

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077628.D
 Acq On : 09 May 2023 12:58
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/10/2023

Quant Time: May 09 13:28:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	651197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1201051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1080677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	488297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	835449	101.160	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 202.320%#			
35) Dibromofluoromethane	8.172	113	752638	100.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.960%#			
50) Toluene-d8	10.571	98	2978760	105.034	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.060%#			
62) 4-Bromofluorobenzene	12.848	95	1068552	111.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 222.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	701365	96.352	ug/l	100
3) Chloromethane	2.372	50	552821	99.246	ug/l	97
4) Vinyl Chloride	2.525	62	827455	95.290	ug/l	99
5) Bromomethane	2.937	94	651589	94.511	ug/l	97
6) Chloroethane	3.113	64	555896	92.322	ug/l	99
7) Trichlorofluoromethane	3.495	101	1310637	96.289	ug/l	98
8) Diethyl Ether	3.966	74	400648	100.121	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.372	101	634235	93.251	ug/l	99
10) Methyl Iodide	4.595	142	1062906	105.858	ug/l	97
11) Tert butyl alcohol	5.531	59	467900	481.614	ug/l	100
12) 1,1-Dichloroethene	4.342	96	628036	97.177	ug/l	94
13) Acrolein	4.184	56	466153	495.068	ug/l	99
14) Allyl chloride	5.031	41	693018	107.966	ug/l	97
15) Acrylonitrile	5.725	53	1222559	508.756	ug/l	99
16) Acetone	4.431	43	886000	450.432	ug/l	100
17) Carbon Disulfide	4.713	76	1586749	102.100	ug/l	99
18) Methyl Acetate	5.031	43	754633	97.070	ug/l	95
19) Methyl tert-butyl Ether	5.801	73	2206133	103.740	ug/l	96
20) Methylene Chloride	5.278	84	726260	89.360	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	747071	102.197	ug/l	96
22) Diisopropyl ether	6.678	45	1591701	100.447	ug/l	96
23) Vinyl Acetate	6.613	43	5026878m	555.921	ug/l	
24) 1,1-Dichloroethane	6.572	63	1194212	99.415	ug/l	98
25) 2-Butanone	7.489	43	1345634	469.434	ug/l	96
26) 2,2-Dichloropropane	7.495	77	1122156	103.078	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	874411	98.334	ug/l	96
28) Bromochloromethane	7.819	49	451380	102.983	ug/l	84
29) Tetrahydrofuran	7.836	42	890922	505.971	ug/l	92
30) Chloroform	7.972	83	1440769	101.204	ug/l	97
31) Cyclohexane	8.260	56	939764	89.040	ug/l	87
32) 1,1,1-Trichloroethane	8.172	97	1336728	101.978	ug/l	97
36) 1,1-Dichloropropene	8.377	75	1019266	98.600	ug/l	99
37) Ethyl Acetate	7.566	43	575259	97.323	ug/l	97
38) Carbon Tetrachloride	8.366	117	1141054	101.039	ug/l	99
39) Methylcyclohexane	9.601	83	1293174	100.773	ug/l	97
40) Benzene	8.613	78	3068911	98.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	330695	102.398	ug/l	94
42) 1,2-Dichloroethane	8.672	62	1013570	96.653	ug/l	98
43) Isopropyl Acetate	8.695	43	1058182	102.107	ug/l	92
44) Trichloroethene	9.354	130	820569	99.888	ug/l	97
45) 1,2-Dichloropropane	9.624	63	683642	95.074	ug/l	96
46) Dibromomethane	9.713	93	564931	100.999	ug/l	95
47) Bromodichloromethane	9.889	83	1157418	105.942	ug/l	95
48) Methyl methacrylate	9.683	41	478624	98.400	ug/l	91
49) 1,4-Dioxane	9.695	88	282216	1950.929	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	2953958	484.498	ug/l	94
52) Toluene	10.630	92	2147715	103.254	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	1210467	113.719	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	1283801	106.010	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	806865	100.044	ug/l	98
56) Ethyl methacrylate	10.877	69	1105367	108.679	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	1283020	98.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	2359460	498.710	ug/l	96
59) 2-Hexanone	11.201	43	2145321	497.860	ug/l	93
60) Dibromochloromethane	11.360	129	903487	112.846	ug/l	99
61) 1,2-Dibromoethane	11.471	107	842472	106.251	ug/l	99
64) Tetrachloroethene	11.107	164	644996	100.285	ug/l	99
65) Chlorobenzene	11.895	112	2301024	103.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	828944	103.580	ug/l	98
67) Ethyl Benzene	11.966	91	4134869	106.026	ug/l	98
68) m/p-Xylenes	12.071	106	3300830	213.770	ug/l	98
69) o-Xylene	12.401	106	1625135	105.004	ug/l	100
70) Styrene	12.413	104	2728000	115.091	ug/l	98
71) Bromoform	12.577	173	574814	118.355	ug/l #	99
73) Isopropylbenzene	12.695	105	4213971	96.740	ug/l	99
74) N-amyl acetate	12.495	43	972501	101.163	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	1098164	91.706	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	931974m	96.907	ug/l	
77) Bromobenzene	12.983	156	913571	94.699	ug/l	94
78) n-propylbenzene	13.036	91	4828879	103.272	ug/l	99
79) 2-Chlorotoluene	13.130	91	2899738	97.368	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	3645861	109.404	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	342650	108.273	ug/l	97
82) 4-Chlorotoluene	13.224	91	2862691	102.497	ug/l	99
83) tert-Butylbenzene	13.442	119	3054698	97.548	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	3563998	113.801	ug/l	99
85) sec-Butylbenzene	13.618	105	4464223	105.904	ug/l	100
86) p-Isopropyltoluene	13.730	119	3675225	111.495	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	1723662	102.794	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	1711925	102.700	ug/l	99
89) n-Butylbenzene	14.059	91	3132698	119.928	ug/l	99
90) Hexachloroethane	14.336	117	657468	104.004	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	1652896	99.148	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	207969	98.136	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	772390	103.101	ug/l	97
94) Hexachlorobutadiene	15.506	225	355469	99.800	ug/l	98
95) Naphthalene	15.642	128	2663362	102.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	718821	103.134	ug/l	97

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ClientSampleId :
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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

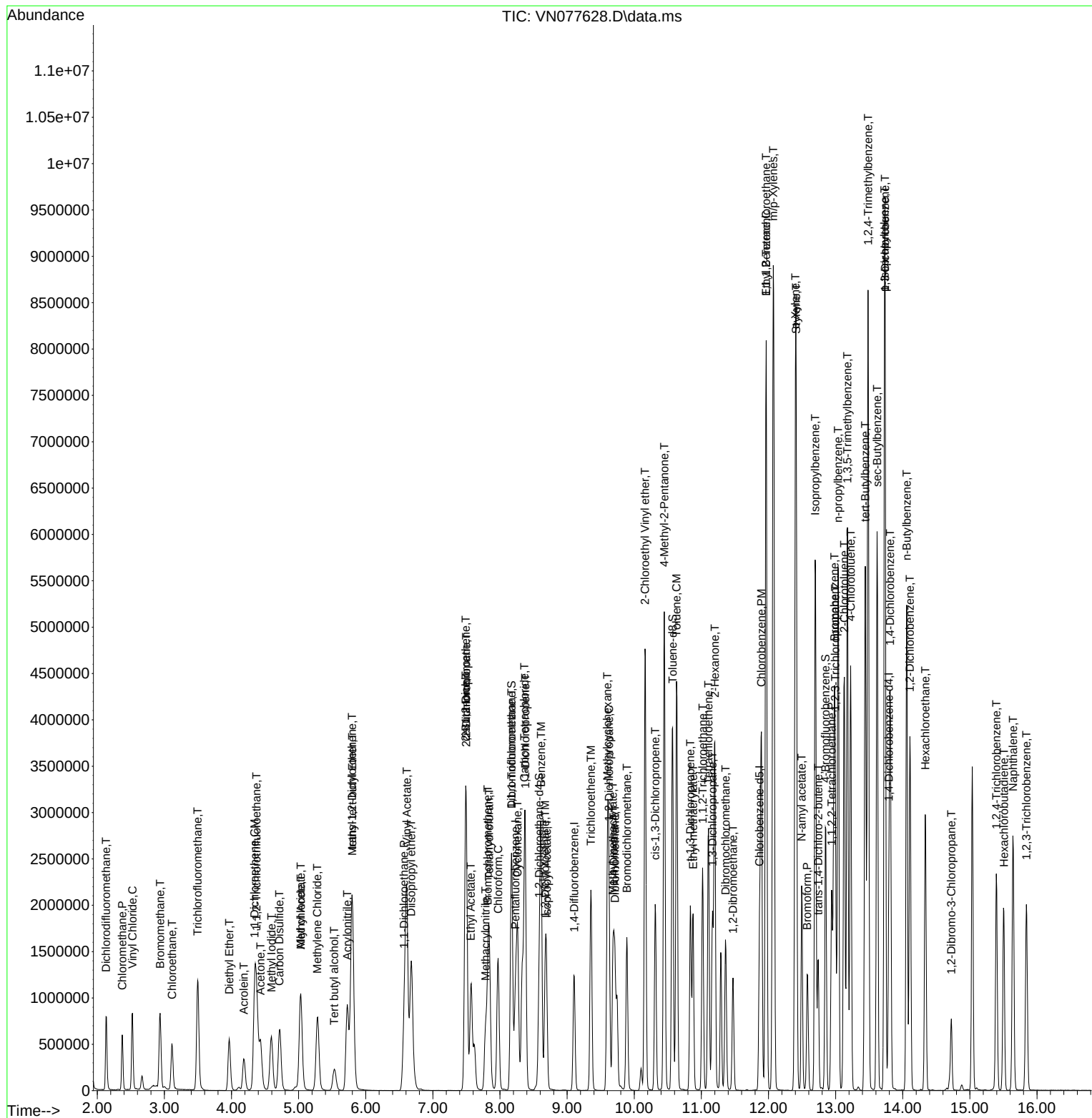
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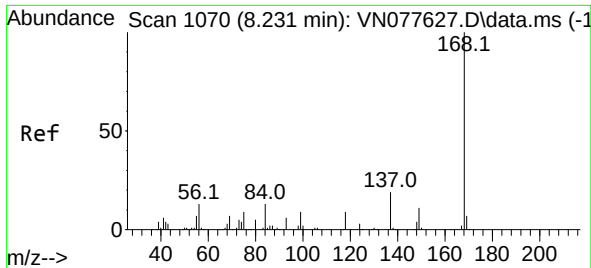
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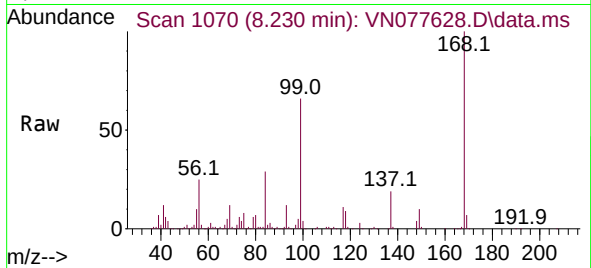
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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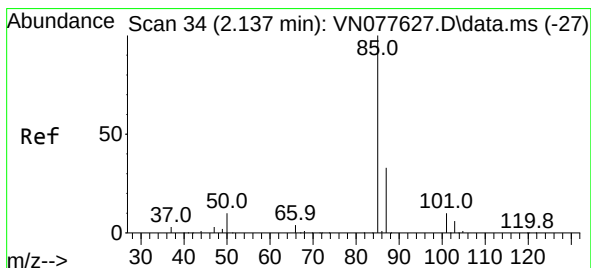
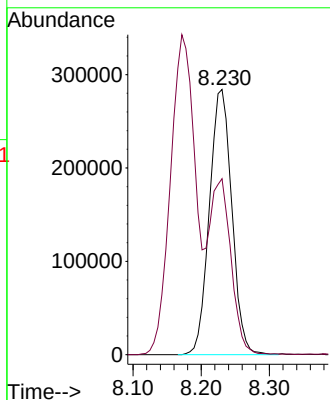
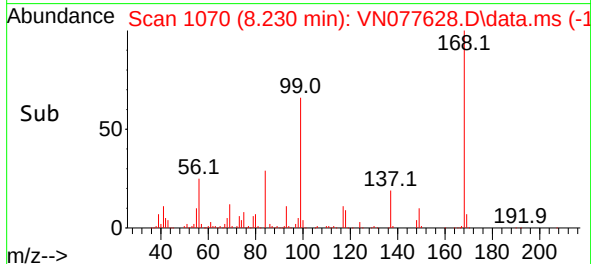
Instrument :
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ClientSampleId :
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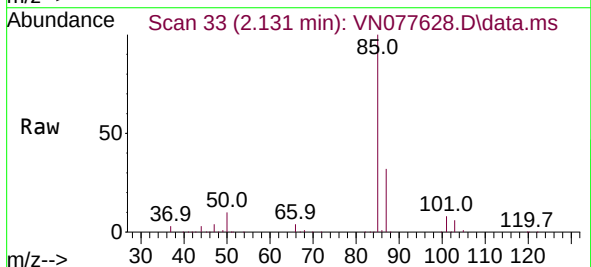
Tgt Ion:168 Resp: 65119
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6

Manual Integrations
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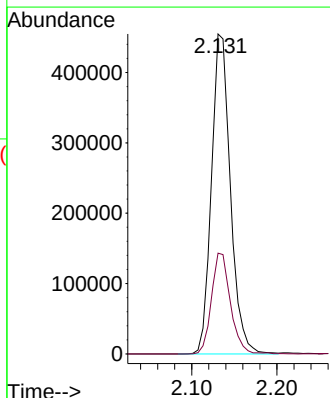
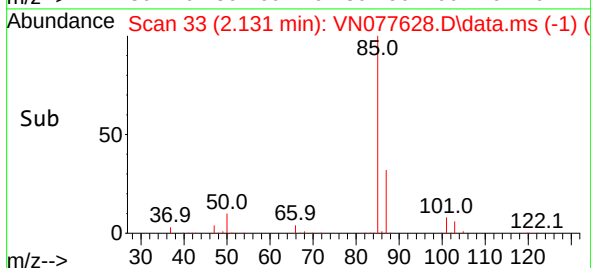
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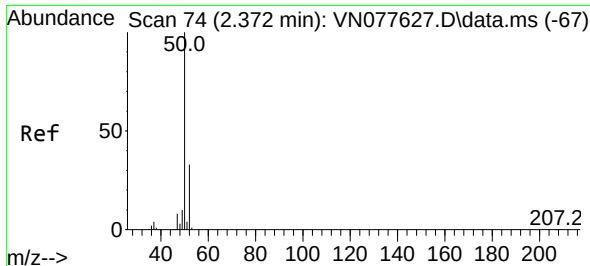


#2
Dichlorodifluoromethane
Concen: 96.352 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



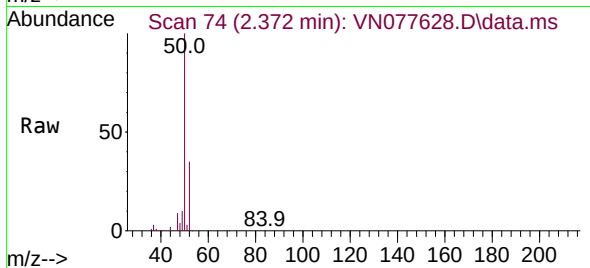
Tgt Ion: 85 Resp: 701365
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 99.246 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

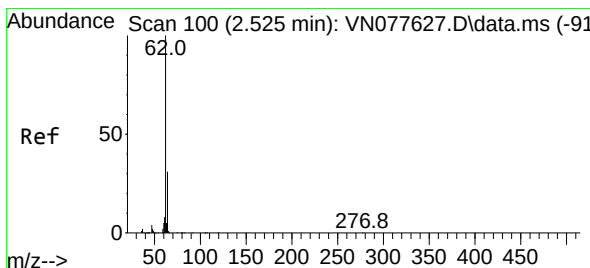
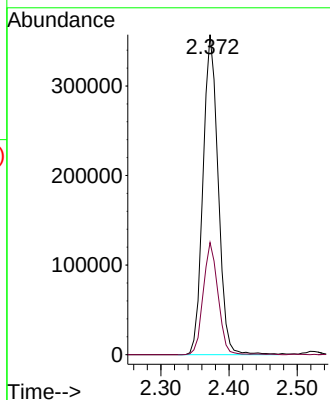
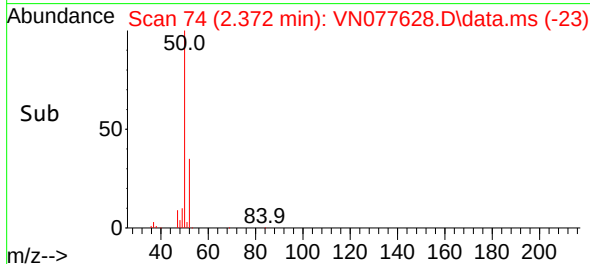
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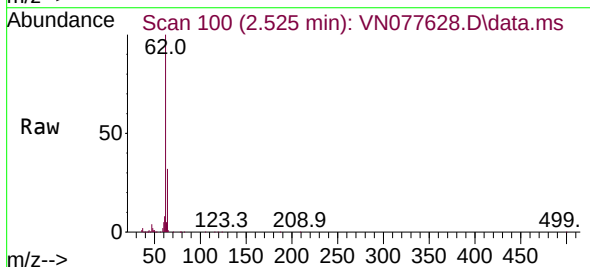
Tgt Ion: 50 Resp: 55282
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

Manual Integrations
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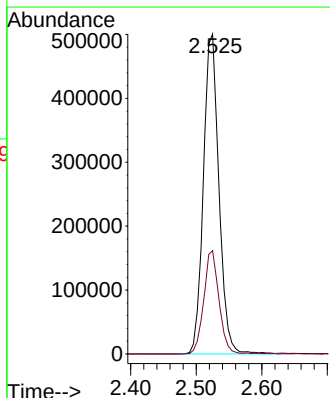
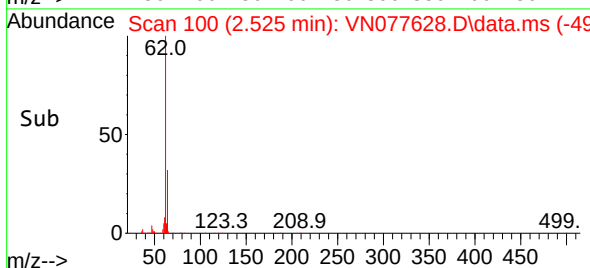
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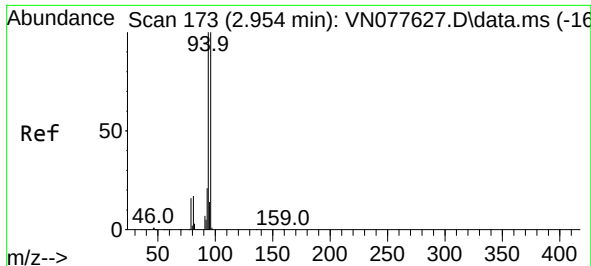


#4
Vinyl Chloride
Concen: 95.290 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



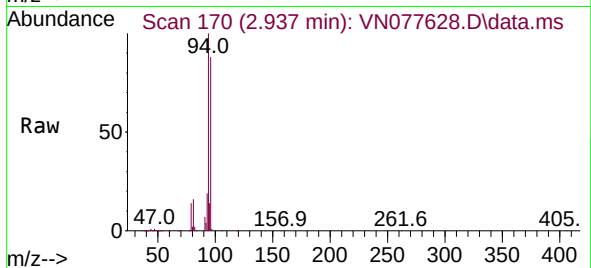
Tgt Ion: 62 Resp: 827455
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 94.511 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.018 min
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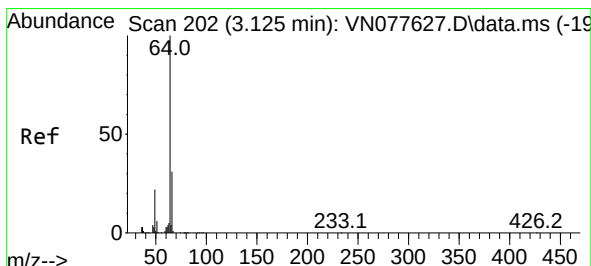
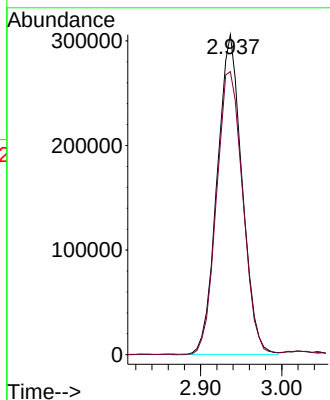
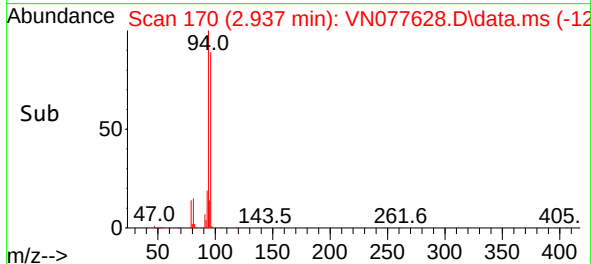
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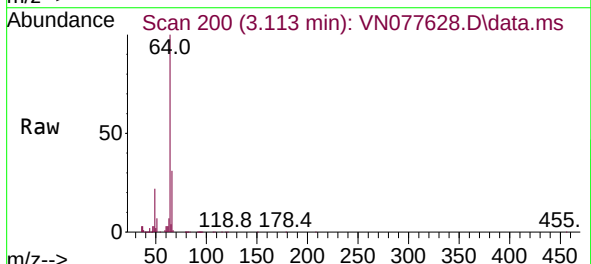
Tgt Ion: 94 Resp: 651589
Ion Ratio Lower Upper
94 100
96 88.5 73.1 109.7

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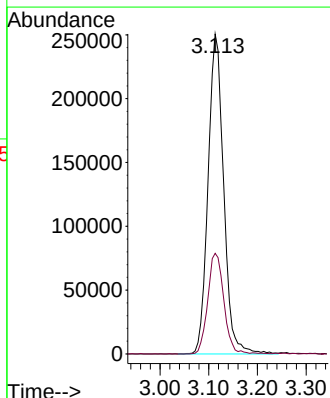
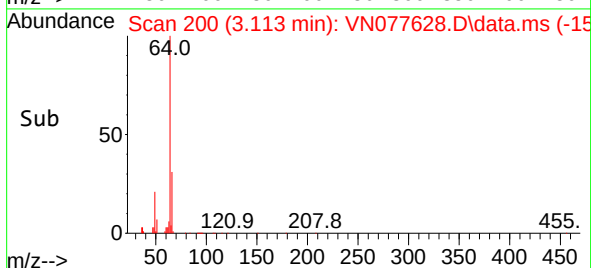
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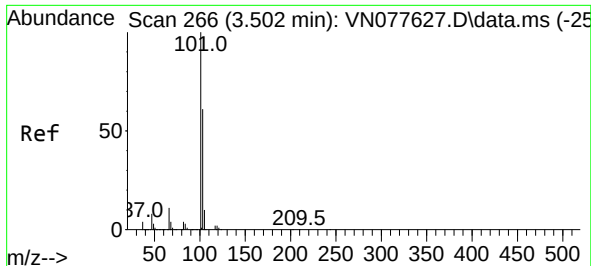


#6
Chloroethane
Concen: 92.322 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN077628.D
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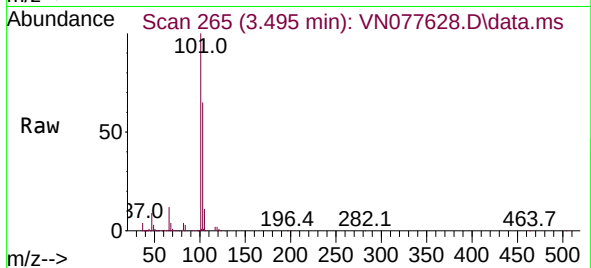
Tgt Ion: 64 Resp: 555896
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 96.289 ug/l
RT: 3.495 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

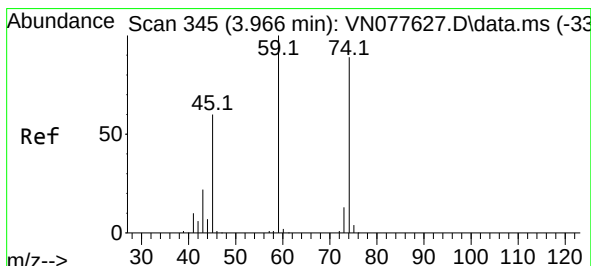
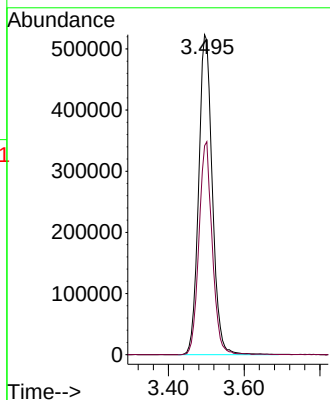
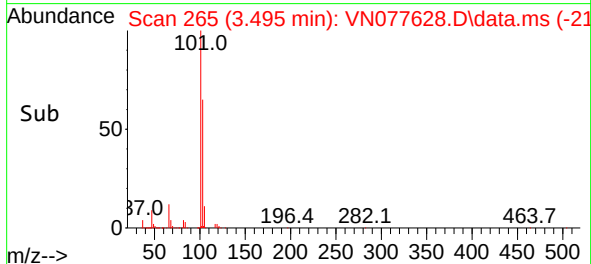
Instrument :
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Tgt Ion:101 Resp: 131063
Ion Ratio Lower Upper
101 100
103 65.3 50.7 76.1

