

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078081.D
 Acq On : 06 Jun 2023 21:47
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: Jun 07 04:29:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	487593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	869992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	761420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	297684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250314	38.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.000%		
35) Dibromofluoromethane	8.171	113	215119	39.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.220%		
50) Toluene-d8	10.571	98	843941	39.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	79.600%#		
62) 4-Bromofluorobenzene	12.853	95	267000	40.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	204101	37.030	ug/l	99
3) Chloromethane	2.371	50	217596	41.660	ug/l	99
4) Vinyl Chloride	2.524	62	275571	38.182	ug/l	97
5) Bromomethane	2.959	94	209020	38.321	ug/l	91
6) Chloroethane	3.124	64	182772	37.149	ug/l	99
7) Trichlorofluoromethane	3.506	101	371710	37.979	ug/l	96
8) Diethyl Ether	3.971	74	128053	37.236	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	195146	37.781	ug/l	96
10) Methyl Iodide	4.606	142	293847	40.227	ug/l	94
11) Tert butyl alcohol	5.536	59	177132	197.325	ug/l	98
12) 1,1-Dichloroethene	4.353	96	199281	41.126	ug/l	94
13) Acrolein	4.195	56	189434	191.474	ug/l	96
14) Allyl chloride	5.036	41	270520	41.621	ug/l	96
15) Acrylonitrile	5.730	53	455672	196.892	ug/l	98
16) Acetone	4.442	43	357689	191.149	ug/l	97
17) Carbon Disulfide	4.724	76	513549	37.472	ug/l	99
18) Methyl Acetate	5.036	43	325354	37.765	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	670513	39.469	ug/l	97
20) Methylene Chloride	5.283	84	228808	37.002	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	220711	38.432	ug/l	94
22) Diisopropyl ether	6.683	45	604887	39.564	ug/l	96
23) Vinyl Acetate	6.612	43	1846758	203.203	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	396580	39.321	ug/l	97
25) 2-Butanone	7.494	43	584308	203.055	ug/l	90
26) 2,2-Dichloropropane	7.500	77	296704	39.842	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	260566	38.038	ug/l	95
28) Bromochloromethane	7.824	49	183273	39.578	ug/l	94
29) Tetrahydrofuran	7.847	42	384960	200.116	ug/l	87
30) Chloroform	7.971	83	436043	40.150	ug/l	95
31) Cyclohexane	8.265	56	315934	37.884	ug/l	94
32) 1,1,1-Trichloroethane	8.183	97	382406	40.107	ug/l	98
36) 1,1-Dichloropropene	8.377	75	316614	40.127	ug/l	99
37) Ethyl Acetate	7.565	43	249540	40.484	ug/l #	95
38) Carbon Tetrachloride	8.371	117	341272	40.962	ug/l	98
39) Methylcyclohexane	9.606	83	328379	40.159	ug/l	91
40) Benzene	8.612	78	951533	40.395	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	124598	37.293	ug/l	96
42) 1,2-Dichloroethane	8.677	62	323643	40.072	ug/l	98
43) Isopropyl Acetate	8.694	43	442550	37.542	ug/l	94
44) Trichloroethene	9.359	130	244983	39.381	ug/l	95
45) 1,2-Dichloropropane	9.630	63	237966	40.603	ug/l	98
46) Dibromomethane	9.712	93	170668	39.536	ug/l	94
47) Bromodichloromethane	9.894	83	331210	41.305	ug/l	98
48) Methyl methacrylate	9.688	41	203792	41.195	ug/l	90
49) 1,4-Dioxane	9.706	88	82160	790.191	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1263461	203.537	ug/l	95
52) Toluene	10.635	92	603002	40.545	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	347913	41.661	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	375268	40.652	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	233827	41.561	ug/l	99
56) Ethyl methacrylate	10.882	69	341482	41.684	ug/l	90
57) 1,3-Dichloropropane	11.171	76	392239	41.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	698203	210.979	ug/l	95
59) 2-Hexanone	11.200	43	913460	211.339	ug/l	92
60) Dibromochloromethane	11.365	129	256228	41.620	ug/l	99
61) 1,2-Dibromoethane	11.476	107	241450	40.894	ug/l	100
64) Tetrachloroethene	11.112	164	195301	38.447	ug/l	96
65) Chlorobenzene	11.894	112	635298	38.960	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	235801	39.317	ug/l	97
67) Ethyl Benzene	11.971	91	1132709	40.258	ug/l	99
68) m/p-Xylenes	12.076	106	868325	80.980	ug/l	100
69) o-Xylene	12.406	106	426626	40.516	ug/l	97
70) Styrene	12.418	104	683812	41.250	ug/l	98
71) Bromoform	12.582	173	161284	41.671	ug/l #	99
73) Isopropylbenzene	12.700	105	1039454	36.926	ug/l	99
74) N-amyl acetate	12.500	43	352186	37.992	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	322478	41.221	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	261353m	36.980	ug/l	
77) Bromobenzene	12.988	156	250268	38.299	ug/l	93
78) n-propylbenzene	13.041	91	1156360	37.809	ug/l	97
79) 2-Chlorotoluene	13.129	91	724714	36.709	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	853143	37.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	89394	39.027	ug/l	93
82) 4-Chlorotoluene	13.229	91	683496	37.096	ug/l	98
83) tert-Butylbenzene	13.447	119	735596	37.131	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	848643	38.407	ug/l	99
85) sec-Butylbenzene	13.623	105	965183	37.223	ug/l	99
86) p-Isopropyltoluene	13.735	119	813781	38.674	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	419167	37.922	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	405151	37.986	ug/l	100
89) n-Butylbenzene	14.065	91	636399	38.344	ug/l	97
90) Hexachloroethane	14.341	117	139034	37.232	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	408264	37.792	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55538	39.831	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	162876	42.317	ug/l	99
94) Hexachlorobutadiene	15.511	225	79922	41.929	ug/l	98
95) Naphthalene	15.647	128	534465	41.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	171254	39.782	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 04:24:57 2023
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

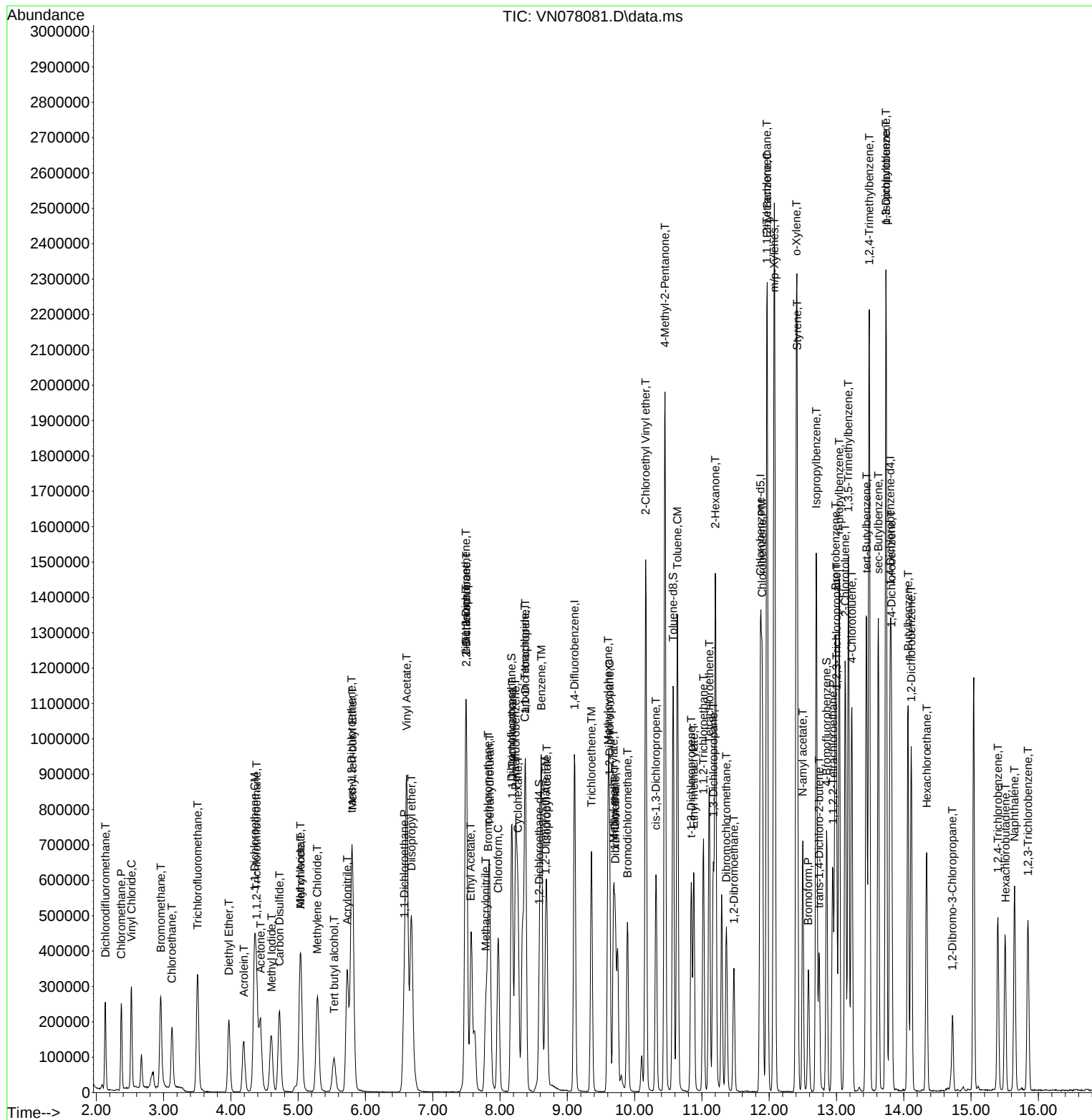
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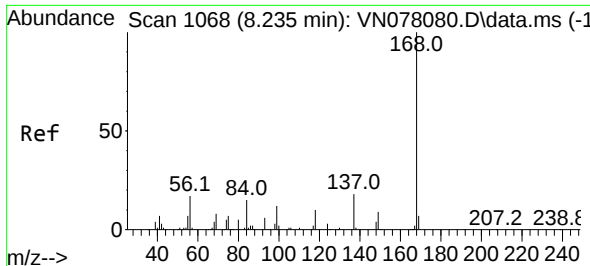
Instrument :
MSVOA_N
ClientSampleId :
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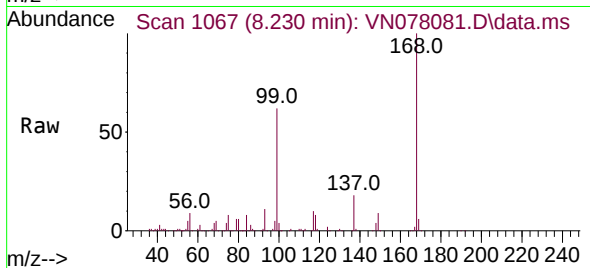
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN078081.D
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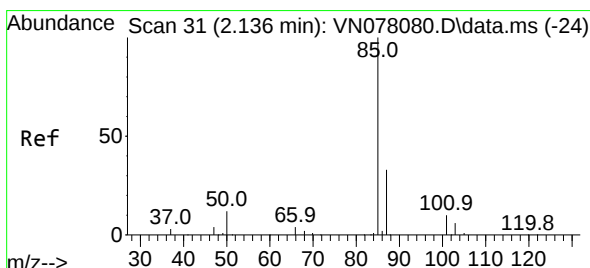
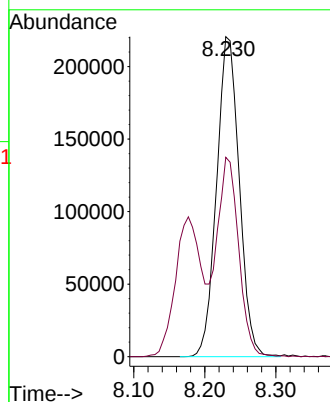
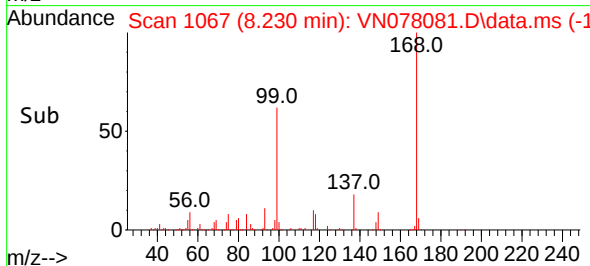
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:168 Resp: 48759
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6

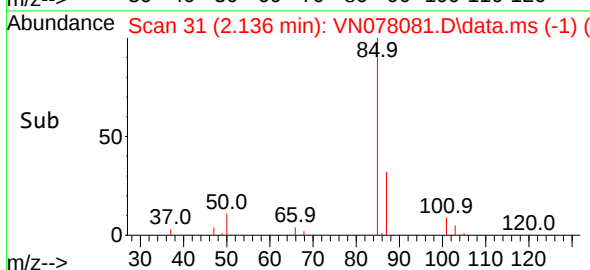
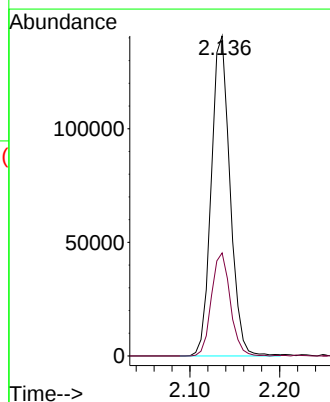
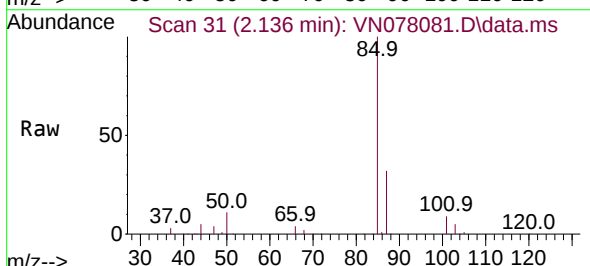
Manual Integrations
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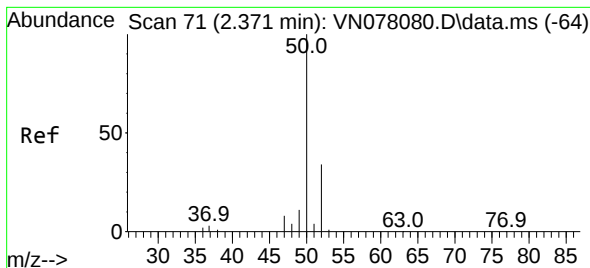
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#2
Dichlorodifluoromethane
Concen: 37.030 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 85 Resp: 204101
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3

Chloromethane

Concen: 41.660 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 50 Resp: 217590

Ion Ratio Lower Upper

50 100

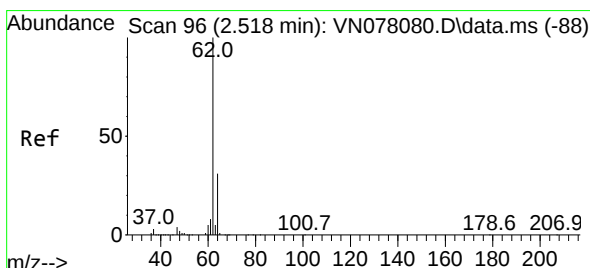
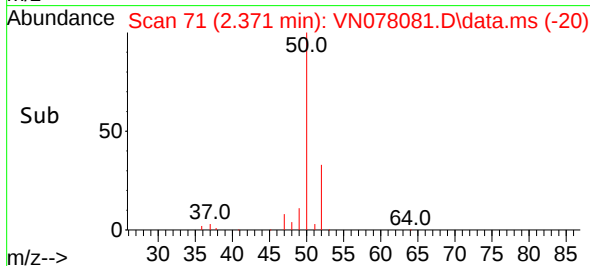
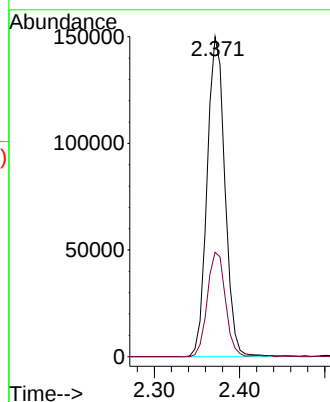
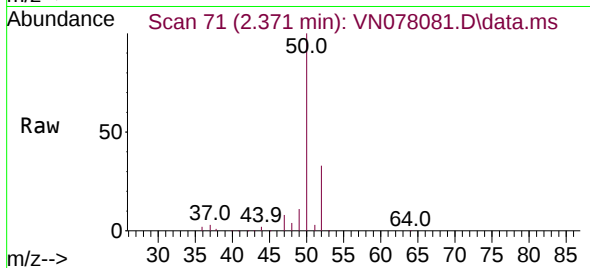
52 32.7 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 38.182 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078081.D

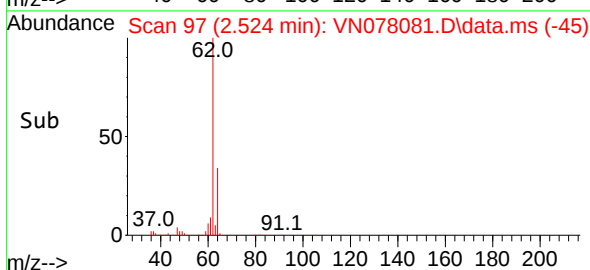
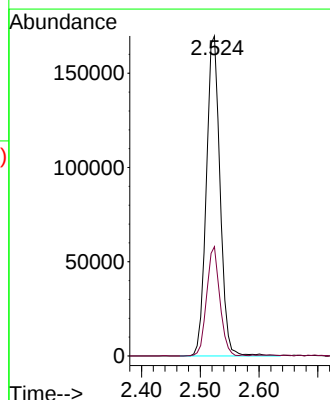
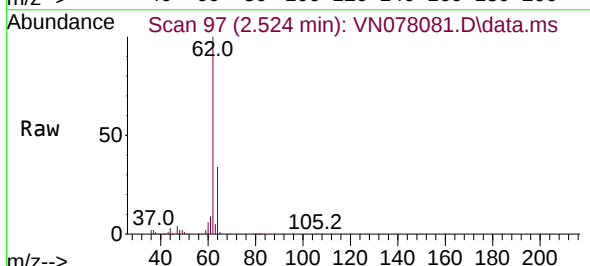
Acq: 06 Jun 2023 21:47

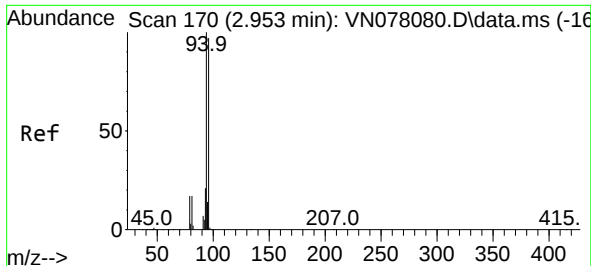
Tgt Ion: 62 Resp: 275571

Ion Ratio Lower Upper

62 100

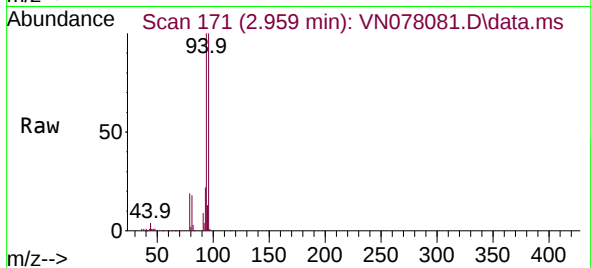
64 34.2 26.2 39.2





#5
Bromomethane
Concen: 38.321 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN078081.D
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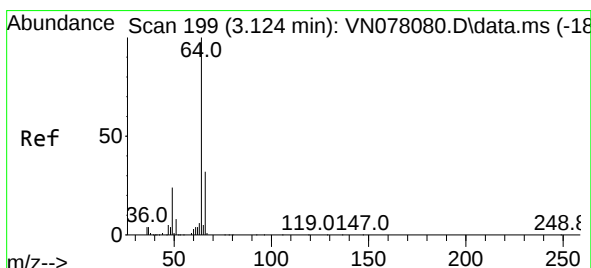
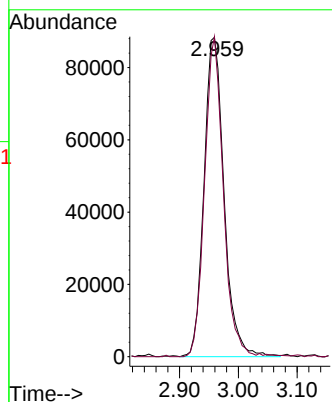
Instrument :
MSVOA_N
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VSTDICC040



Tgt Ion: 94 Resp: 209020
Ion Ratio Lower Upper
94 100
96 100.2 73.1 109.7

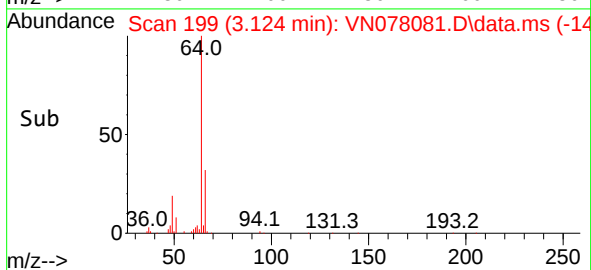
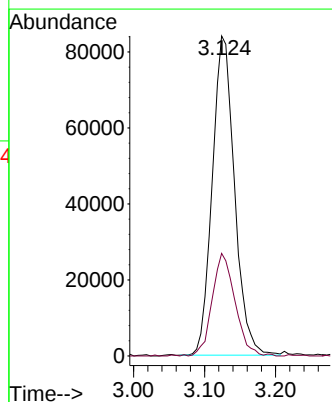
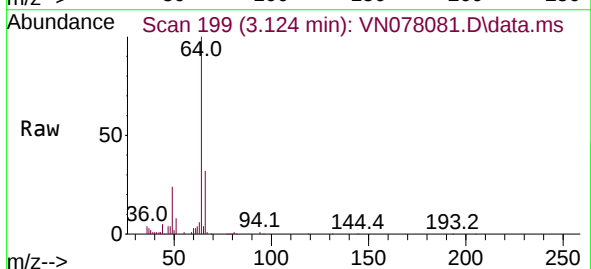
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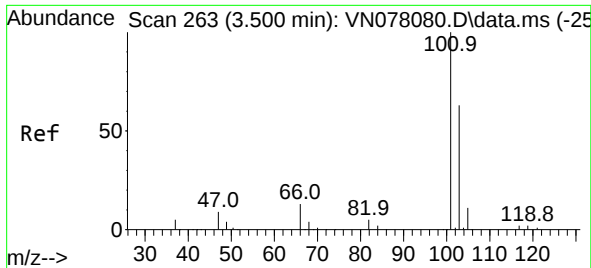
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 37.149 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078081.D
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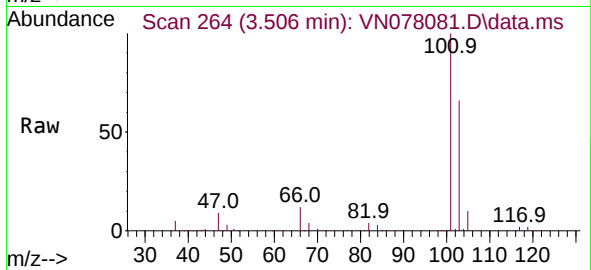
Tgt Ion: 64 Resp: 182772
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 37.979 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

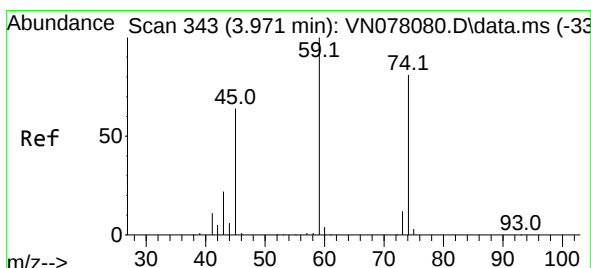
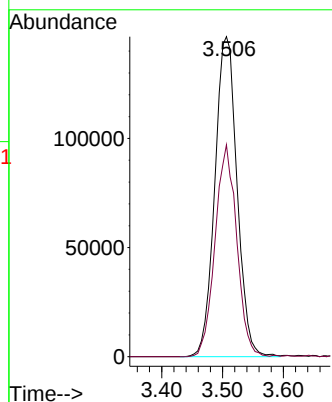
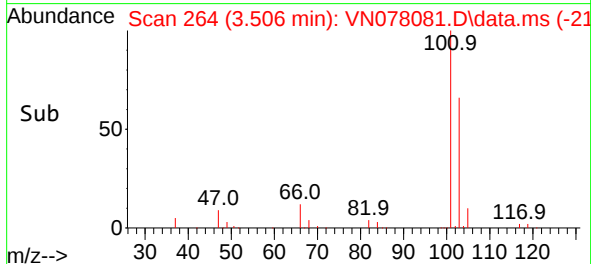
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 371710
Ion Ratio Lower Upper
101 100
103 66.2 50.7 76.1

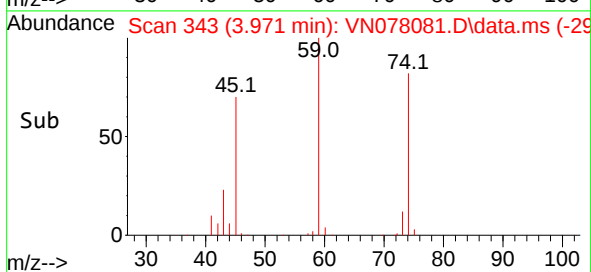
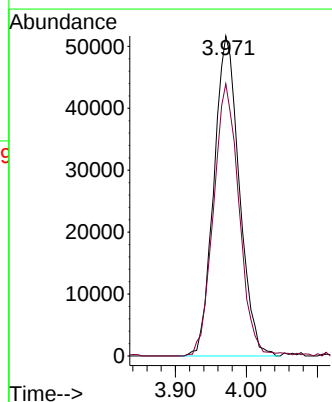
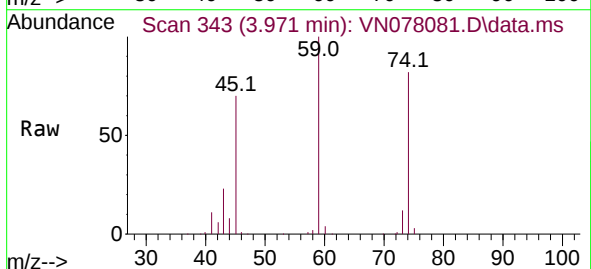
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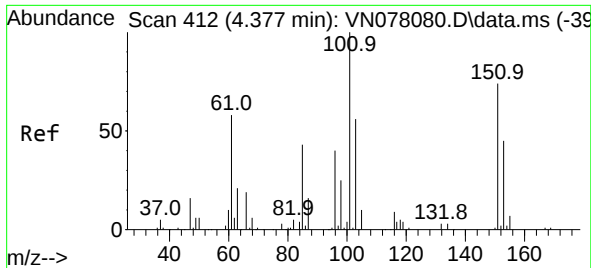
Reviewed By :John Carlone 06/07/2023
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#8
Diethyl Ether
Concen: 37.236 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 74 Resp: 128053
Ion Ratio Lower Upper
74 100
45 85.8 34.4 103.3





