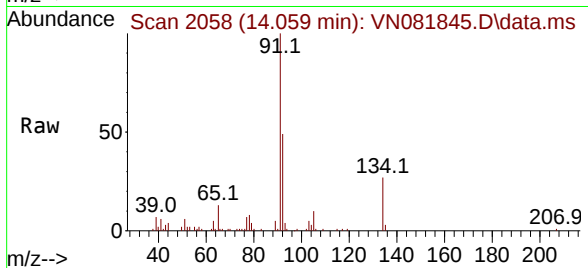
Tgt Ion:	91	Resp:	4984
Ion Ratio	Lower	Upper	
91	100		
92	52.0	26.2	78.5
134	23.5	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#90

Hexachloroethane

Concen: 5.213 ug/l

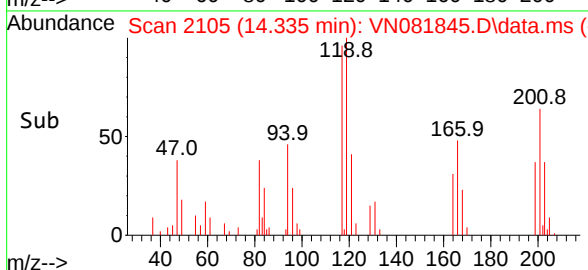
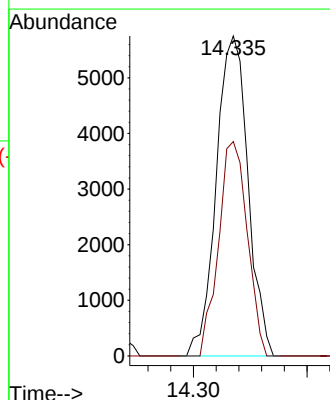
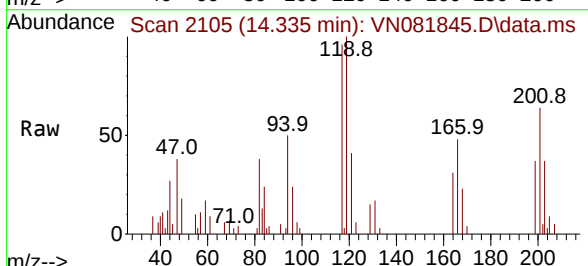
RT: 14.335 min Scan# 2105

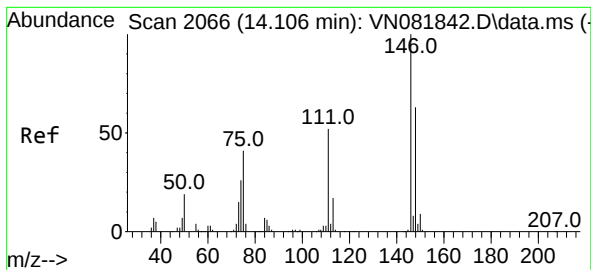
Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Tgt Ion:	117	Resp:	11159
Ion Ratio	Lower	Upper	
117	100		
201	60.7	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 5.128 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

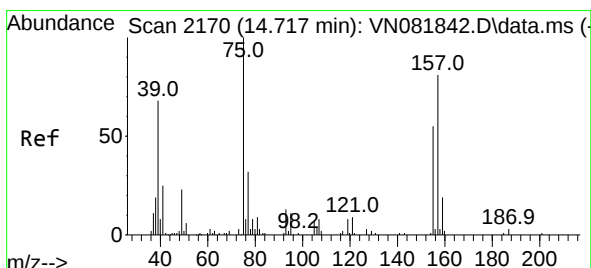
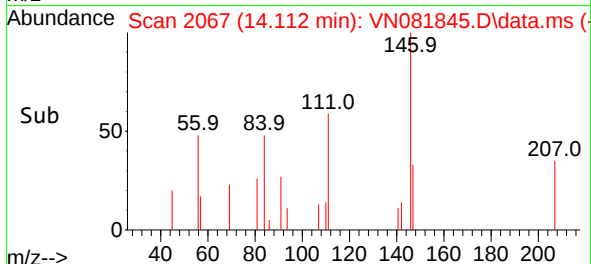
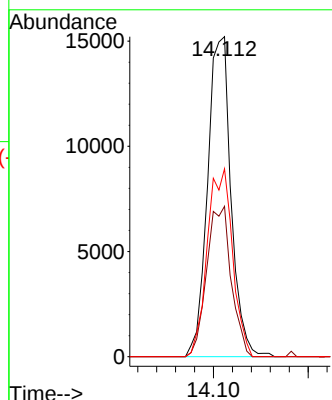
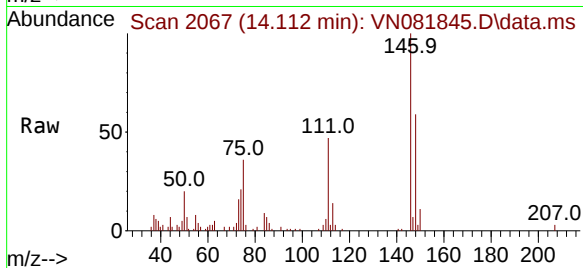
Tgt Ion:	146	Resp:	2620
Ion Ratio	Lower	Upper	
146	100		
111	49.1	21.3	64.0
148	62.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.800 ug/l