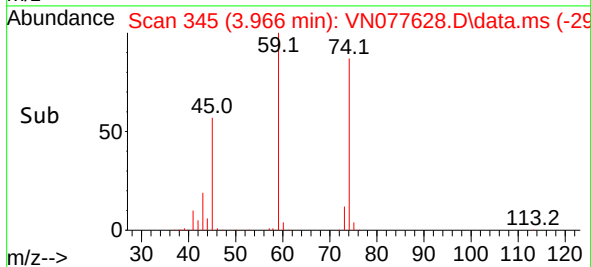
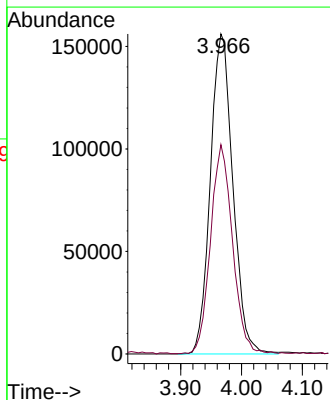
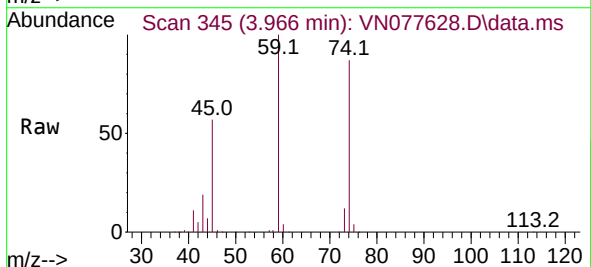
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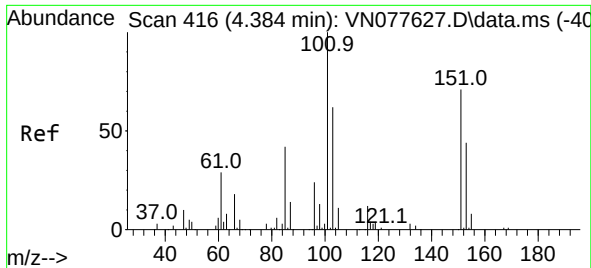
Reviewed By :John Carlone 05/09/2023
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#8
Diethyl Ether
Concen: 100.121 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 400648
Ion Ratio Lower Upper
74 100
45 63.7 34.4 103.3





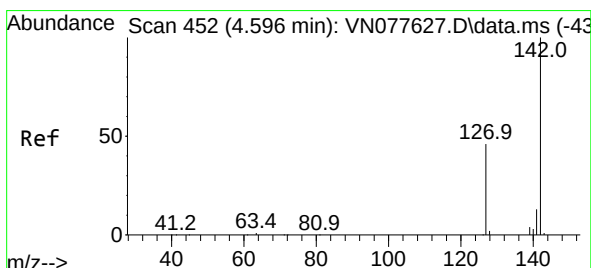
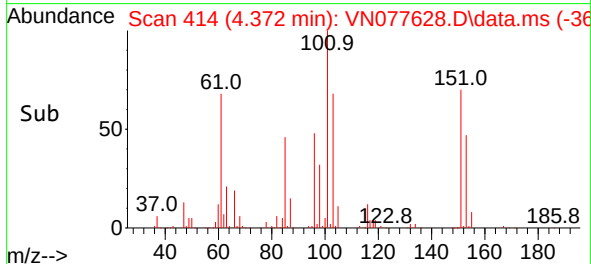
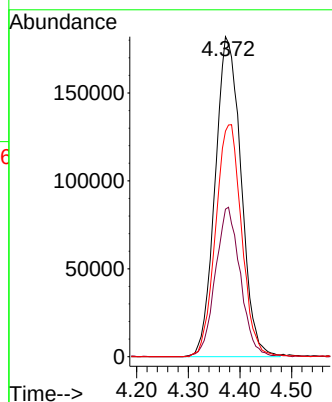
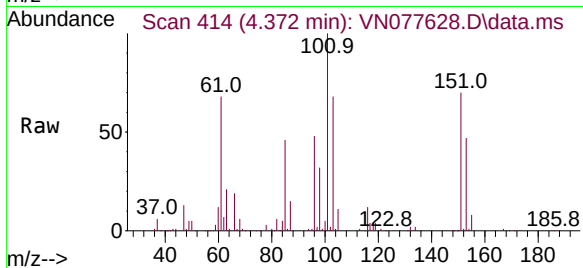
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.251 ug/l
RT: 4.372 min Scan# 416
Delta R.T. -0.012 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 634235
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 72.9 57.6 86.4

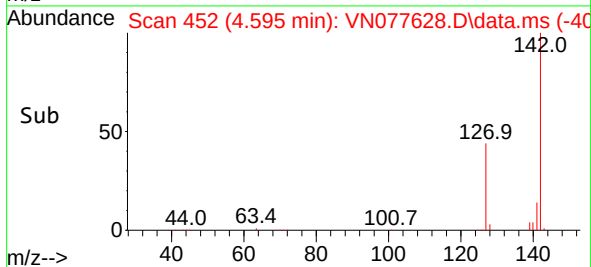
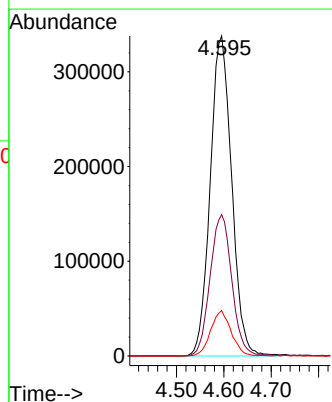
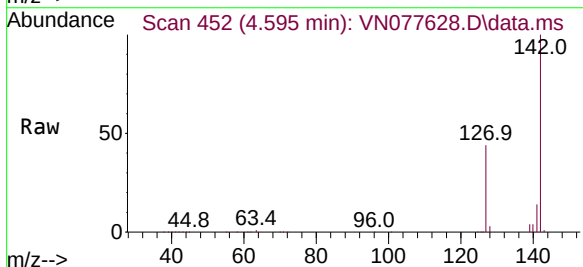
Manual Integrations
APPROVED

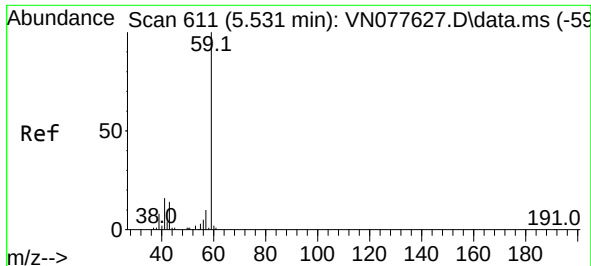
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 105.858 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

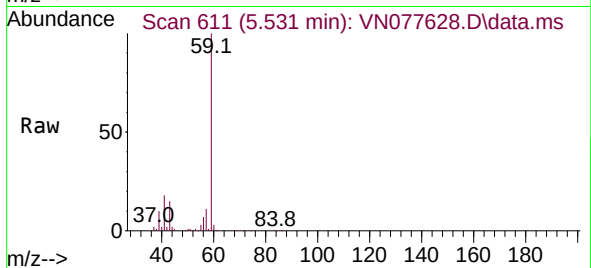
Tgt Ion:142 Resp: 1062906
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 481.614 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

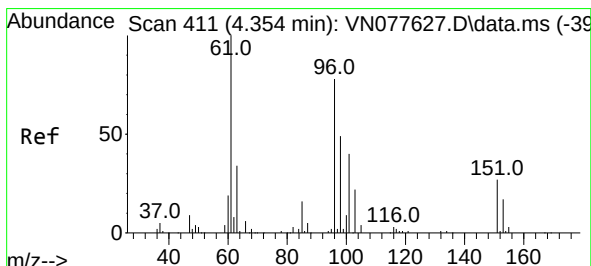
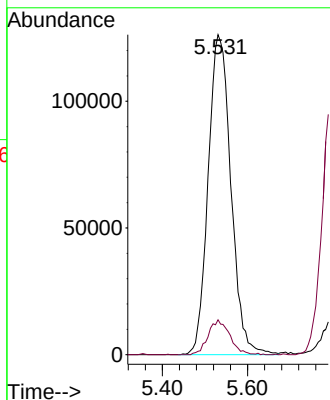
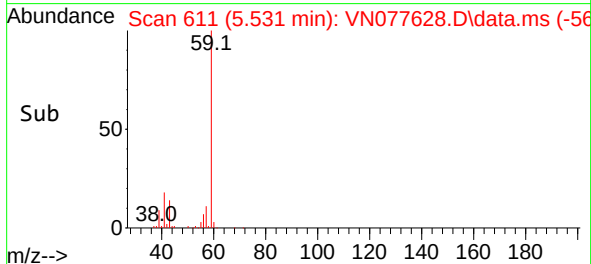
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



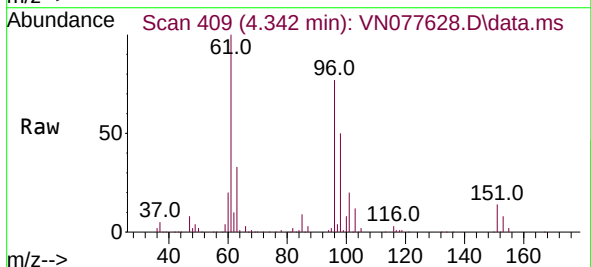
Tgt Ion: 59 Resp: 467900
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

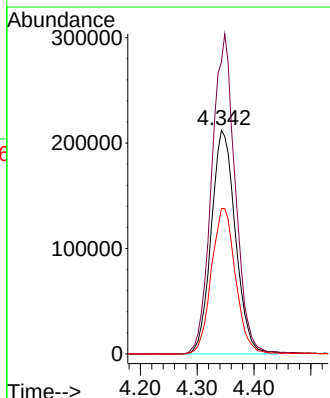
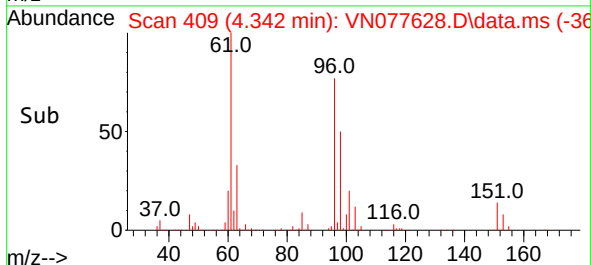
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

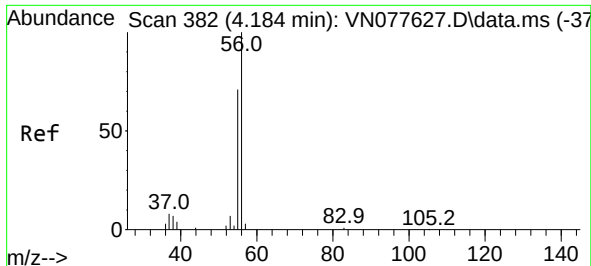


#12
1,1-Dichloroethene
Concen: 97.177 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



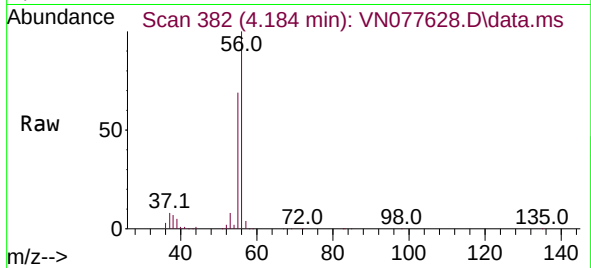
Tgt Ion: 96 Resp: 628036
Ion Ratio Lower Upper
96 100
61 130.4 112.7 169.1
98 65.1 51.2 76.8





#13
Acrolein
Concen: 495.068 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

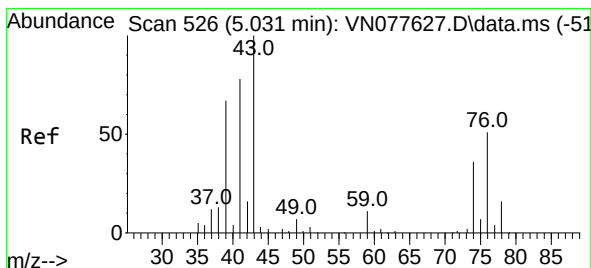
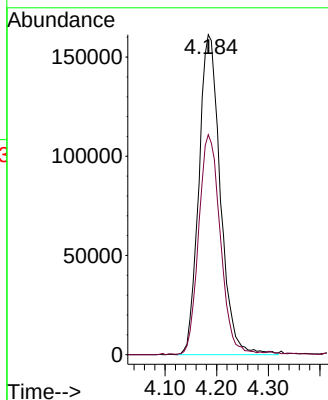
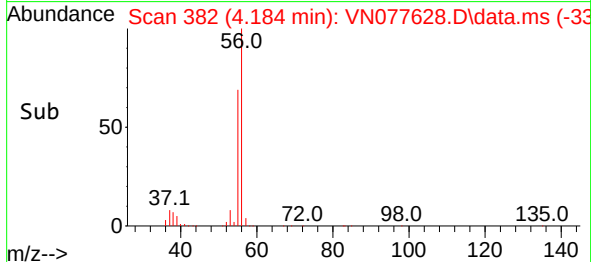
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 46615
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

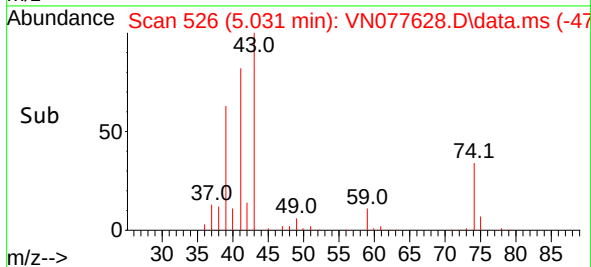
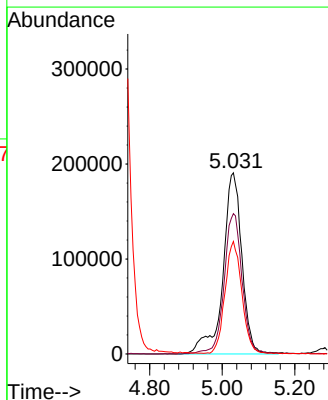
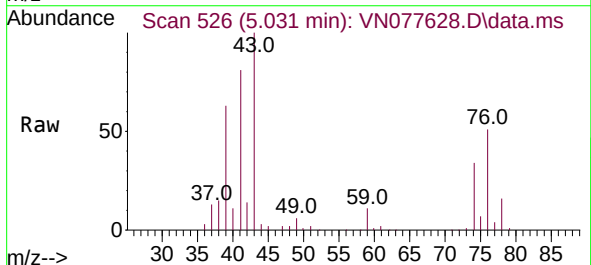
Manual Integrations
APPROVED

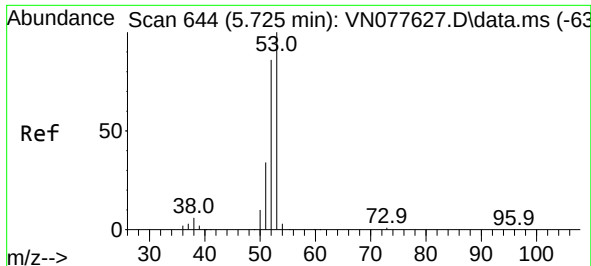
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#14
Allyl chloride
Concen: 107.966 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

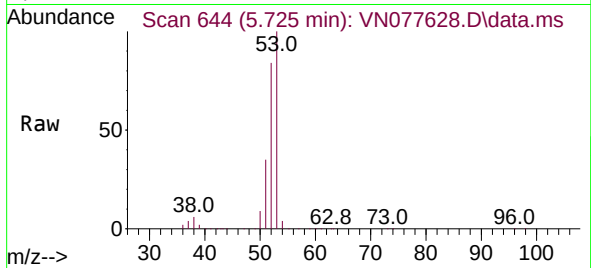
Tgt Ion: 41 Resp: 693018
Ion Ratio Lower Upper
41 100
39 73.7 58.8 88.2
76 54.6 39.1 58.7





#15
Acrylonitrile
Concen: 508.756 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

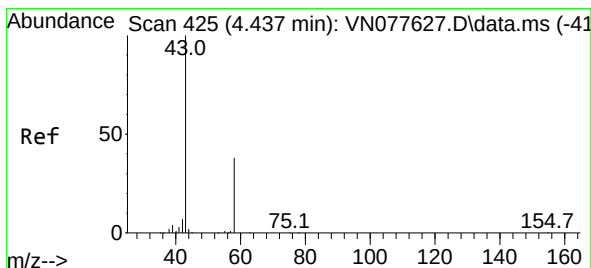
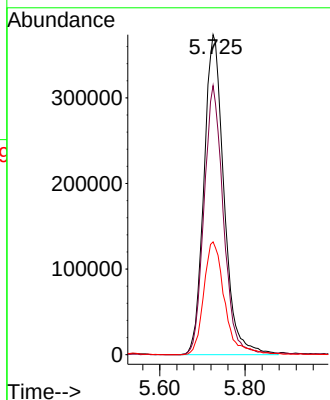
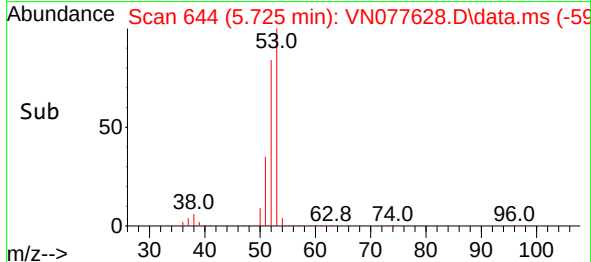
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 122255
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.8 28.9 43.3

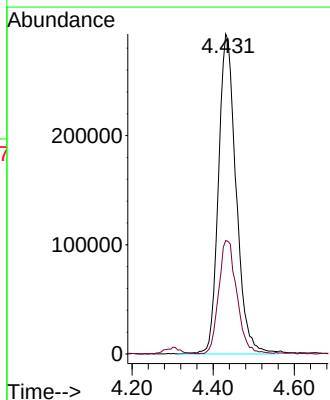
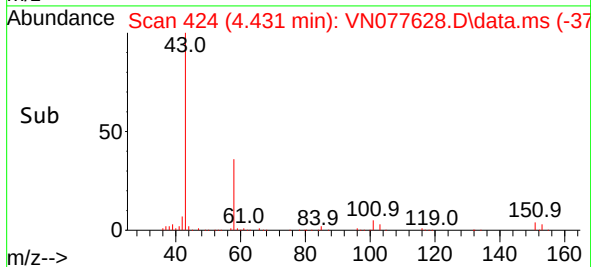
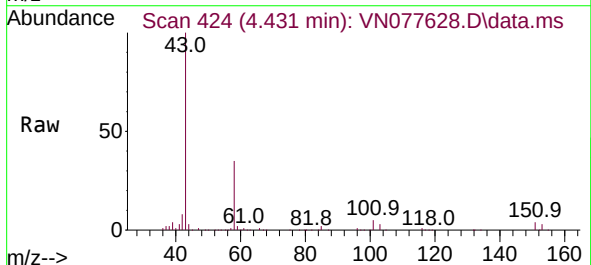
Manual Integrations
APPROVED

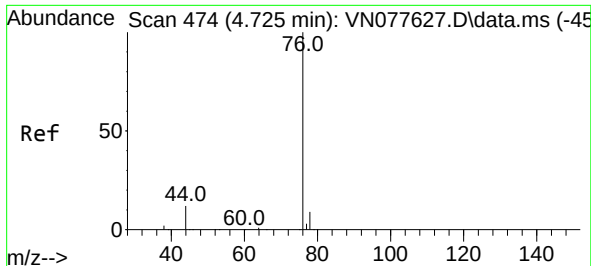
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#16
Acetone
Concen: 450.432 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion: 43 Resp: 886000
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





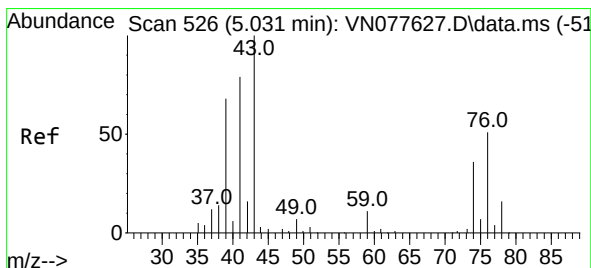
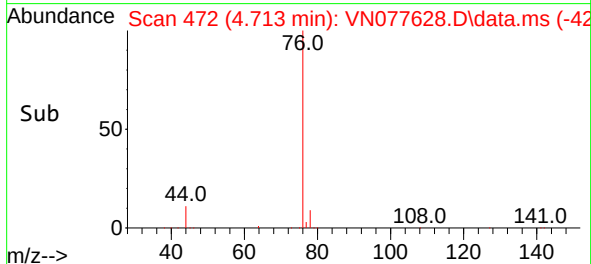
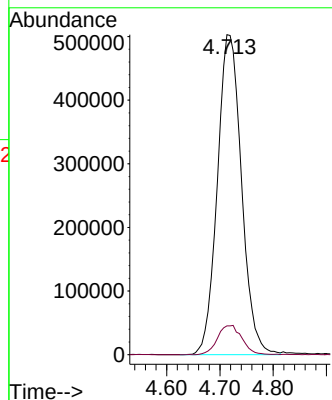
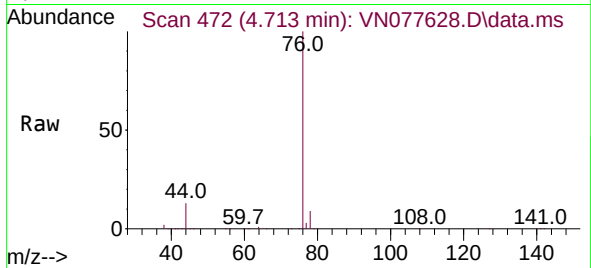
#17
Carbon Disulfide
Concen: 102.100 ug/l
RT: 4.713 min Scan# 474
Delta R.T. -0.012 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 1586749
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

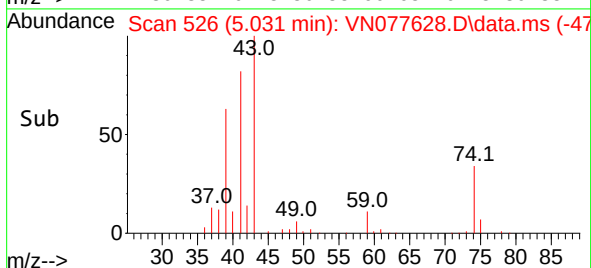
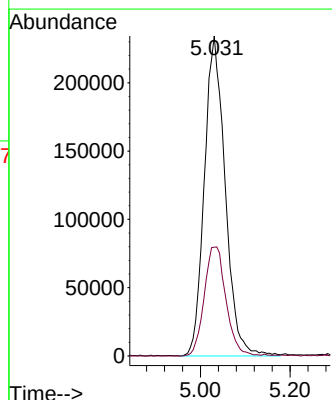
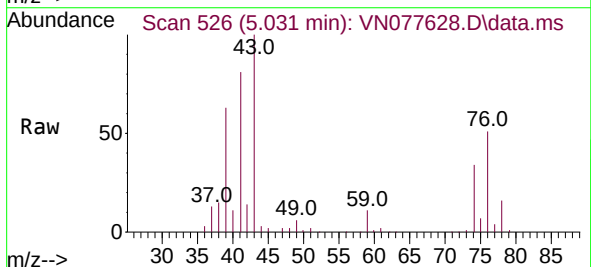
Manual Integrations
APPROVED

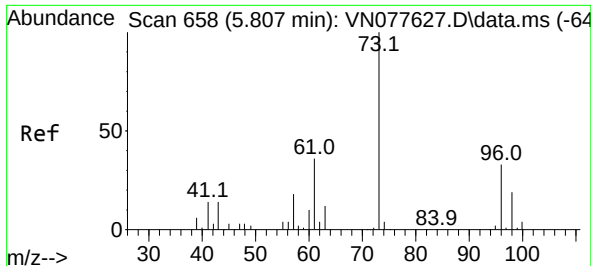
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#18
Methyl Acetate
Concen: 97.070 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion: 43 Resp: 754633
Ion Ratio Lower Upper
43 100
74 35.6 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 103.740 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 220613

Ion Ratio Lower Upper

73 100

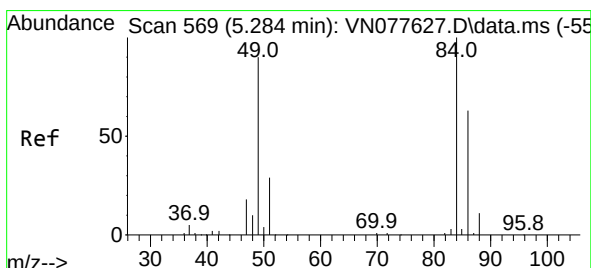
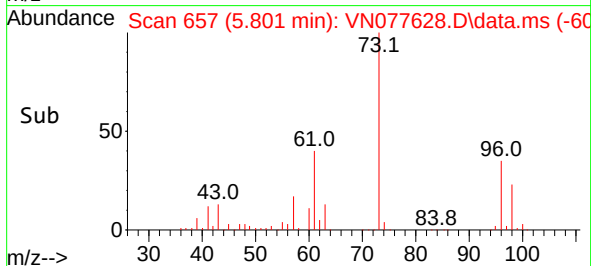
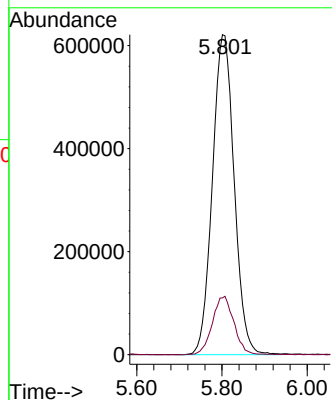
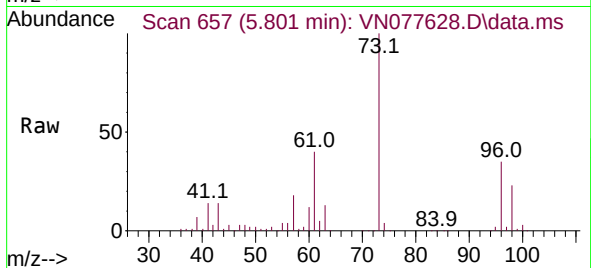
57 17.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#20