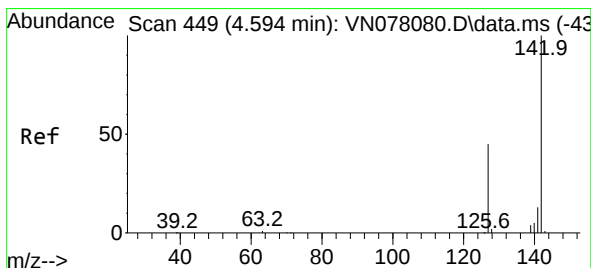
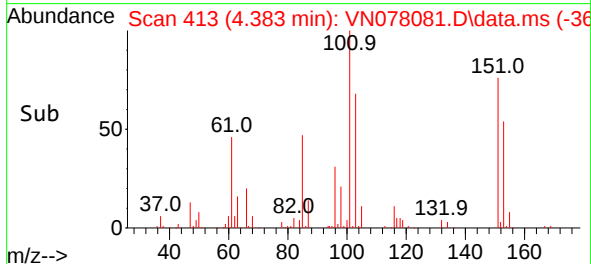
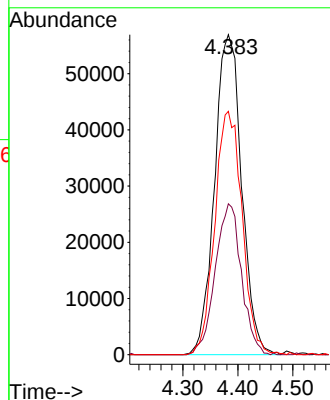
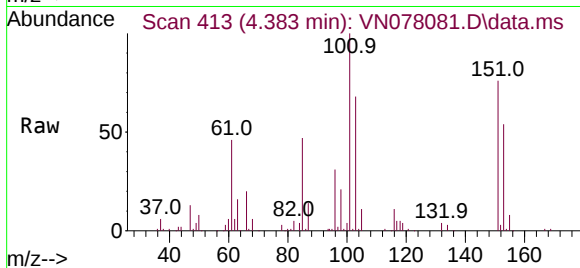
#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.781 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion:101 Resp: 195140
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 76.7 57.6 86.4

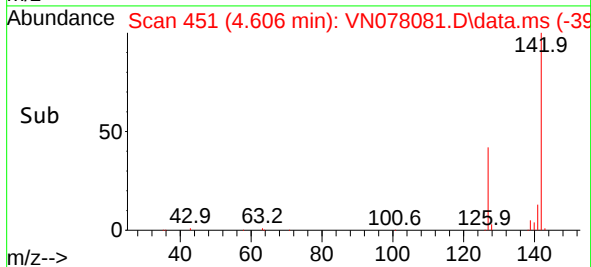
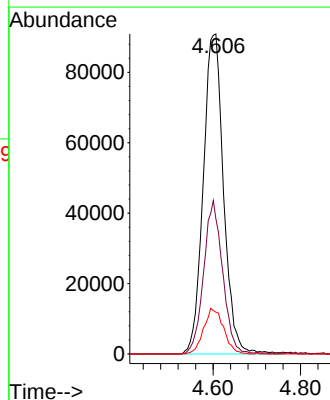
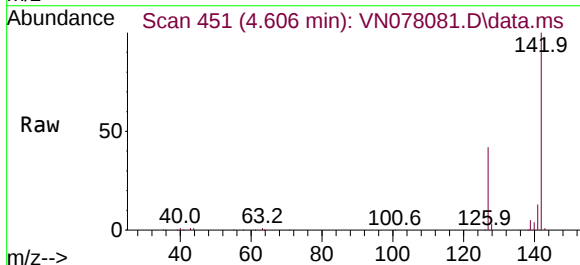
Manual Integrations
APPROVED

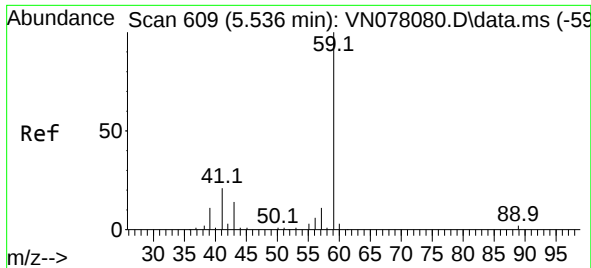
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 40.227 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

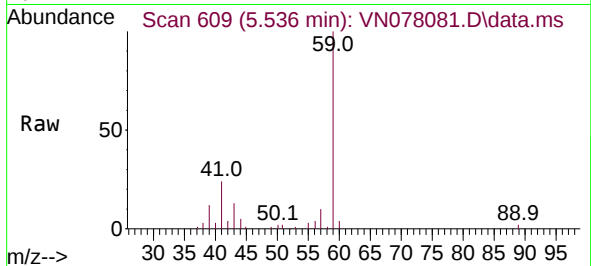
Tgt Ion:142 Resp: 293847
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 13.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 197.325 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

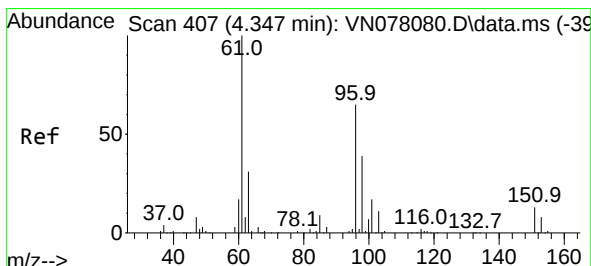
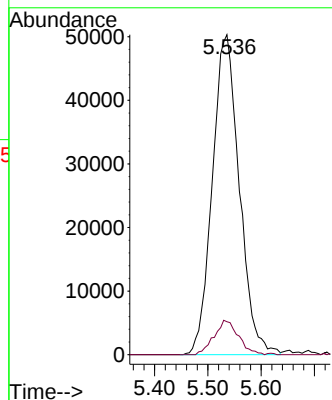
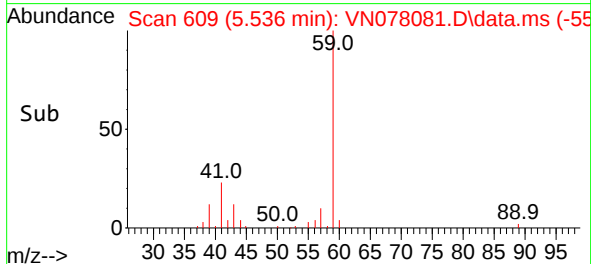
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



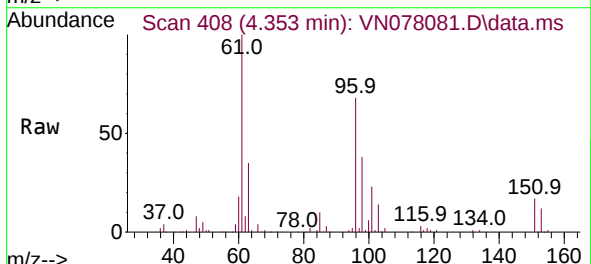
Tgt Ion: 59 Resp: 177132
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

Manual Integrations
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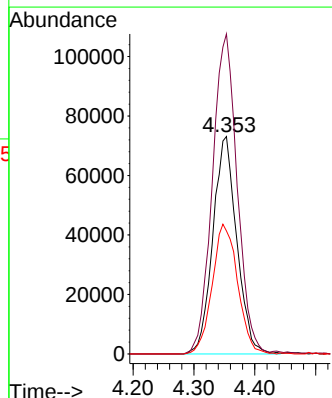
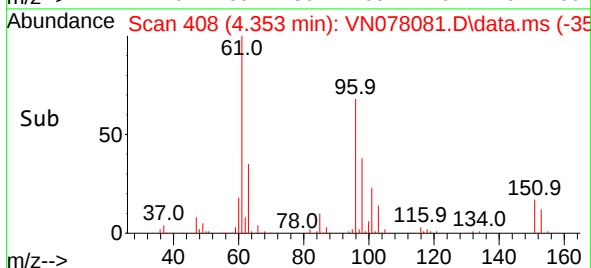
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

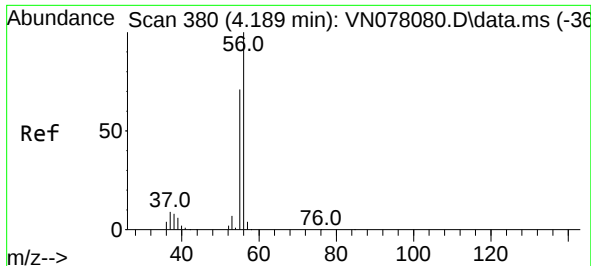


#12
1,1-Dichloroethene
Concen: 41.126 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



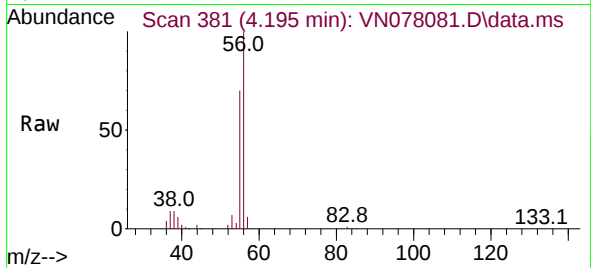
Tgt Ion: 96 Resp: 199281
Ion Ratio Lower Upper
96 100
61 147.1 112.7 169.1
98 56.6 51.2 76.8





#13
Acrolein
Concen: 191.474 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

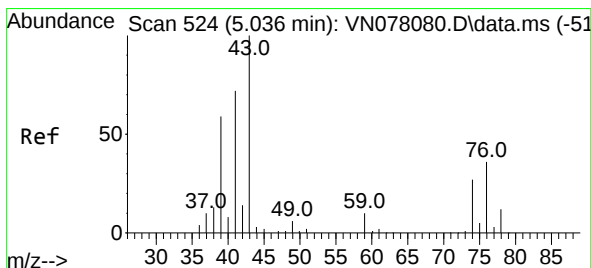
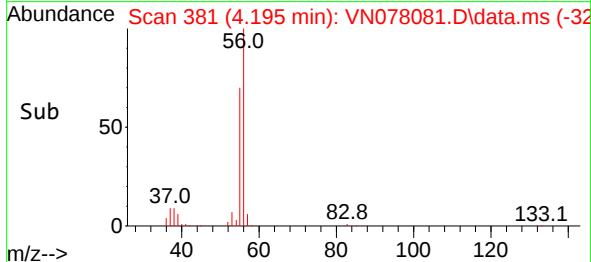
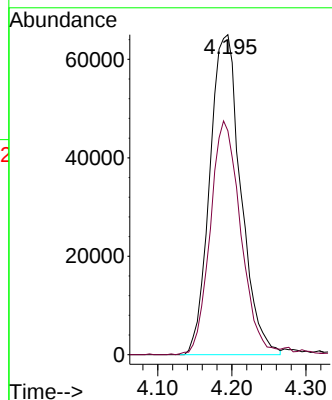
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 56 Resp: 189434
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

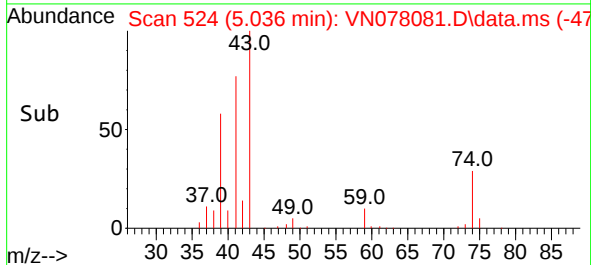
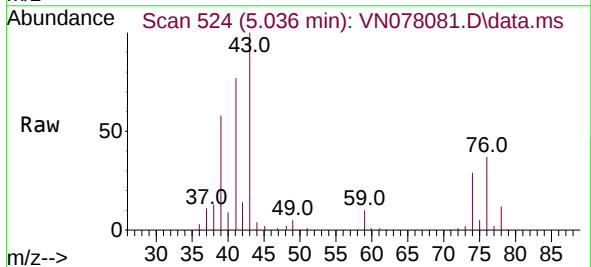
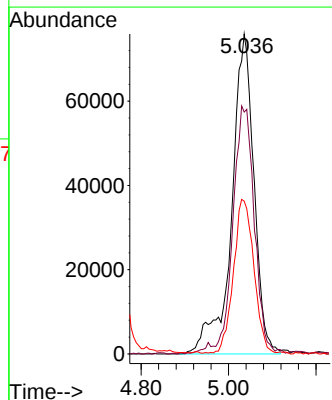
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#14
Allyl chloride
Concen: 41.621 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

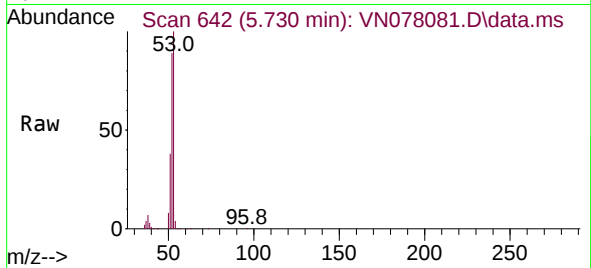
Tgt Ion: 41 Resp: 270520
Ion Ratio Lower Upper
41 100
39 72.7 58.8 88.2
76 43.5 39.1 58.7





#15
Acrylonitrile
Concen: 196.892 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

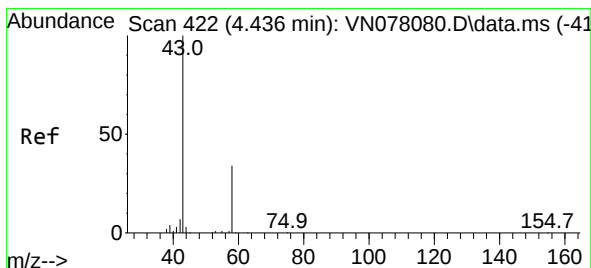
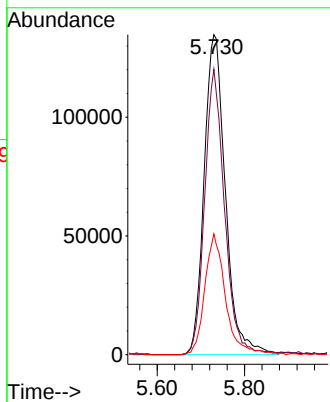
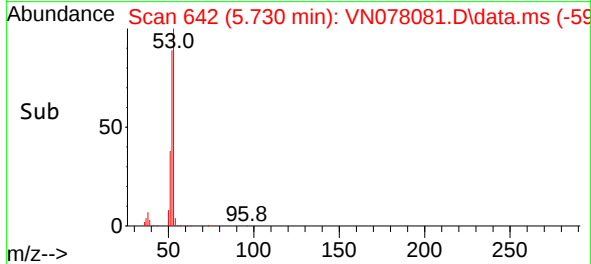
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



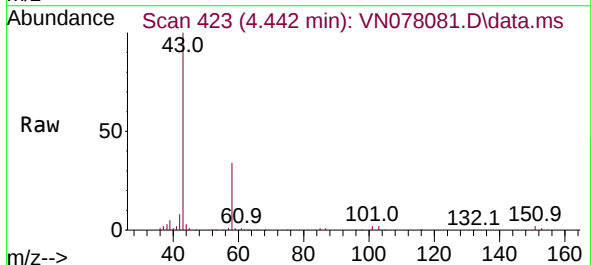
Tgt Ion: 53 Resp: 455672
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 36.8 28.9 43.3

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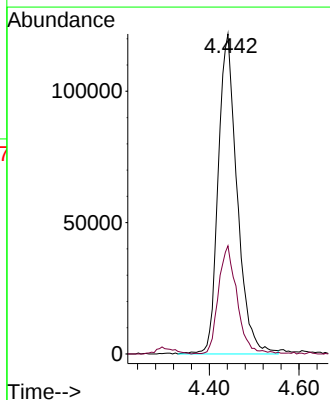
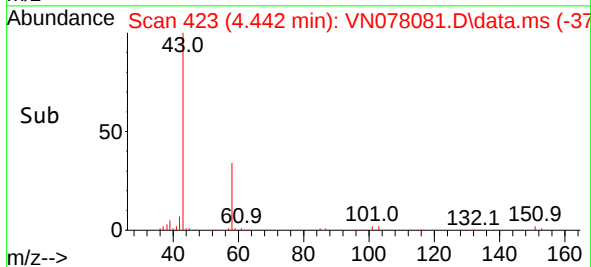
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

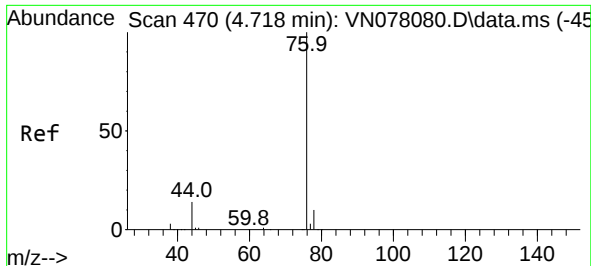


#16
Acetone
Concen: 191.149 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



Tgt Ion: 43 Resp: 357689
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





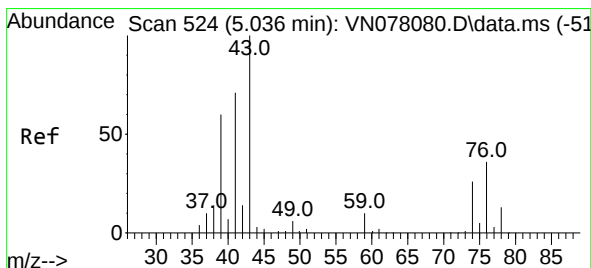
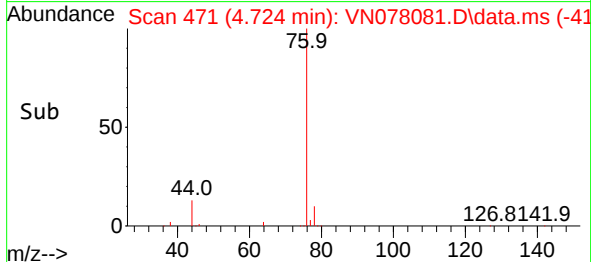
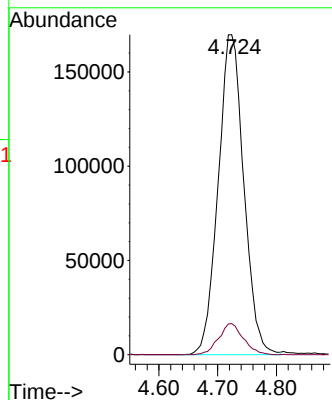
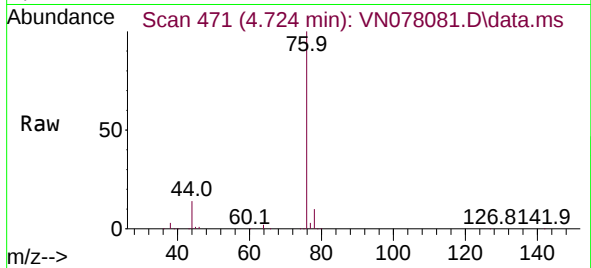
#17
Carbon Disulfide
Concen: 37.472 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 76 Resp: 513549
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

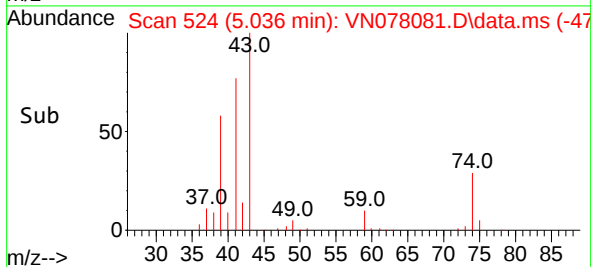
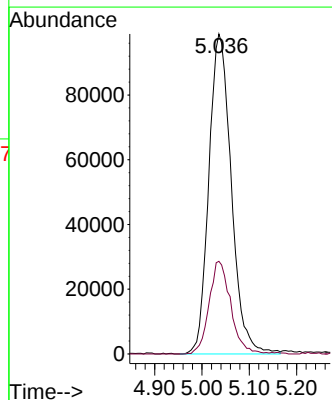
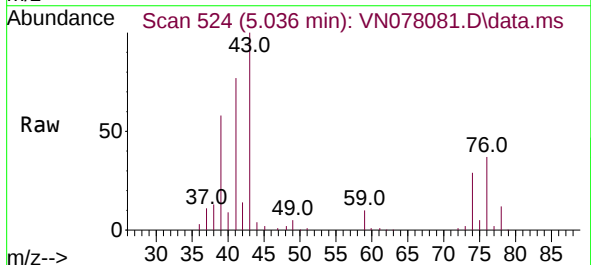
Manual Integrations
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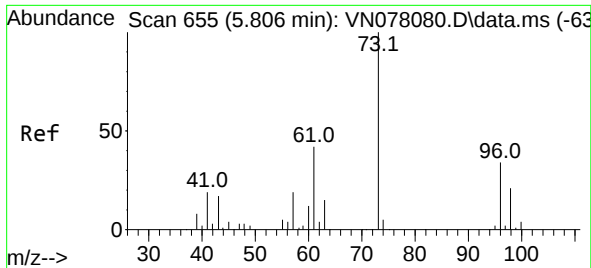
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#18
Methyl Acetate
Concen: 37.765 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 43 Resp: 325354
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





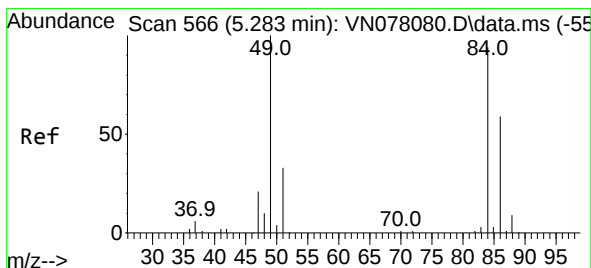
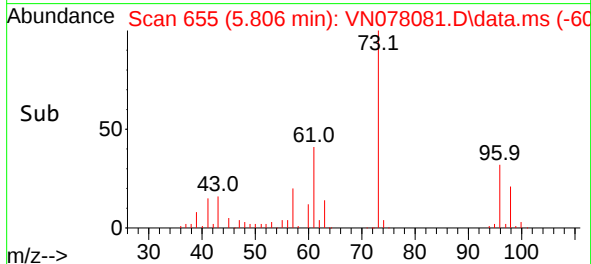
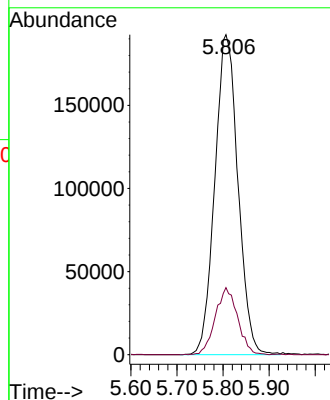
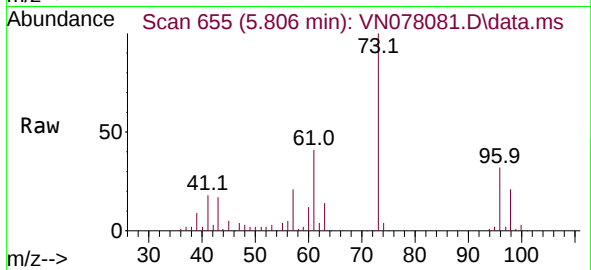
#19
Methyl tert-butyl Ether
Concen: 39.469 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion: 73 Resp: 67051
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

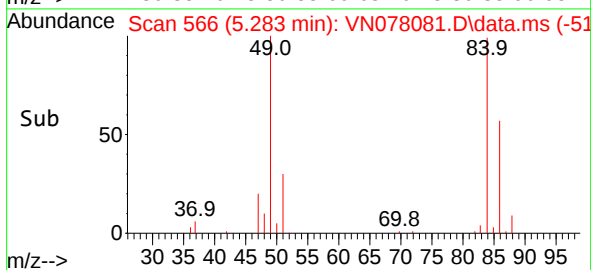
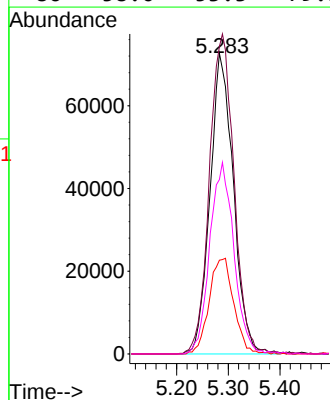
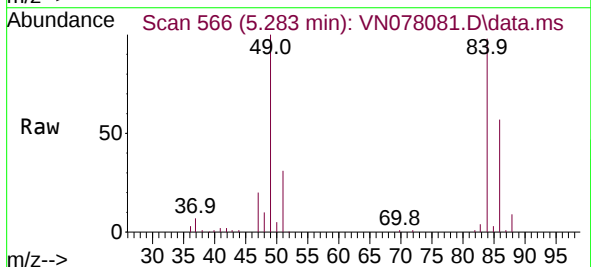
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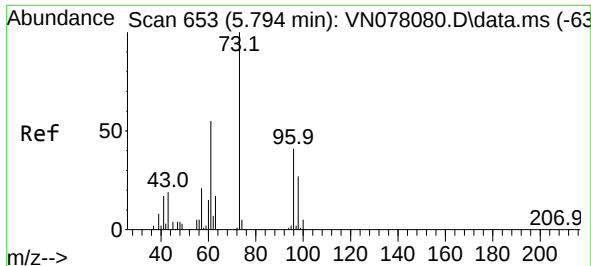
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 37.002 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

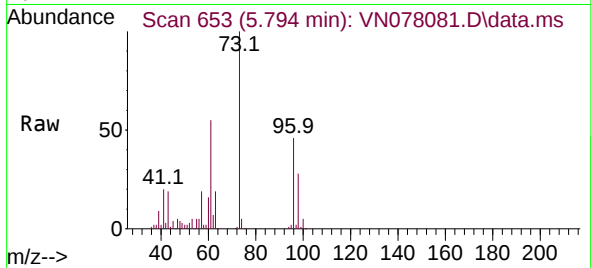
Tgt Ion: 84 Resp: 228808
Ion Ratio Lower Upper
84 100
49 102.0 79.7 119.5
51 31.2 25.2 37.8
86 58.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 38.432 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