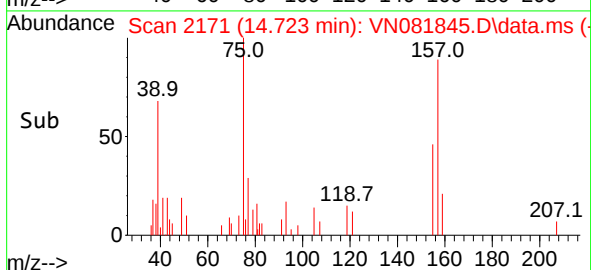
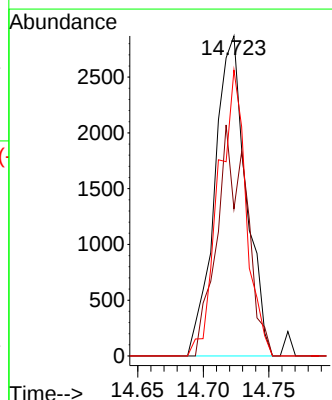
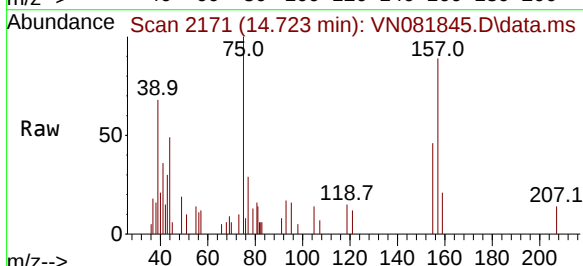
RT: 14.723 min Scan# 2171

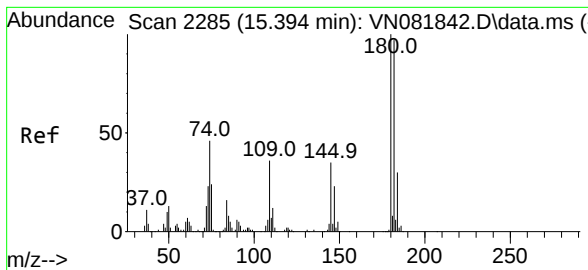
Delta R.T. 0.006 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

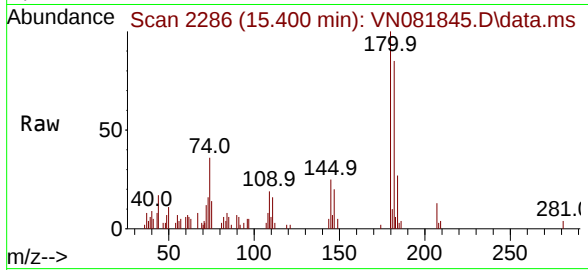
Tgt Ion:	75	Resp:	4791
Ion Ratio	Lower	Upper	
75	100		
155	68.5	42.6	128.0
157	78.8	53.0	159.0





#93
1,2,4-Trichlorobenzene
Concen: 4.889 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

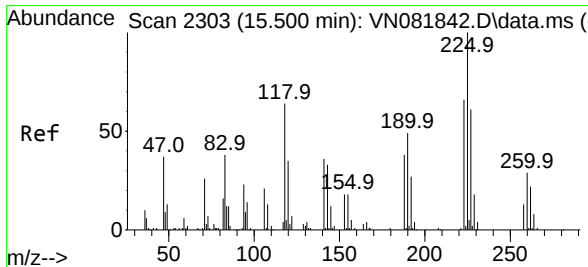
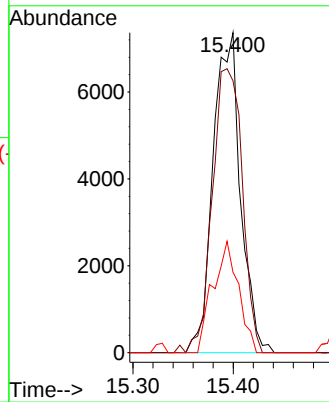
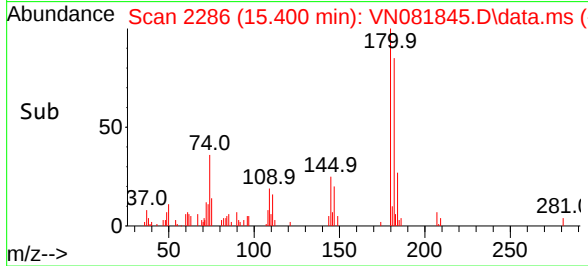
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:180 Resp: 1397
Ion Ratio Lower Upper
180 100
182 97.0 46.7 140.0
145 32.6 16.2 48.6