Methylene Chloride

Concen: 89.360 ug/l

RT: 5.278 min Scan# 568

Delta R.T. -0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Tgt Ion: 84 Resp: 726260

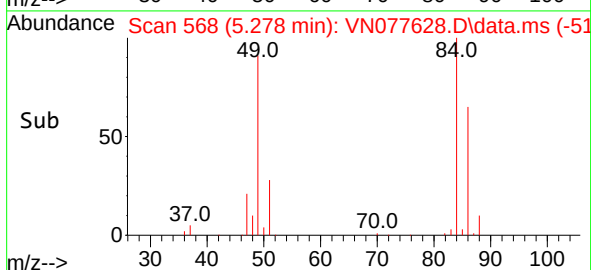
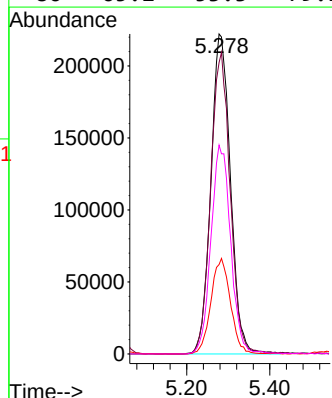
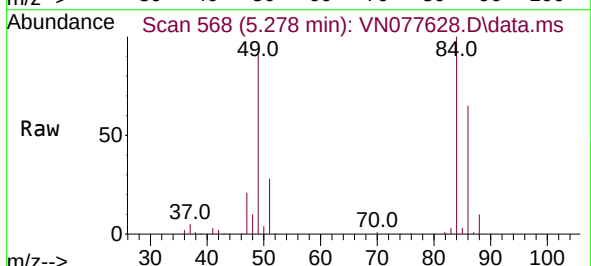
Ion Ratio Lower Upper

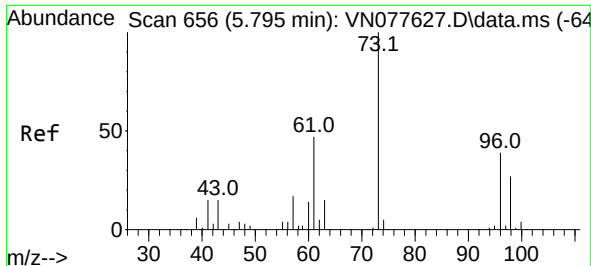
84 100

49 91.0 79.7 119.5

51 28.0 25.2 37.8

86 65.2 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 102.197 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 74707

Ion Ratio Lower Upper

96 100

61 111.8 90.1 135.1

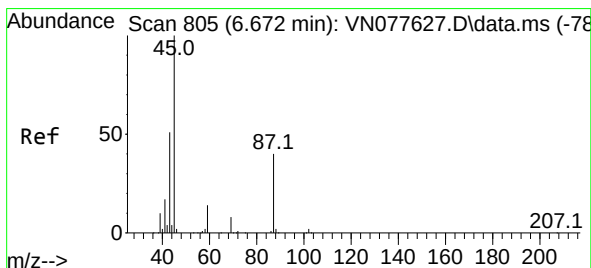
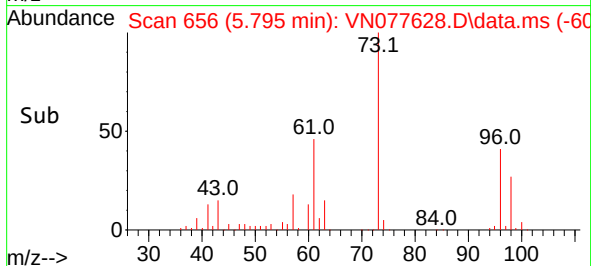
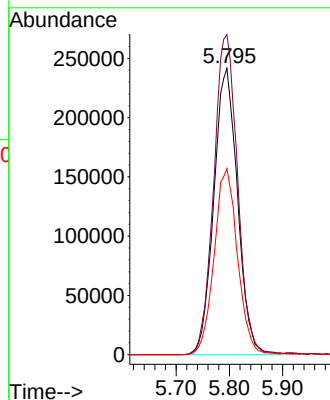
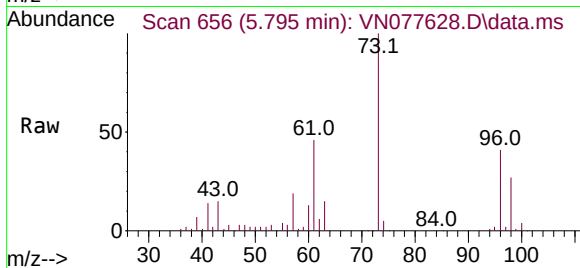
98 65.0 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#22

Diisopropyl ether

Concen: 100.447 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Tgt Ion: 45 Resp: 1591701

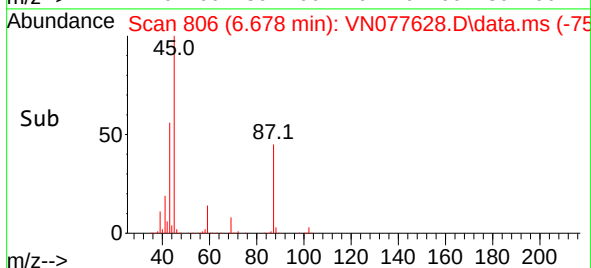
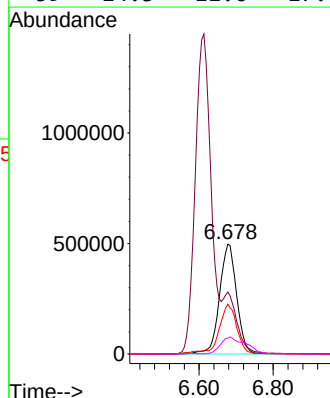
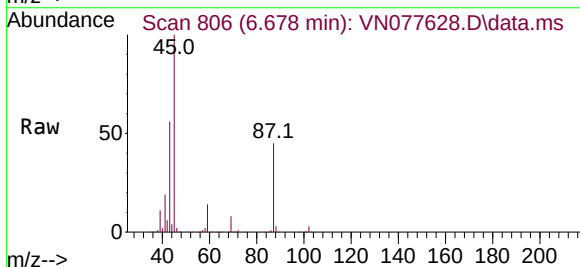
Ion Ratio Lower Upper

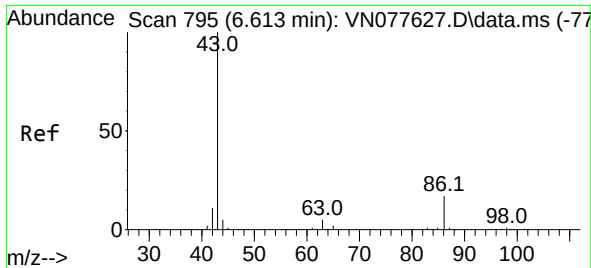
45 100

43 55.8 45.5 68.3

87 45.2 31.8 47.8

59 14.3 11.6 17.4





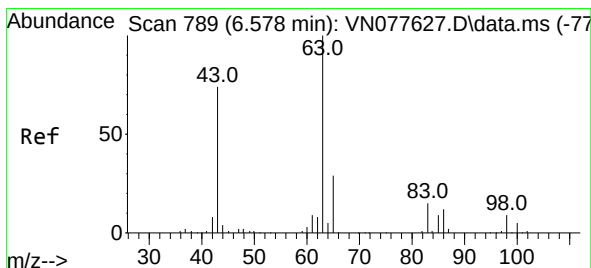
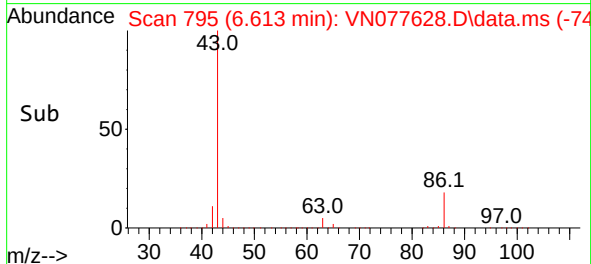
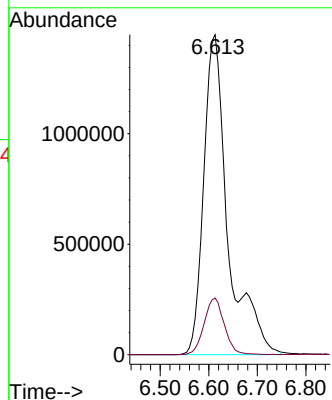
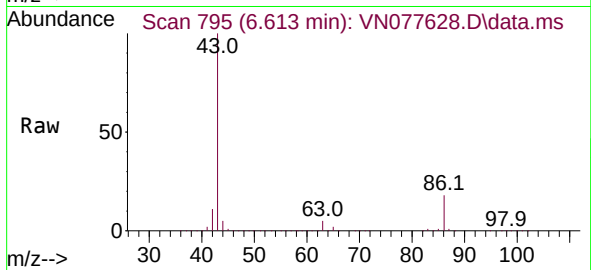
#23
 Vinyl Acetate
 Concen: 555.921 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077628.D
 Acq: 09 May 2023 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 5026878
 Ion Ratio Lower Upper
 43 100
 86 17.7 13.0 19.6

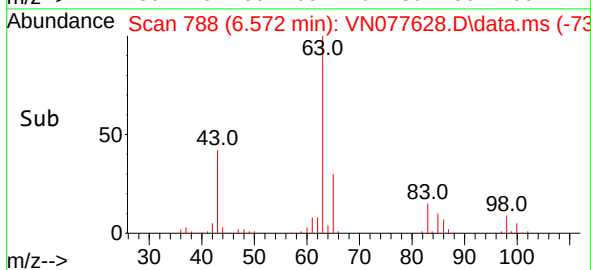
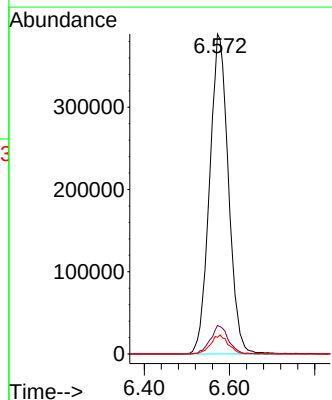
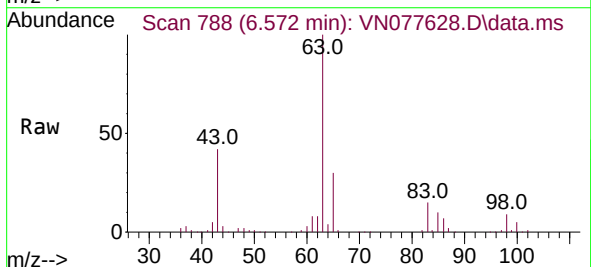
Manual Integrations
 APPROVED

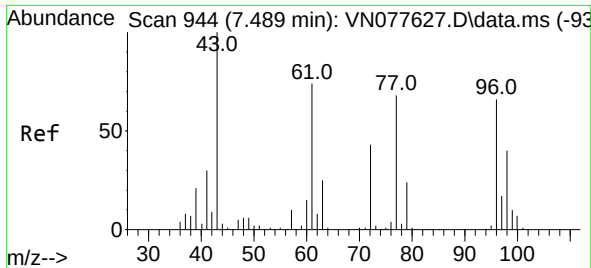
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#24
 1,1-Dichloroethane
 Concen: 99.415 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077628.D
 Acq: 09 May 2023 12:58

Tgt Ion: 63 Resp: 1194212
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 5.2 2.5 7.4





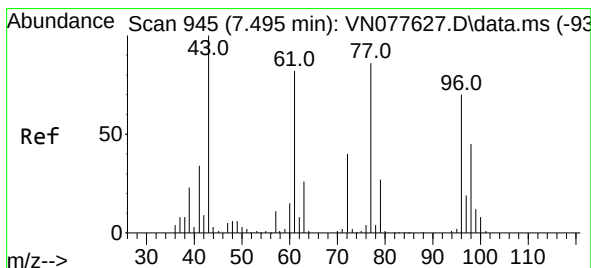
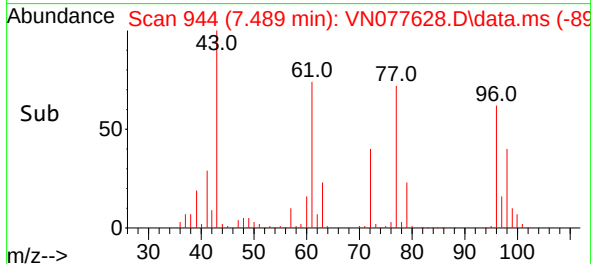
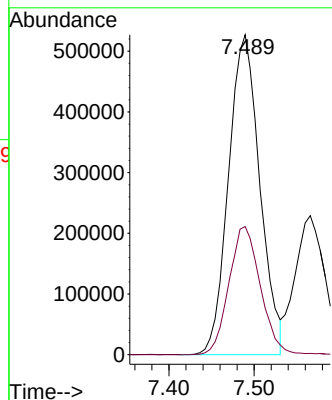
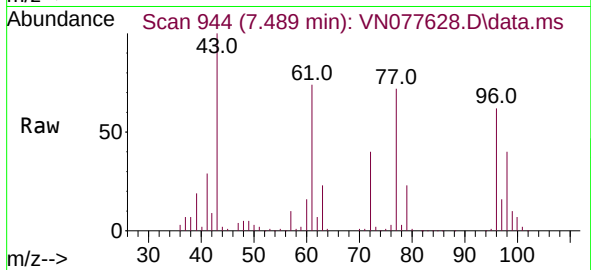
#25
2-Butanone
Concen: 469.434 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1345634
Ion Ratio Lower Upper
43 100
72 40.0 30.2 45.2

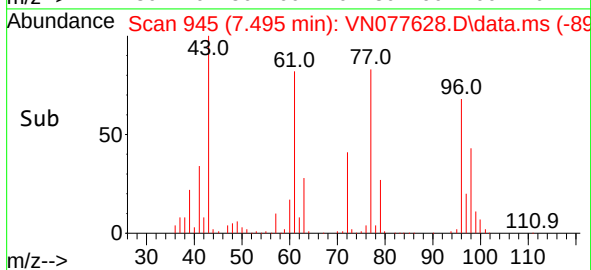
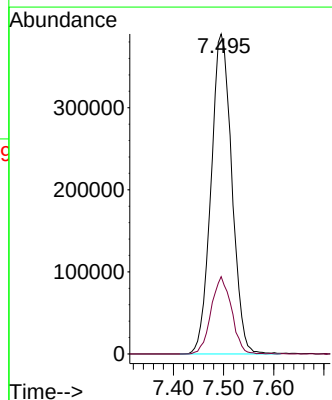
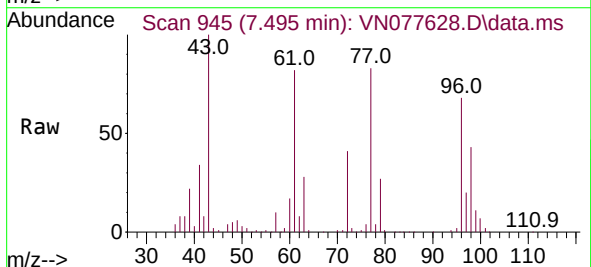
Manual Integrations
APPROVED

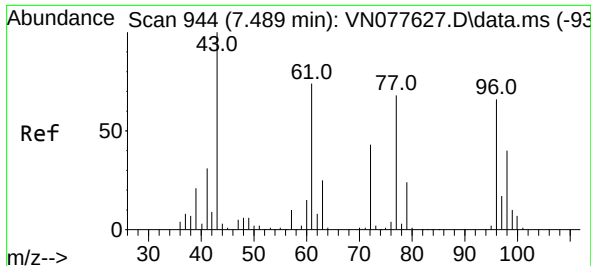
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#26
2,2-Dichloropropane
Concen: 103.078 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

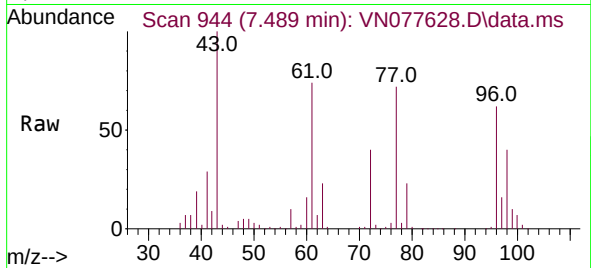
Tgt Ion: 77 Resp: 1122156
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 98.334 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

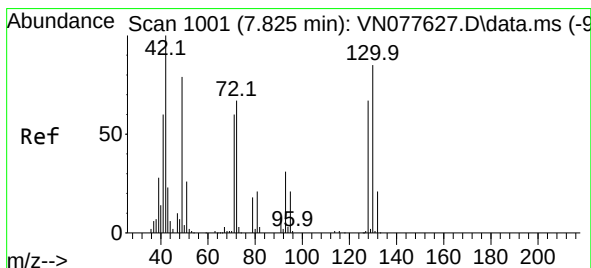
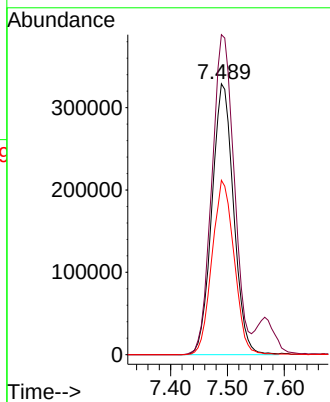
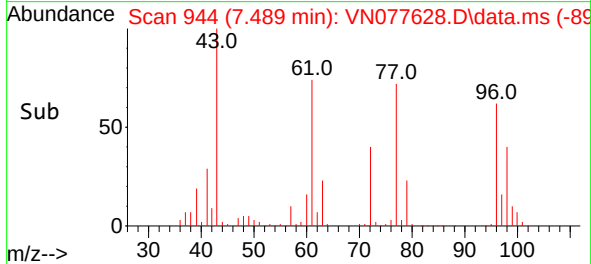
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 87441
Ion Ratio Lower Upper
96 100
61 121.3 0.0 255.2
98 65.5 0.0 128.8

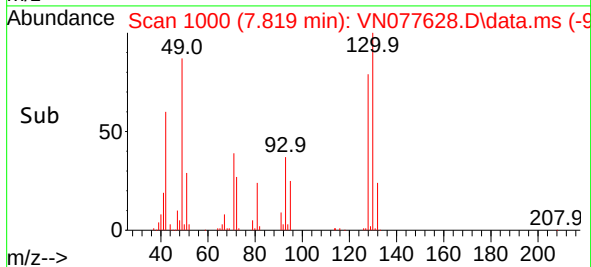
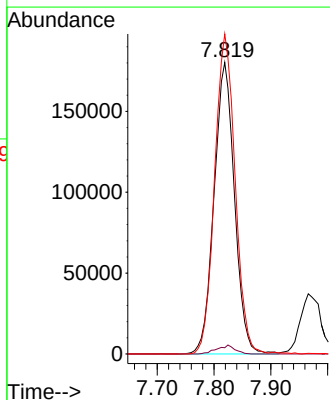
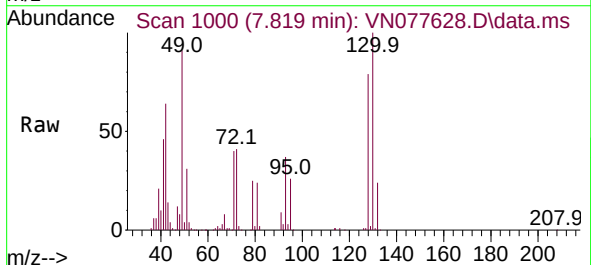
Manual Integrations
APPROVED

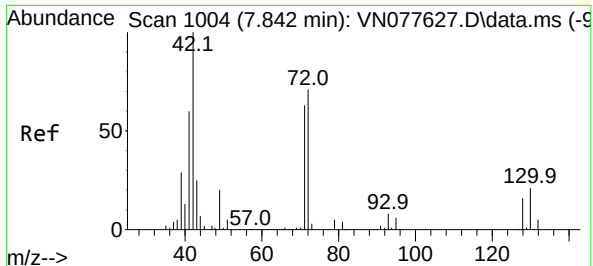
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#28
Bromochloromethane
Concen: 102.983 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion: 49 Resp: 451380
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 109.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 505.971 ug/l

RT: 7.836 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 89092

Ion Ratio Lower Upper

42 100

72 69.2 49.8 74.6

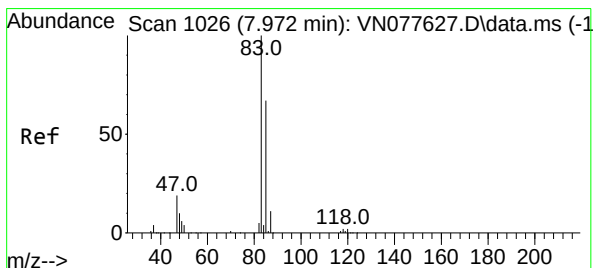
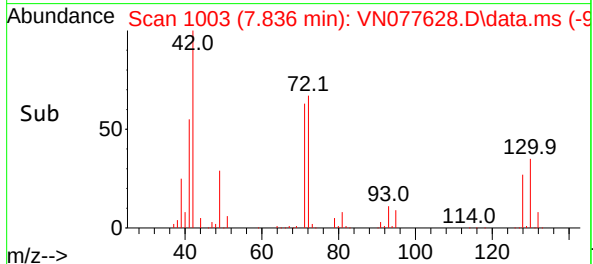
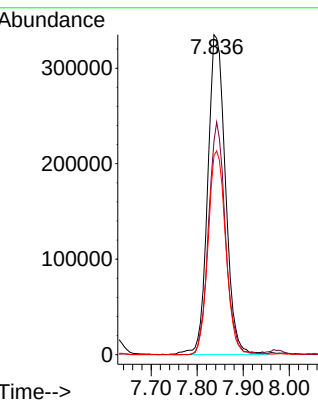
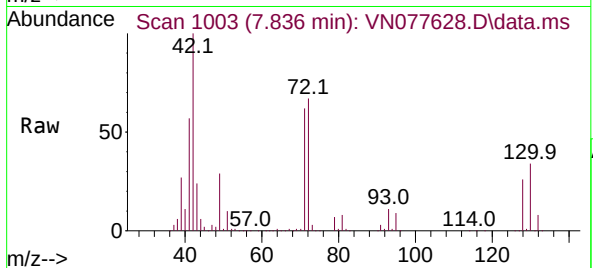
71 64.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#30

Chloroform

Concen: 101.204 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077628.D

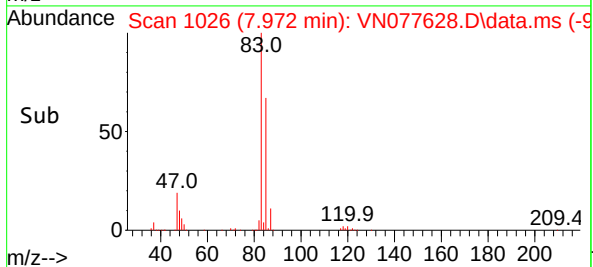
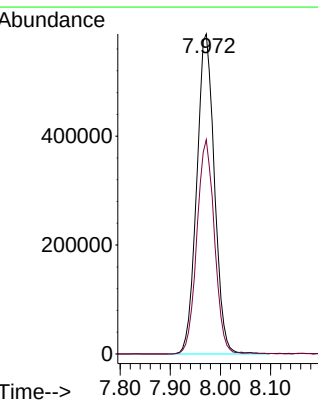
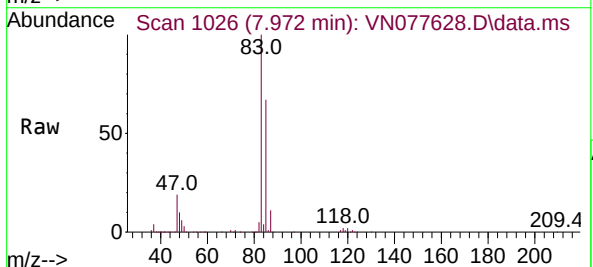
Acq: 09 May 2023 12:58

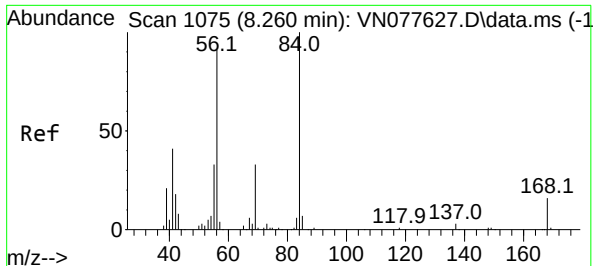
Tgt Ion: 83 Resp: 1440769

Ion Ratio Lower Upper

83 100

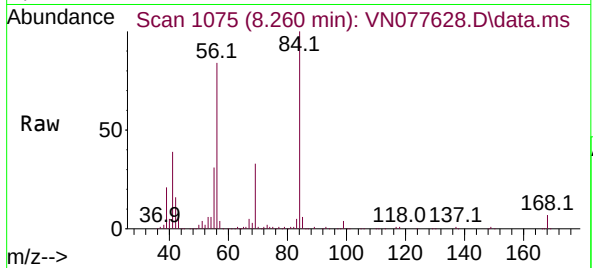
85 67.0 55.4 83.0





#31
Cyclohexane
Concen: 89.040 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