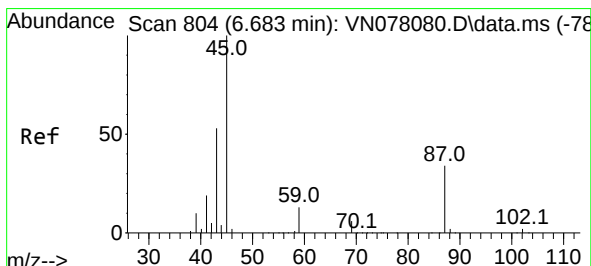
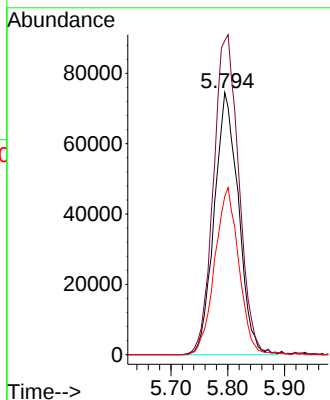
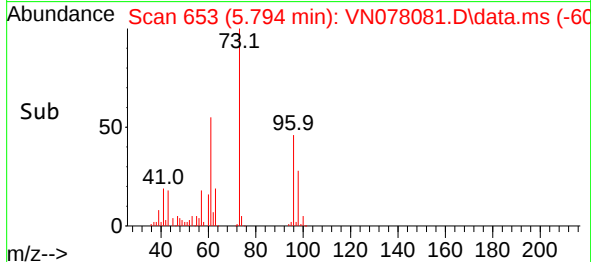
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 96 Resp: 22071
Ion Ratio Lower Upper
96 100
61 119.9 90.1 135.1
98 60.4 46.4 69.6

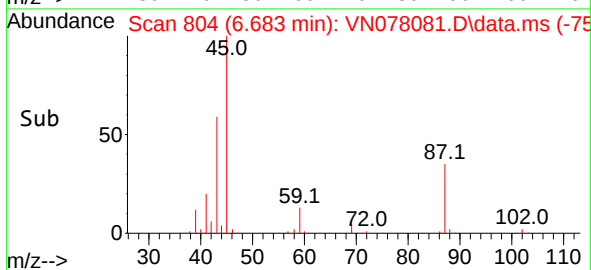
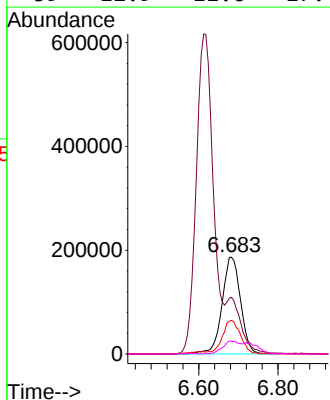
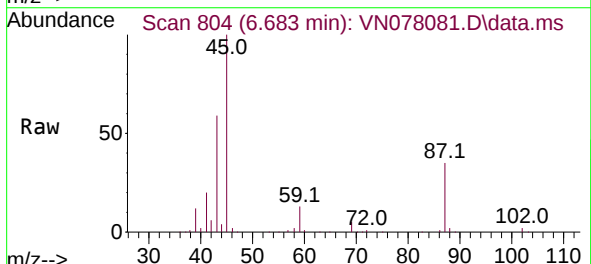
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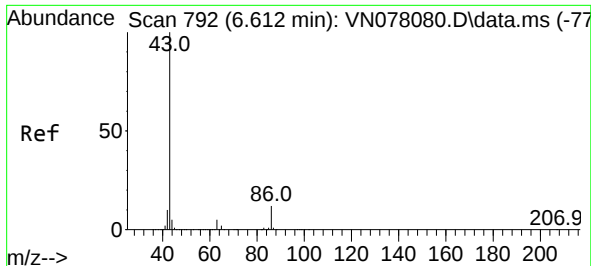
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#22
Diisopropyl ether
Concen: 39.564 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

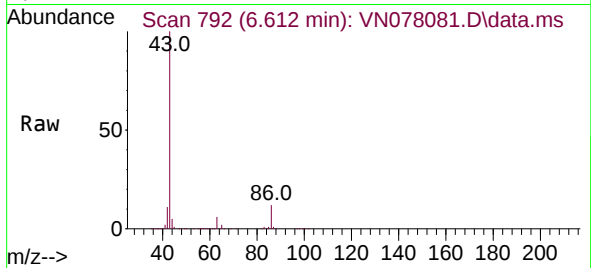
Tgt Ion: 45 Resp: 604887
Ion Ratio Lower Upper
45 100
43 57.9 45.5 68.3
87 34.5 31.8 47.8
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 203.203 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078081.D
 Acq: 06 Jun 2023 21:47

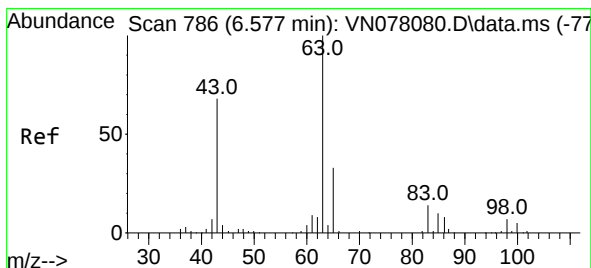
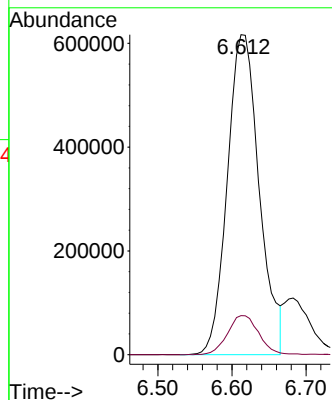
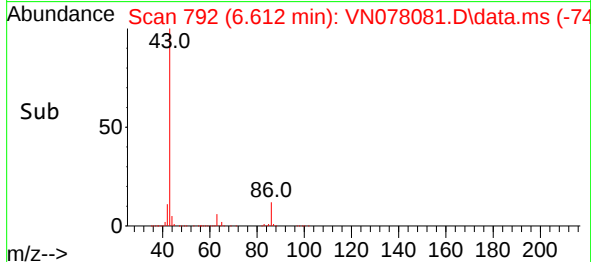
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC040



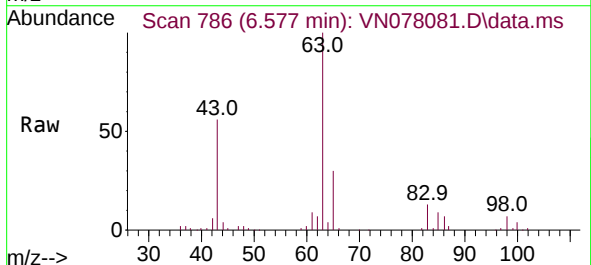
Tgt Ion: 43 Resp: 1846758
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
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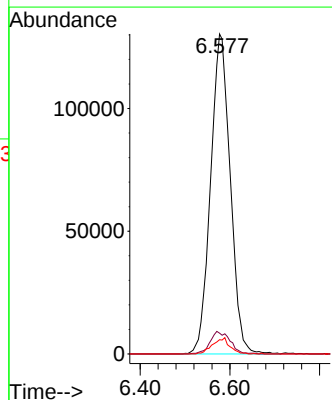
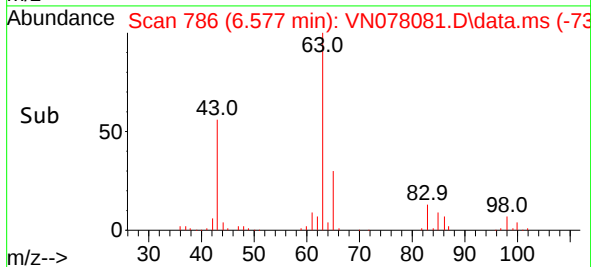
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 39.321 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078081.D
 Acq: 06 Jun 2023 21:47



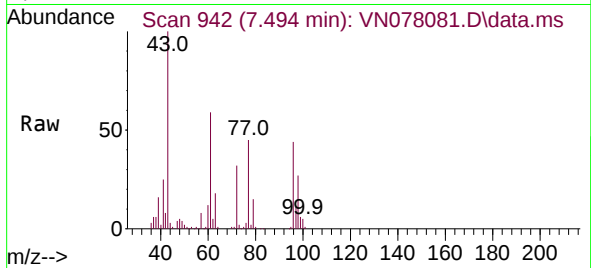
Tgt Ion: 63 Resp: 396580
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 203.055 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

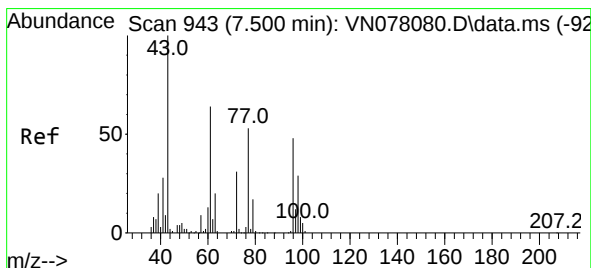
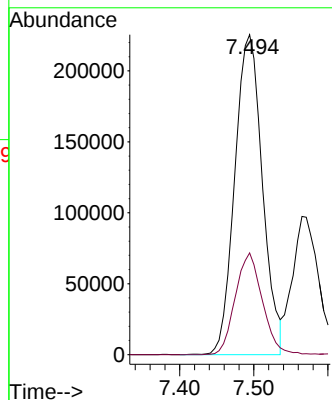
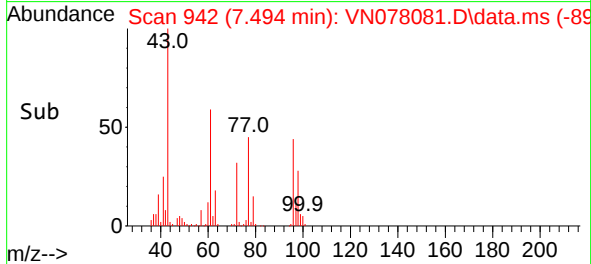
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



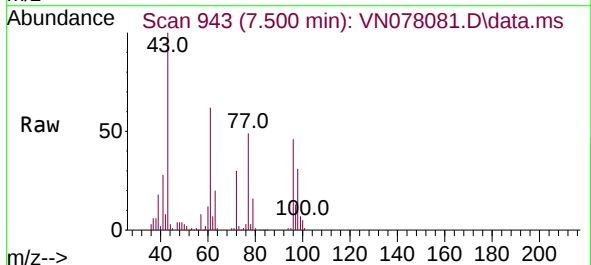
Tgt Ion: 43 Resp: 584308
Ion Ratio Lower Upper
43 100
72 31.8 30.2 45.2

Manual Integrations
APPROVED

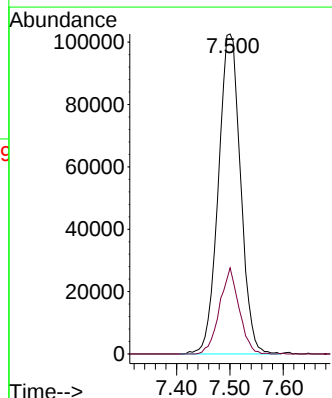
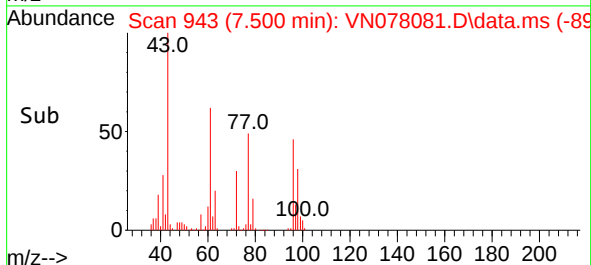
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 39.842 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



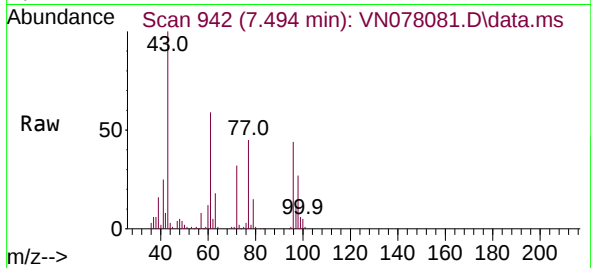
Tgt Ion: 77 Resp: 296704
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 38.038 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078081.D
 Acq: 06 Jun 2023 21:47

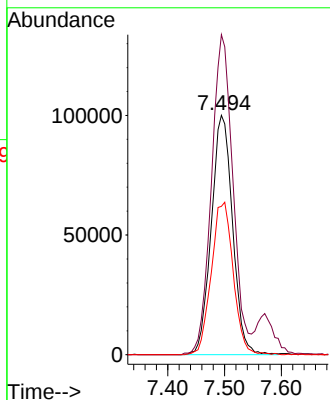
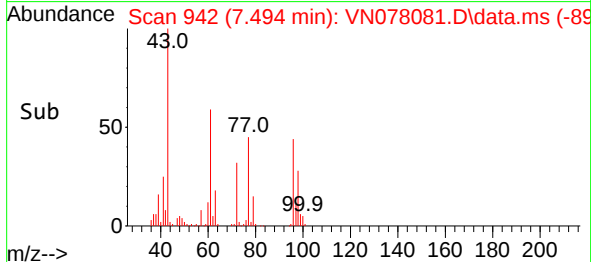
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040



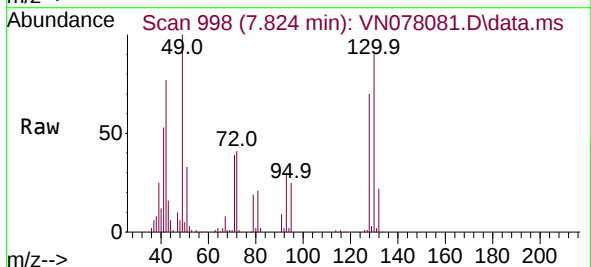
Tgt Ion: 96 Resp: 260560
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 255.2
 98 65.6 0.0 128.8

Manual Integrations
 APPROVED

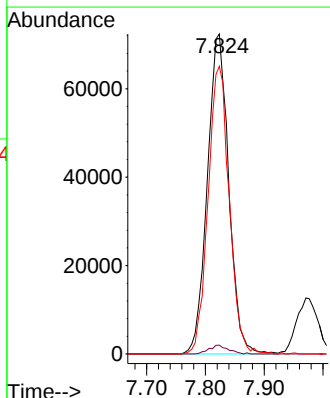
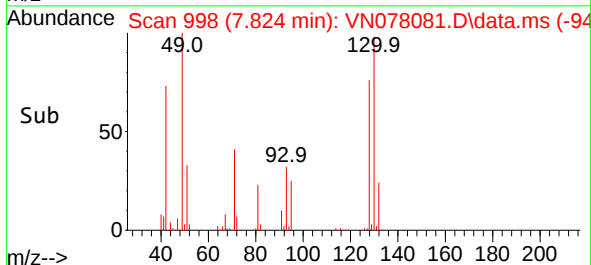
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

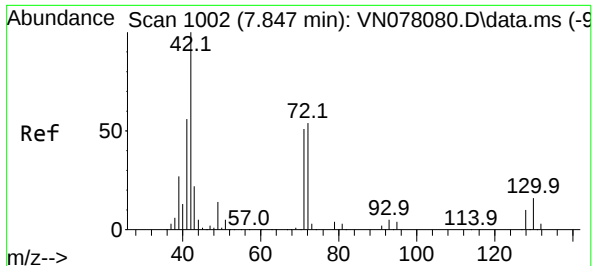


#28
 Bromochloromethane
 Concen: 39.578 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078081.D
 Acq: 06 Jun 2023 21:47



Tgt Ion: 49 Resp: 183273
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 200.116 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 42 Resp: 384960

Ion Ratio Lower Upper

42 100

72 52.6 49.8 74.6

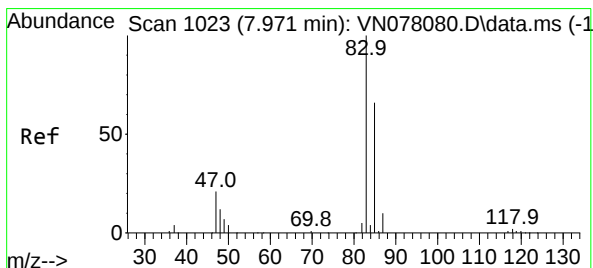
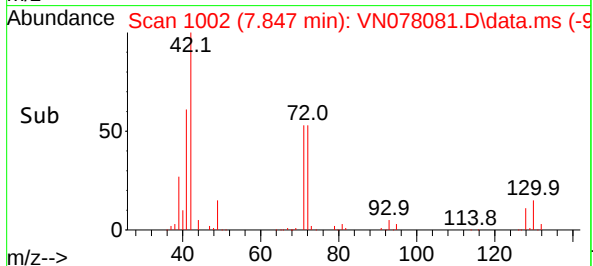
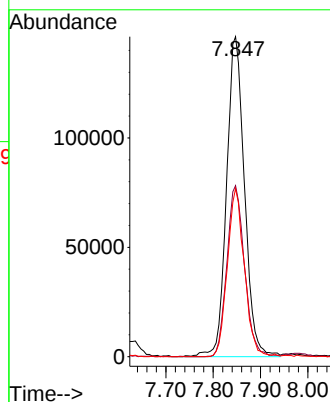
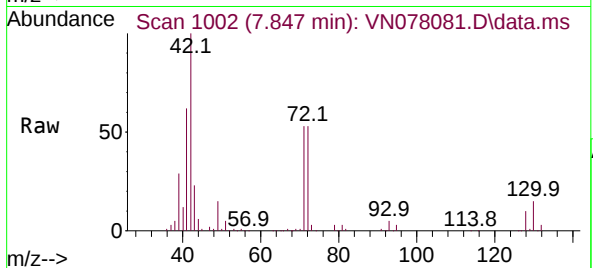
71 49.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#30

Chloroform

Concen: 40.150 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078081.D

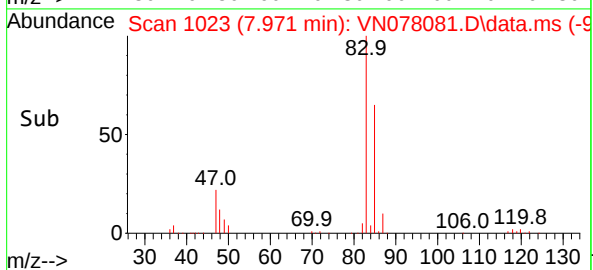
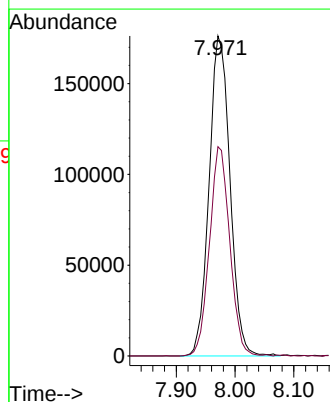
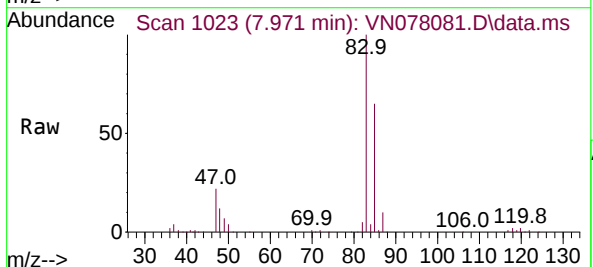
Acq: 06 Jun 2023 21:47

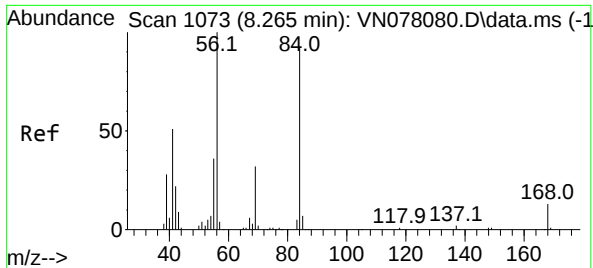
Tgt Ion: 83 Resp: 436043

Ion Ratio Lower Upper

83 100

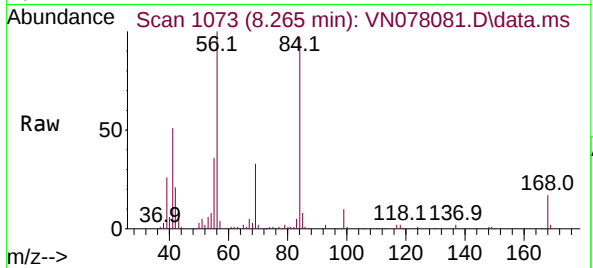
85 65.4 55.4 83.0





#31
Cyclohexane
Concen: 37.884 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

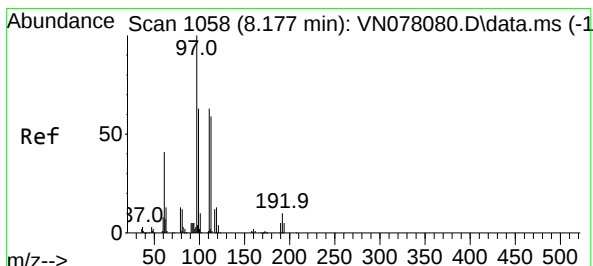
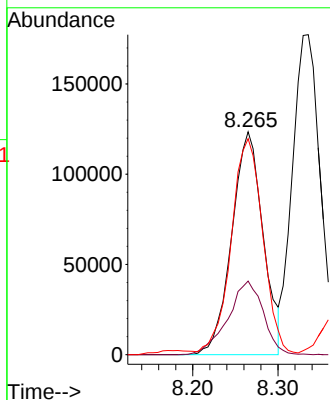
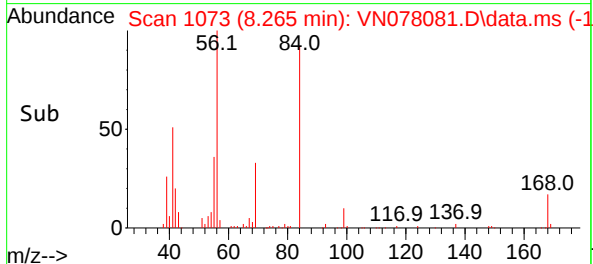
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 56 Resp: 315934
Ion Ratio Lower Upper
56 100
69 33.0 26.8 40.2
84 95.0 81.8 122.6

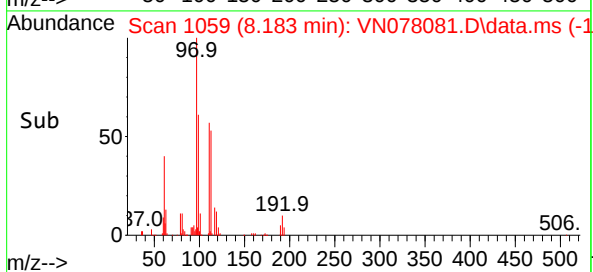
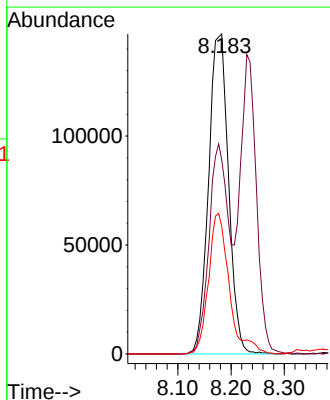
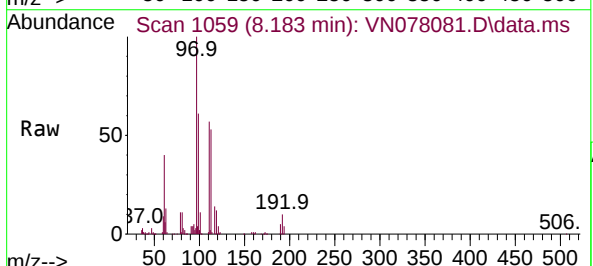
Manual Integrations
APPROVED

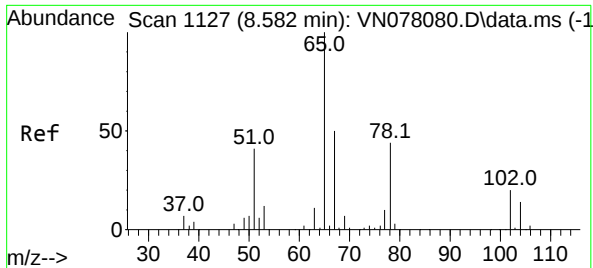
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#32
1,1,1-Trichloroethane
Concen: 40.107 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 97 Resp: 382406
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 38.503 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 65 Resp: 250314

Ion Ratio Lower Upper

65 100

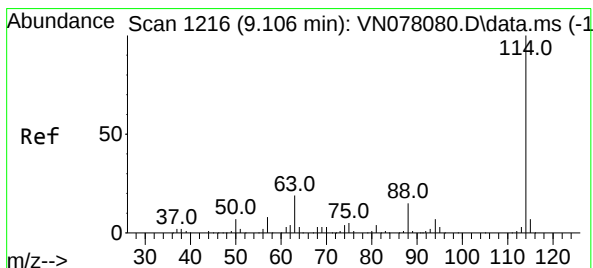
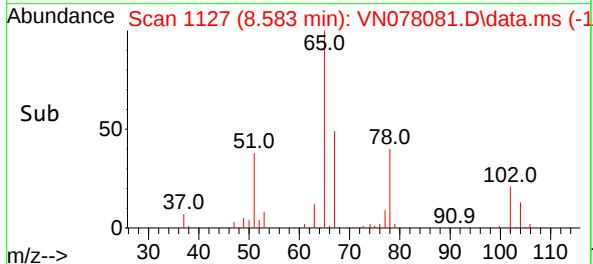
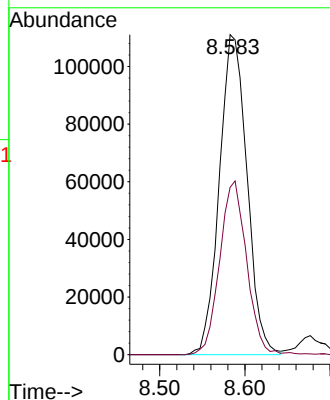
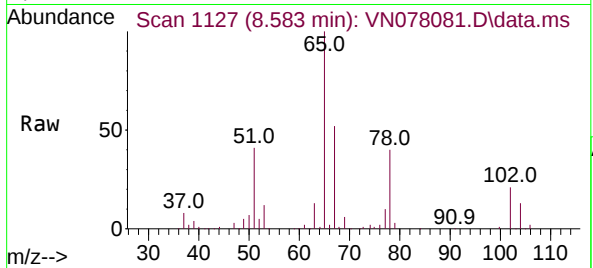
67 53.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

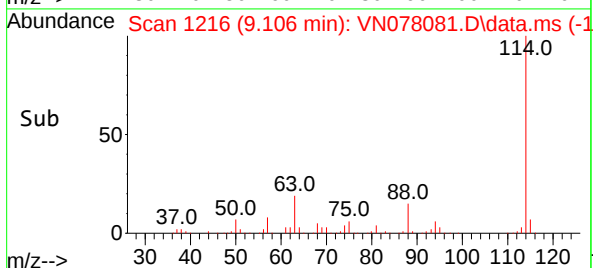
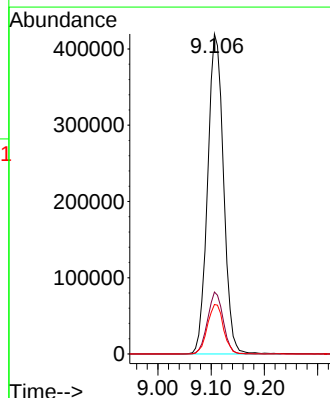
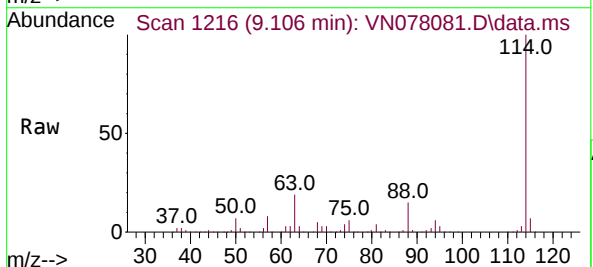
Tgt Ion:114 Resp: 869992