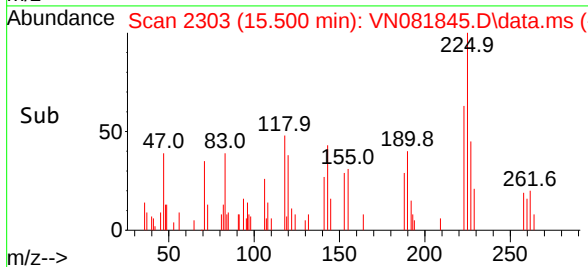
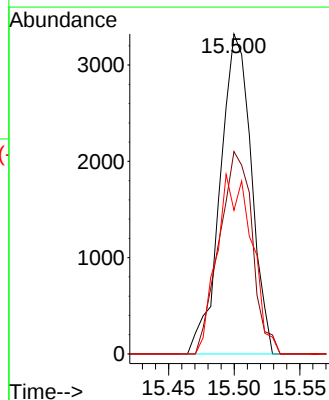
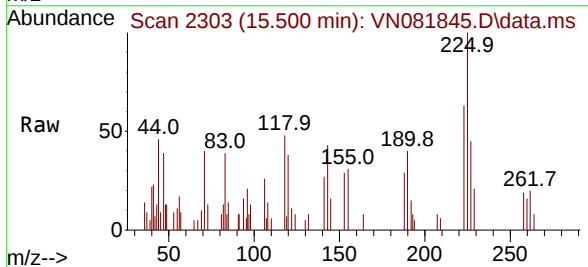
Manual Integrations
APPROVED

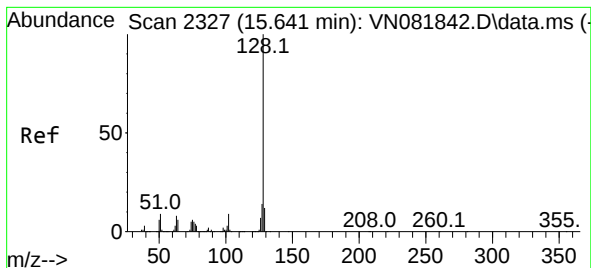
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#94
Hexachlorobutadiene
Concen: 5.194 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081845.D
Acq: 25 Apr 2024 12:07

Tgt Ion:225 Resp: 5473
Ion Ratio Lower Upper
225 100
223 67.4 31.1 93.2
227 63.4 30.6 91.6





#95

Naphthalene

Concen: 4.929 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

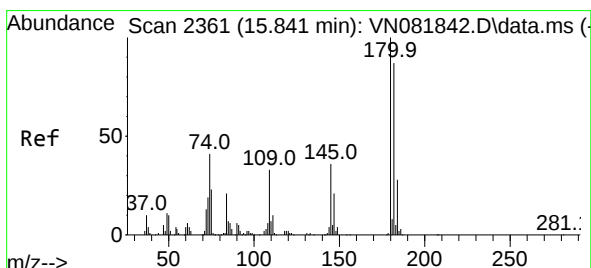
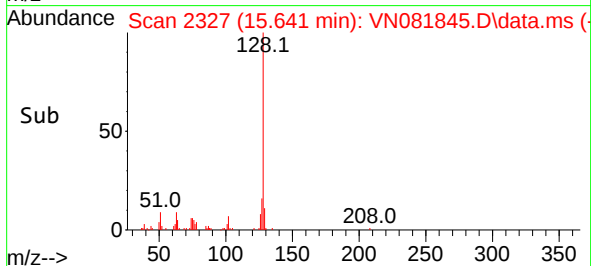
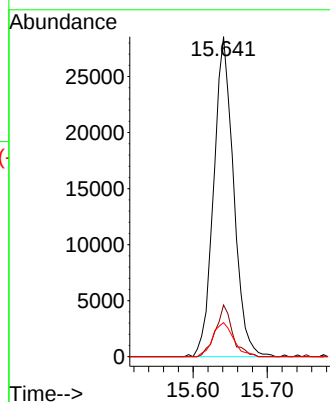
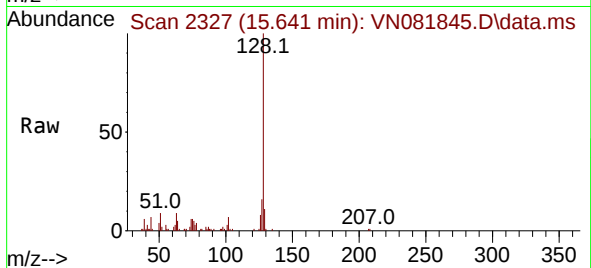
Tgt Ion:	128	Resp:	5324
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.1	15.1
129	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.974 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081845.D

Acq: 25 Apr 2024 12:07

Tgt Ion:	180	Resp:	13652
Ion Ratio	Lower	Upper	
180	100		
182	98.8	46.0	137.8
145	35.0	17.1	51.3