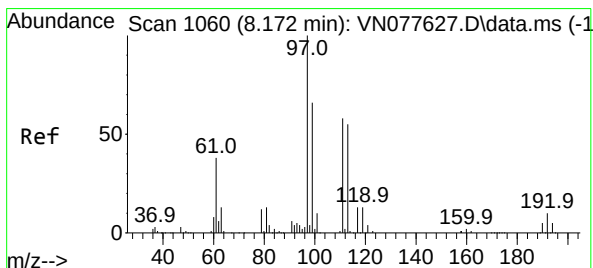
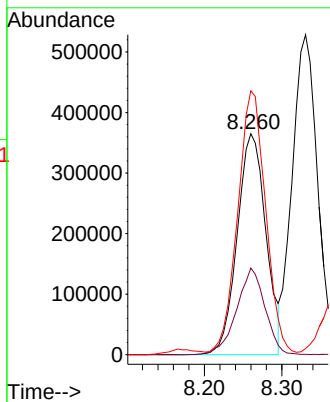
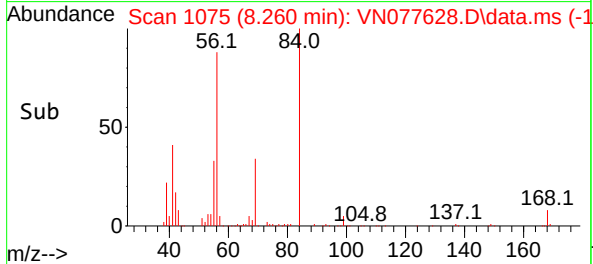
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 939764
Ion Ratio Lower Upper
56 100
69 39.2 26.8 40.2
84 116.9 81.8 122.6

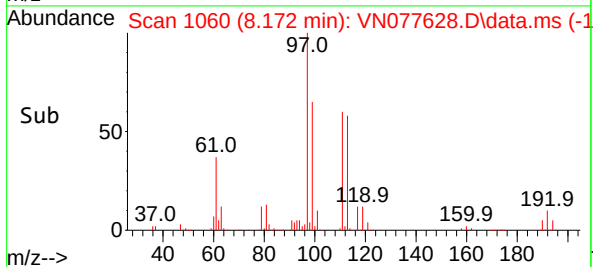
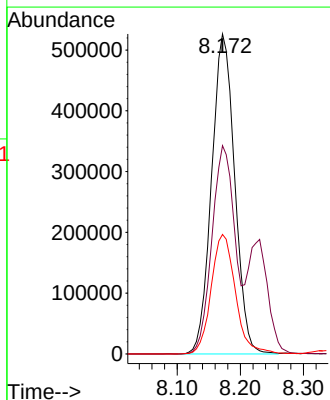
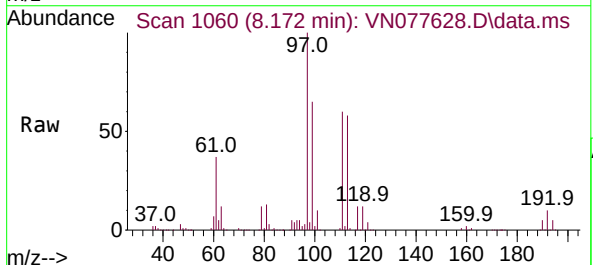
Manual Integrations
APPROVED

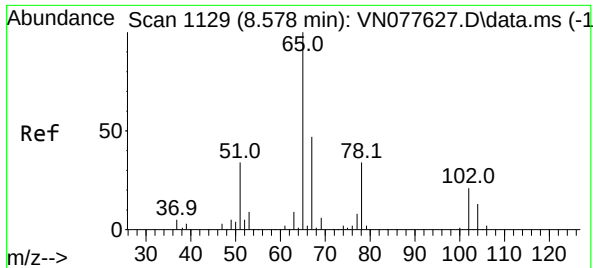
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#32
1,1,1-Trichloroethane
Concen: 101.978 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion: 97 Resp: 1336728
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 39.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 101.160 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 835449

Ion Ratio Lower Upper

65 100

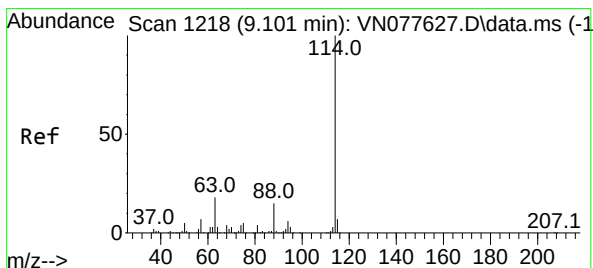
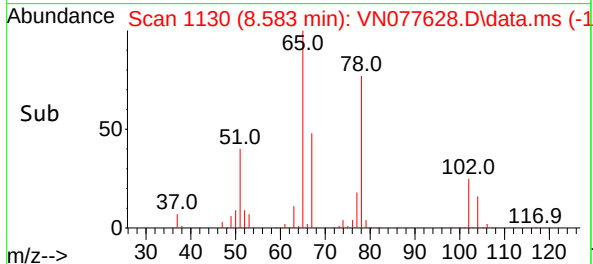
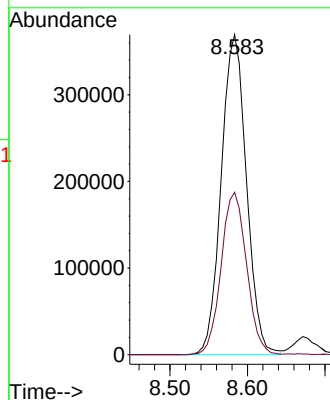
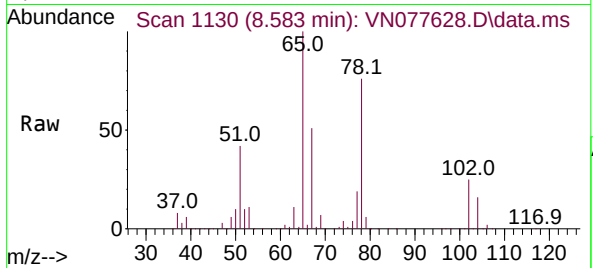
67 51.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

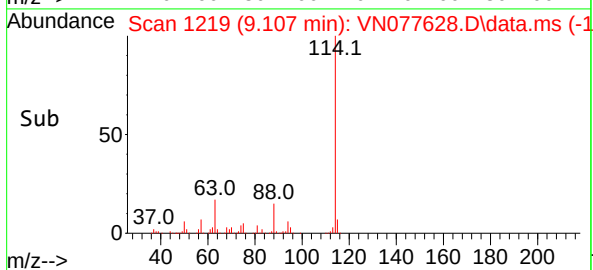
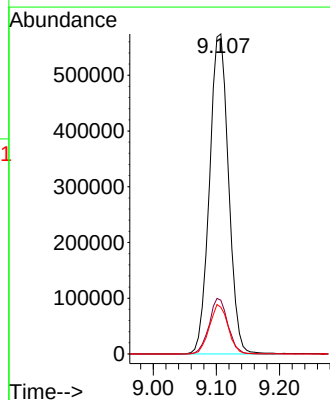
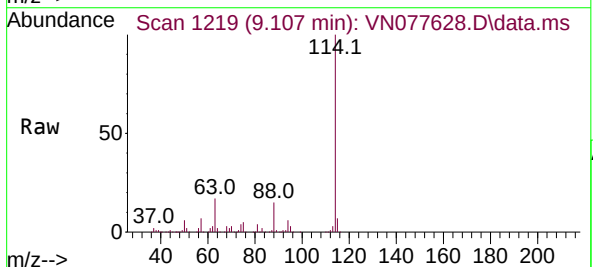
Tgt Ion:114 Resp: 1201051

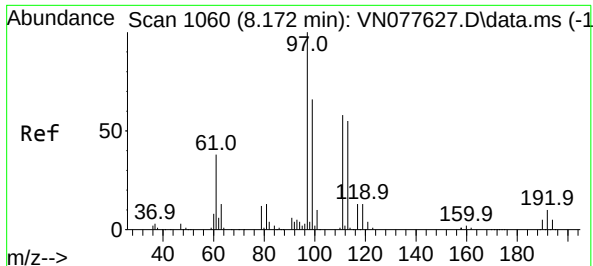
Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 100.477 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 113 Resp: 752638

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

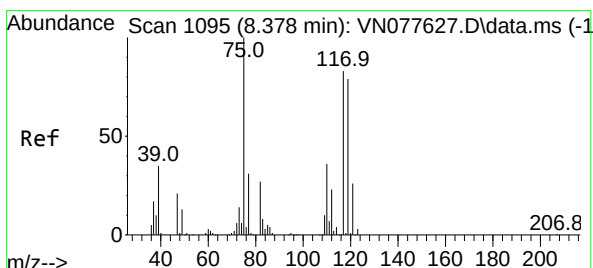
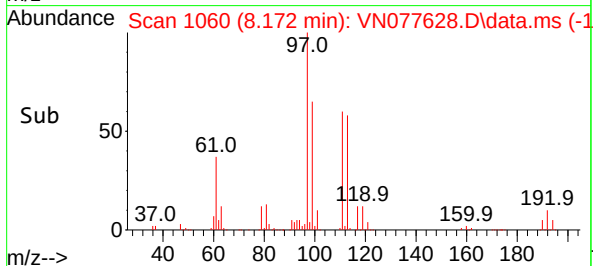
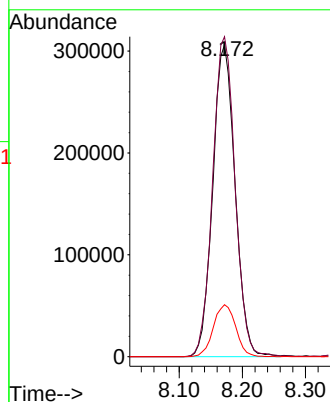
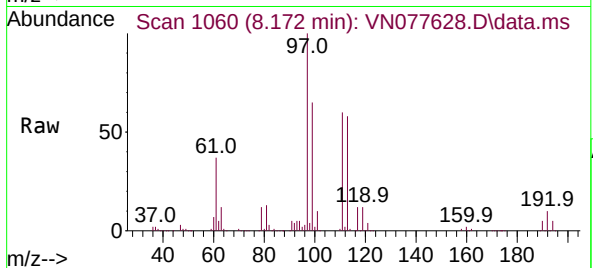
192 16.7 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#36

1,1-Dichloropropene

Concen: 98.600 ug/l

RT: 8.377 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

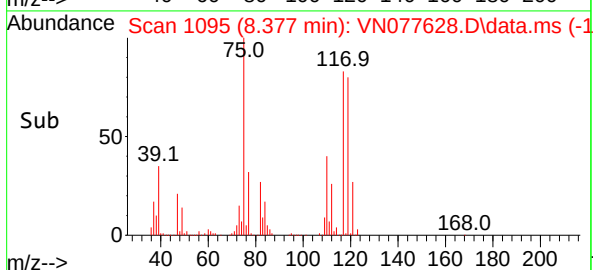
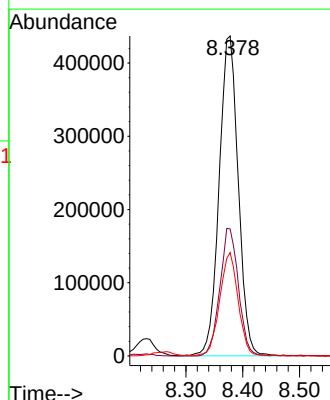
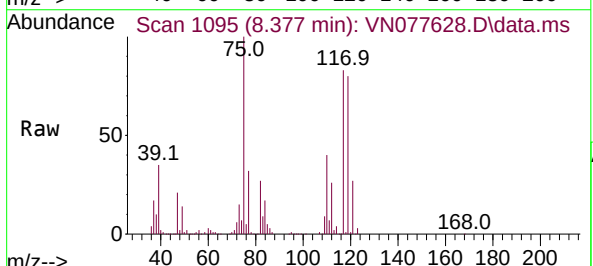
Tgt Ion: 75 Resp: 1019266

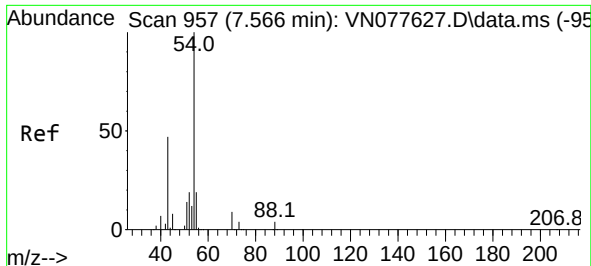
Ion Ratio Lower Upper

75 100

110 38.9 19.1 57.3

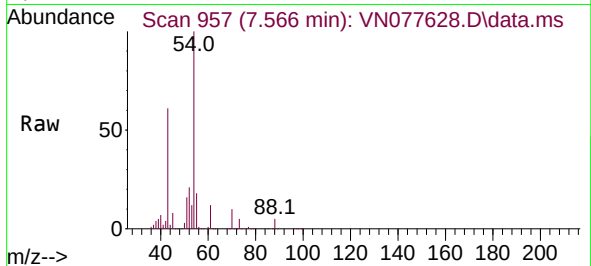
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 97.323 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

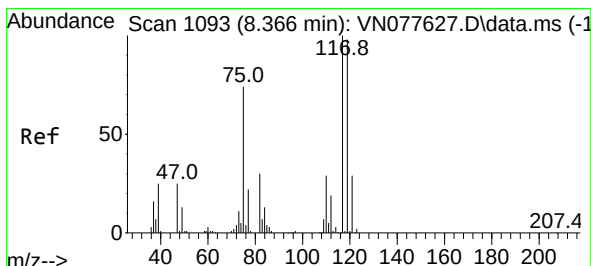
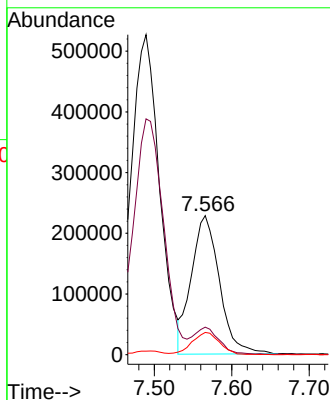
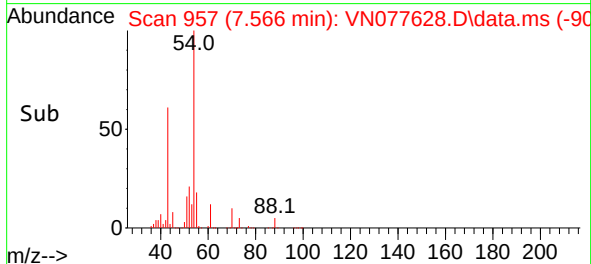
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 575259
Ion Ratio Lower Upper
43 100
61 17.3 13.2 19.8
70 15.9 11.3 16.9

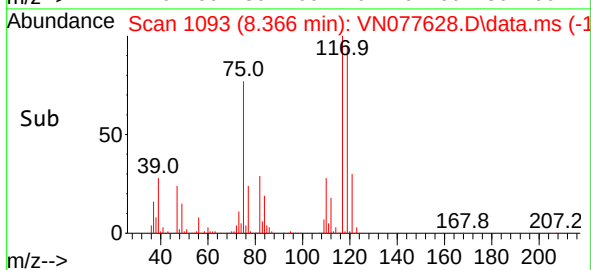
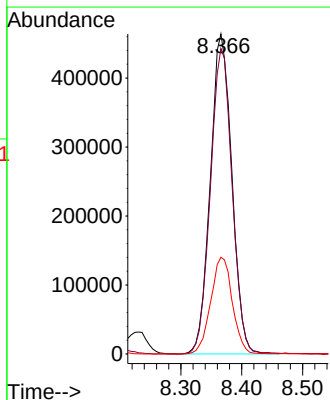
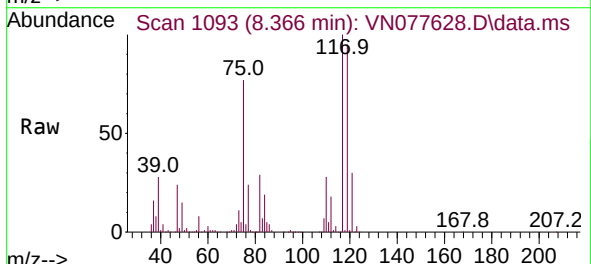
Manual Integrations
APPROVED

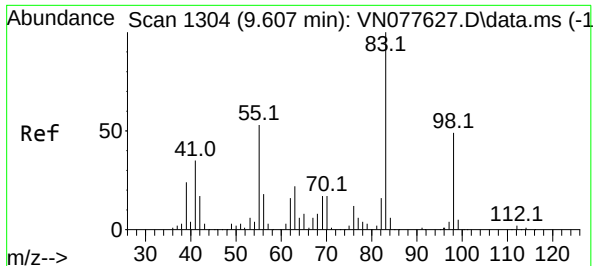
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#38
Carbon Tetrachloride
Concen: 101.039 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion:117 Resp: 1141054
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 100.773 ug/l

RT: 9.601 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 1293174

Ion Ratio Lower Upper

83 100

55 57.5 49.1 73.7

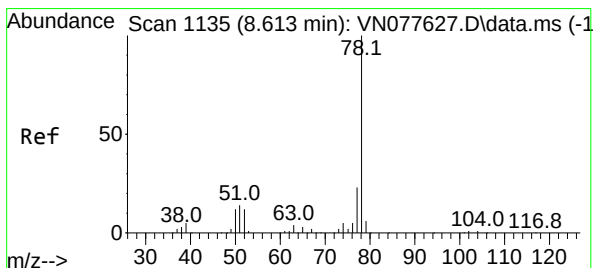
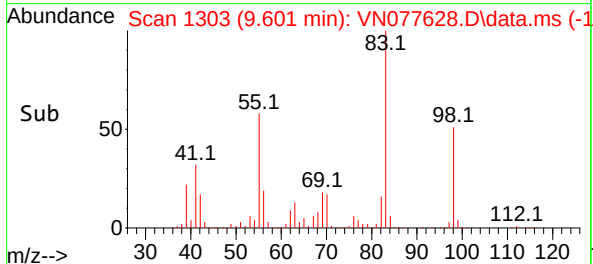
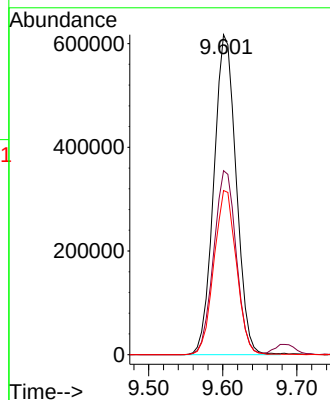
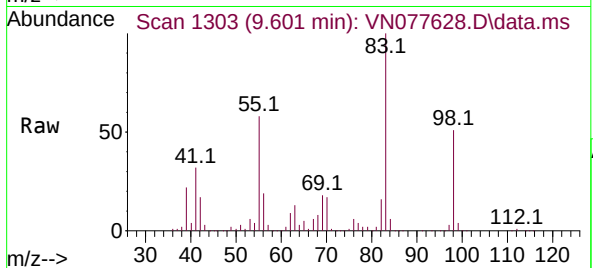
98 51.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#40

Benzene

Concen: 98.134 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077628.D

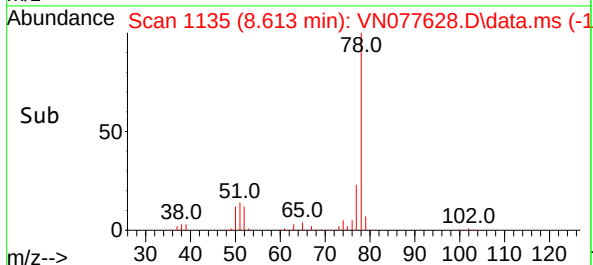
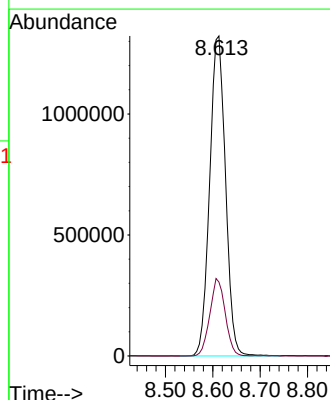
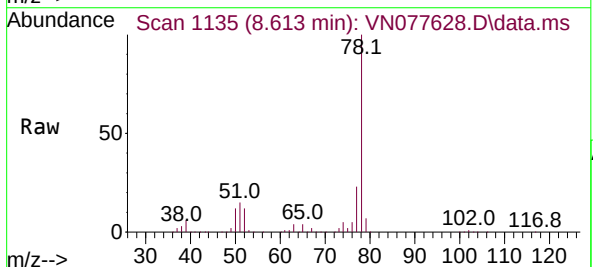
Acq: 09 May 2023 12:58

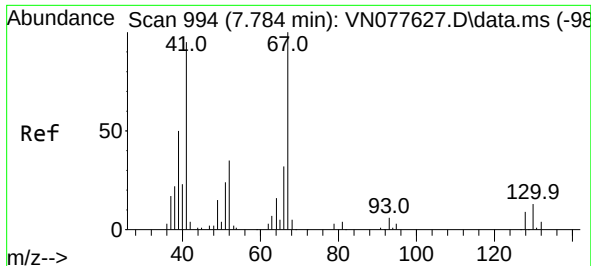
Tgt Ion: 78 Resp: 3068911

Ion Ratio Lower Upper

78 100

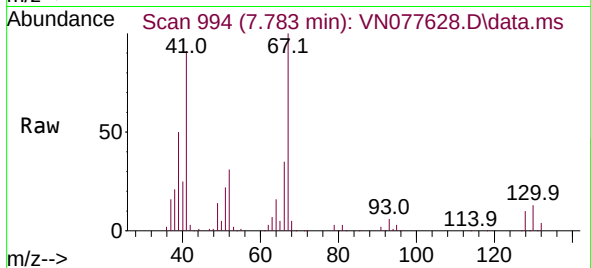
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 102.398 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

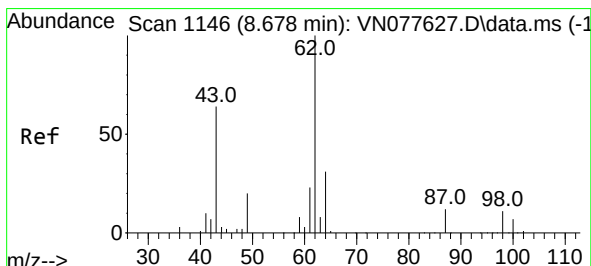
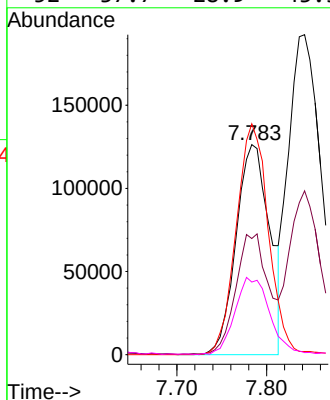
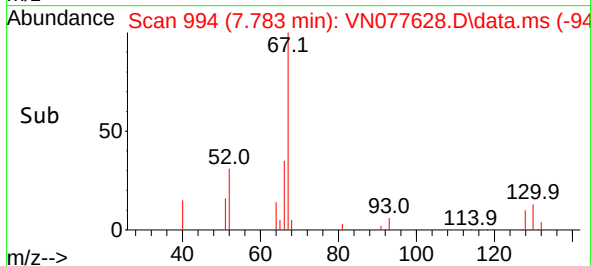
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



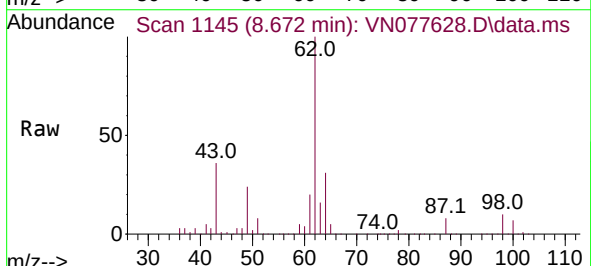
Tgt Ion: 41 Resp: 33069
Ion Ratio Lower Upper
41 100
39 55.9 42.6 64.0
67 105.1 77.5 116.3
52 37.7 28.9 43.3

Manual Integrations
APPROVED

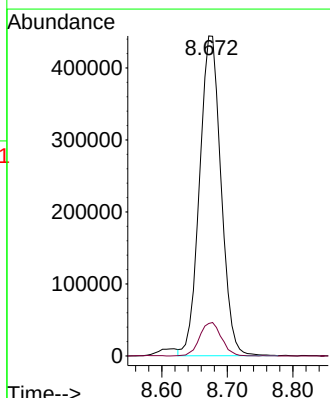
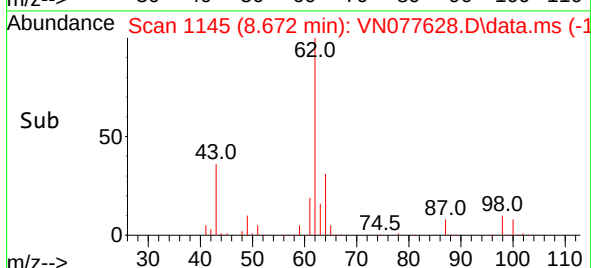
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