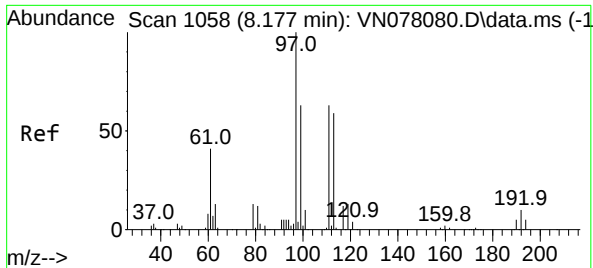
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

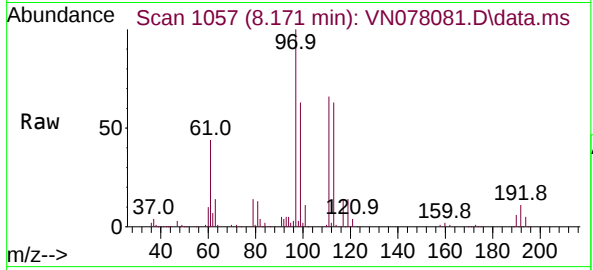
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 39.107 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

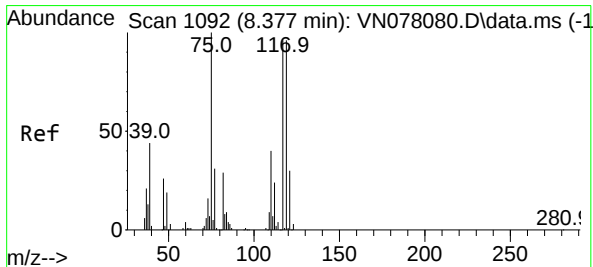
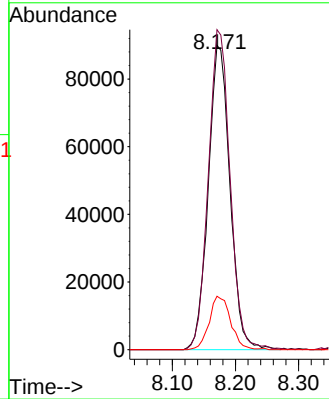
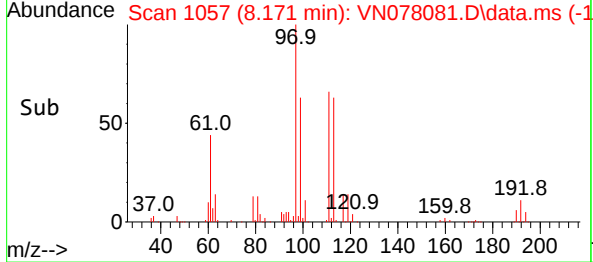
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



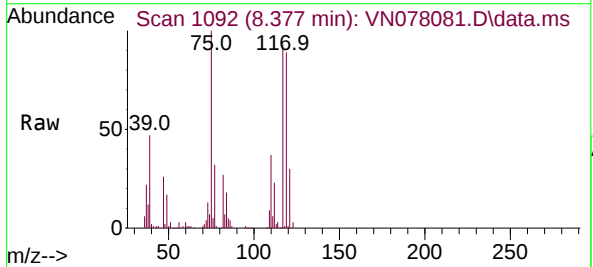
Tgt Ion: 113 Resp: 215119
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 17.4 12.7 19.1

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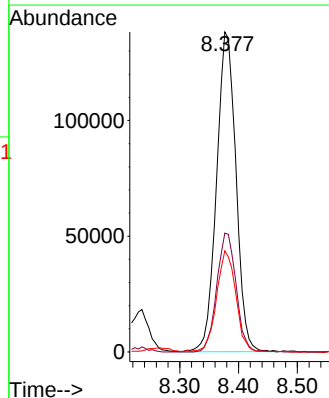
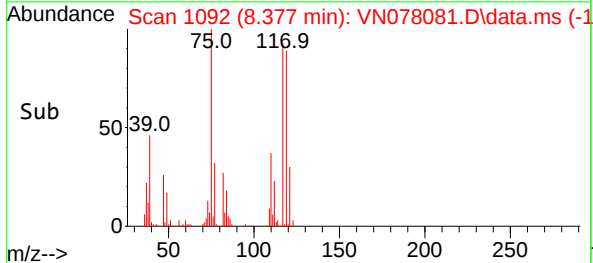
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

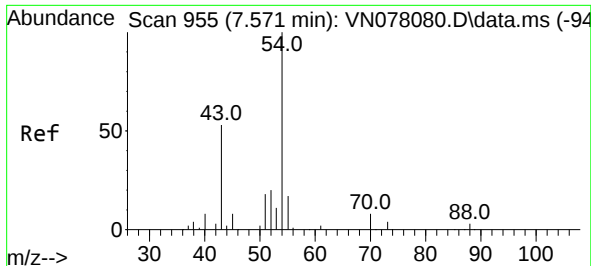


#36
1,1-Dichloropropene
Concen: 40.127 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



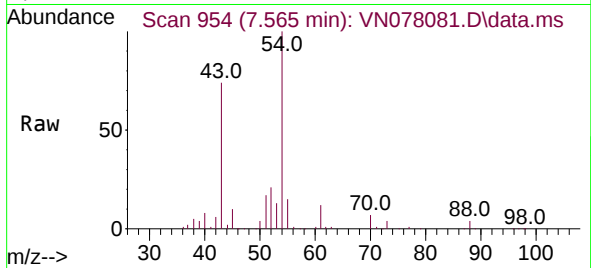
Tgt Ion: 75 Resp: 316614
Ion Ratio Lower Upper
75 100
110 37.1 19.1 57.3
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 40.484 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

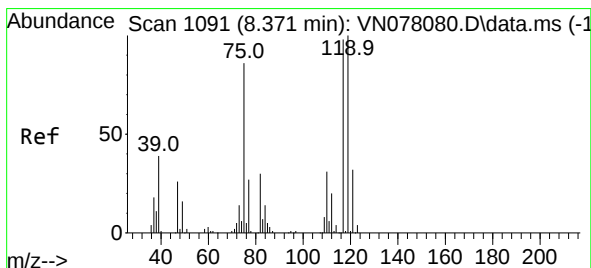
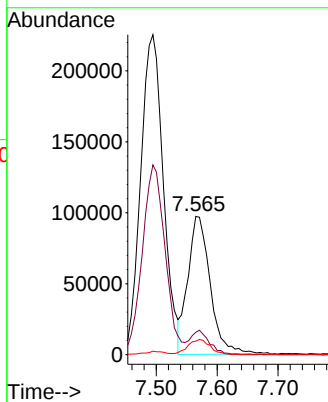
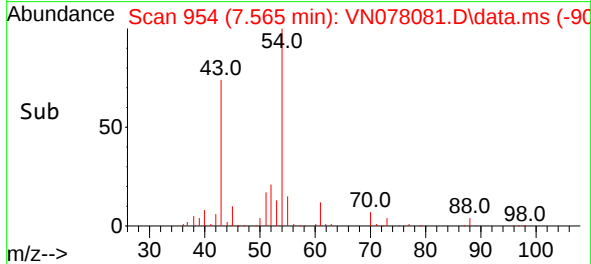
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 43 Resp: 249540
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 10.9 11.3 16.9

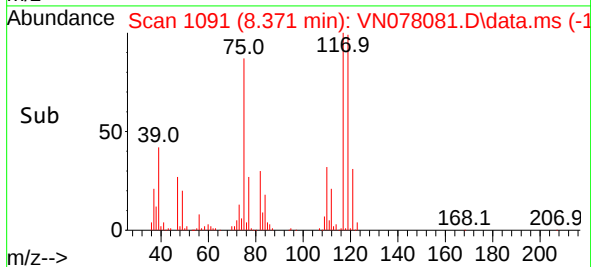
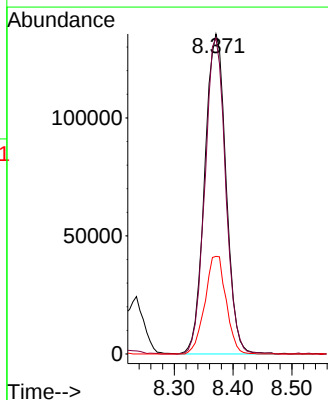
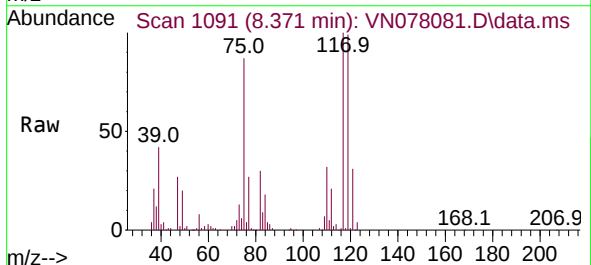
Manual Integrations
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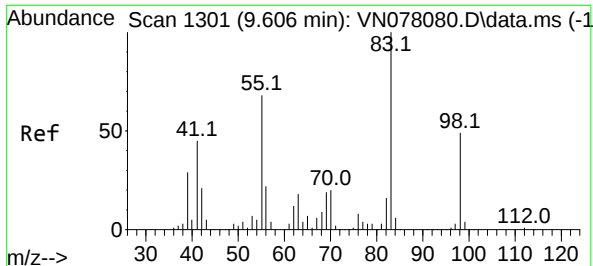
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#38
Carbon Tetrachloride
Concen: 40.962 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion:117 Resp: 341272
Ion Ratio Lower Upper
117 100
119 98.7 77.3 115.9
121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 40.159 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 83 Resp: 328379

Ion Ratio Lower Upper

83 100

55 72.7 49.1 73.7

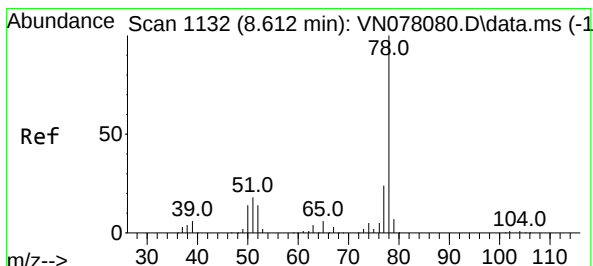
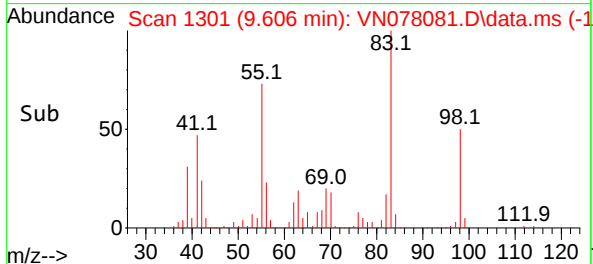
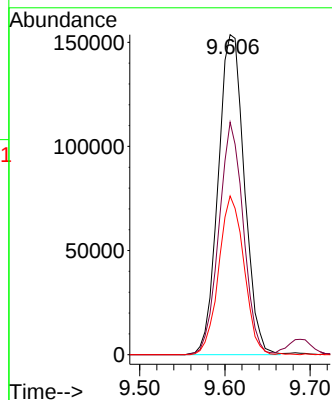
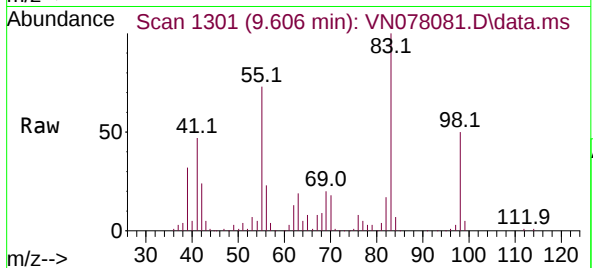
98 49.6 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#40

Benzene

Concen: 40.395 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078081.D

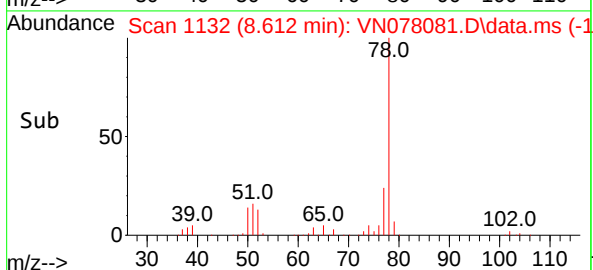
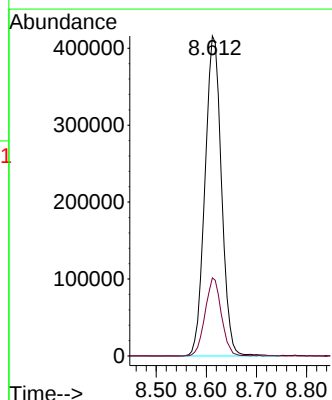
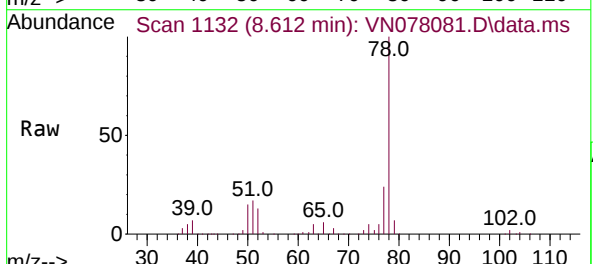
Acq: 06 Jun 2023 21:47

Tgt Ion: 78 Resp: 951533

Ion Ratio Lower Upper

78 100

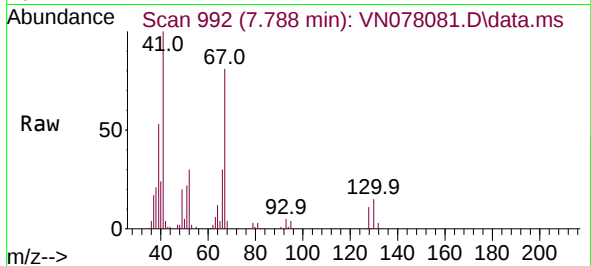
77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 37.293 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

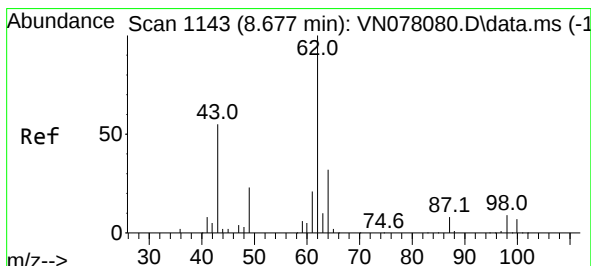
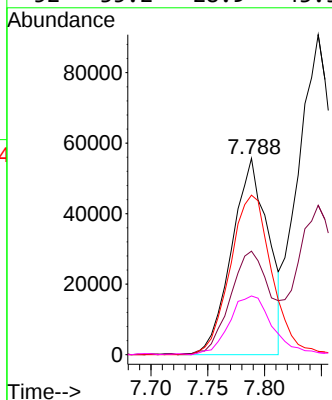
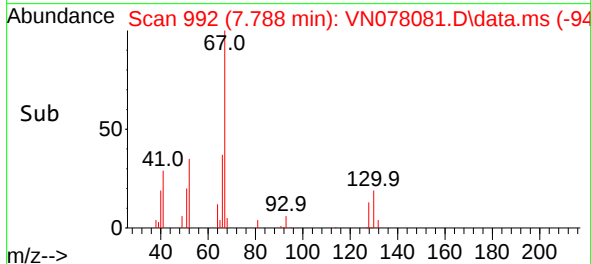
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 41 Resp: 124598
Ion Ratio Lower Upper
41 100
39 57.1 42.6 64.0
67 93.3 77.5 116.3
52 35.2 28.9 43.3

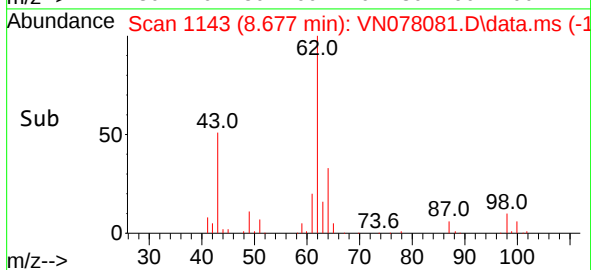
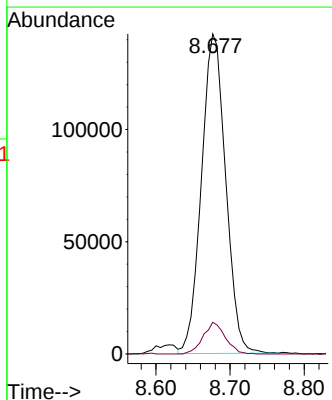
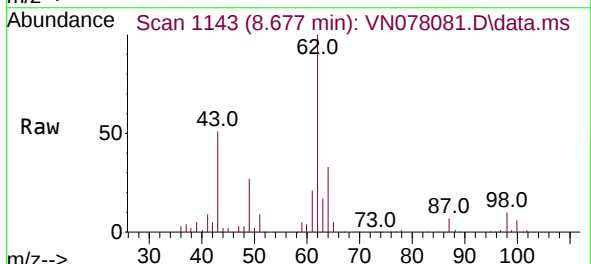
Manual Integrations
APPROVED

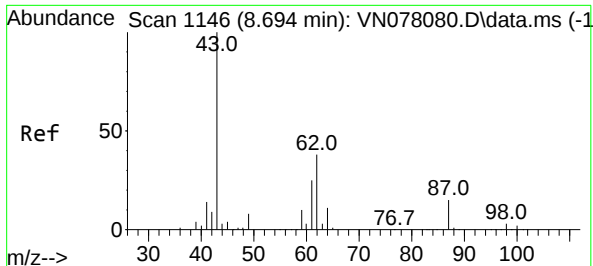
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#42
1,2-Dichloroethane
Concen: 40.072 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 62 Resp: 323643
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 37.542 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

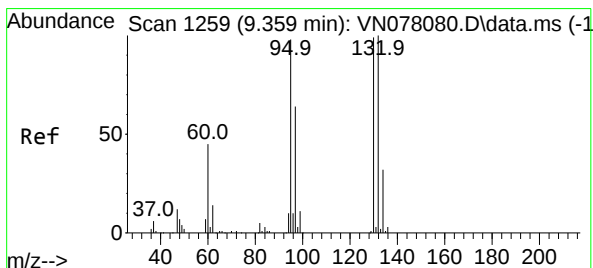
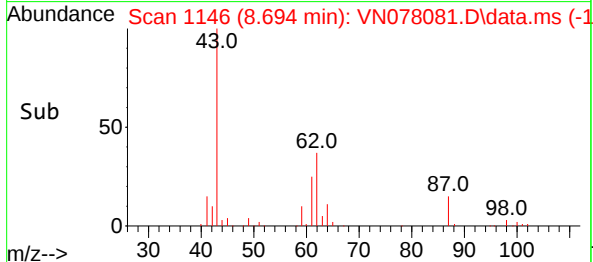
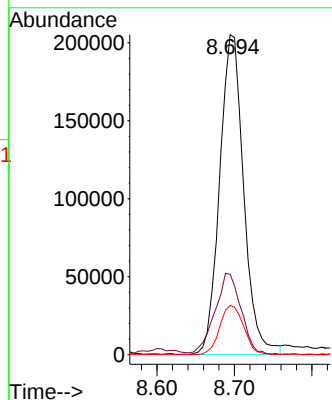
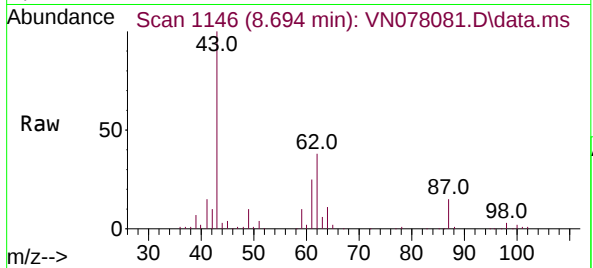
Tgt Ion: 43 Resp: 442550
 Ion Ratio Lower Upper
 43 100
 61 27.8 24.7 37.1
 87 15.4 14.6 21.8

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#44

Trichloroethene

Concen: 39.381 ug/l

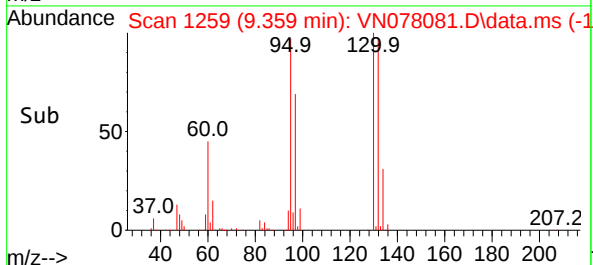
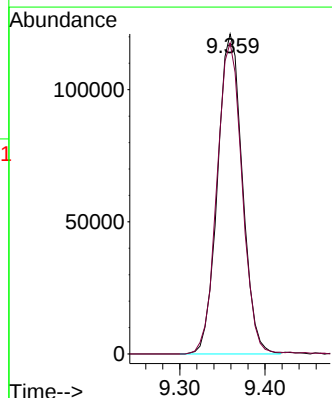
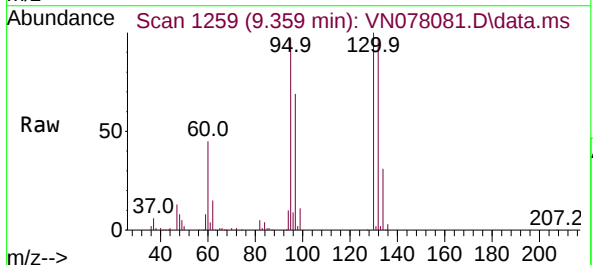
RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

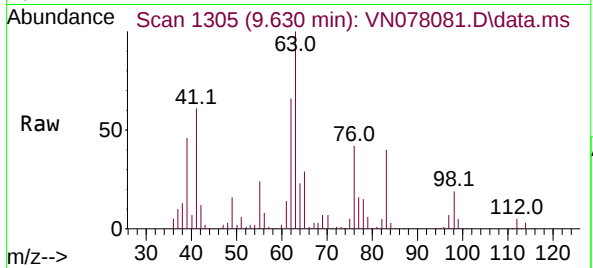
Tgt Ion:130 Resp: 244983
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 204.6





#45
1,2-Dichloropropane
Concen: 40.603 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

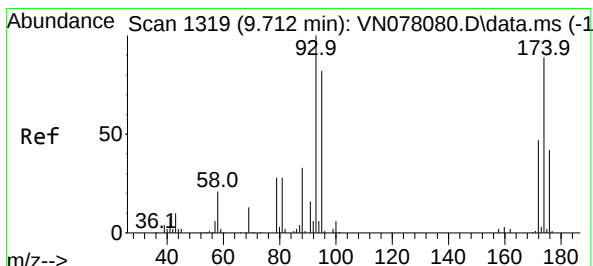
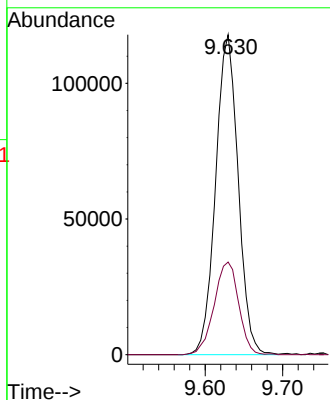
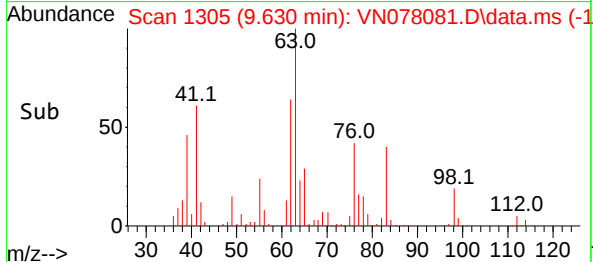
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



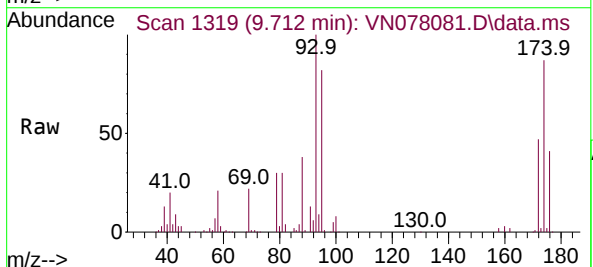
Tgt Ion: 63 Resp: 237960
Ion Ratio Lower Upper
63 100
65 28.9 23.9 35.9

Manual Integrations
APPROVED

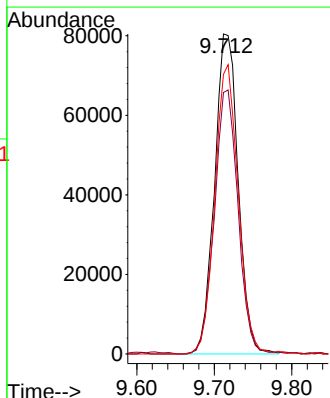
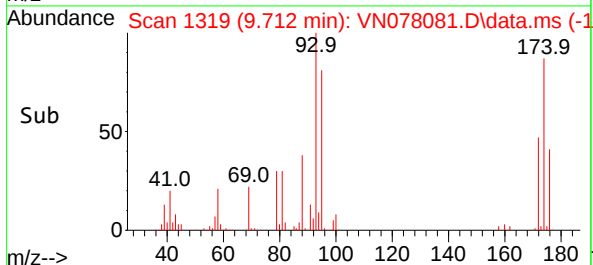
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

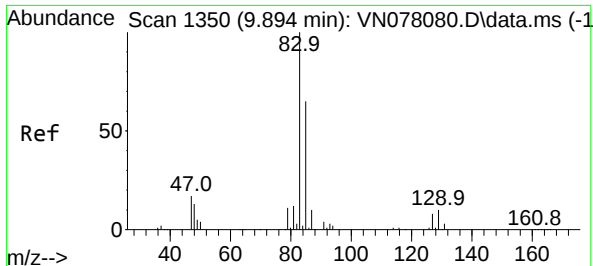


#46
Dibromomethane
Concen: 39.536 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



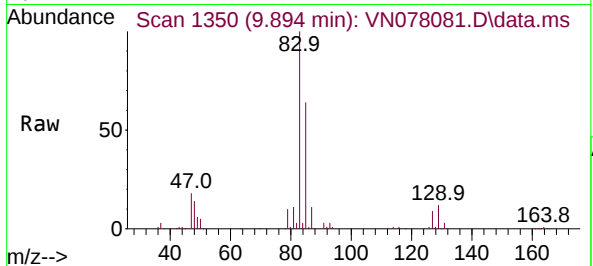
Tgt Ion: 93 Resp: 170668
Ion Ratio Lower Upper
93 100
95 82.5 63.8 95.8
174 89.3 65.6 98.4





#47
Bromodichloromethane
Concen: 41.305 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

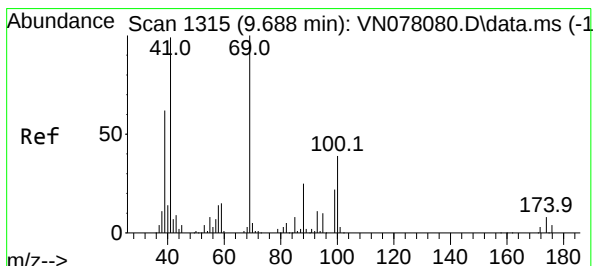
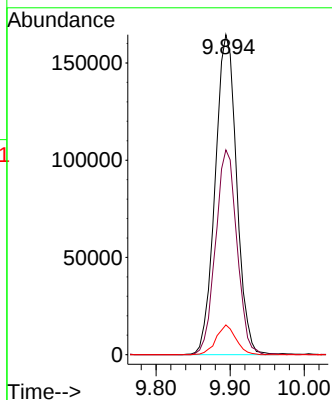
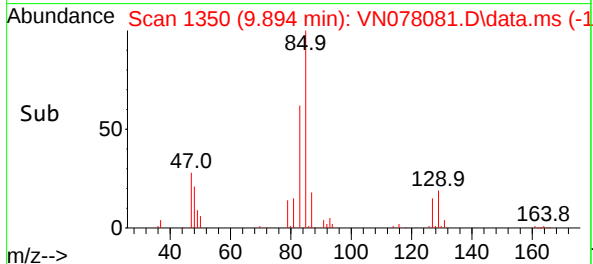
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 83 Resp: 331210
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 9.3 7.0 10.6

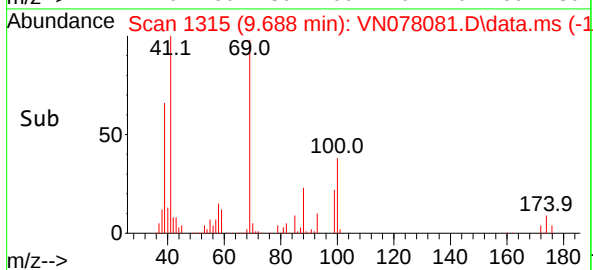
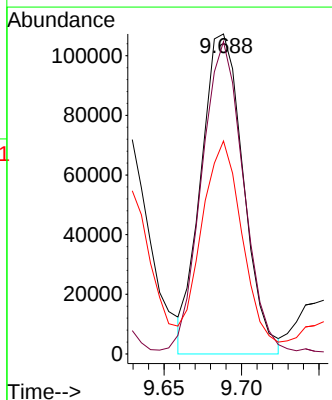
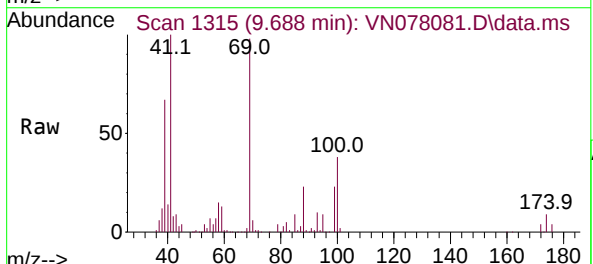
Manual Integrations
APPROVED

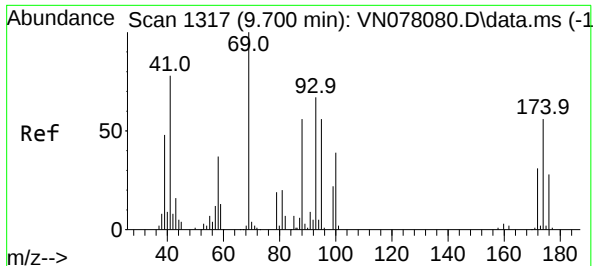
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#48
Methyl methacrylate
Concen: 41.195 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 41 Resp: 203792
Ion Ratio Lower Upper
41 100
69 97.5 90.4 135.6
39 65.1 54.6 81.8





#49

1,4-Dioxane

Concen: 790.191 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 88 Resp: 82160

Ion Ratio Lower Upper

88 100

43 24.9 17.0 25.6

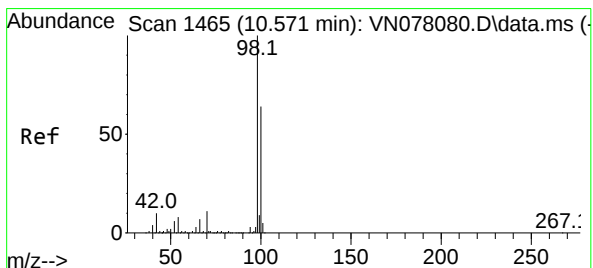
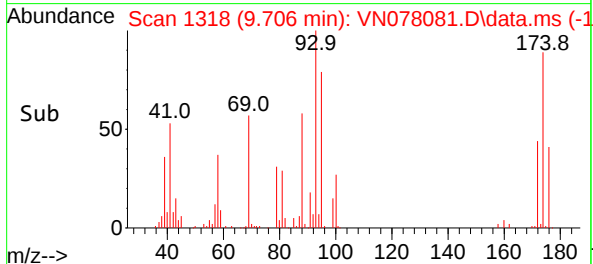
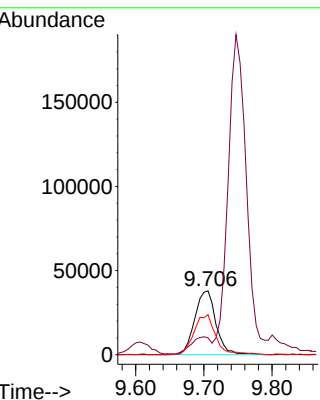
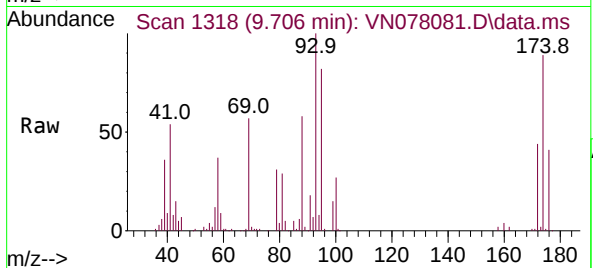
58 64.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#50

Toluene-d8

Concen: 39.797 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078081.D

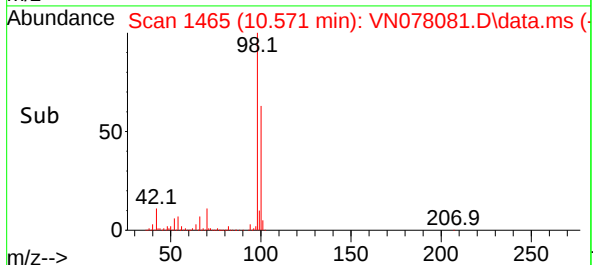
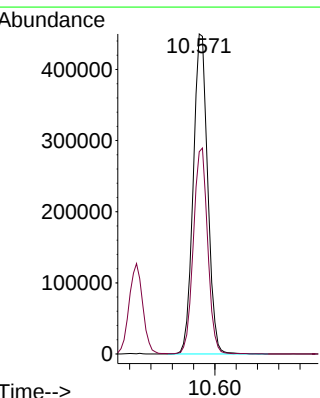
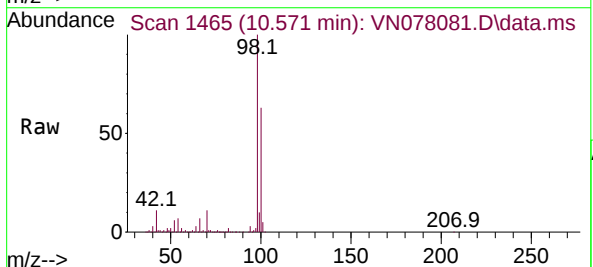
Acq: 06 Jun 2023 21:47

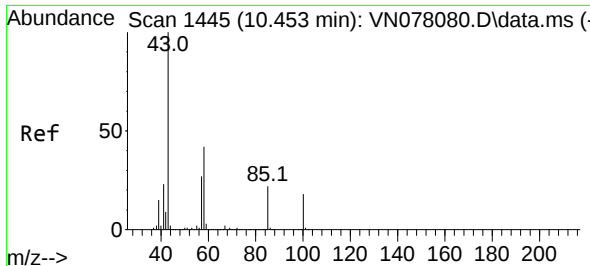
Tgt Ion: 98 Resp: 843941

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0





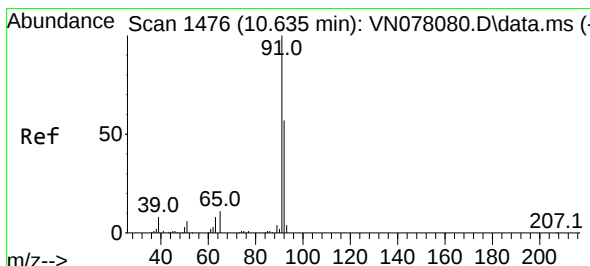
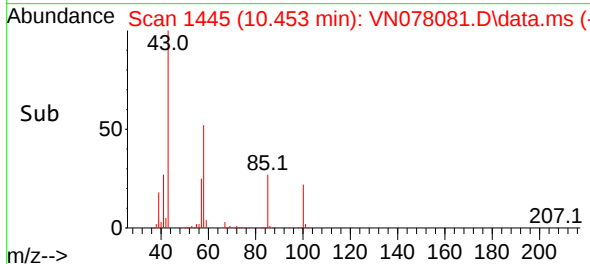
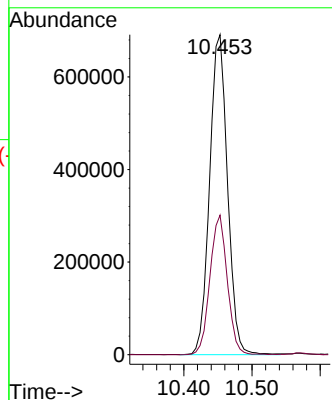
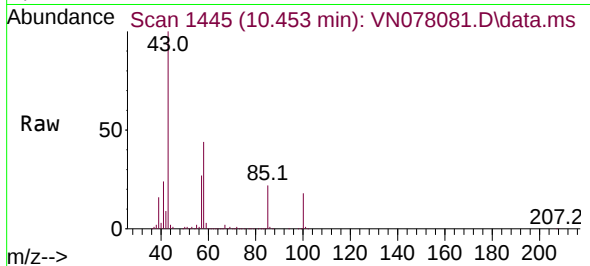
#51
4-Methyl-2-Pentanone
Concen: 203.537 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 43 Resp: 126346
Ion Ratio Lower Upper
43 100
58 42.3 36.6 54.8

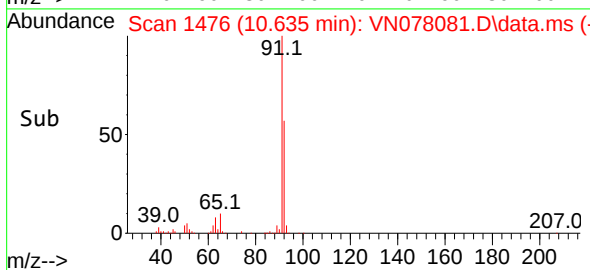
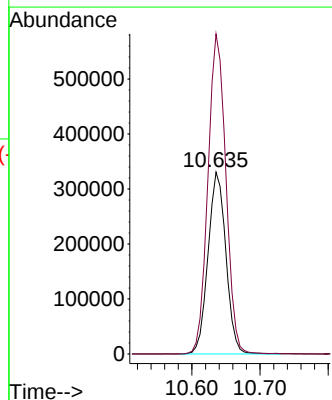
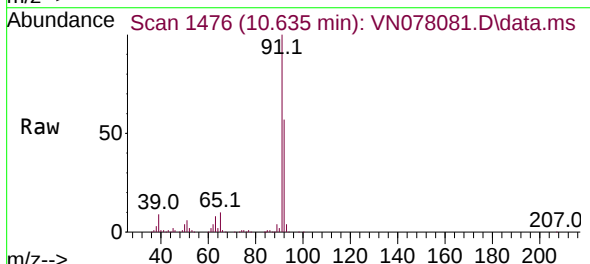
Manual Integrations
APPROVED

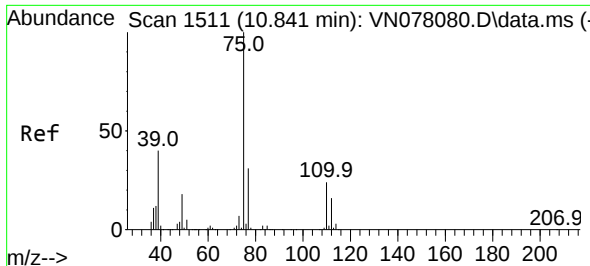
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#52
Toluene
Concen: 40.545 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion: 92 Resp: 603002
Ion Ratio Lower Upper
92 100
91 176.9 137.4 206.0





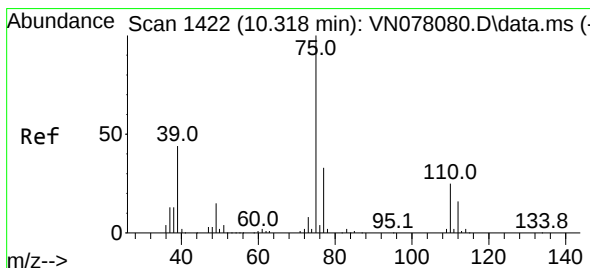
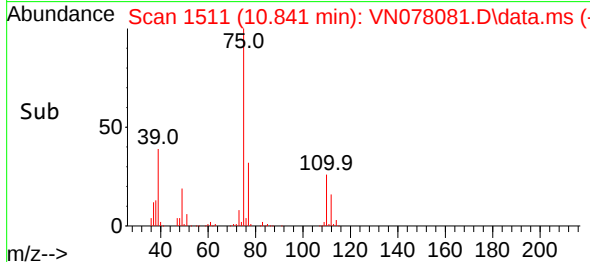
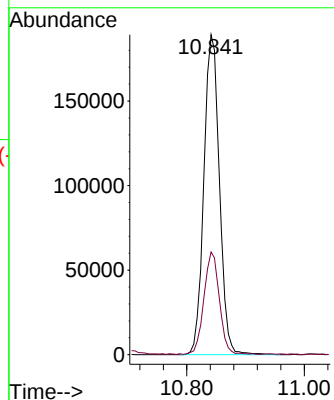
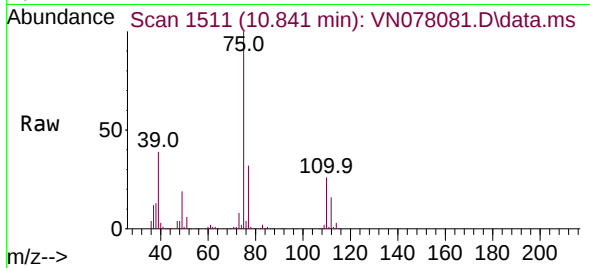
#53
t-1,3-Dichloropropene
Concen: 41.661 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 75 Resp: 34791
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

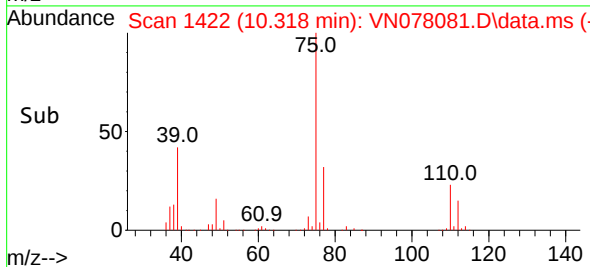
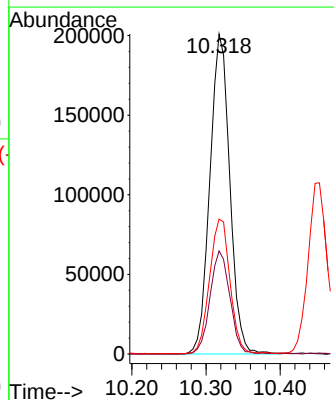
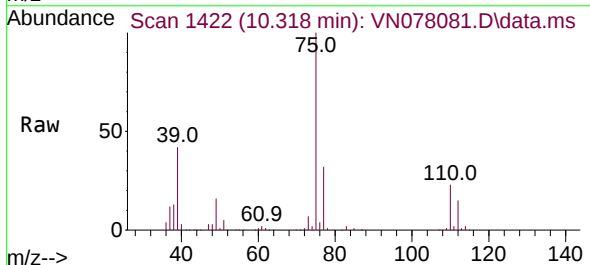
Manual Integrations
APPROVED

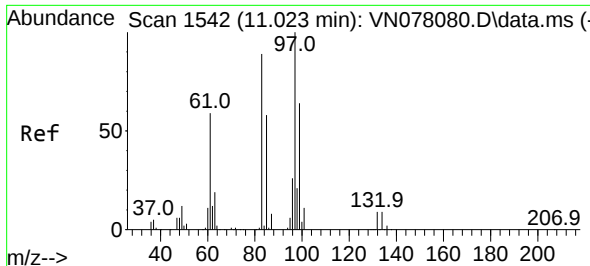
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#54
cis-1,3-Dichloropropene
Concen: 40.652 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

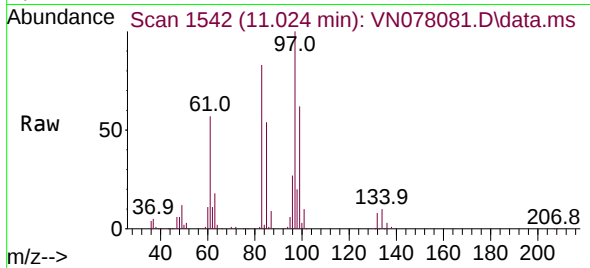
Tgt Ion: 75 Resp: 375268
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 42.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 41.561 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

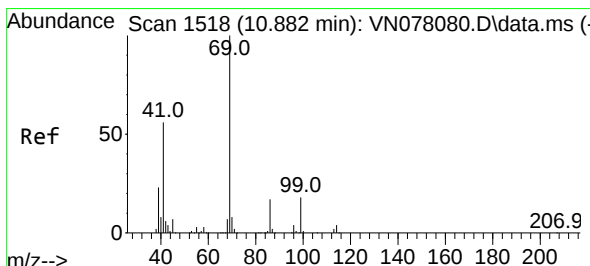
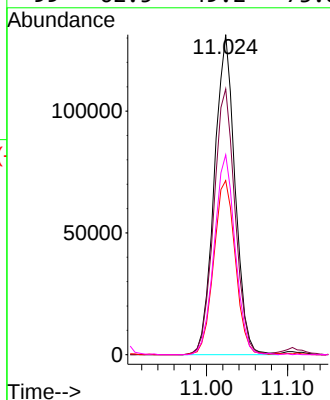
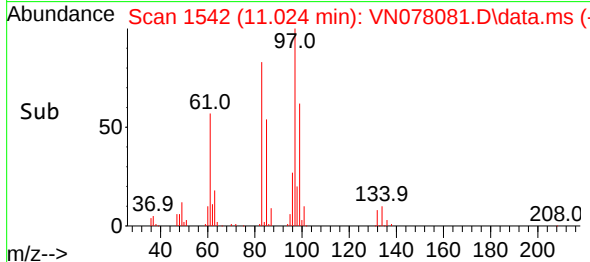
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:	97	Resp:	23382
Ion Ratio	100	Lower	Upper
97	100		
83	83.0	65.1	97.7
85	54.4	43.4	65.2
99	62.5	49.2	73.8

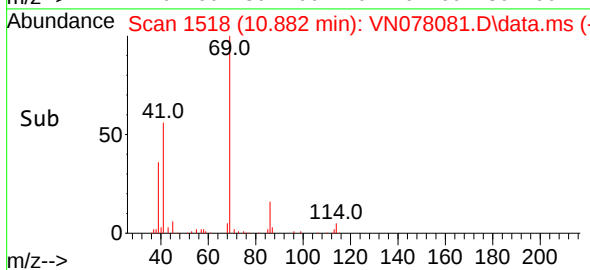
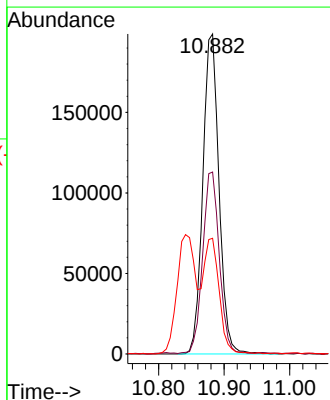
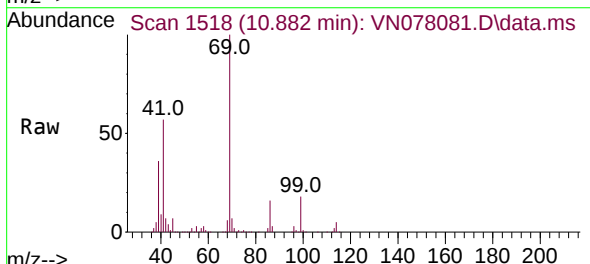
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#56
Ethyl methacrylate
Concen: 41.684 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion:	69	Resp:	341482
Ion Ratio	100	Lower	Upper
69	100		
41	58.0	39.6	59.4
39	32.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 41.303 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 76 Resp: 392239

Ion Ratio Lower Upper

76 100

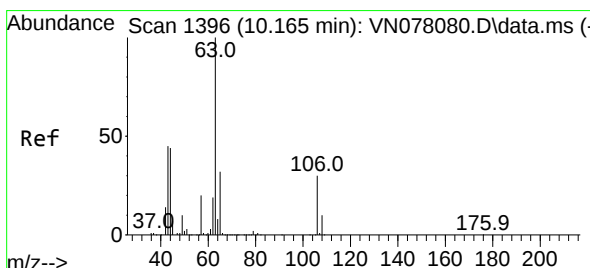
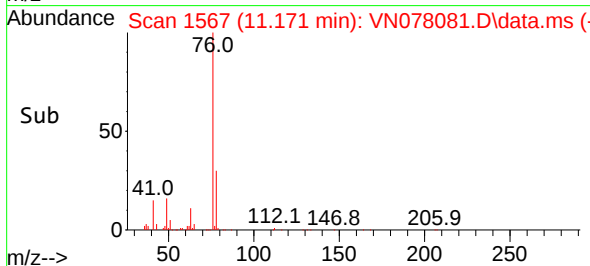
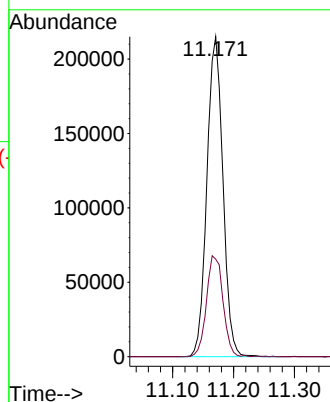
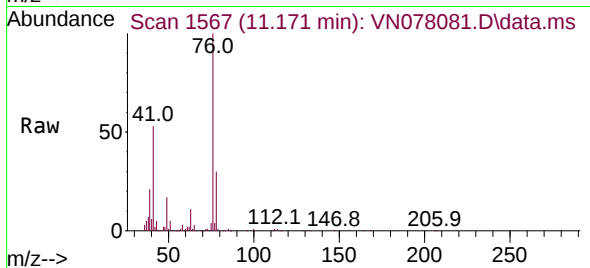
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 210.979 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078081.D

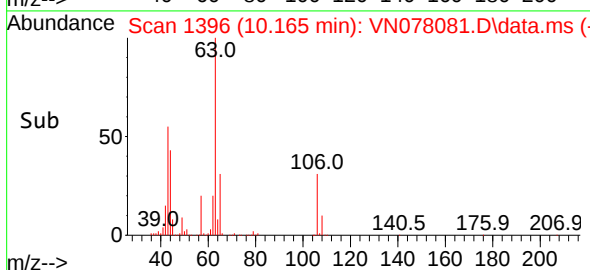
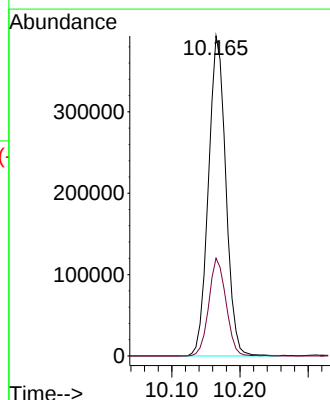
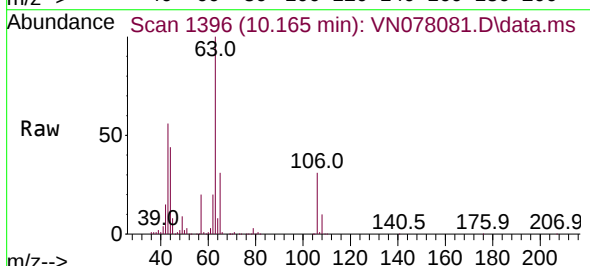
Acq: 06 Jun 2023 21:47

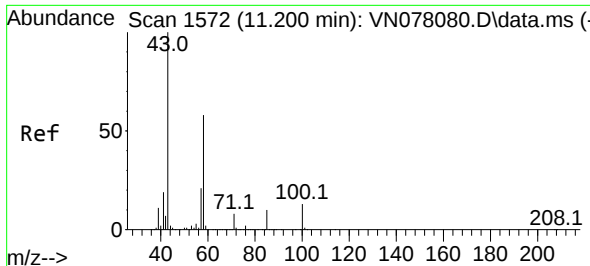
Tgt Ion: 63 Resp: 698203

Ion Ratio Lower Upper

63 100

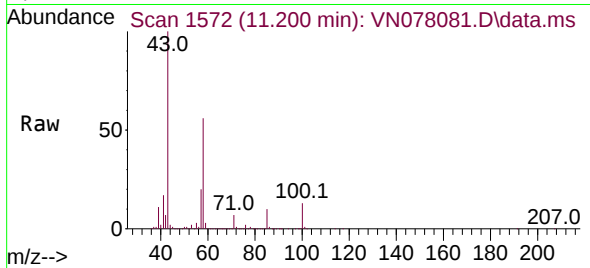
106 30.2 26.2 39.4





#59
2-Hexanone
Concen: 211.339 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