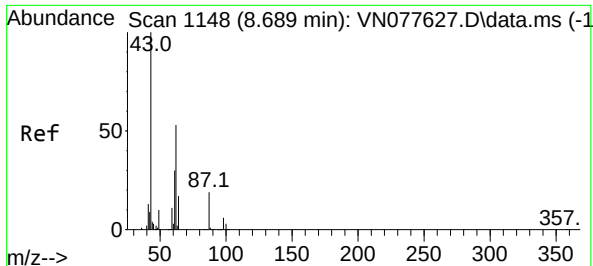


#42
1,2-Dichloroethane
Concen: 96.653 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



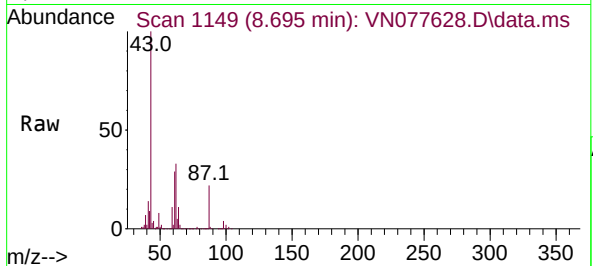
Tgt Ion: 62 Resp: 1013570
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 102.107 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

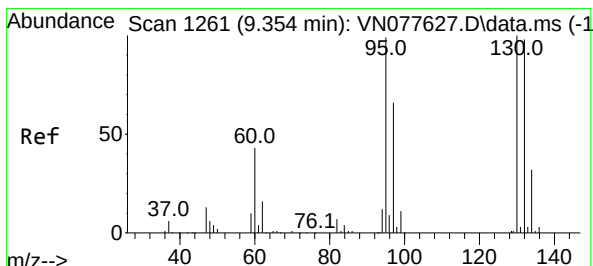
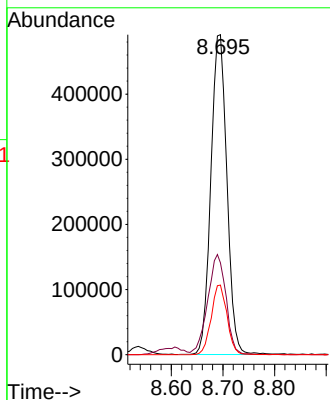
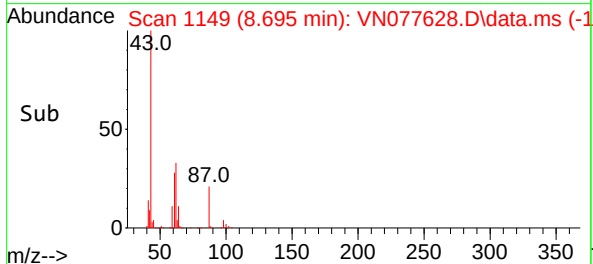
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 105818
Ion Ratio Lower Upper
43 100
61 35.6 24.7 37.1
87 21.5 14.6 21.8

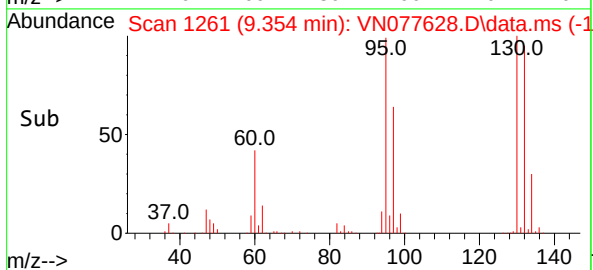
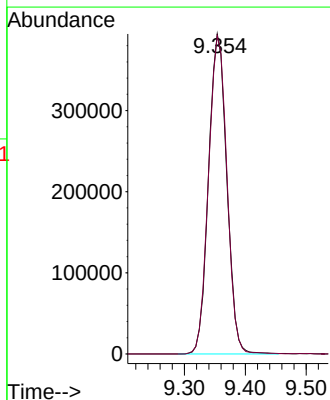
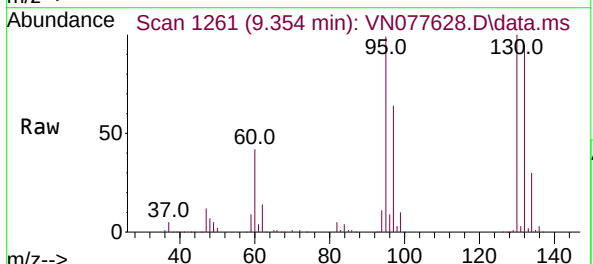
Manual Integrations
APPROVED

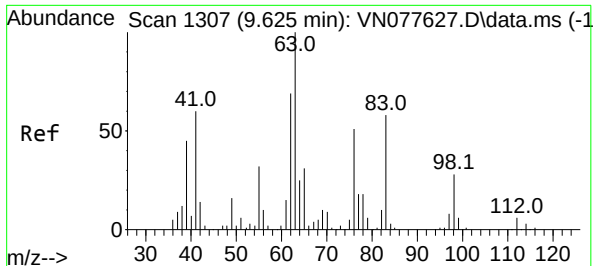
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#44
Trichloroethene
Concen: 99.888 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion:130 Resp: 820569
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 95.074 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 68364

Ion Ratio Lower Upper

63 100

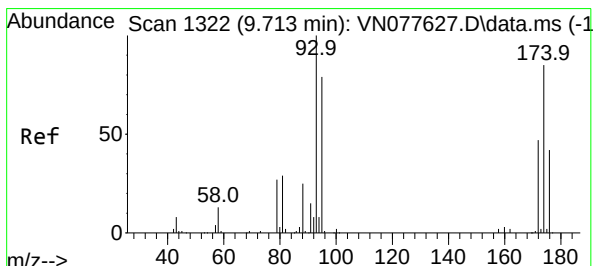
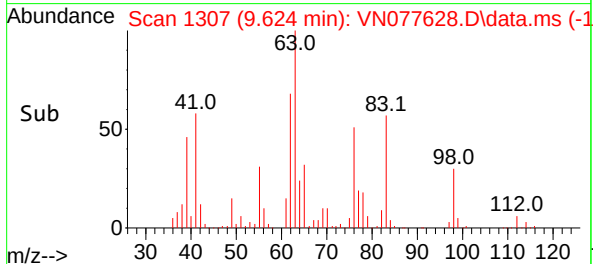
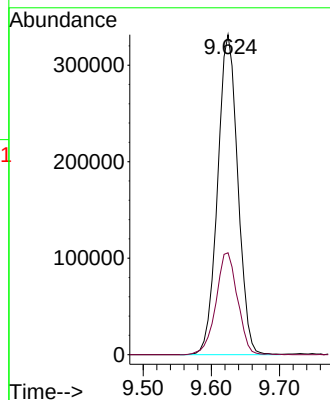
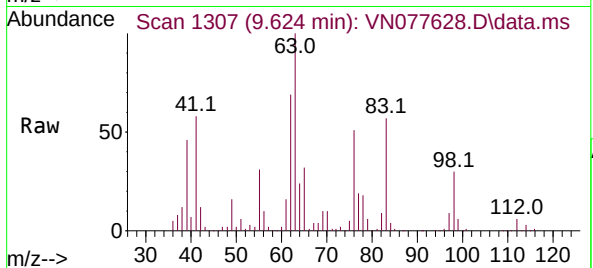
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#46

Dibromomethane

Concen: 100.999 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

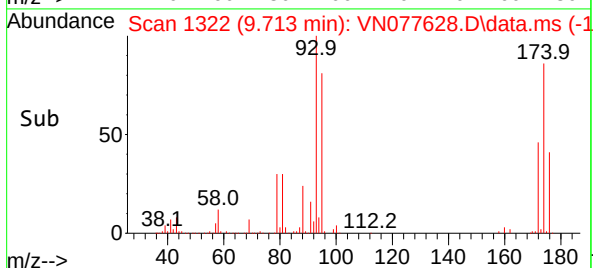
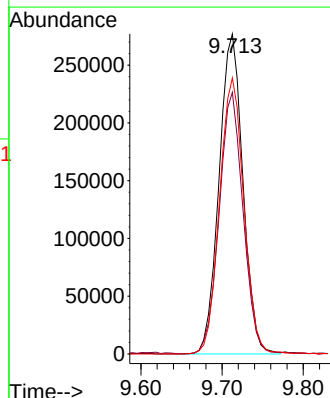
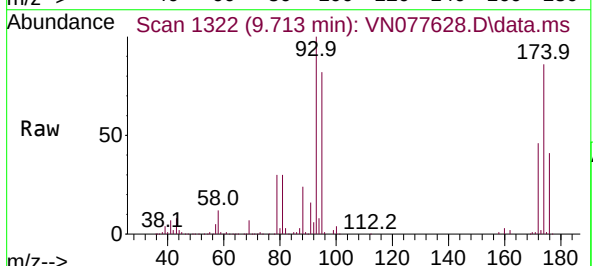
Tgt Ion: 93 Resp: 564931

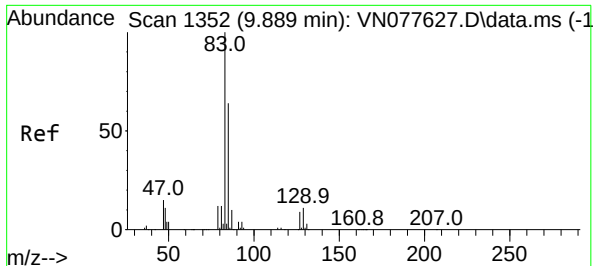
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

174 87.8 65.6 98.4





#47

Bromodichloromethane

Concen: 105.942 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 1157418

Ion Ratio Lower Upper

83 100

85 66.0 49.6 74.4

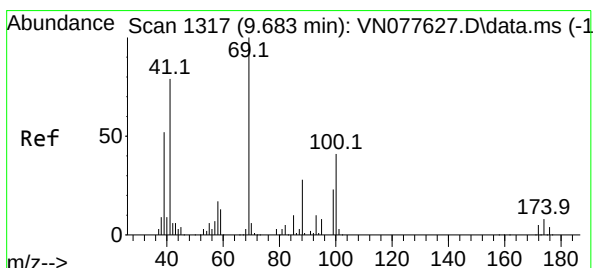
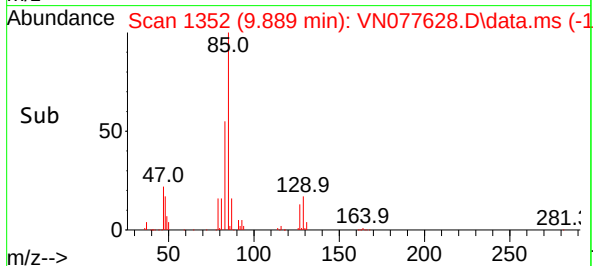
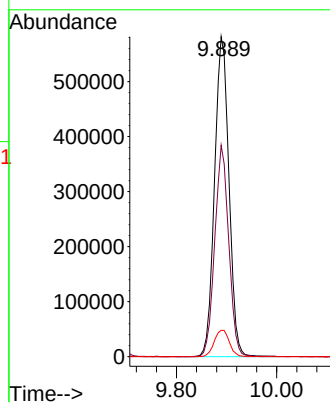
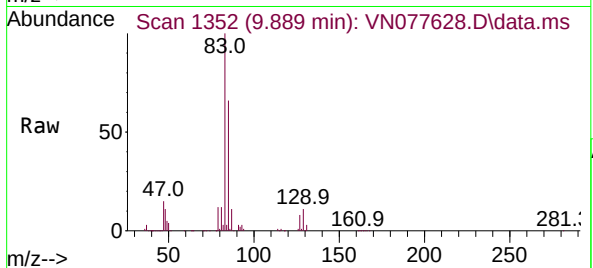
127 8.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#48

Methyl methacrylate

Concen: 98.400 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

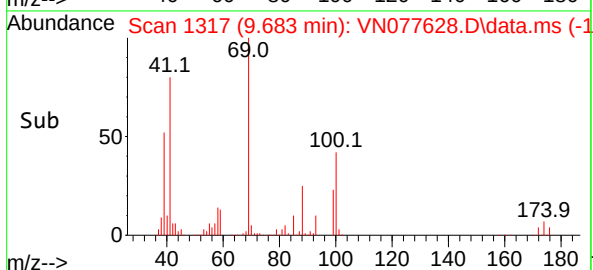
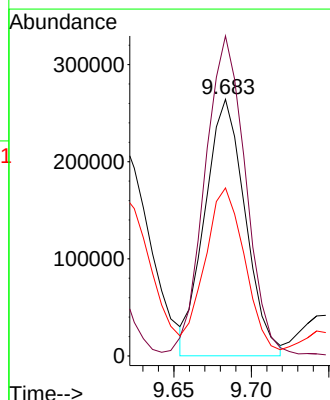
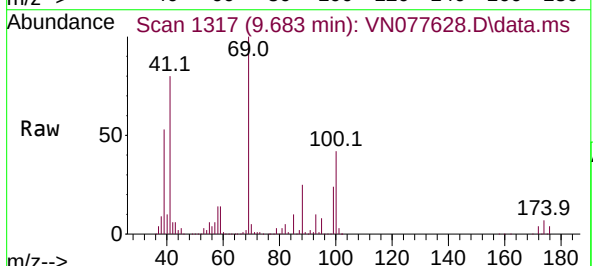
Tgt Ion: 41 Resp: 478624

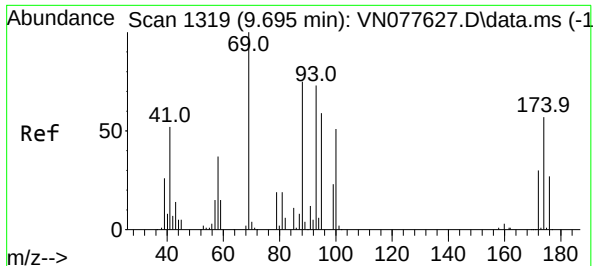
Ion Ratio Lower Upper

41 100

69 127.0 90.4 135.6

39 65.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1950.929 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 282210

Ion Ratio Lower Upper

88 100

43 18.0 17.0 25.6

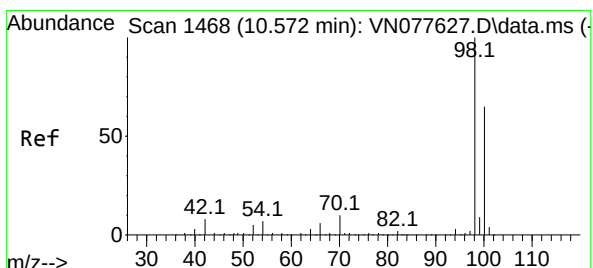
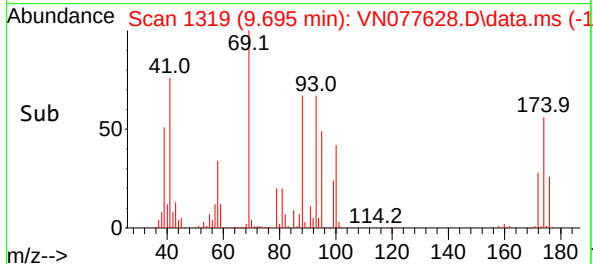
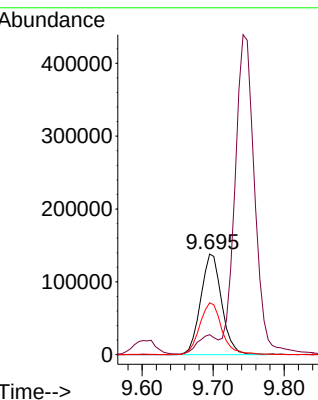
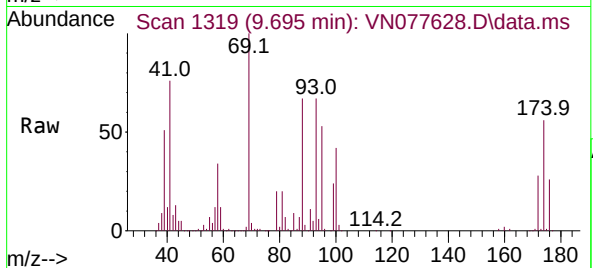
58 54.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#50

Toluene-d8

Concen: 105.034 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077628.D

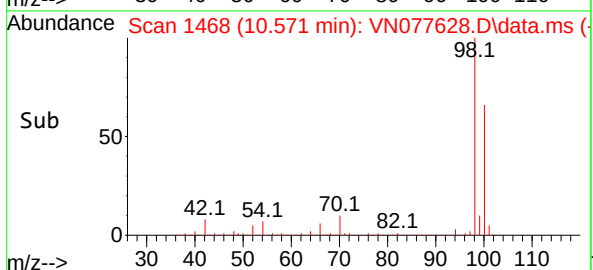
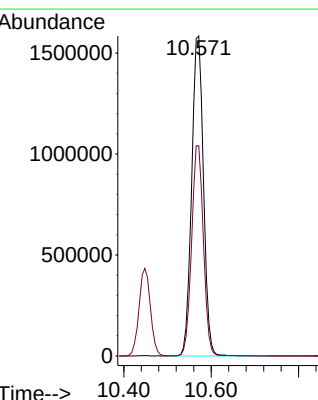
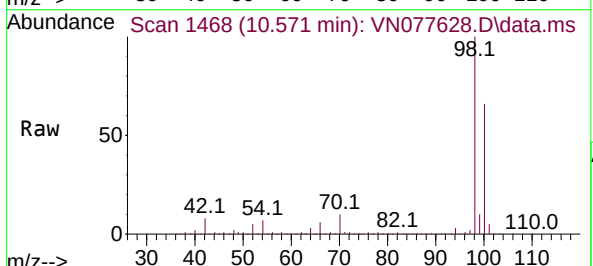
Acq: 09 May 2023 12:58

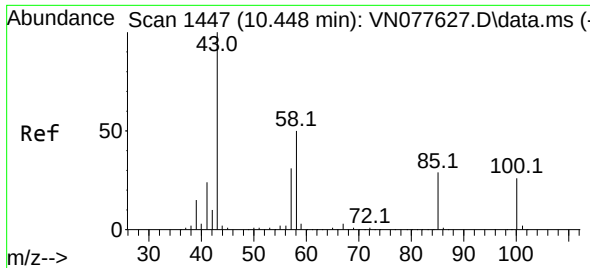
Tgt Ion: 98 Resp: 2978760

Ion Ratio Lower Upper

98 100

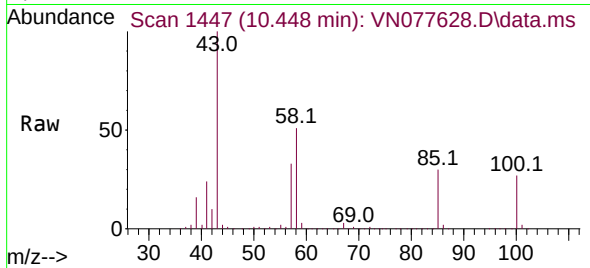
100 65.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 484.498 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

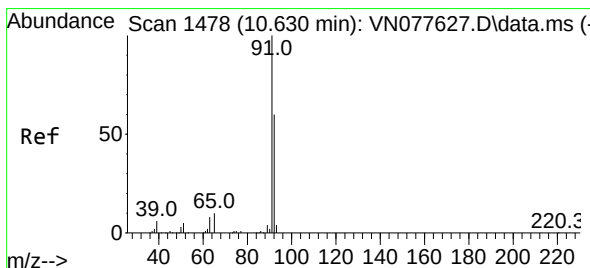
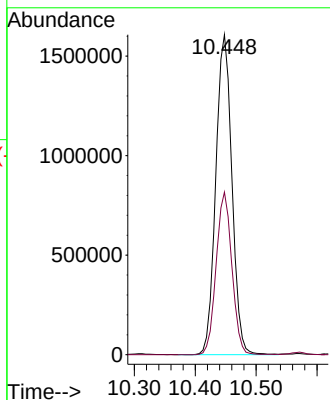
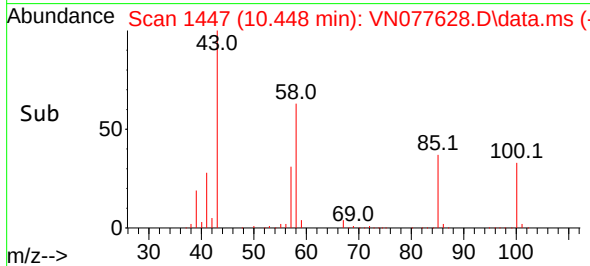
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2953958
Ion Ratio Lower Upper
43 100
58 49.5 36.6 54.8

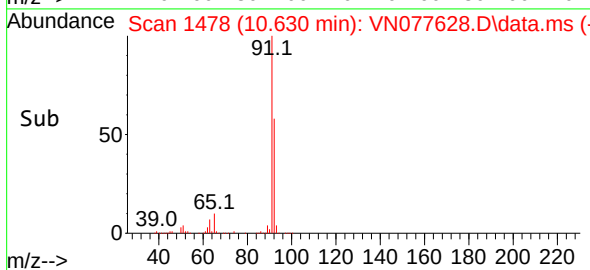
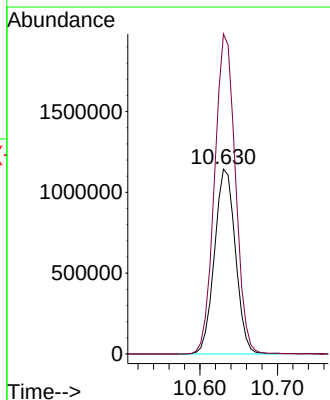
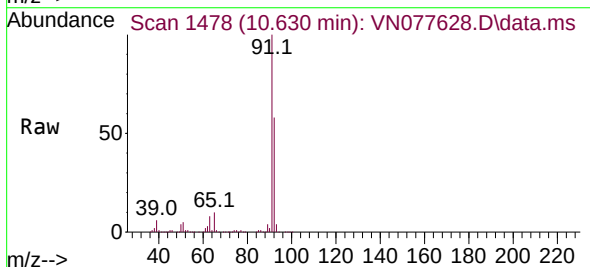
Manual Integrations
APPROVED

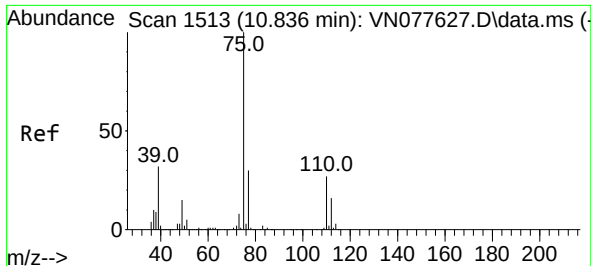
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#52
Toluene
Concen: 103.254 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

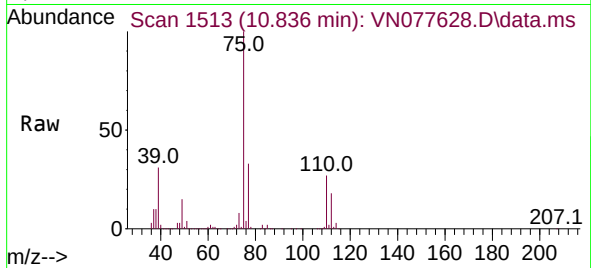
Tgt Ion: 92 Resp: 2147715
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 113.719 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077628.D
 Acq: 09 May 2023 12:58

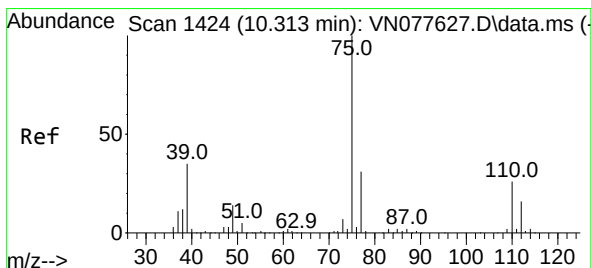
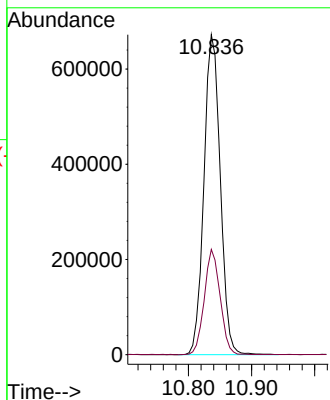
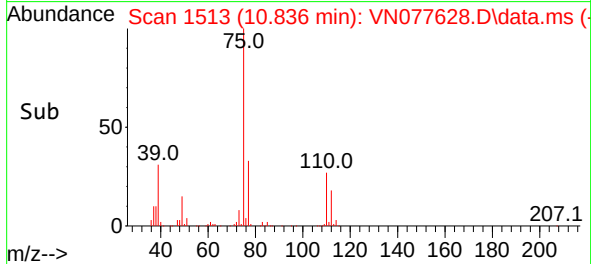
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 121046
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0