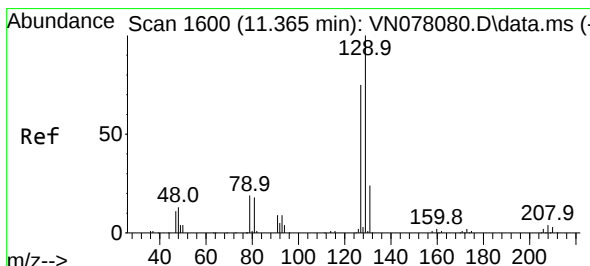
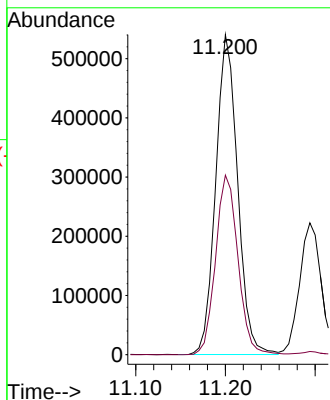
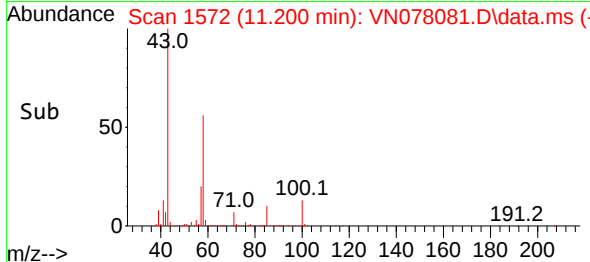
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



Tgt Ion: 43 Resp: 913460
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

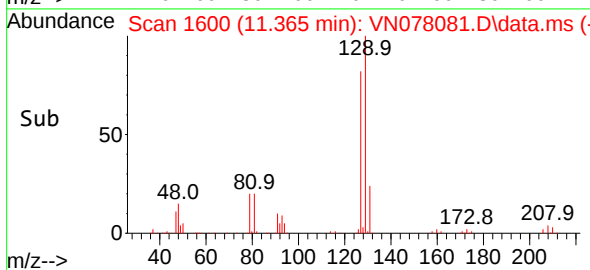
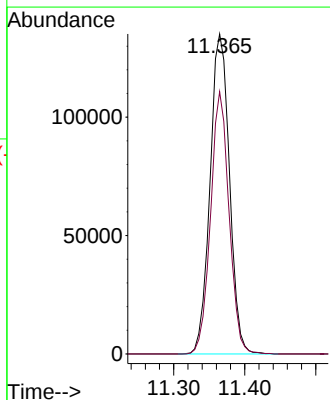
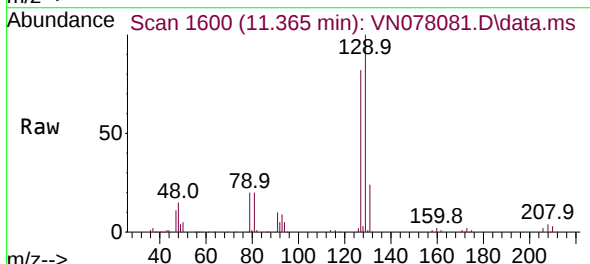
Manual Integrations
APPROVED

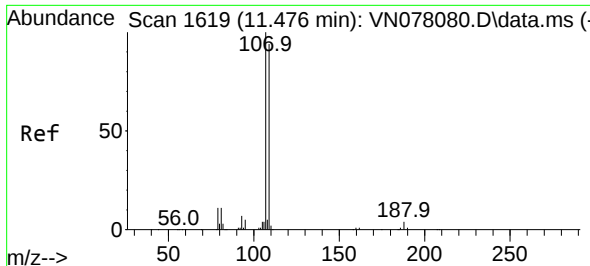
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 41.620 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

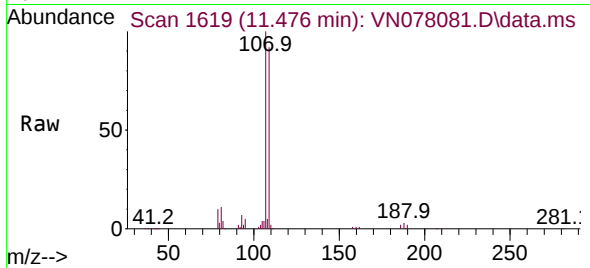
Tgt Ion:129 Resp: 256228
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 40.894 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

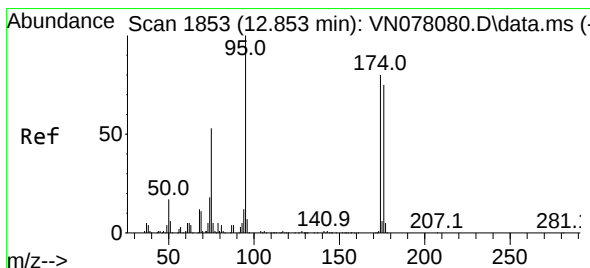
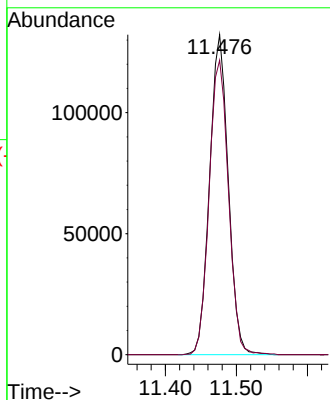
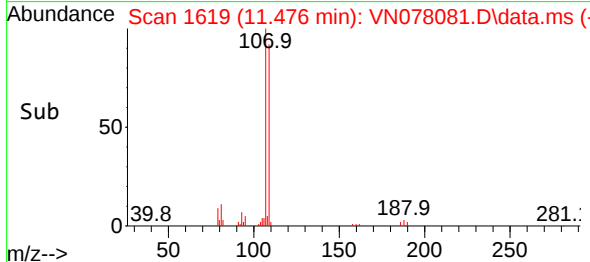
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



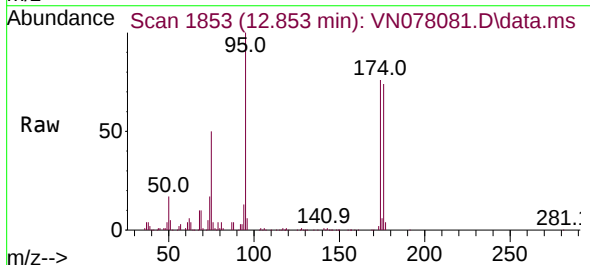
Tgt Ion:107 Resp: 241450
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8

Manual Integrations
APPROVED

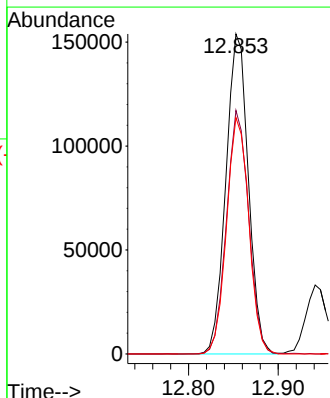
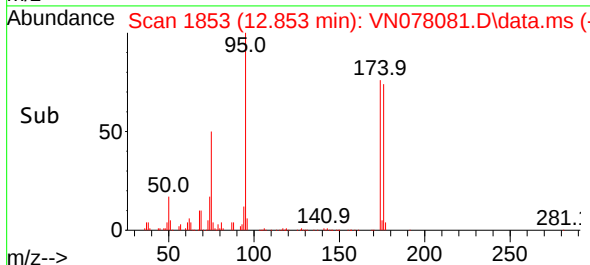
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

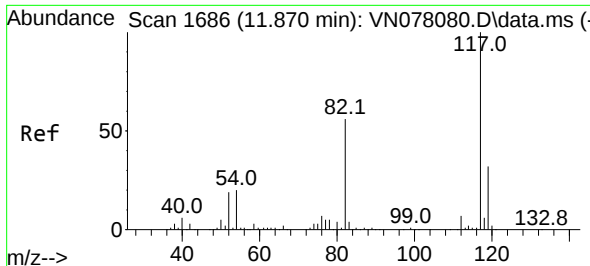


#62
4-Bromofluorobenzene
Concen: 40.500 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



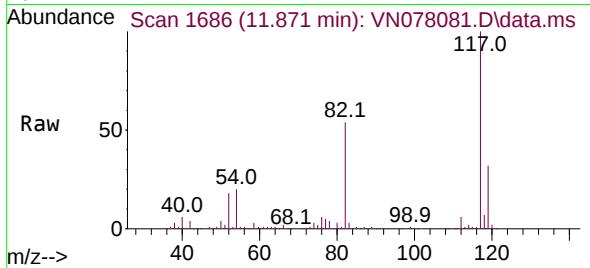
Tgt Ion: 95 Resp: 267000
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 73.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

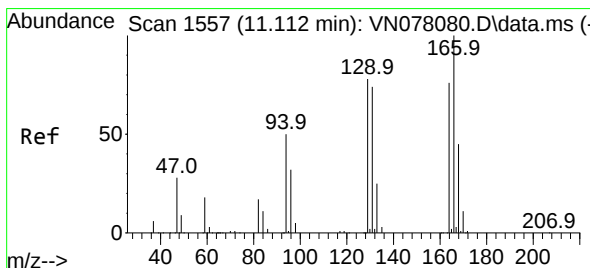
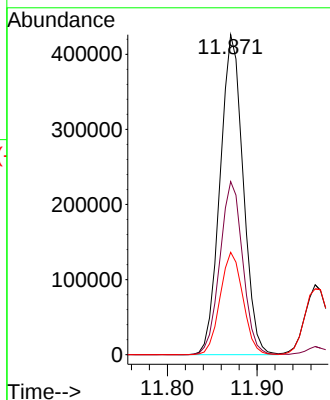
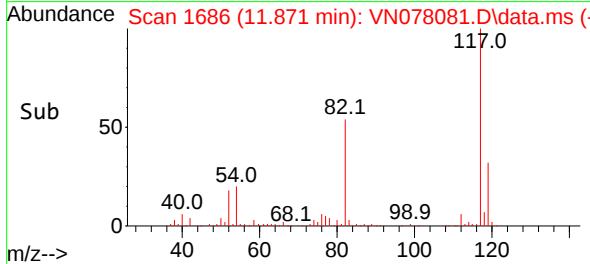
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



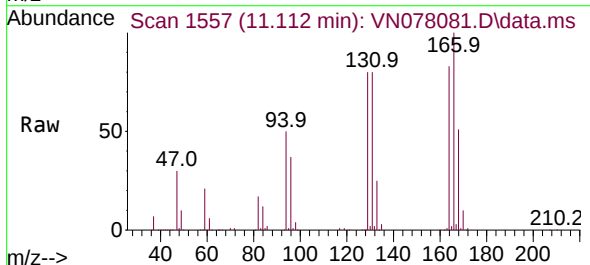
Tgt Ion:117 Resp: 761420
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.0 25.6 38.4

Manual Integrations
APPROVED

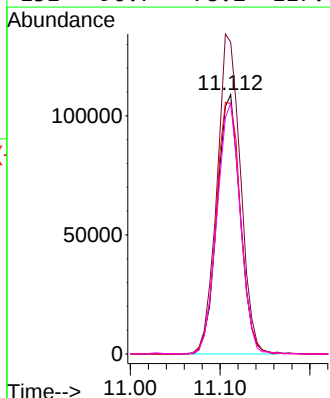
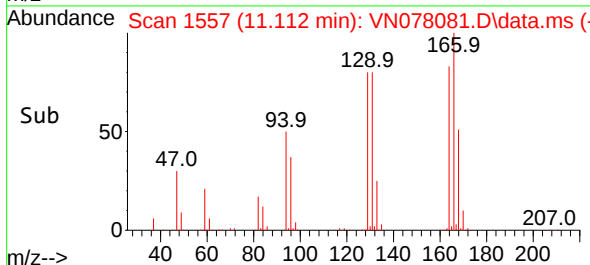
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

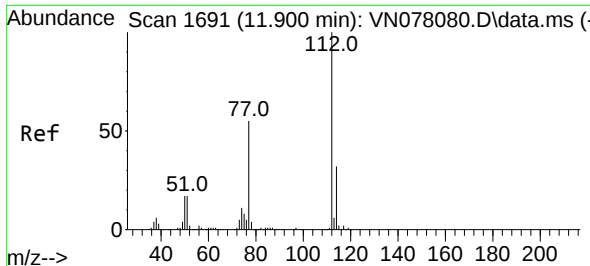


#64
Tetrachloroethene
Concen: 38.447 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



Tgt Ion:164 Resp: 195301
Ion Ratio Lower Upper
164 100
166 120.3 101.4 152.0
129 96.5 82.4 123.6
131 96.7 78.2 117.4





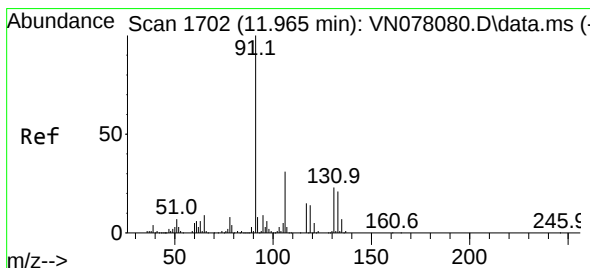
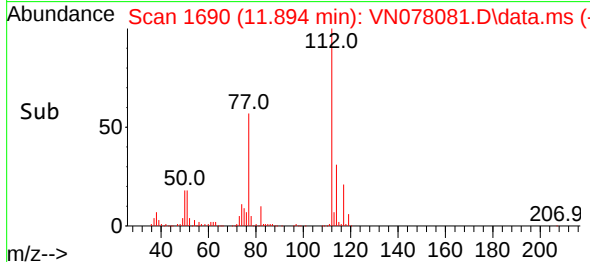
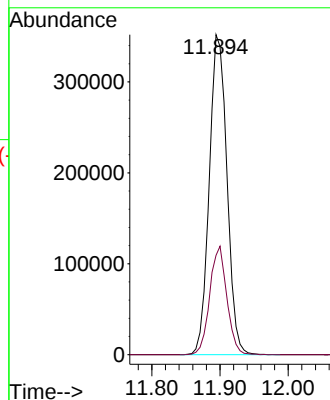
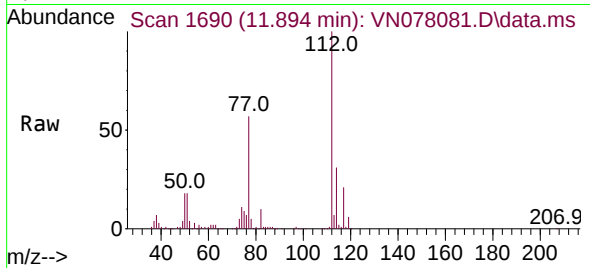
#65
Chlorobenzene
Concen: 38.960 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion:112 Resp: 635298
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

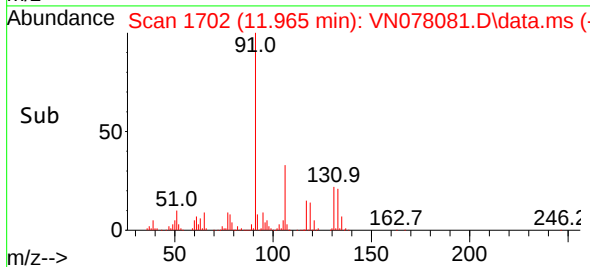
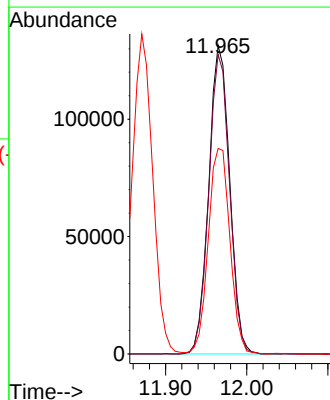
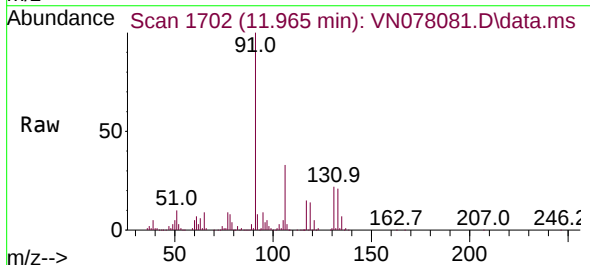
Manual Integrations
APPROVED

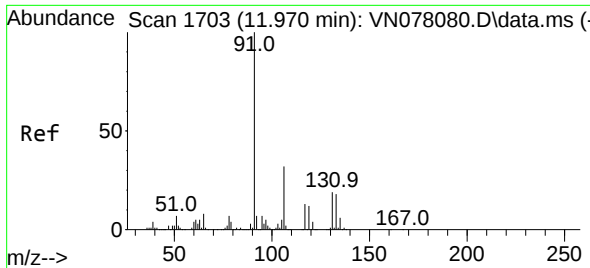
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 39.317 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

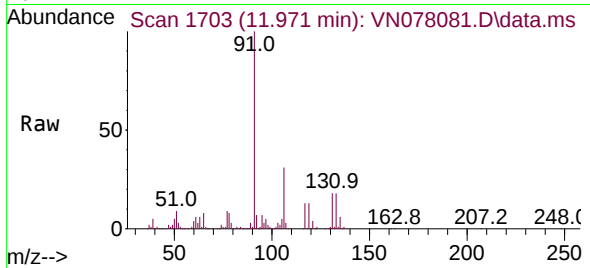
Tgt Ion:131 Resp: 235801
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 69.0 34.1 102.2





#67
Ethyl Benzene
Concen: 40.258 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

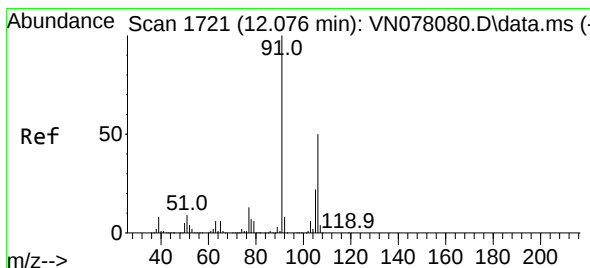
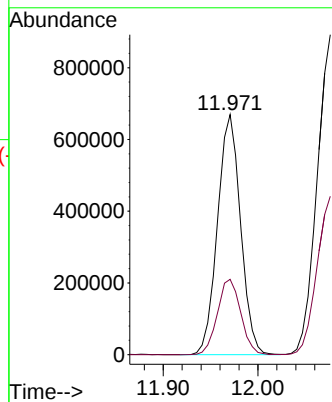
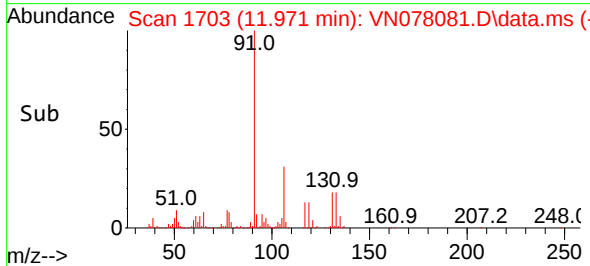
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



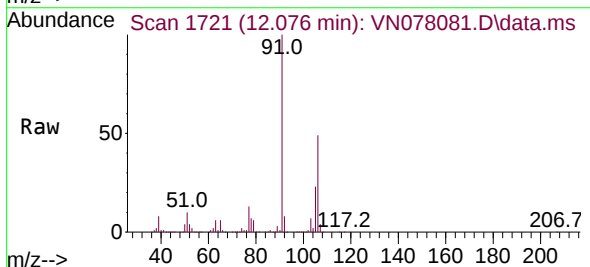
Tgt Ion: 91 Resp: 1132709
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

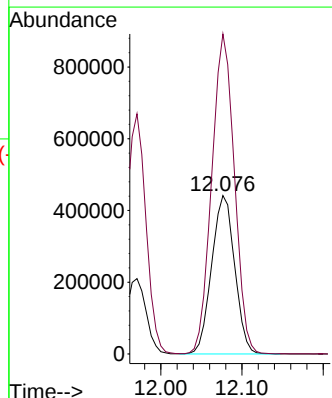
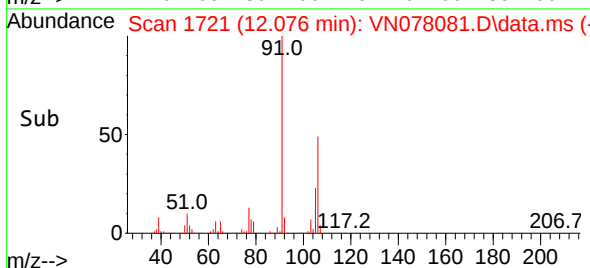
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

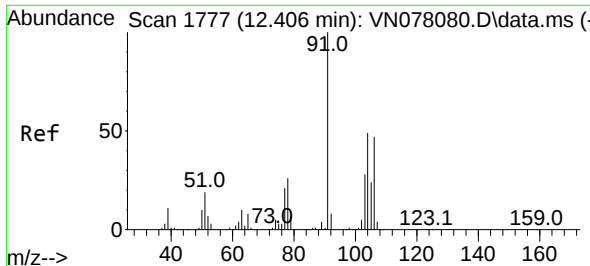


#68
m/p-Xylenes
Concen: 80.980 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



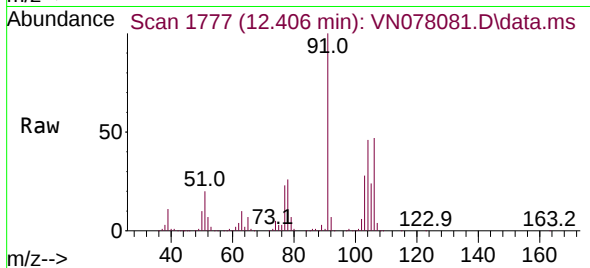
Tgt Ion:106 Resp: 868325
Ion Ratio Lower Upper
106 100
91 199.3 159.6 239.4





#69
o-Xylene
Concen: 40.516 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

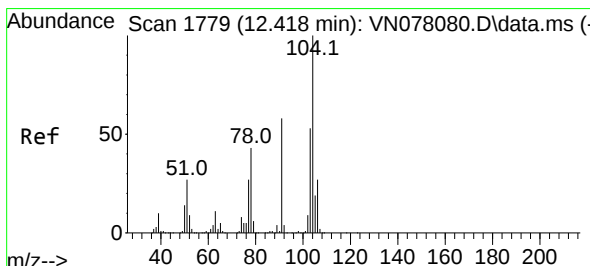
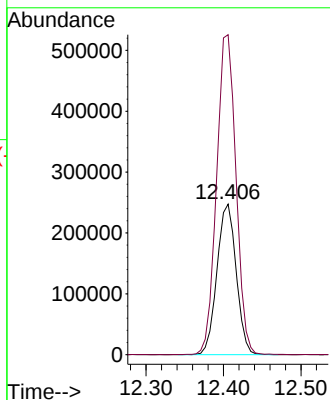
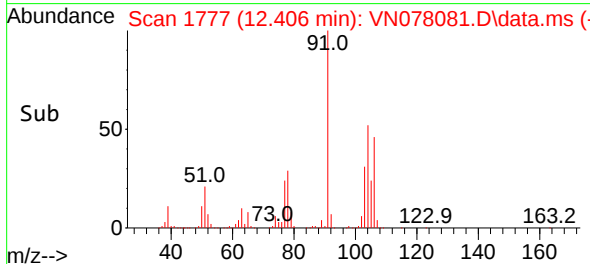
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:106 Resp: 426620
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.5

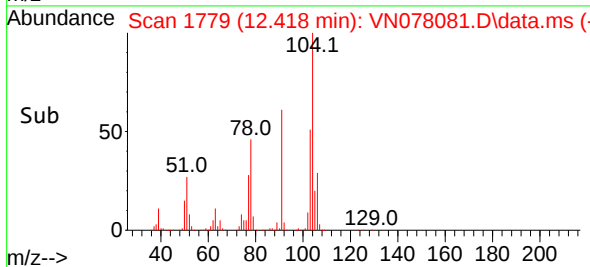
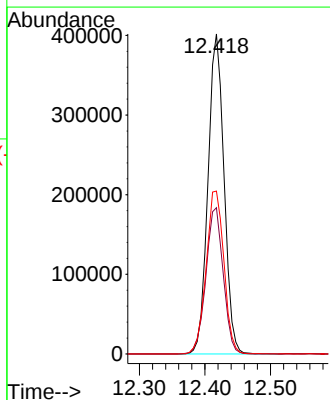
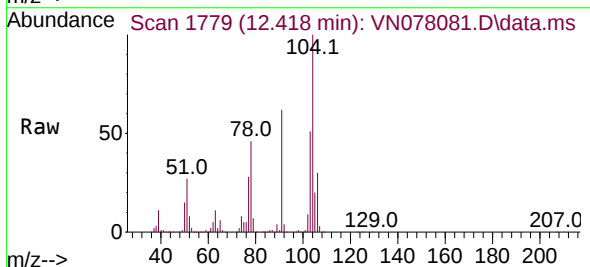
Manual Integrations
APPROVED

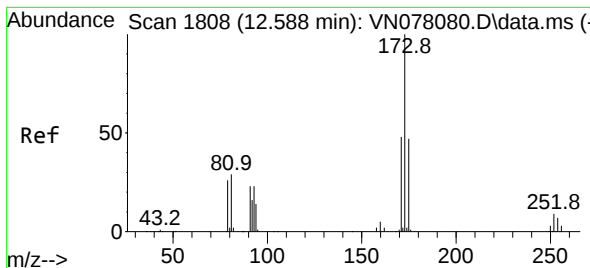
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 41.250 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion:104 Resp: 683812
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 56.4 43.2 64.8





#71

Bromoform

Concen: 41.671 ug/l

RT: 12.582 min Scan# 1808

Delta R.T. -0.006 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

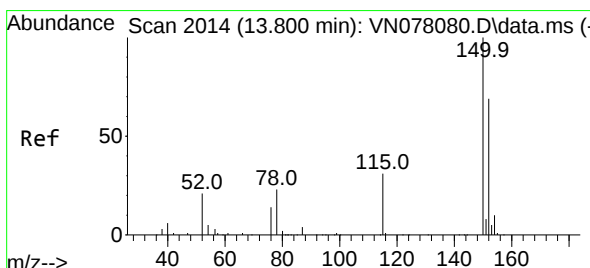
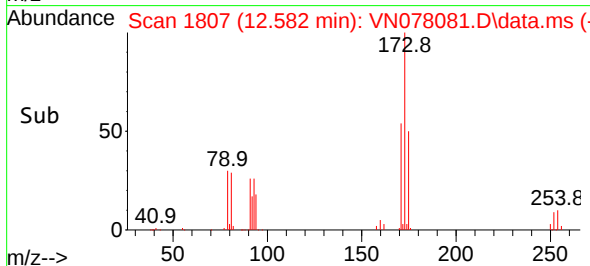
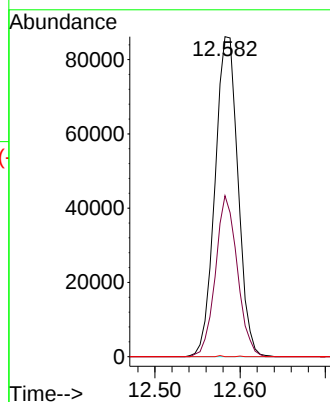
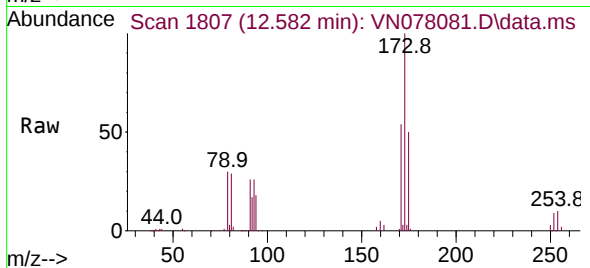
Tgt Ion:173 Resp: 161284
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

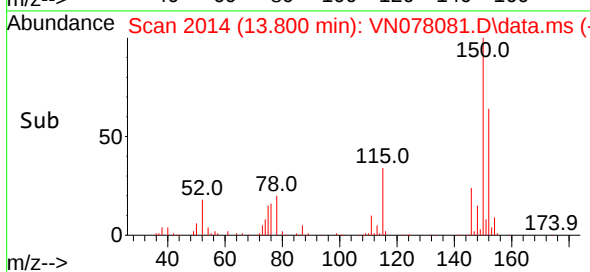
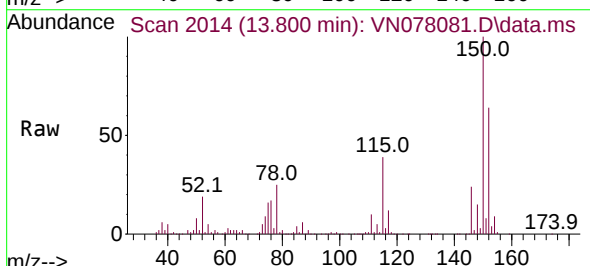
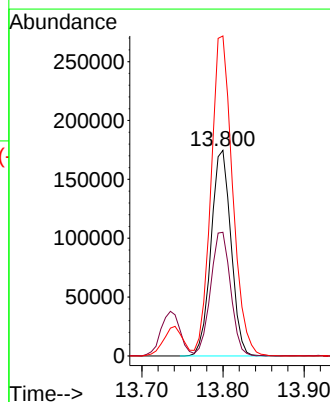
RT: 13.800 min Scan# 2014

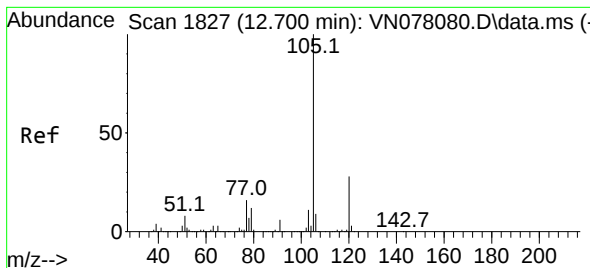
Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Tgt Ion:152 Resp: 297684
 Ion Ratio Lower Upper
 152 100
 115 60.4 32.3 96.8
 150 168.4 0.0 355.8





#73

Isopropylbenzene

Concen: 36.926 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion:105 Resp: 103945

Ion Ratio Lower Upper

105 100

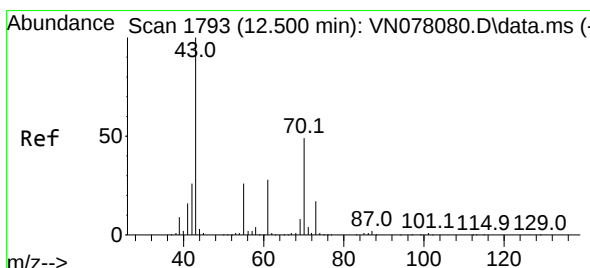
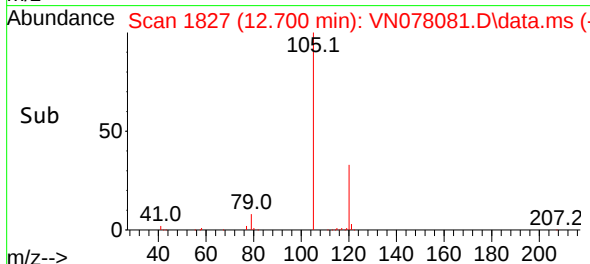
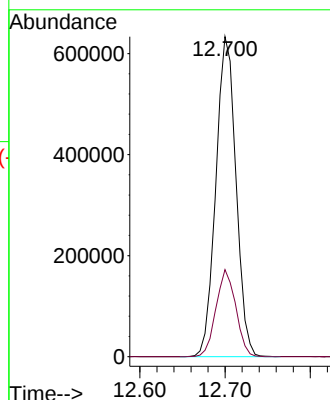
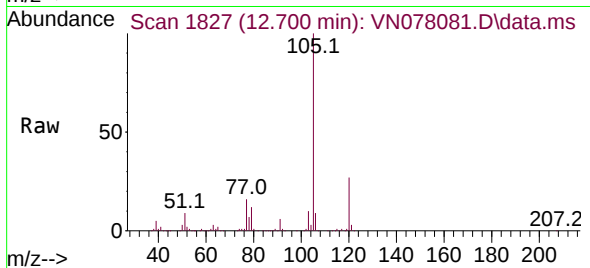
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#74

N-ethyl acetate

Concen: 37.992 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078081.D

Acq: 06 Jun 2023 21:47

Tgt Ion: 43 Resp: 352186

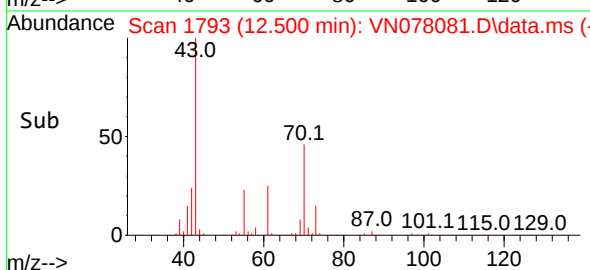
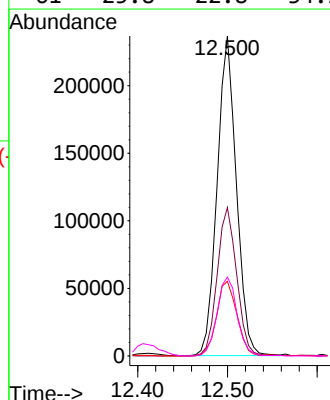
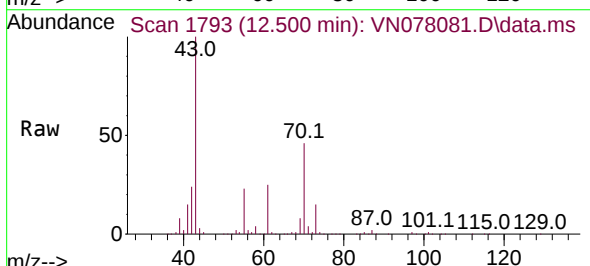
Ion Ratio Lower Upper

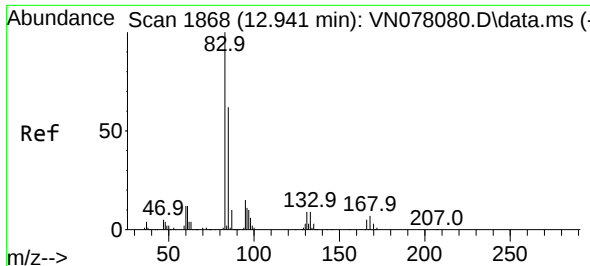
43 100

70 47.2 43.4 65.2

55 24.7 21.4 32.0

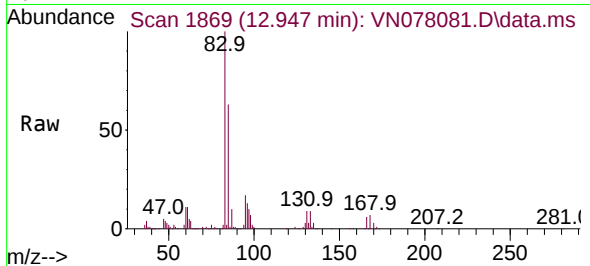
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.221 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

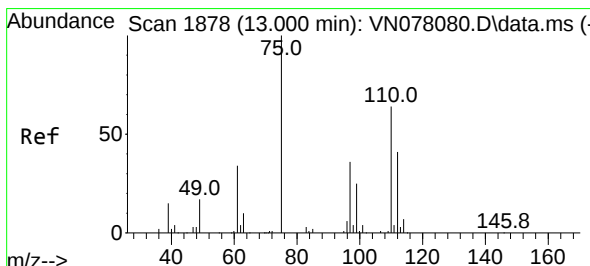
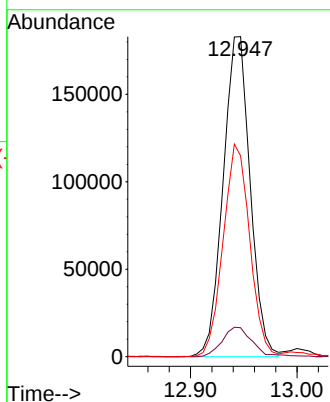
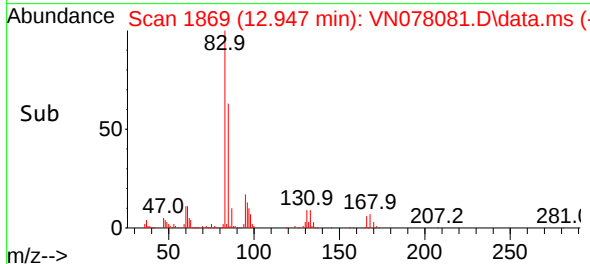
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 83 Resp: 322478
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 65.4 31.9 95.7

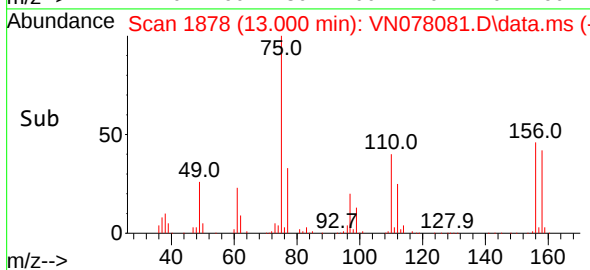
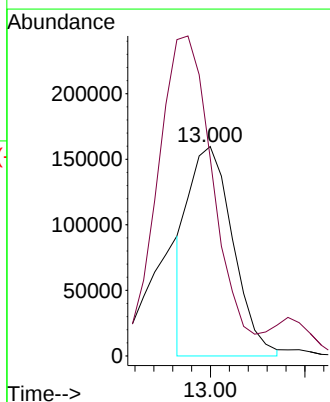
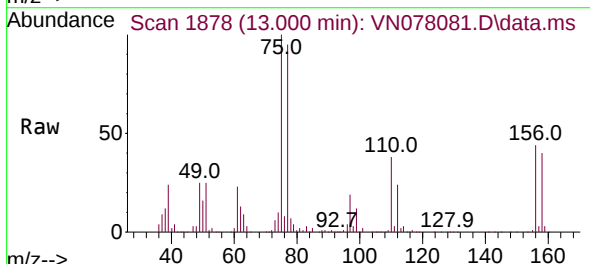
Manual Integrations
APPROVED

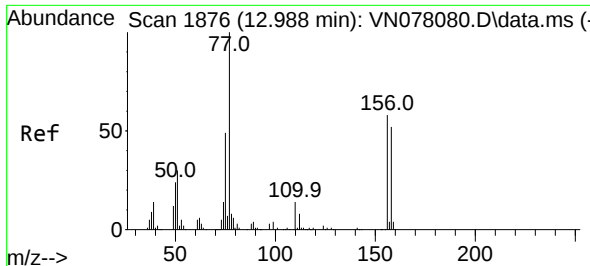
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#76
1,2,3-Trichloropropane
Concen: 36.980 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

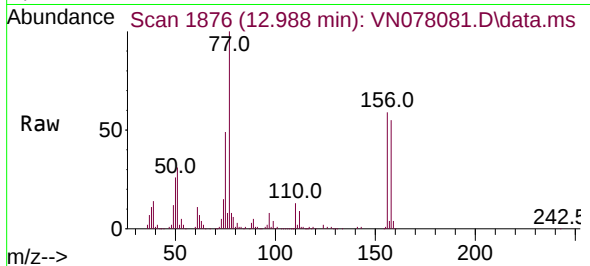
Tgt Ion: 75 Resp: 261353
Ion Ratio Lower Upper
75 100
77 192.4 84.5 253.5





#77
Bromobenzene
Concen: 38.299 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

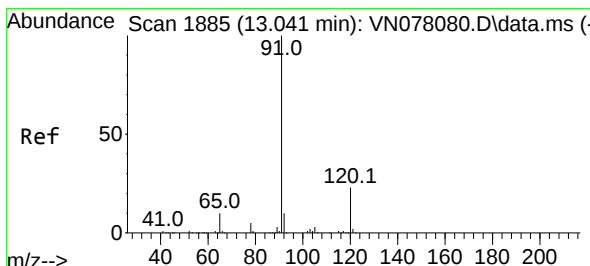
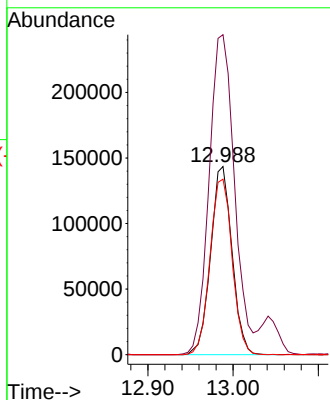
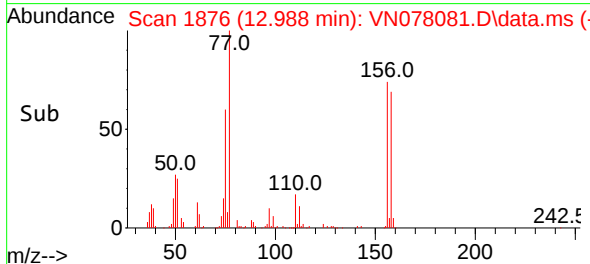
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



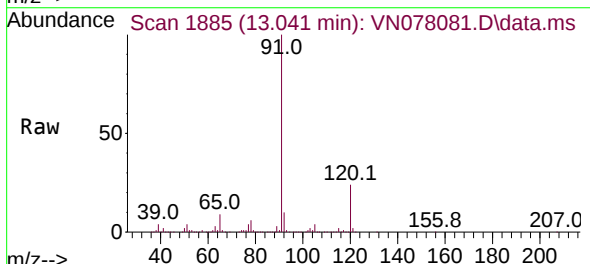
Tgt Ion:156 Resp: 250268
Ion Ratio Lower Upper
156 100
77 200.9 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
APPROVED

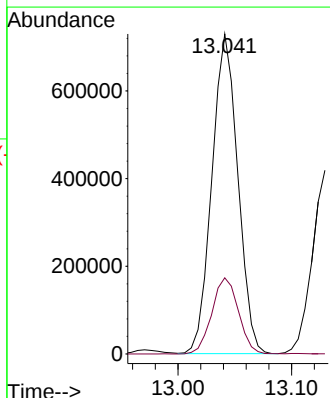
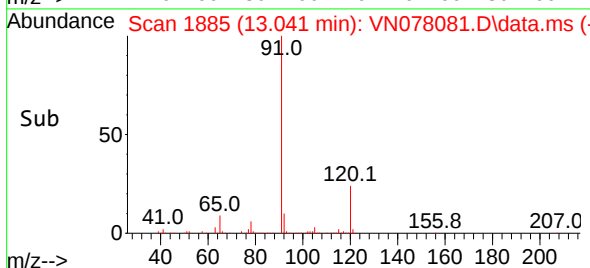
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

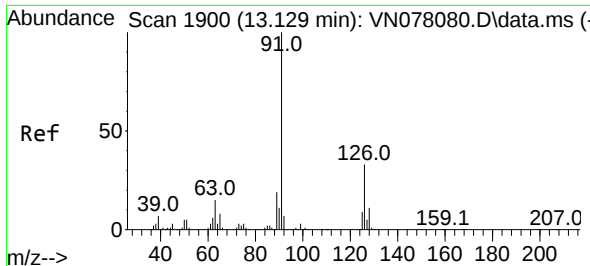


#78
n-propylbenzene
Concen: 37.809 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



Tgt Ion: 91 Resp: 1156360
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4





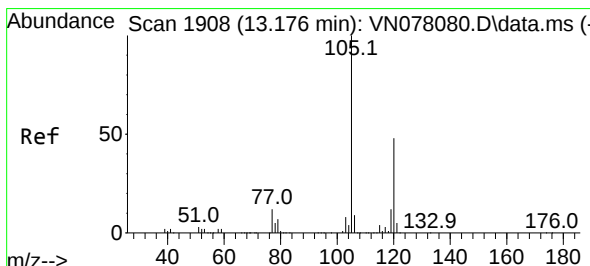
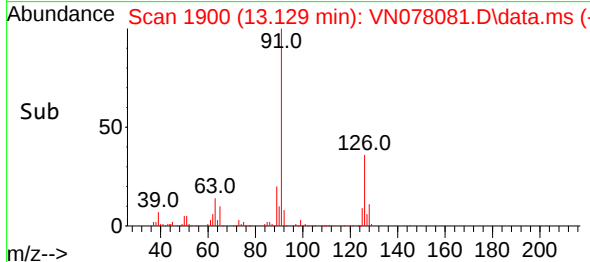
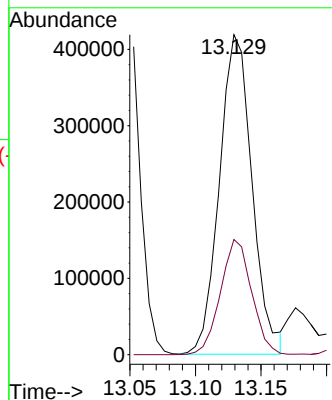
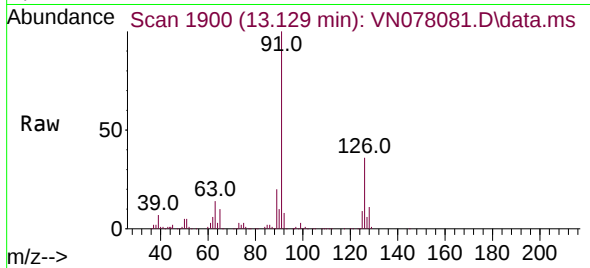
#79
2-Chlorotoluene
Concen: 36.709 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 91 Resp: 724714
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

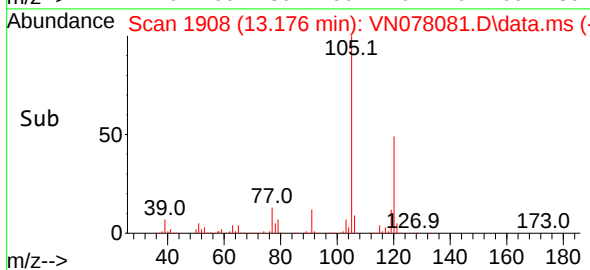
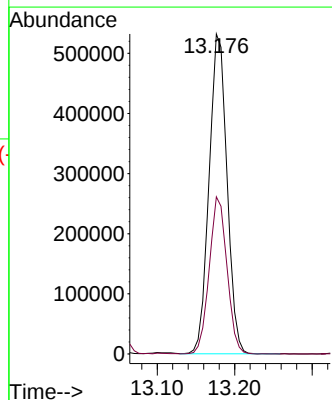
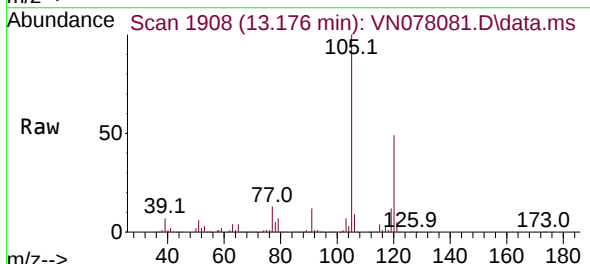
Manual Integrations
APPROVED

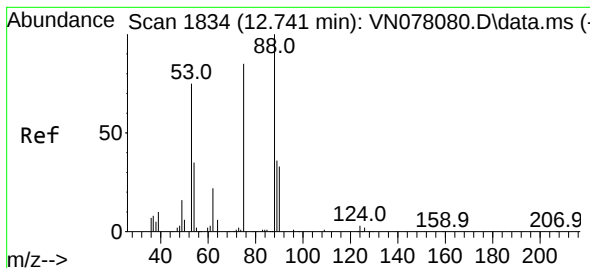
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 37.434 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

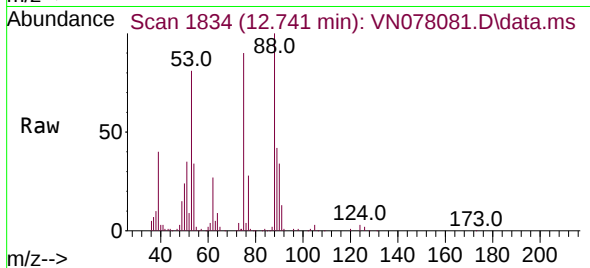
Tgt Ion:105 Resp: 853143
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 39.027 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

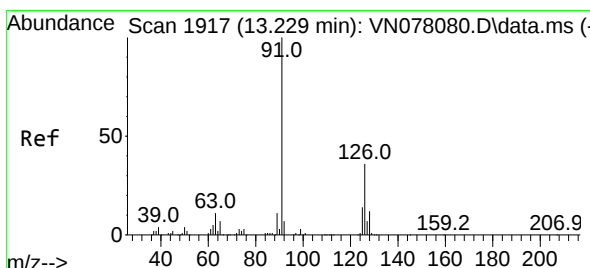
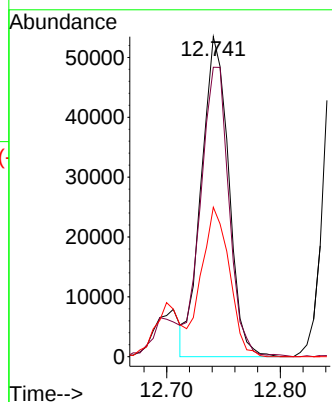
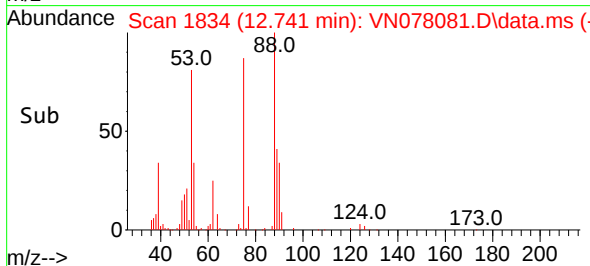
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



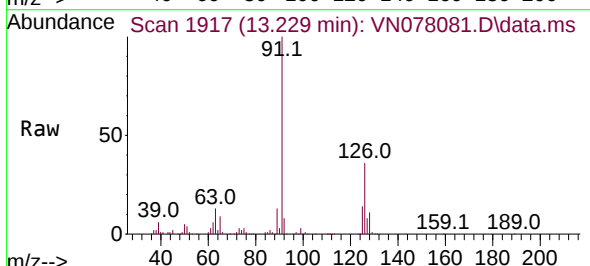
Tgt Ion: 75 Resp: 89394
Ion Ratio Lower Upper
75 100
53 94.0 67.4 101.2
89 47.3 38.8 58.2

Manual Integrations
APPROVED

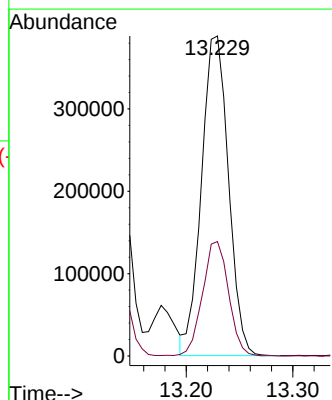
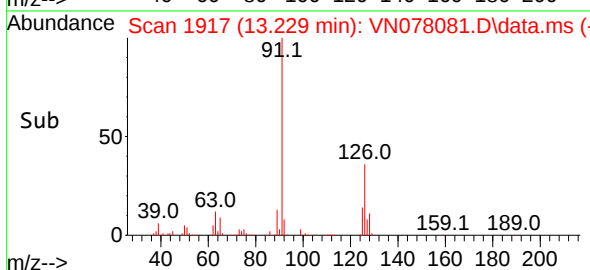
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

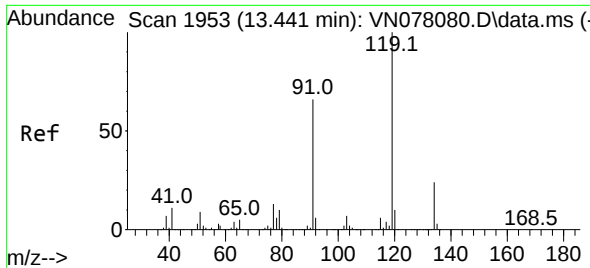


#82
4-Chlorotoluene
Concen: 37.096 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



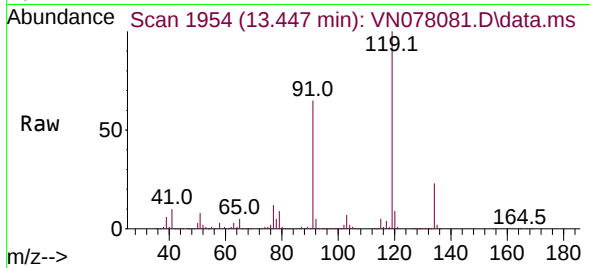
Tgt Ion: 91 Resp: 683496
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 37.131 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

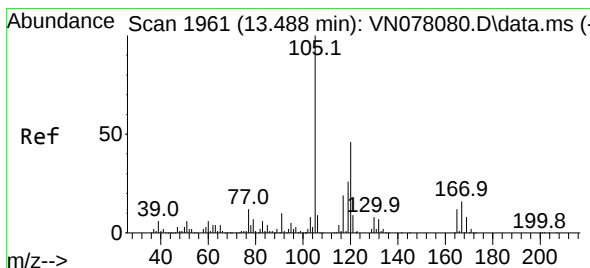
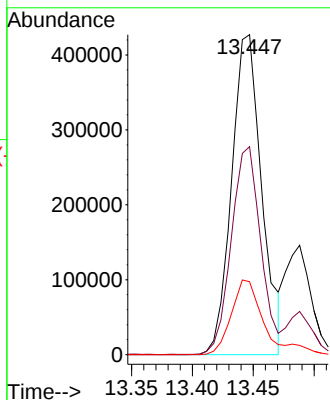
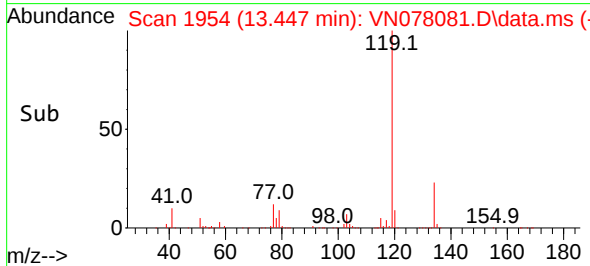
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



Tgt Ion:119 Resp: 735590
Ion Ratio Lower Upper
119 100
91 63.5 33.9 101.7
134 25.5 13.2 39.6