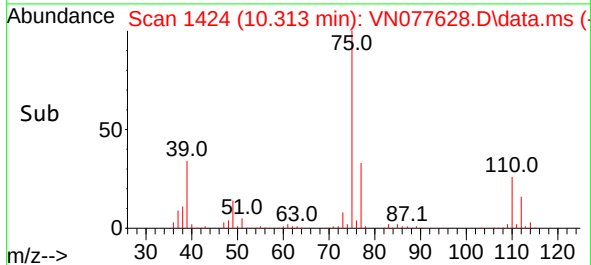
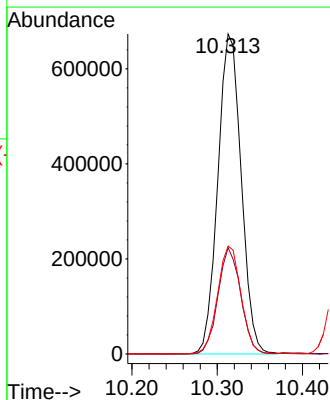
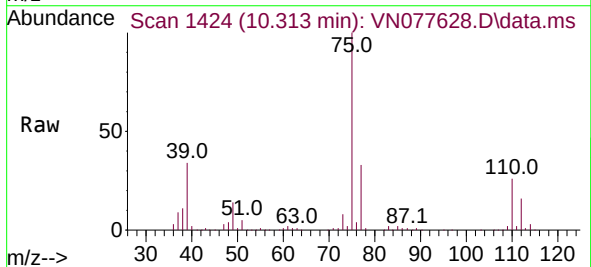
Manual Integrations
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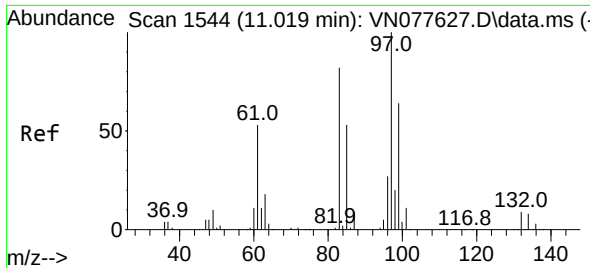
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#54
 cis-1,3-Dichloropropene
 Concen: 106.010 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077628.D
 Acq: 09 May 2023 12:58

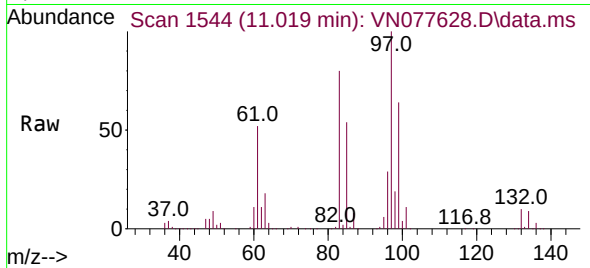
Tgt Ion: 75 Resp: 1283801
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 33.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 100.044 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

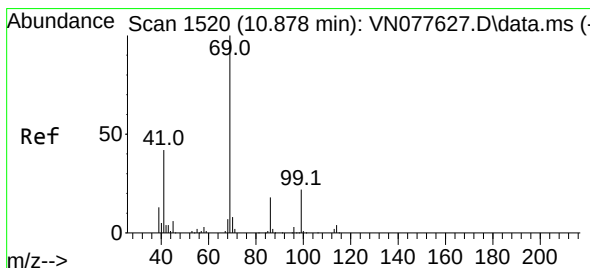
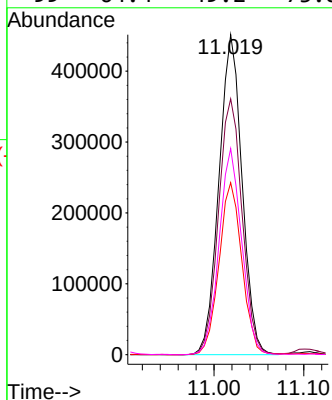
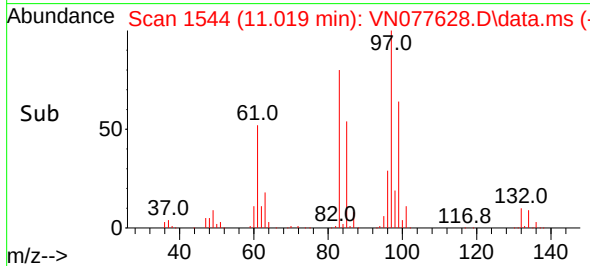
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:	97	Resp:	80686
Ion Ratio	100	Lower	Upper
97	100		
83	80.0	65.1	97.7
85	53.8	43.4	65.2
99	64.4	49.2	73.8

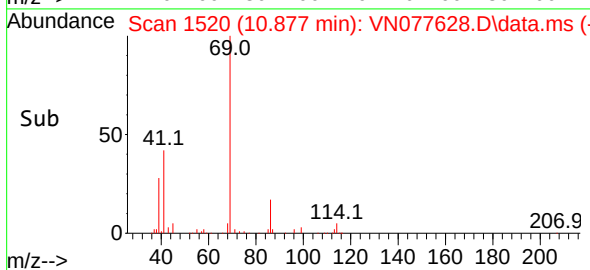
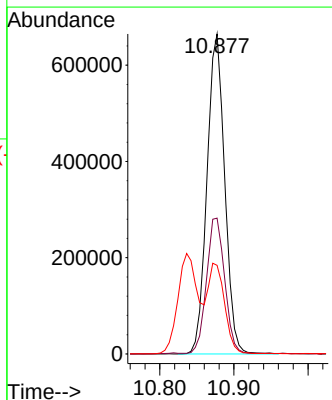
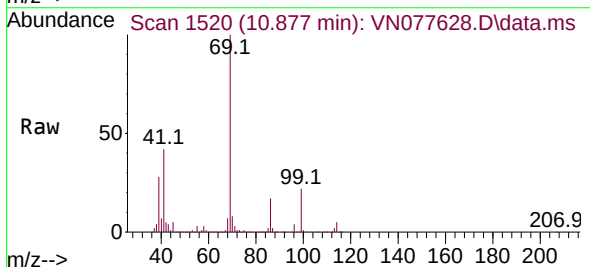
Manual Integrations
APPROVED

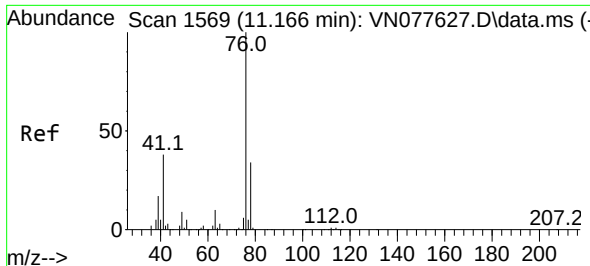
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#56
Ethyl methacrylate
Concen: 108.679 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

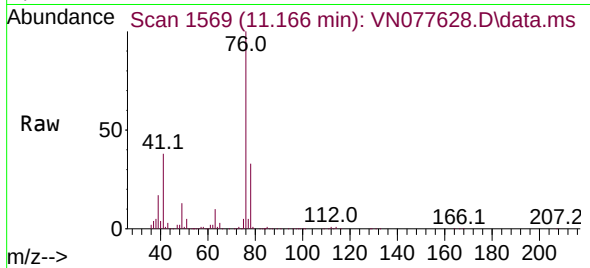
Tgt Ion:	69	Resp:	1105367
Ion Ratio	100	Lower	Upper
69	100		
41	43.3	39.6	59.4
39	25.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 98.964 ug/l
RT: 11.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

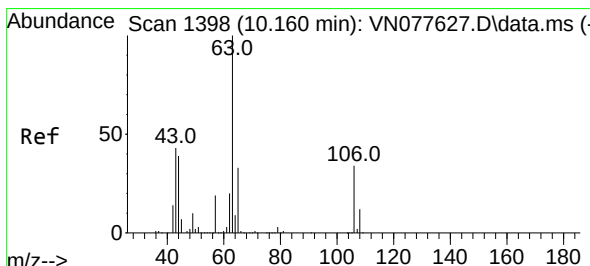
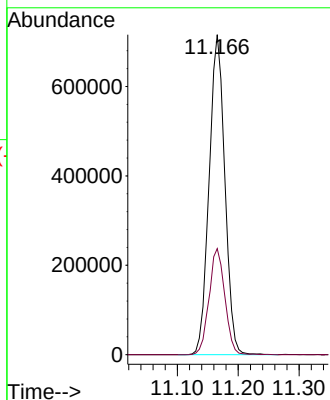
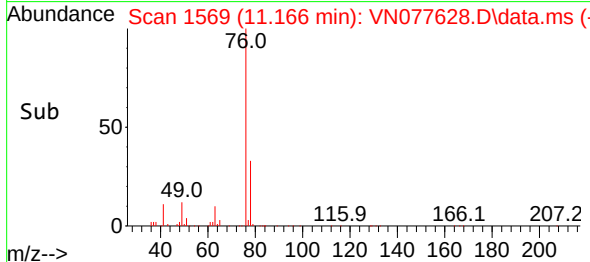
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 1283020
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

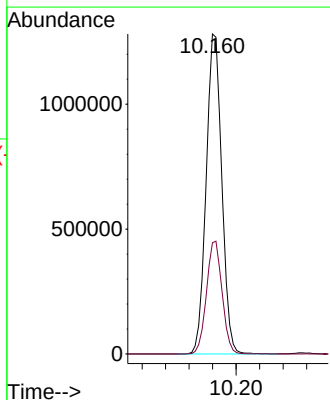
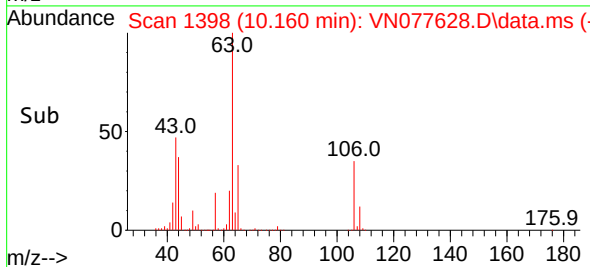
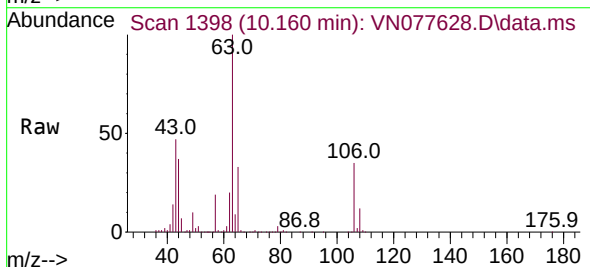
Manual Integrations
APPROVED

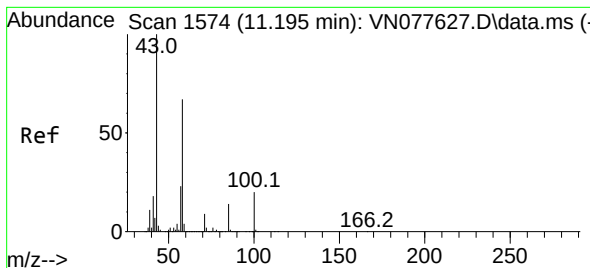
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#58
2-Chloroethyl Vinyl ether
Concen: 498.710 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

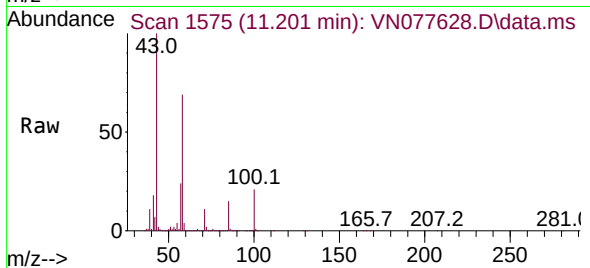
Tgt Ion: 63 Resp: 2359460
Ion Ratio Lower Upper
63 100
106 35.2 26.2 39.4





#59
2-Hexanone
Concen: 497.860 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

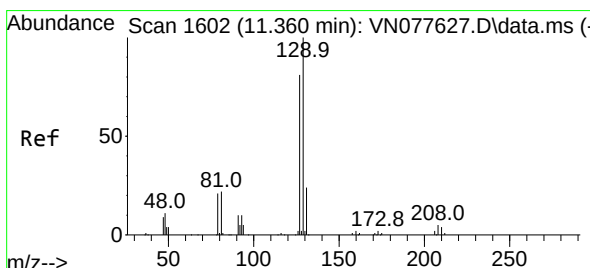
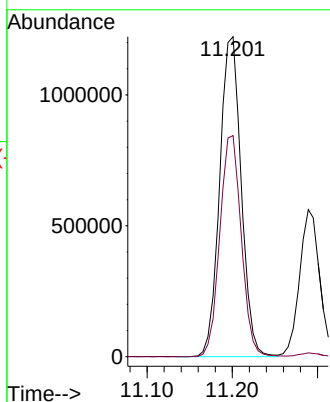
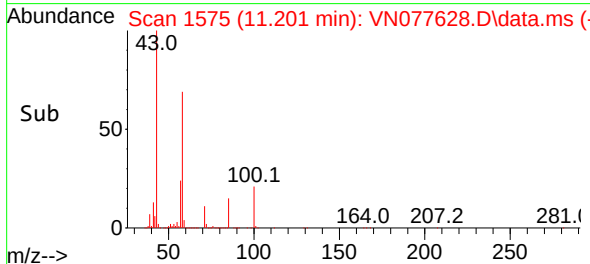
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 214532
Ion Ratio Lower Upper
43 100
58 69.0 31.7 95.1

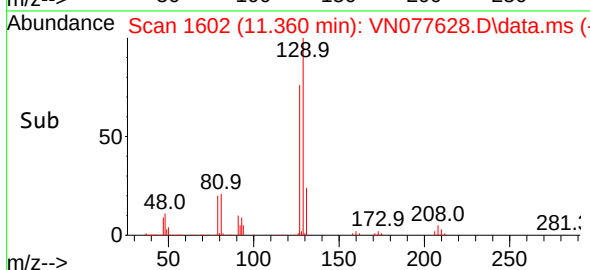
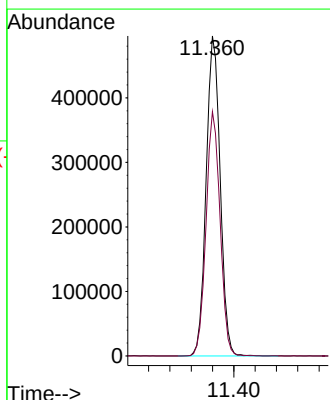
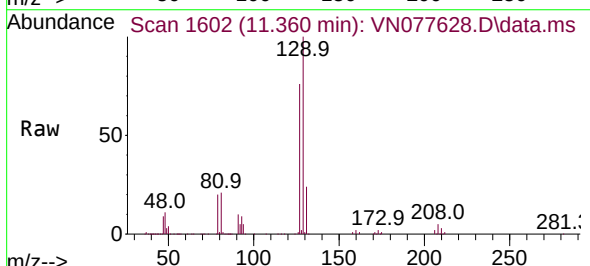
Manual Integrations
APPROVED

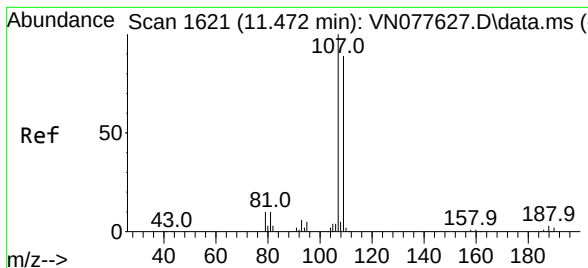
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#60
Dibromochloromethane
Concen: 112.846 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion:129 Resp: 903487
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





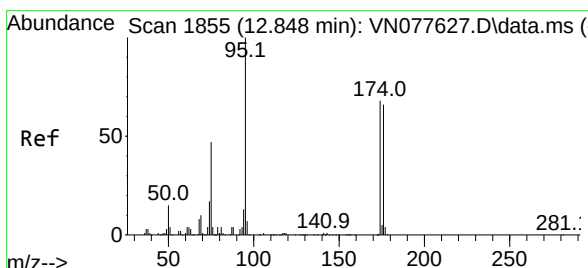
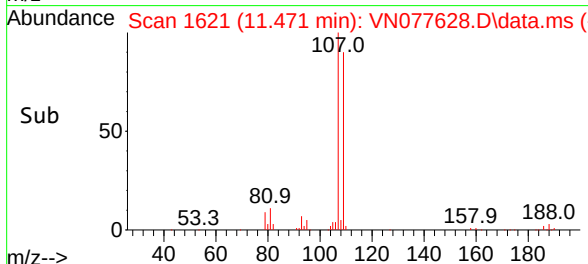
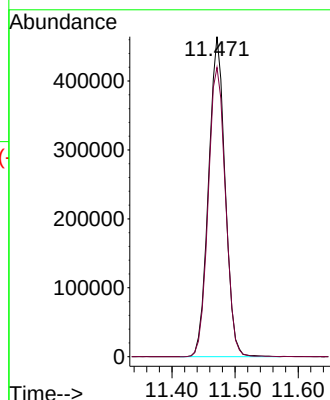
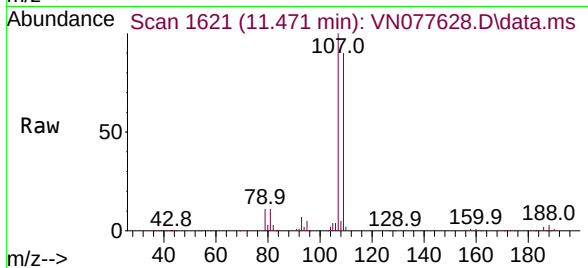
#61
1,2-Dibromoethane
Concen: 106.251 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 842472
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

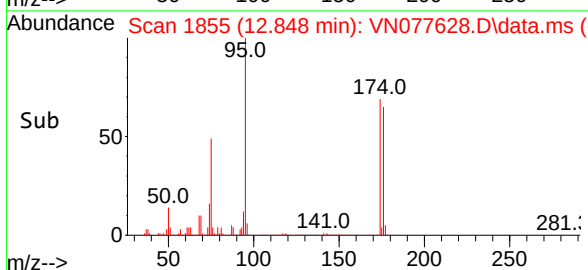
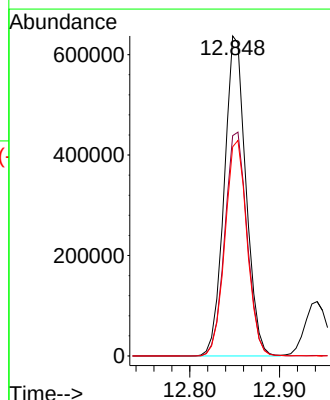
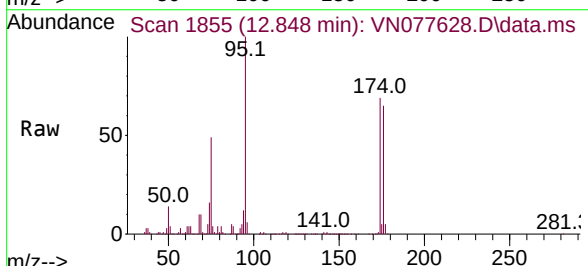
Manual Integrations
APPROVED

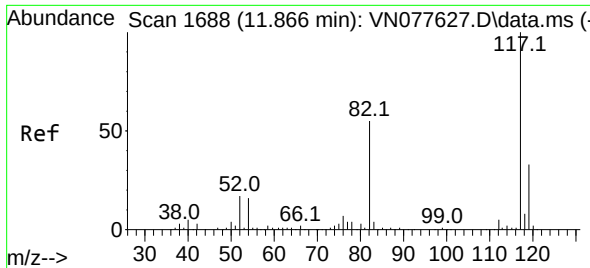
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#62
4-Bromofluorobenzene
Concen: 111.400 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

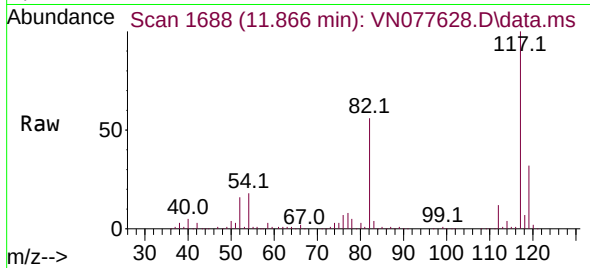
Tgt Ion: 95 Resp: 1068552
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 68.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

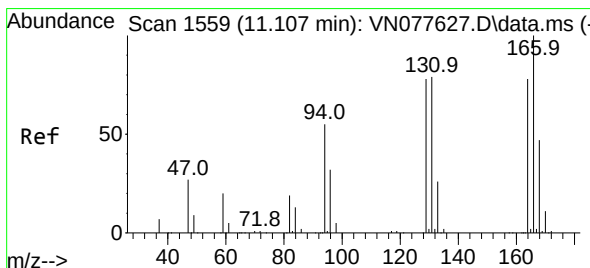
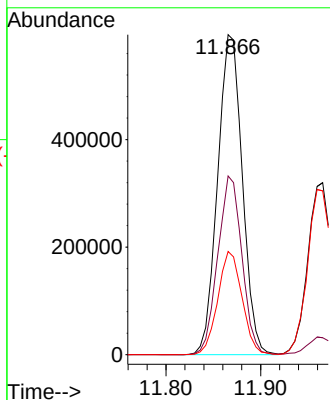
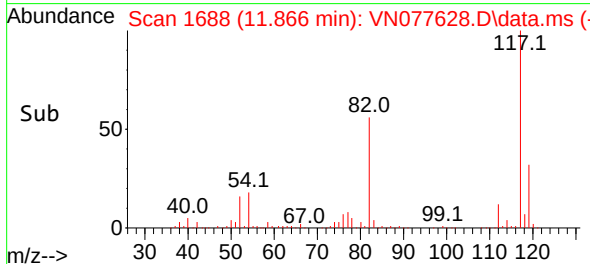
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



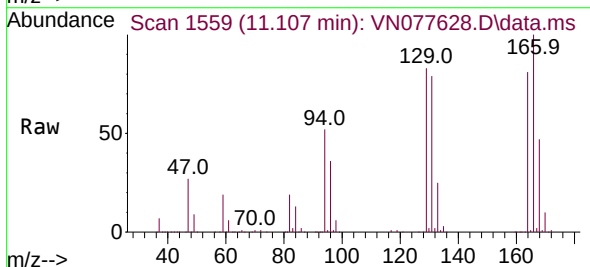
Tgt Ion:117 Resp: 108067
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.3 25.6 38.4

Manual Integrations
APPROVED

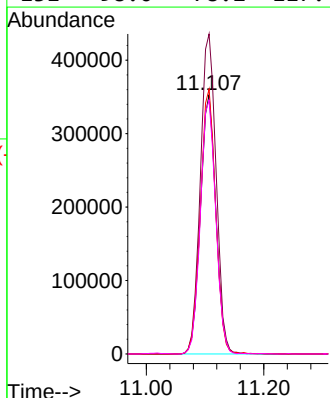
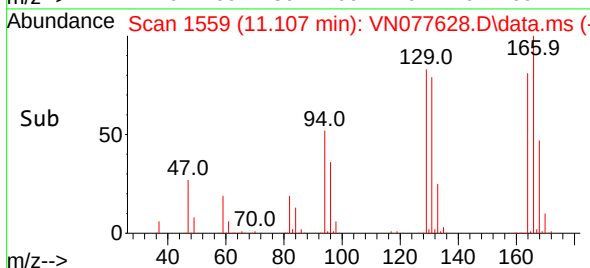
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

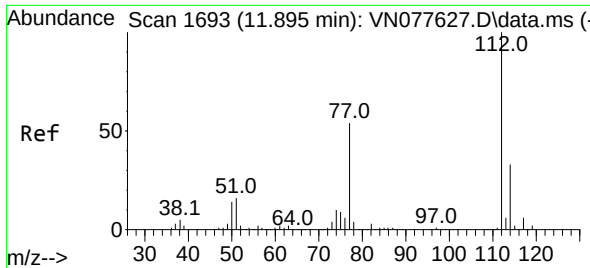


#64
Tetrachloroethene
Concen: 100.285 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



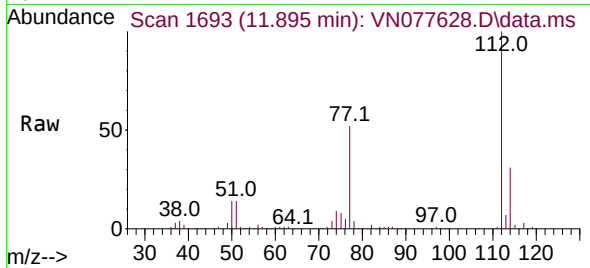
Tgt Ion:164 Resp: 644996
Ion Ratio Lower Upper
164 100
166 123.4 101.4 152.0
129 102.1 82.4 123.6
131 98.0 78.2 117.4





#65
Chlorobenzene
Concen: 103.587 ug/l
RT: 11.895 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

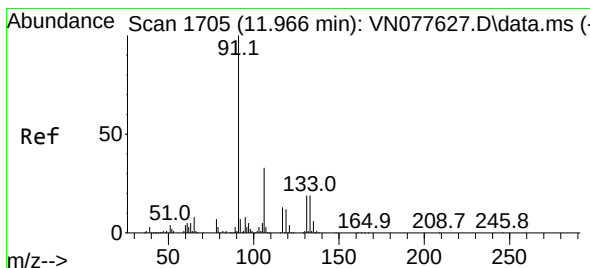
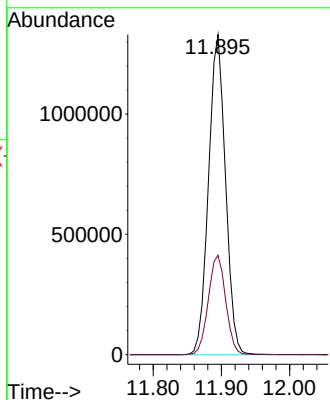
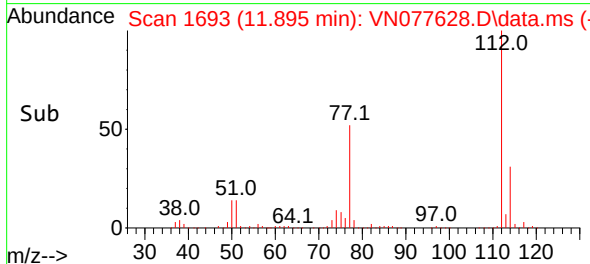
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