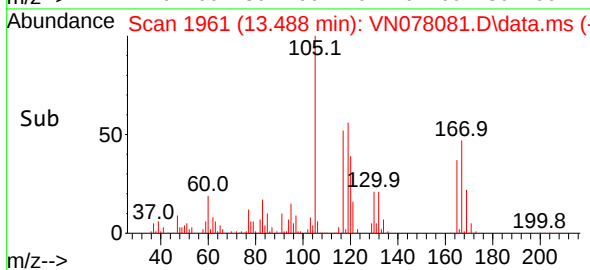
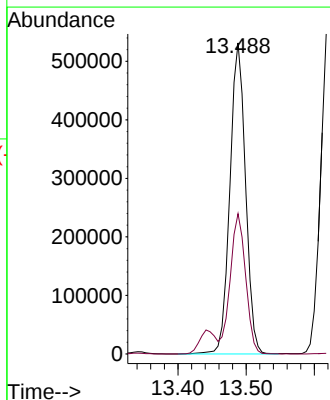
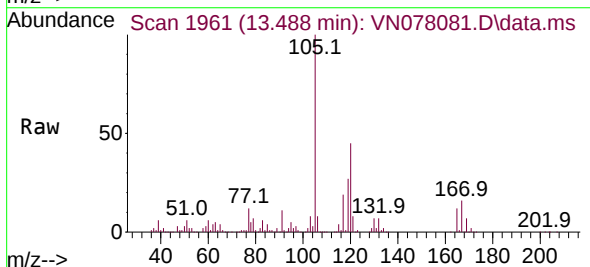
Manual Integrations
APPROVED

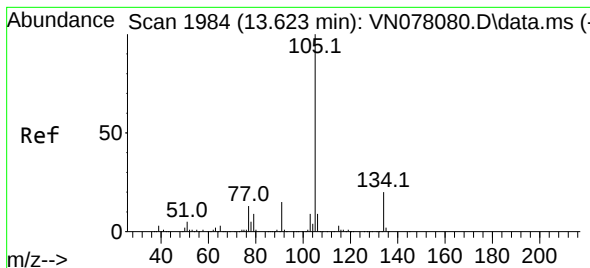
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 38.407 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion:105 Resp: 848643
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





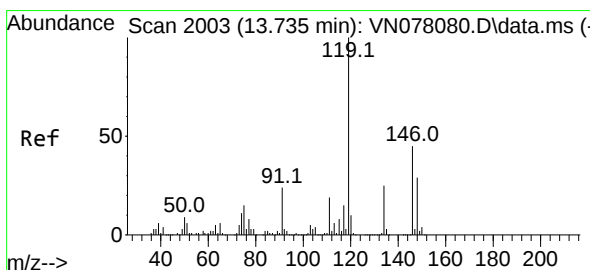
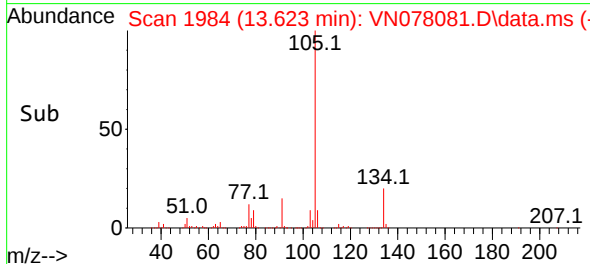
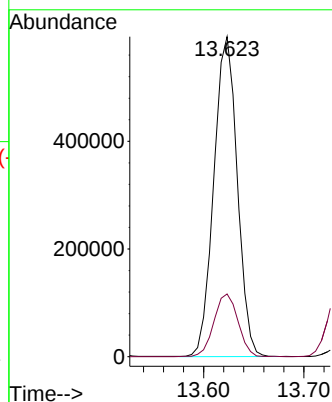
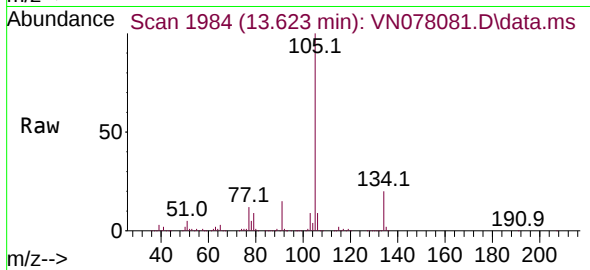
#85
 sec-Butylbenzene
 Concen: 37.223 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078081.D
 Acq: 06 Jun 2023 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Tgt Ion:105 Resp: 96518
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

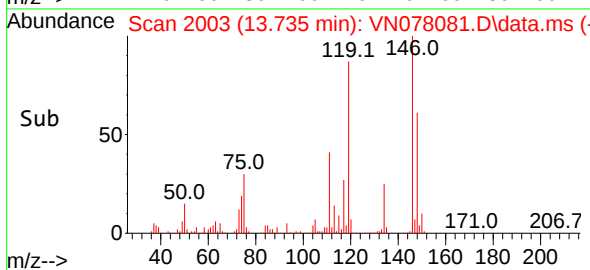
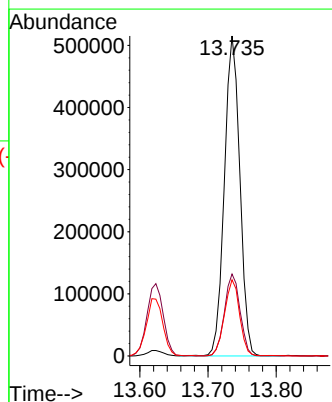
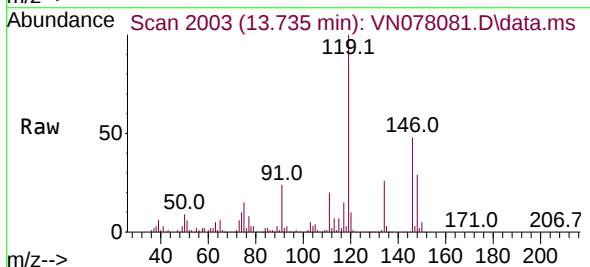
Manual Integrations
 APPROVED

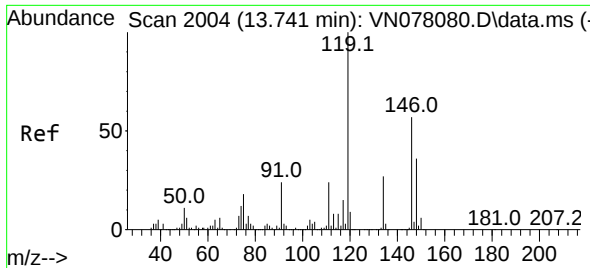
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 38.674 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078081.D
 Acq: 06 Jun 2023 21:47

Tgt Ion:119 Resp: 813781
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.2 12.4 37.2





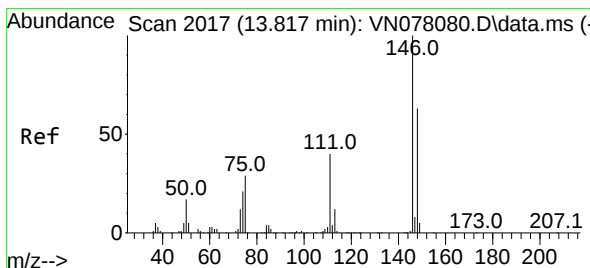
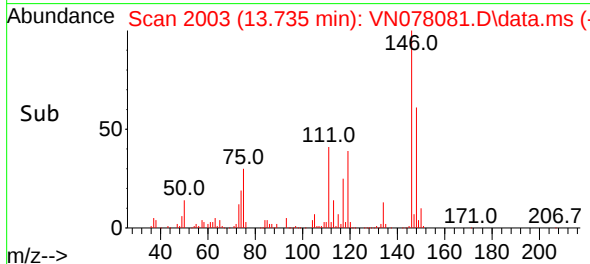
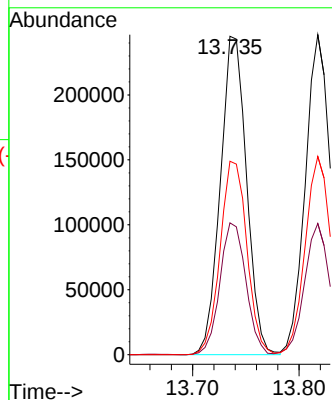
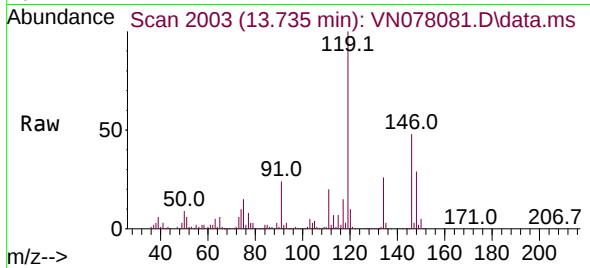
#87
1,3-Dichlorobenzene
Concen: 37.922 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:146 Resp: 41916
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 61.9 32.0 96.0

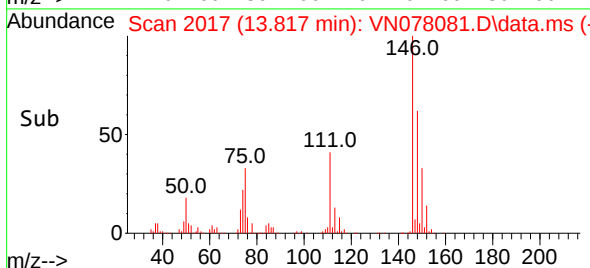
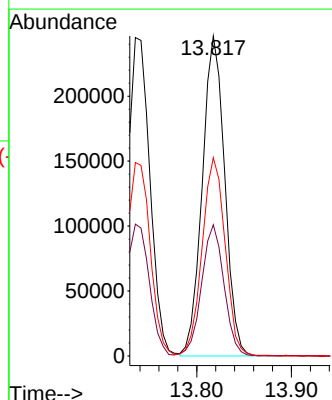
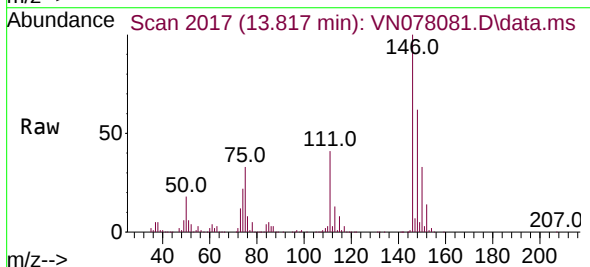
Manual Integrations
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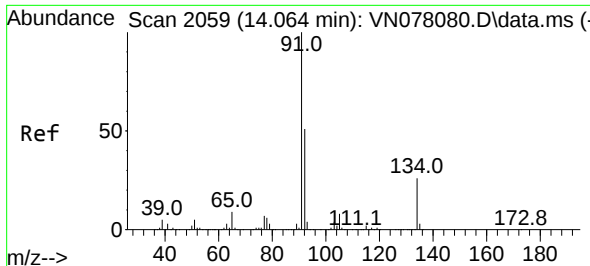
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#88
1,4-Dichlorobenzene
Concen: 37.986 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion:146 Resp: 405151
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.5 31.6 94.8





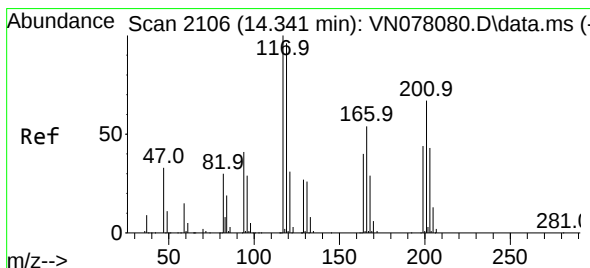
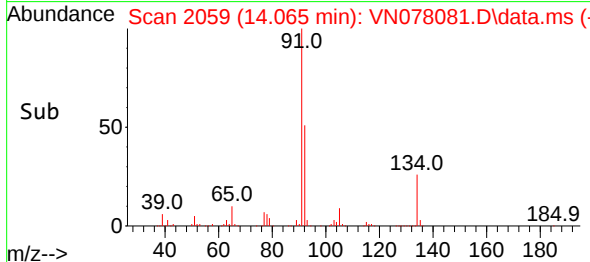
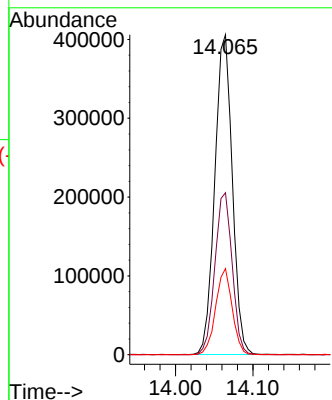
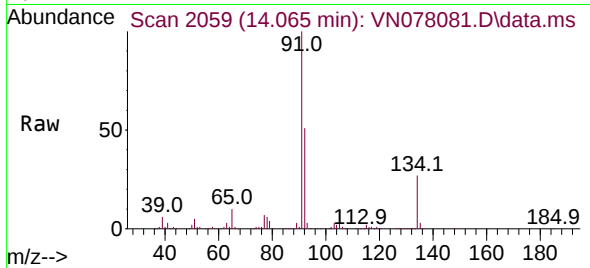
#89
n-Butylbenzene
Concen: 38.344 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 91 Resp: 636399
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 25.5 12.6 37.6

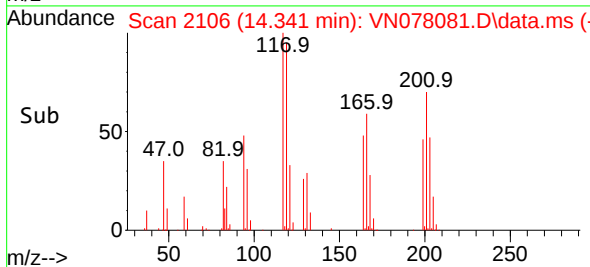
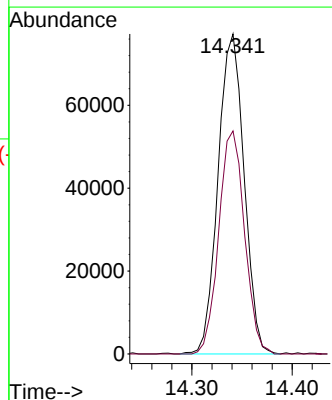
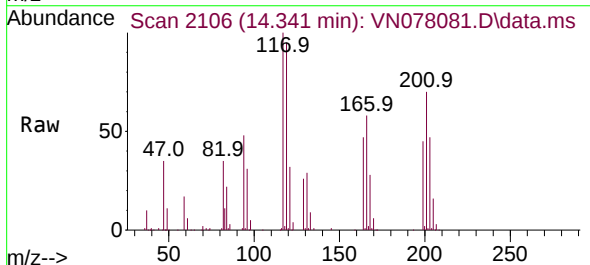
Manual Integrations
APPROVED

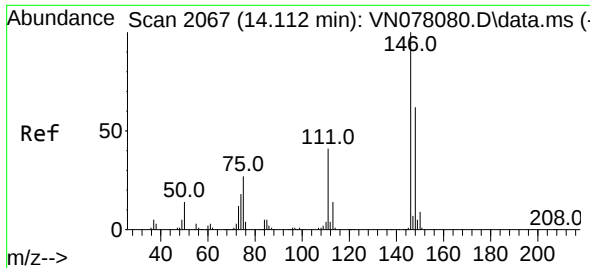
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 37.232 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Tgt Ion:117 Resp: 139034
Ion Ratio Lower Upper
117 100
201 68.9 29.3 88.0





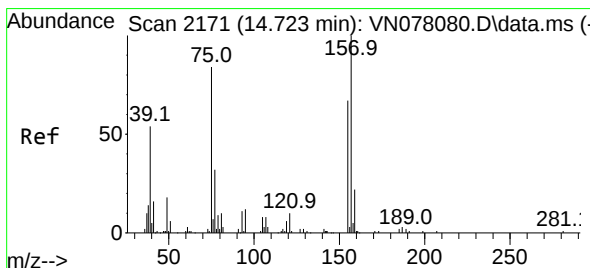
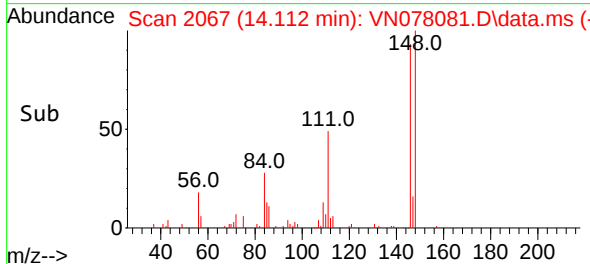
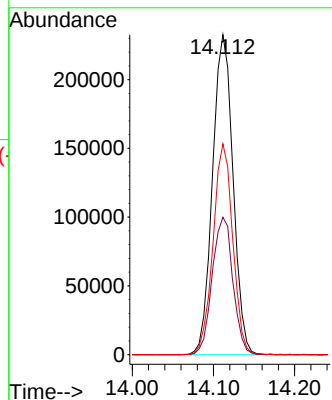
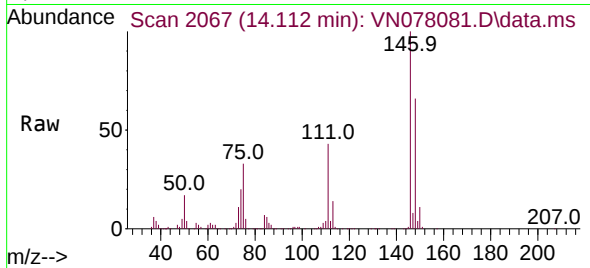
#91
1,2-Dichlorobenzene
Concen: 37.792 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:146 Resp: 408264
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.5 31.8 95.3

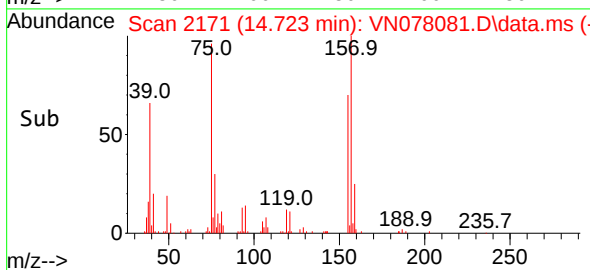
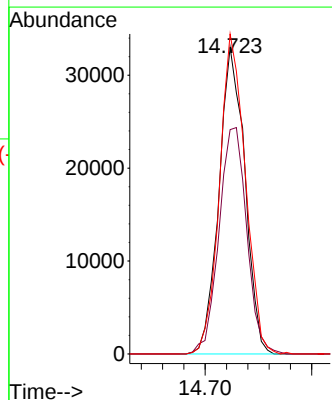
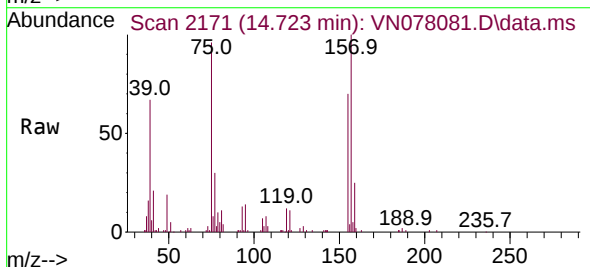
Manual Integrations
APPROVED

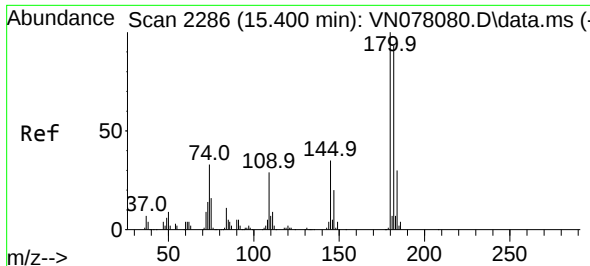
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.831 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

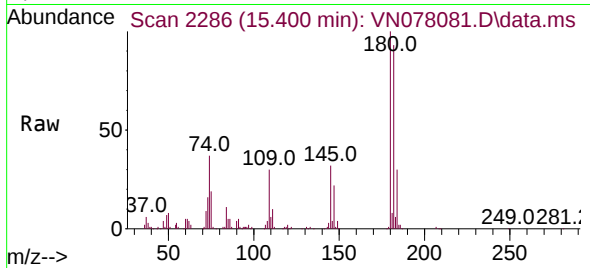
Tgt Ion: 75 Resp: 55538
Ion Ratio Lower Upper
75 100
155 79.2 39.1 117.2
157 104.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 42.317 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

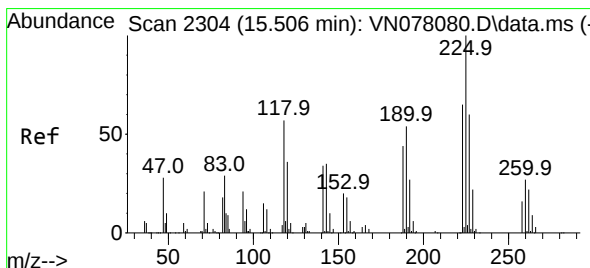
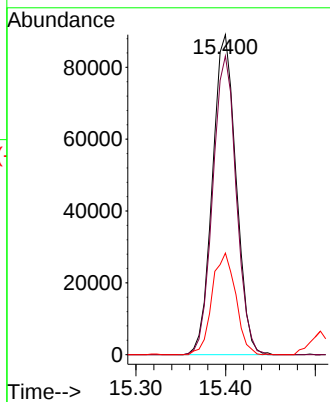
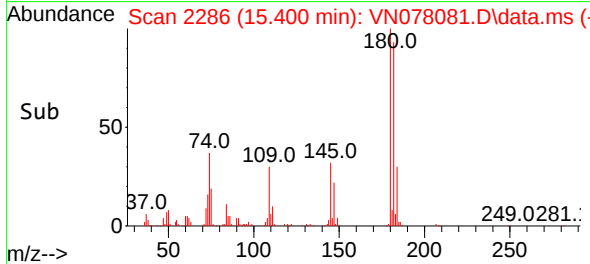
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



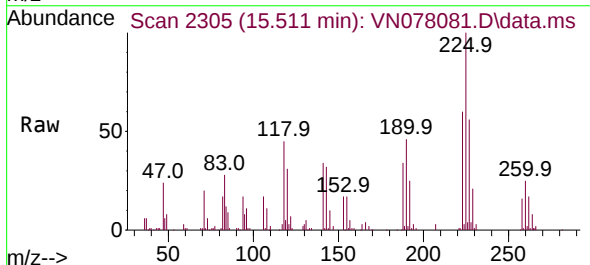
Tgt Ion:180 Resp: 162870
Ion Ratio Lower Upper
180 100
182 92.8 46.1 138.2
145 31.8 16.6 49.8

Manual Integrations
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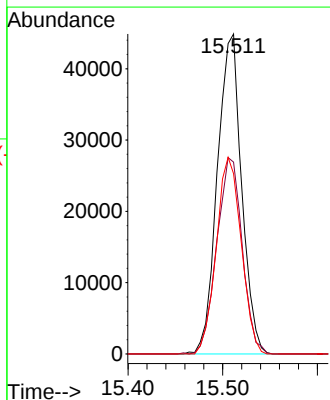
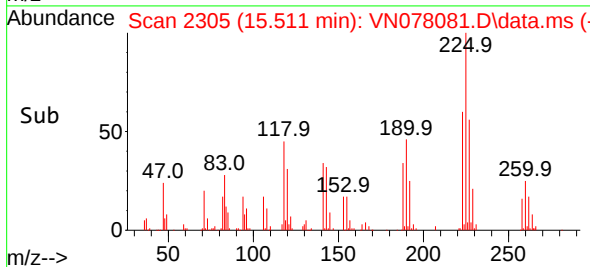
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

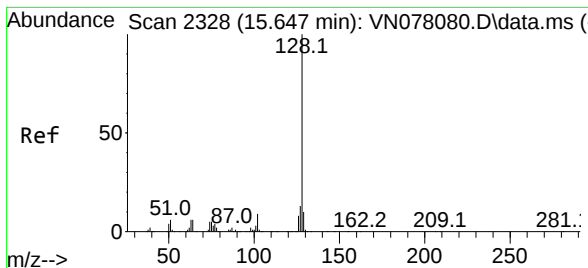


#94
Hexachlorobutadiene
Concen: 41.929 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



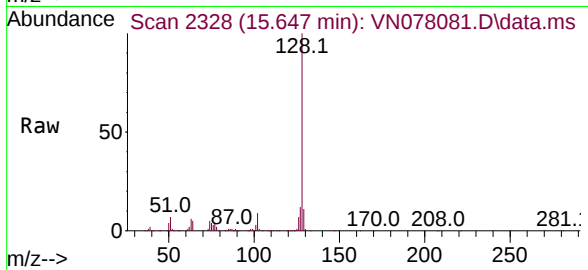
Tgt Ion:225 Resp: 79922
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 63.2 31.9 95.9





#95
Naphthalene
Concen: 41.281 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47

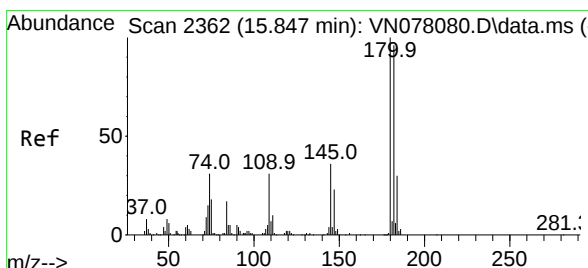
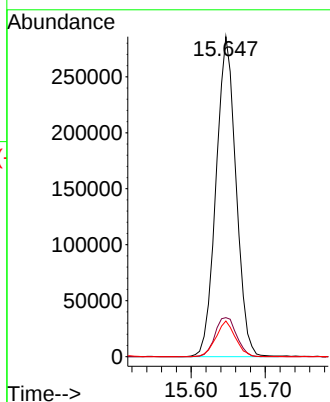
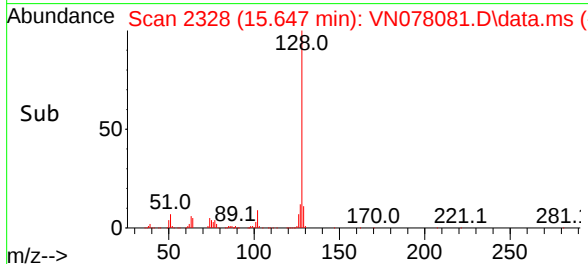
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



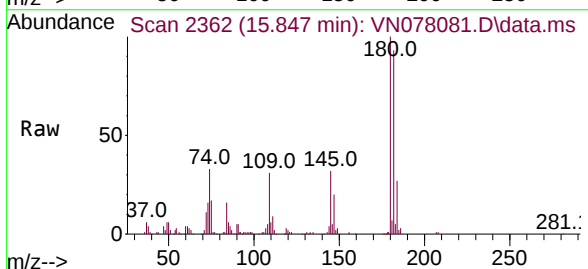
Tgt Ion:128 Resp: 53446
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 39.782 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078081.D
Acq: 06 Jun 2023 21:47



Tgt Ion:180 Resp: 171254
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 35.1 17.5 52.6