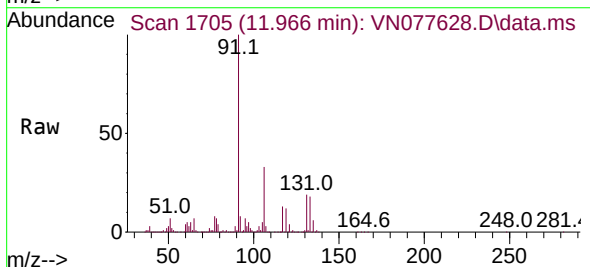
Tgt Ion:112 Resp: 2301024
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

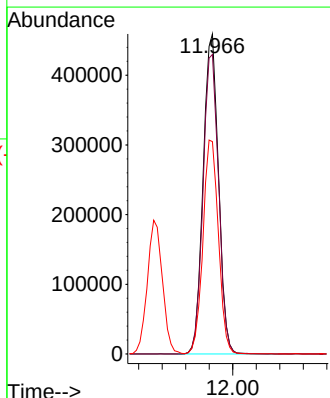
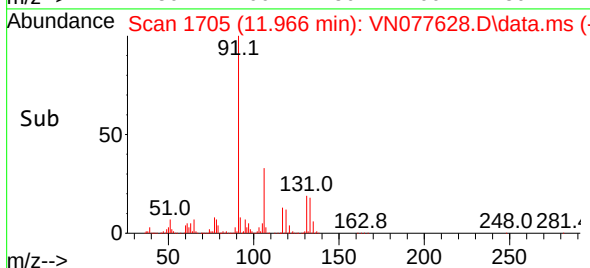
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

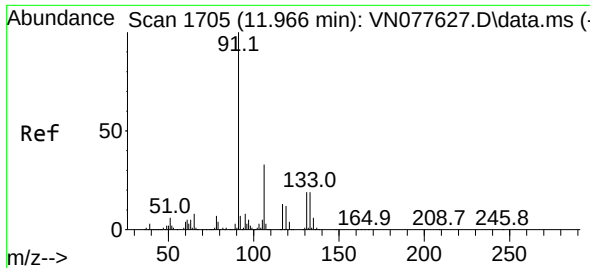


#66
1,1,1,2-Tetrachloroethane
Concen: 103.580 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



Tgt Ion:131 Resp: 828944
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 67.3 34.1 102.2





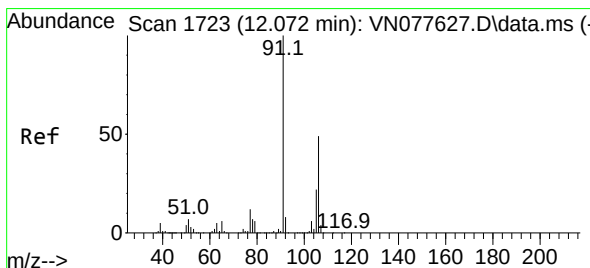
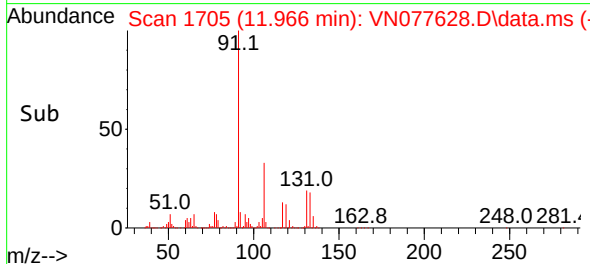
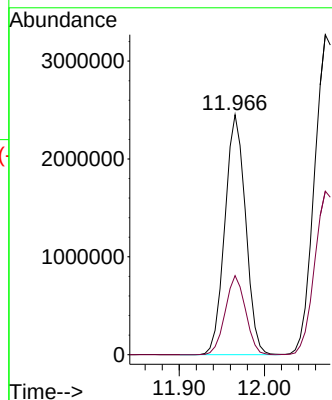
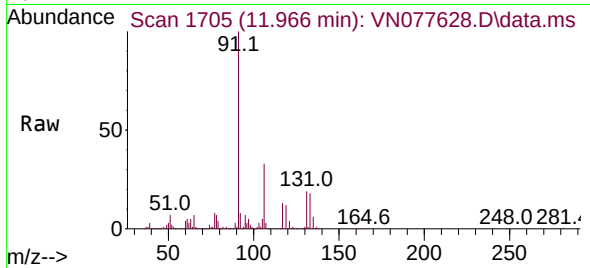
#67
Ethyl Benzene
Concen: 106.026 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 4134869
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4

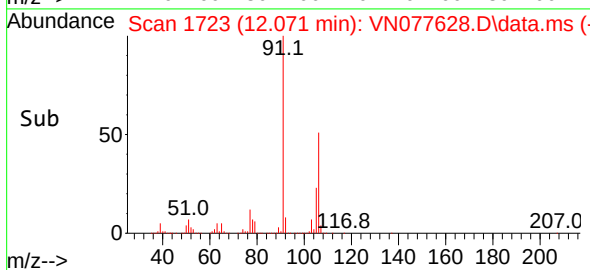
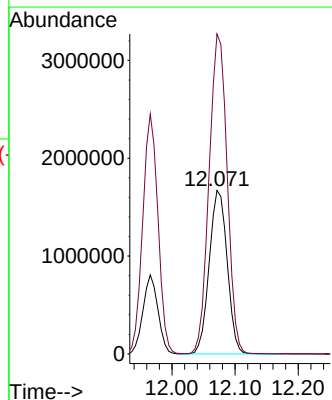
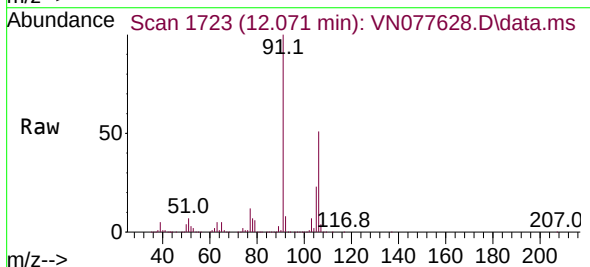
Manual Integrations
APPROVED

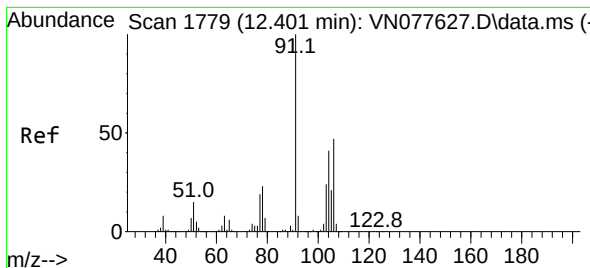
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#68
m/p-Xylenes
Concen: 213.770 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion:106 Resp: 3300830
Ion Ratio Lower Upper
106 100
91 196.8 159.6 239.4





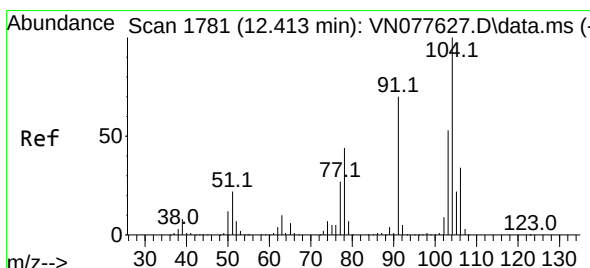
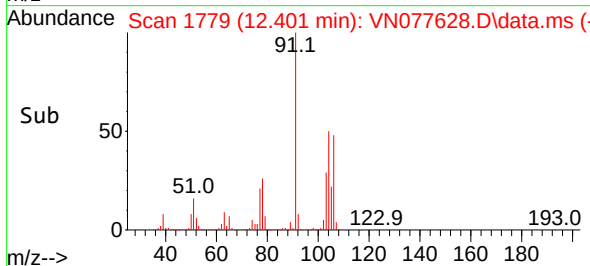
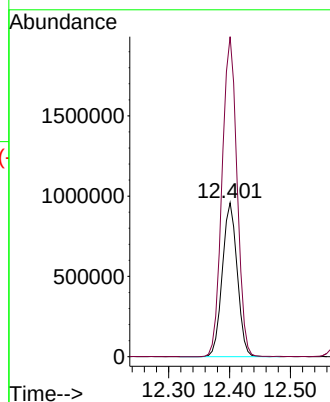
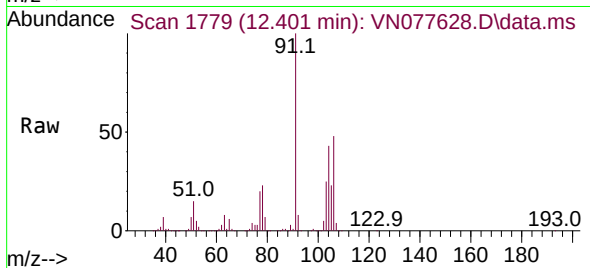
#69
o-Xylene
Concen: 105.004 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 162513
Ion Ratio Lower Upper
106 100
91 209.8 105.2 315.5

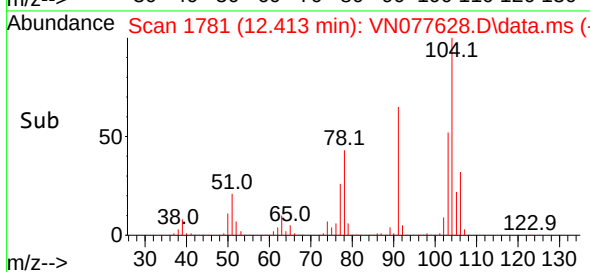
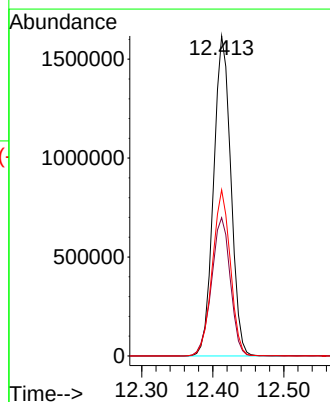
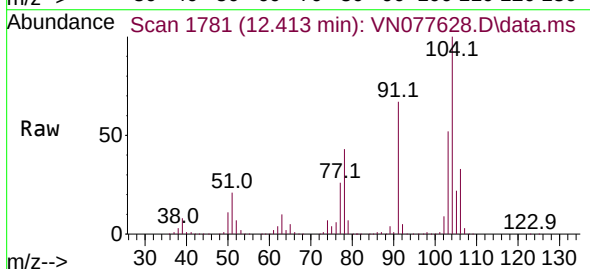
Manual Integrations
APPROVED

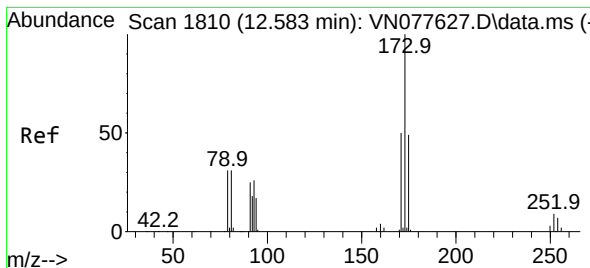
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 115.091 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion:104 Resp: 2728000
Ion Ratio Lower Upper
104 100
78 46.9 39.5 59.3
103 53.9 43.2 64.8





#71

Bromoform

Concen: 118.355 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 574814

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

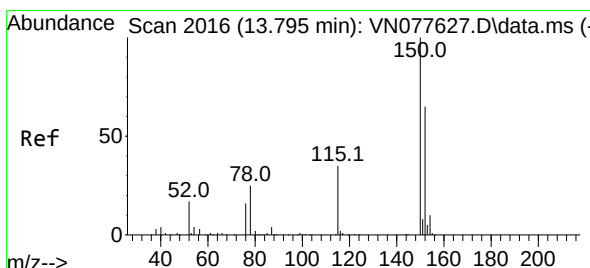
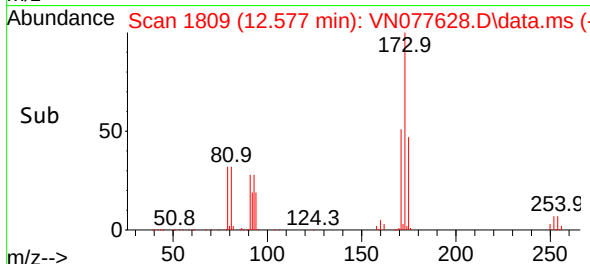
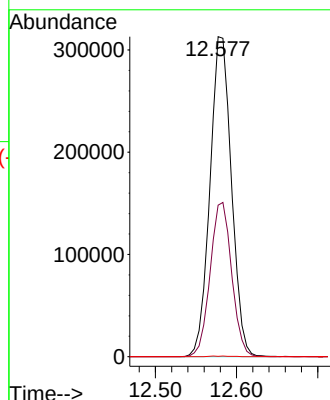
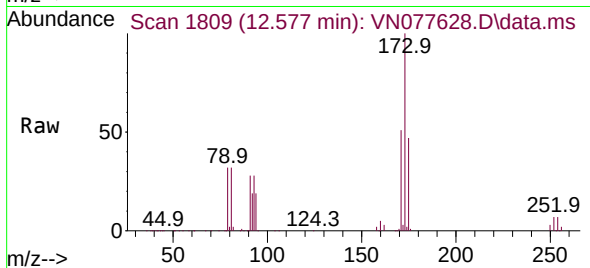
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

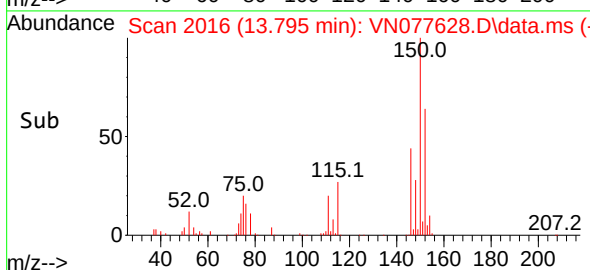
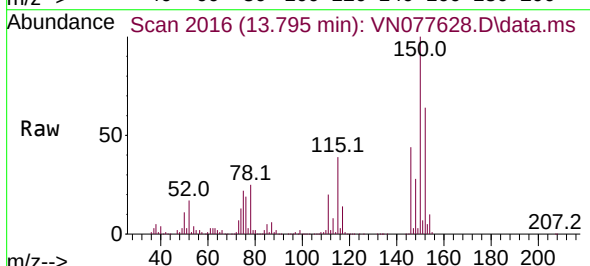
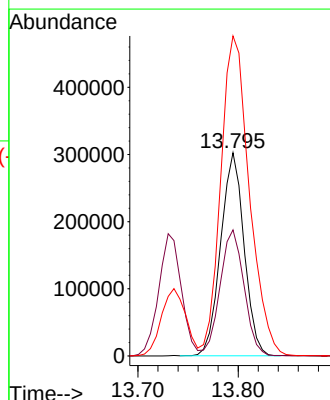
Tgt Ion:152 Resp: 488297

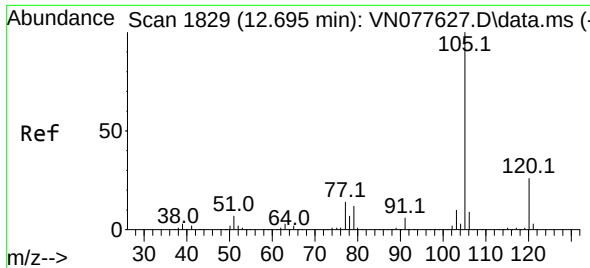
Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

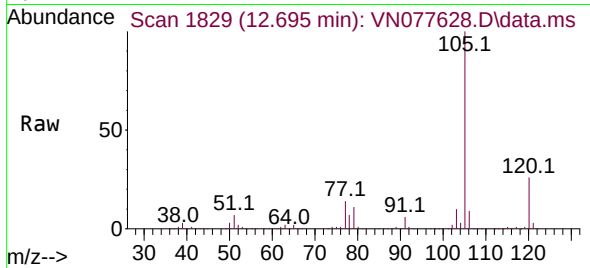
150 193.7 0.0 355.8





#73
Isopropylbenzene
Concen: 96.740 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

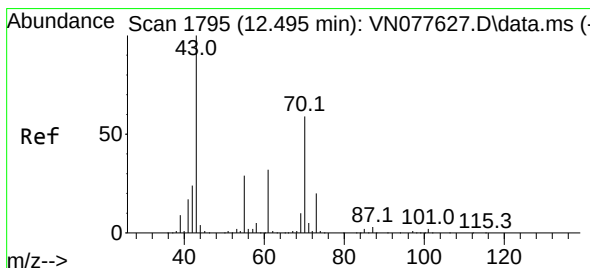
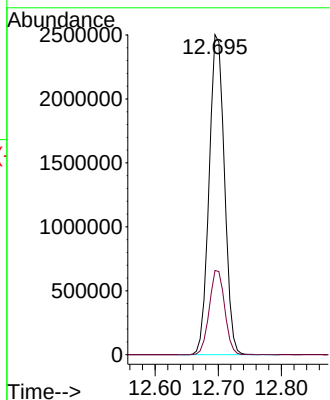
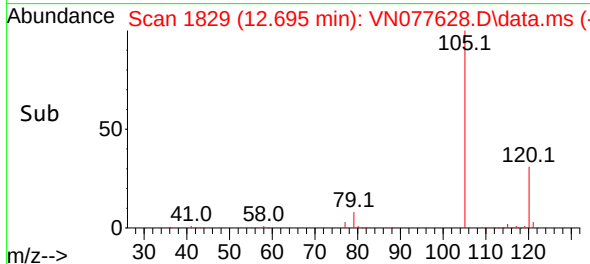
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



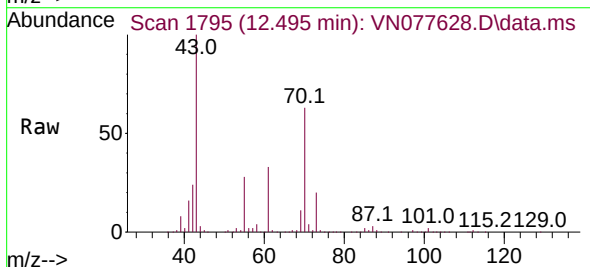
Tgt Ion:105 Resp: 421397
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

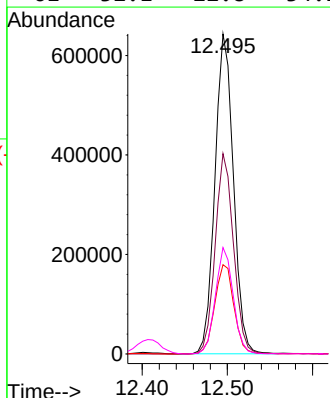
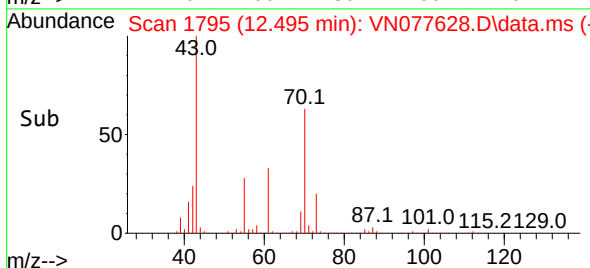
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

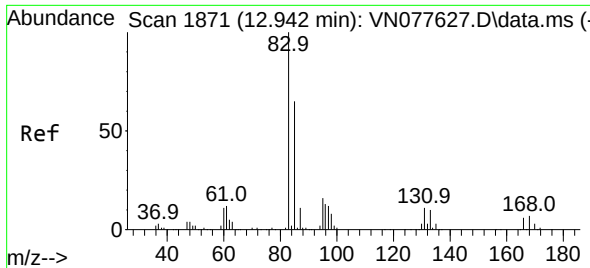


#74
N-ethyl acetate
Concen: 101.163 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



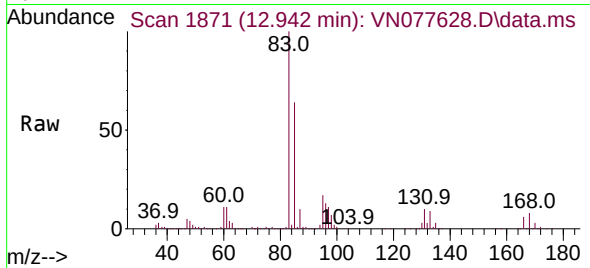
Tgt Ion: 43 Resp: 972501
Ion Ratio Lower Upper
43 100
70 62.2 43.4 65.2
55 29.1 21.4 32.0
61 32.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 91.706 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

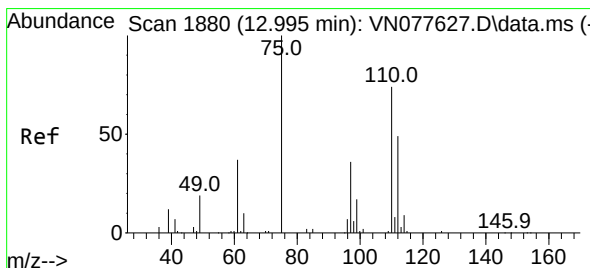
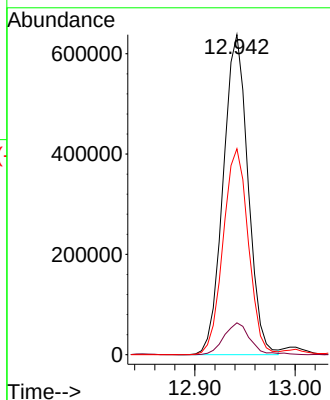
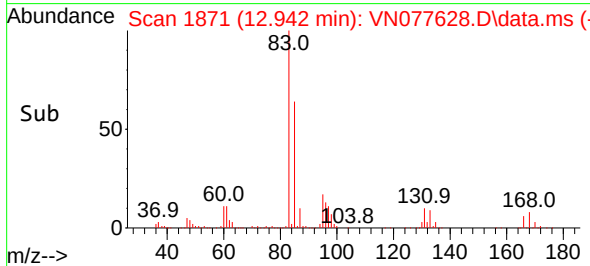
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 1098164
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.3 31.9 95.7

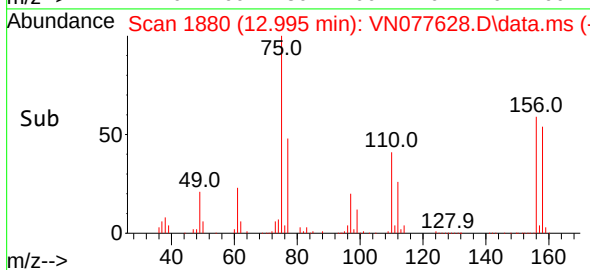
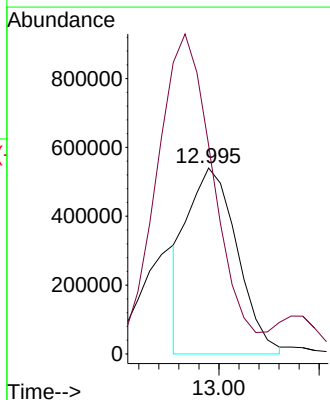
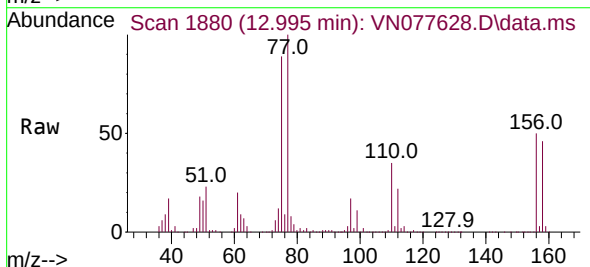
Manual Integrations
APPROVED

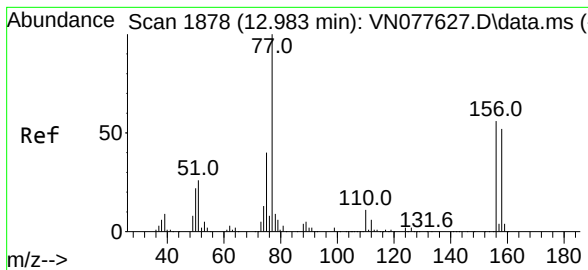
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#76
1,2,3-Trichloropropane
Concen: 96.907 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

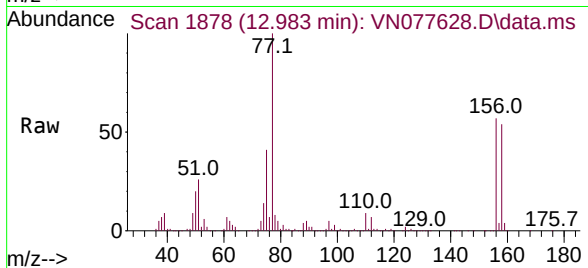
Tgt Ion: 75 Resp: 931974
Ion Ratio Lower Upper
75 100
77 198.0 84.5 253.5





#77
Bromobenzene
Concen: 94.699 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

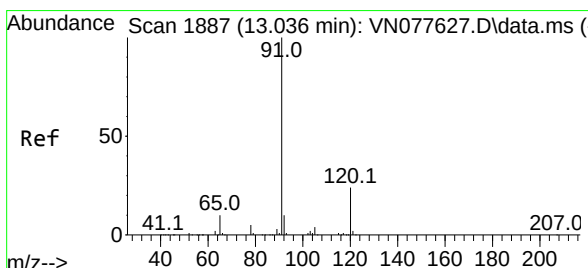
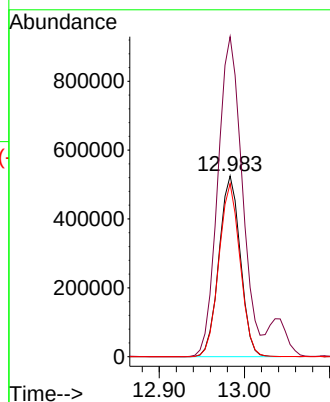
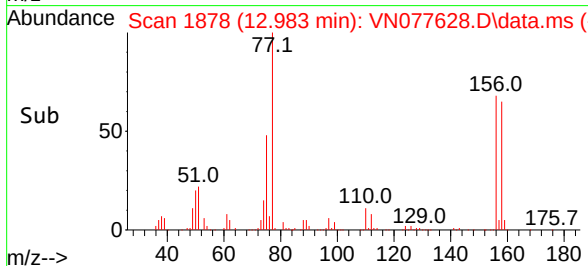
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



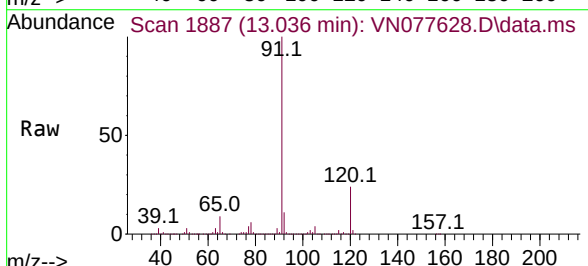
Tgt Ion:156 Resp: 913572
Ion Ratio Lower Upper
156 100
77 202.0 107.7 323.3
158 95.1 48.4 145.3

Manual Integrations
APPROVED

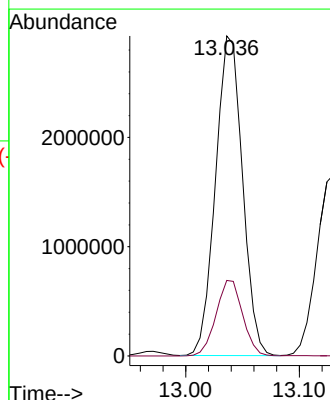
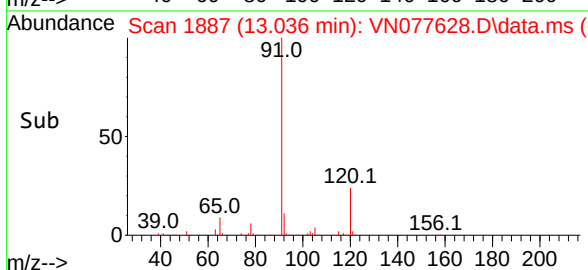
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

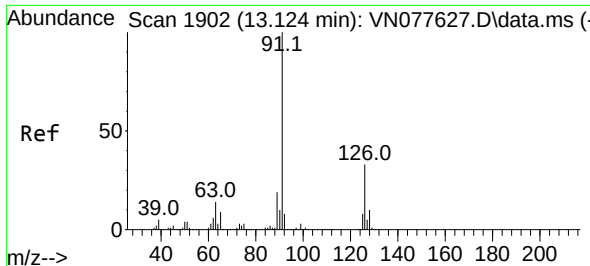


#78
n-propylbenzene
Concen: 103.272 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



Tgt Ion: 91 Resp: 4828879
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 97.368 ug/l

RT: 13.130 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 2899738

Ion Ratio Lower Upper

91 100

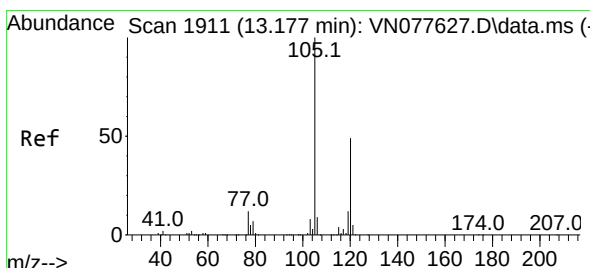
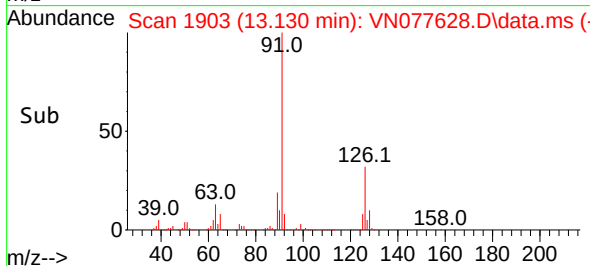
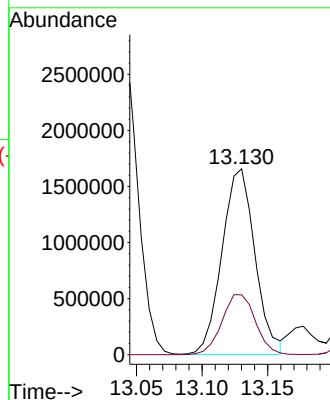
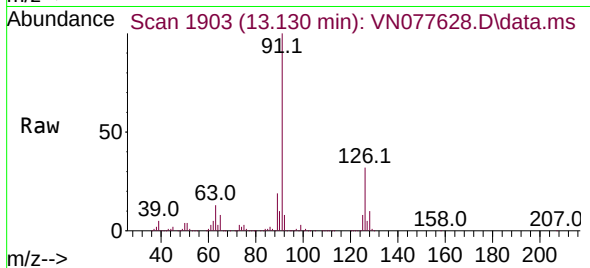
126 32.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#80

1,3,5-Trimethylbenzene

Concen: 109.404 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077628.D

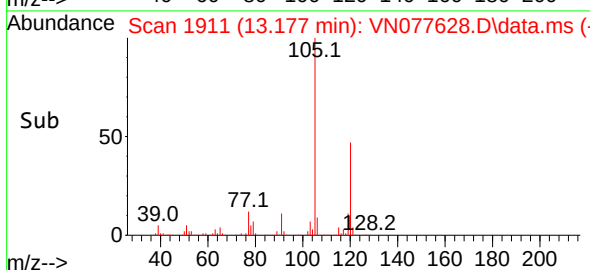
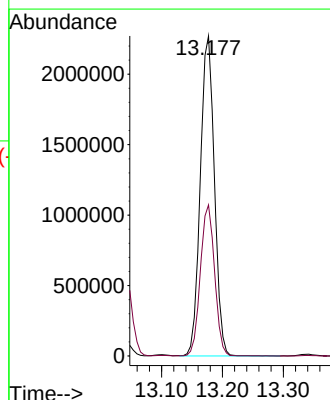
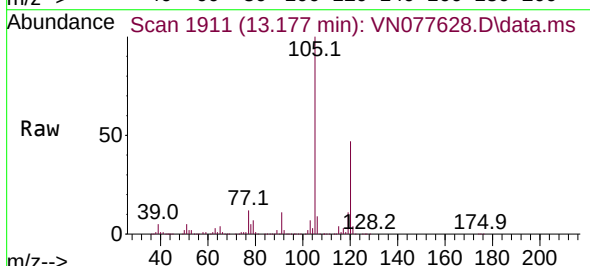
Acq: 09 May 2023 12:58

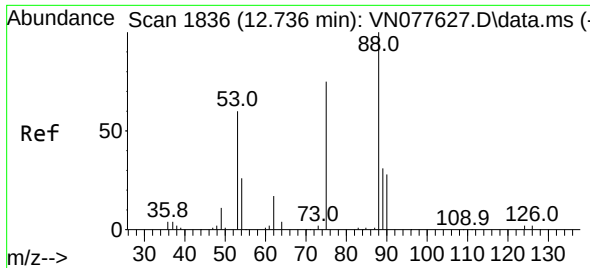
Tgt Ion:105 Resp: 3645861

Ion Ratio Lower Upper

105 100

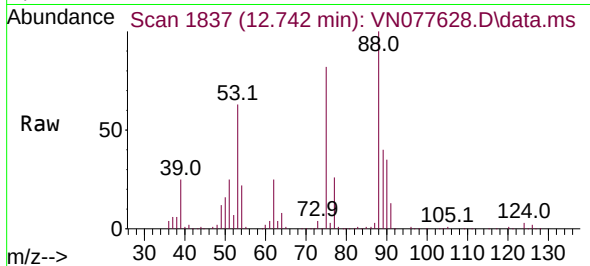
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 108.273 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

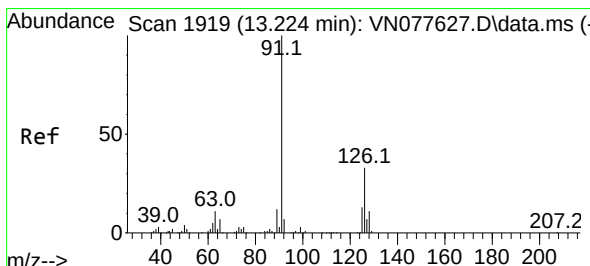
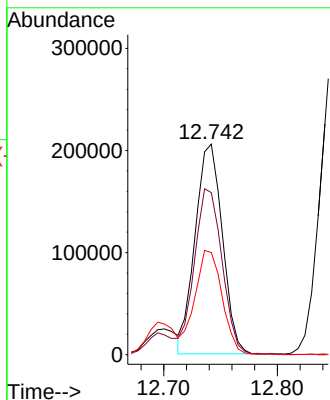
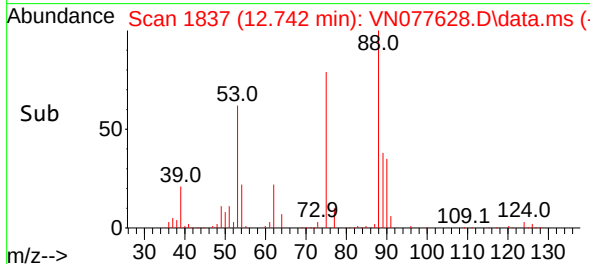
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 342650
Ion Ratio Lower Upper
75 100
53 82.0 67.4 101.2
89 50.4 38.8 58.2

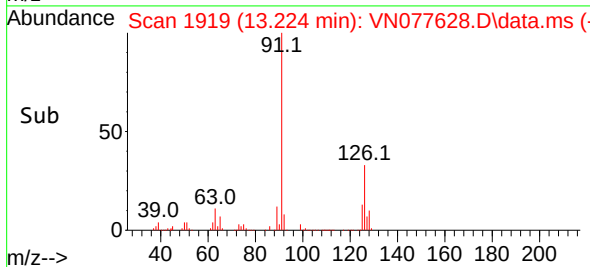
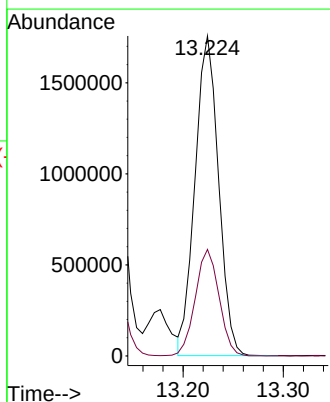
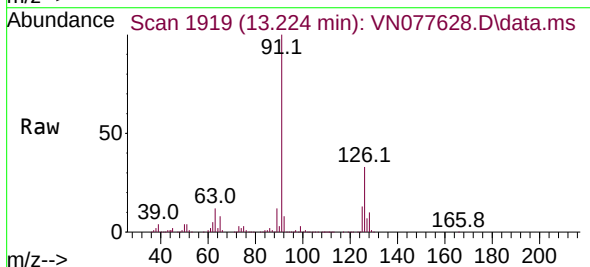
Manual Integrations
APPROVED

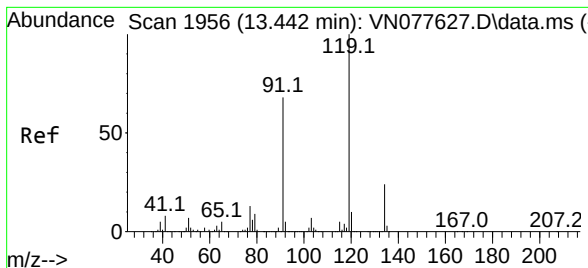
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#82
4-Chlorotoluene
Concen: 102.497 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

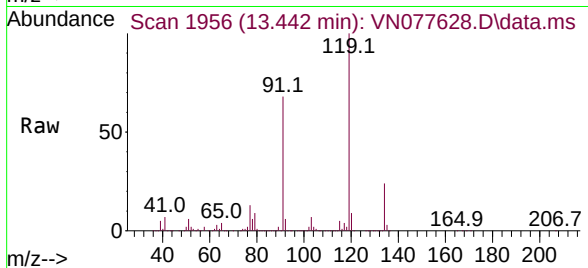
Tgt Ion: 91 Resp: 2862691
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 97.548 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

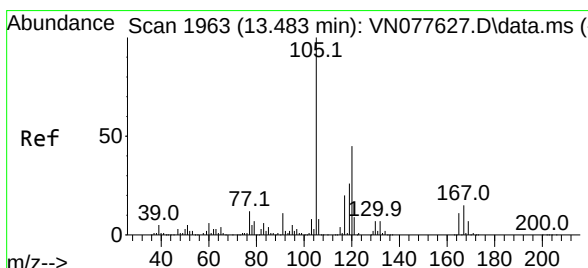
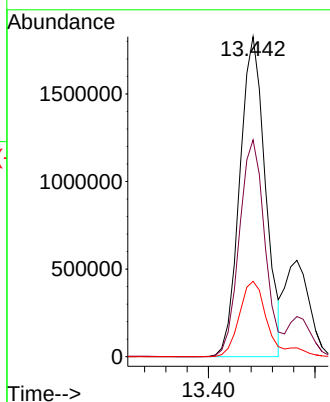
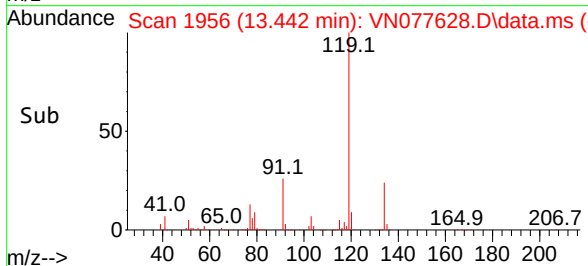
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



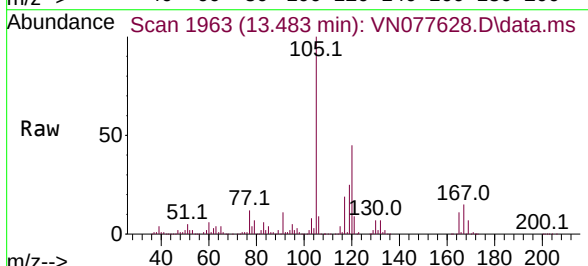
Tgt Ion:119 Resp: 3054698
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 26.4 13.2 39.6

Manual Integrations
APPROVED

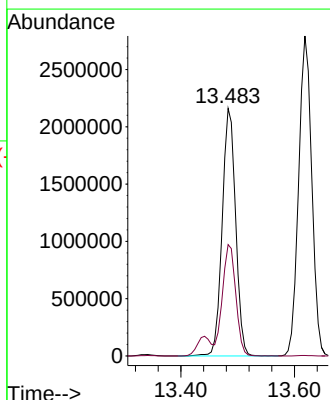
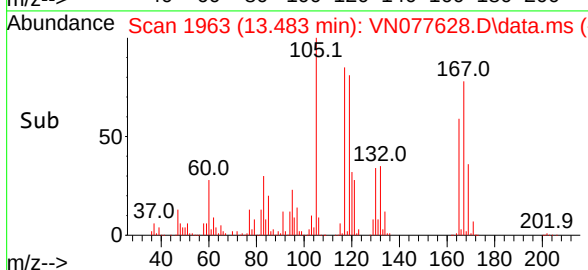
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

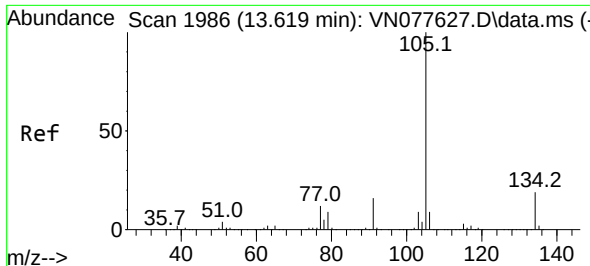


#84
1,2,4-Trimethylbenzene
Concen: 113.801 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



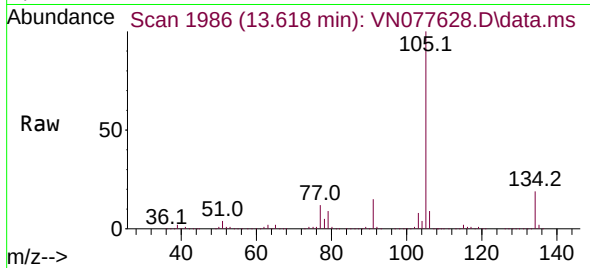
Tgt Ion:105 Resp: 3563998
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 105.904 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077628.D
 Acq: 09 May 2023 12:58

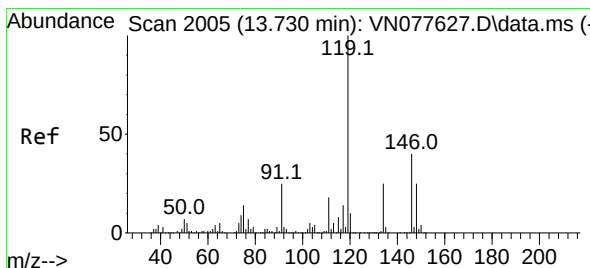
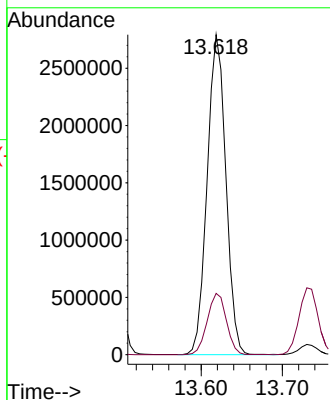
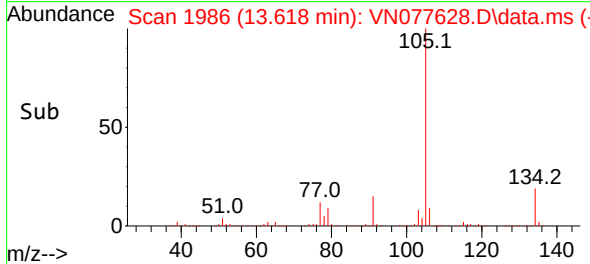
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



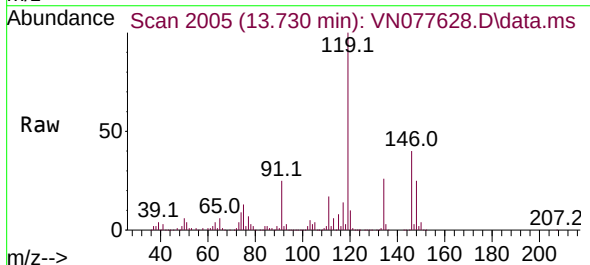
Tgt Ion:105 Resp: 446422
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

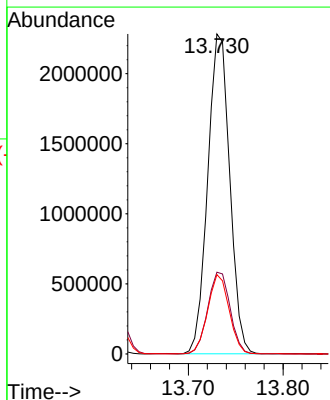
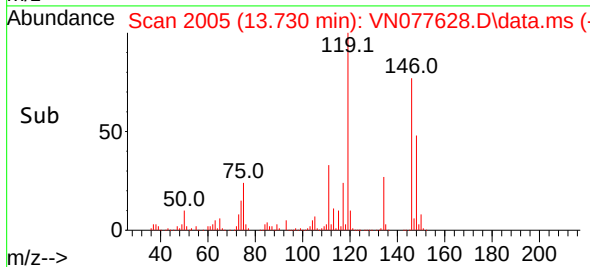
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

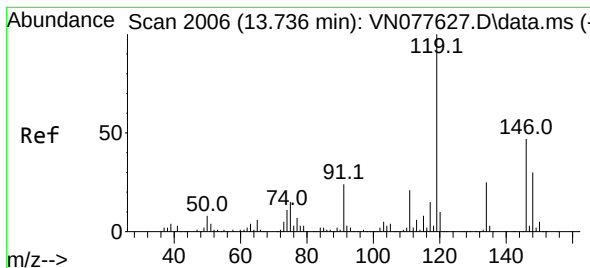


#86
 p-Isopropyltoluene
 Concen: 111.495 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077628.D
 Acq: 09 May 2023 12:58



Tgt Ion:119 Resp: 3675225
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 102.794 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 1723662

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

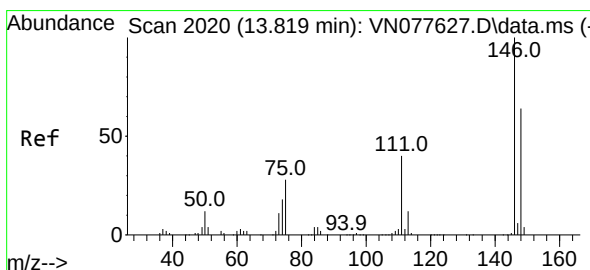
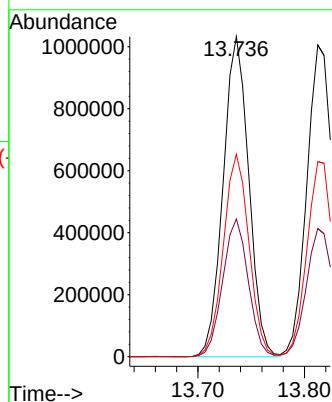
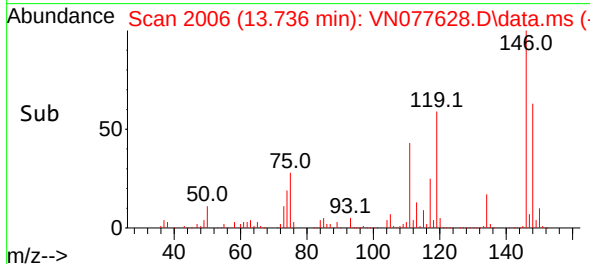
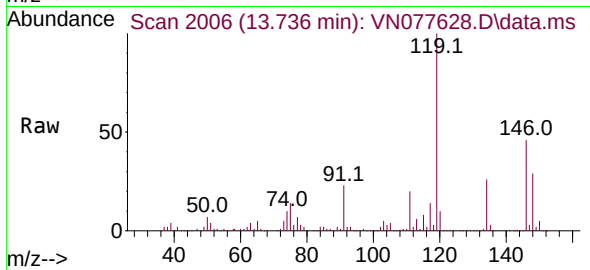
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#88

1,4-Dichlorobenzene

Concen: 102.700 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

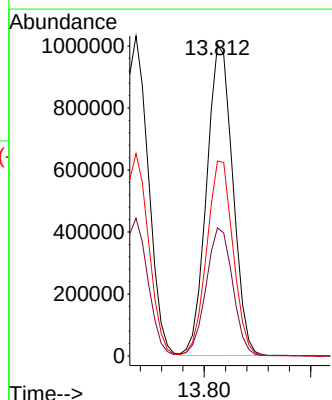
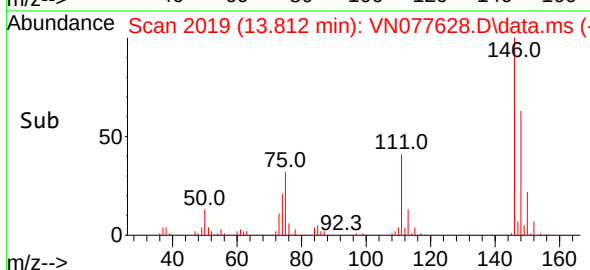
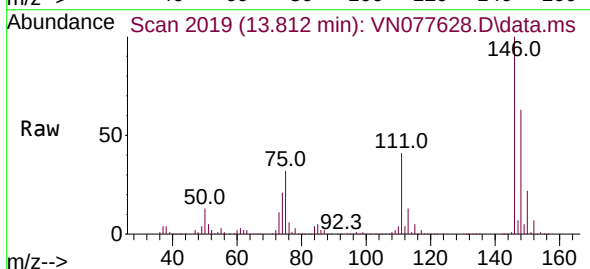
Tgt Ion:146 Resp: 1711925

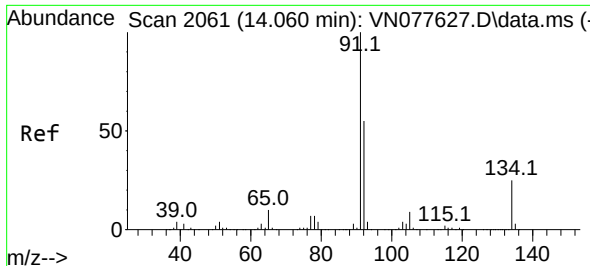
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

148 63.2 31.6 94.8





#89
n-Butylbenzene
Concen: 119.928 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

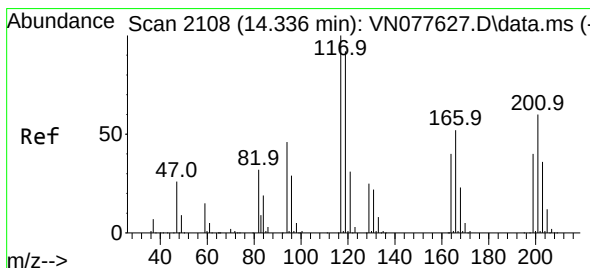
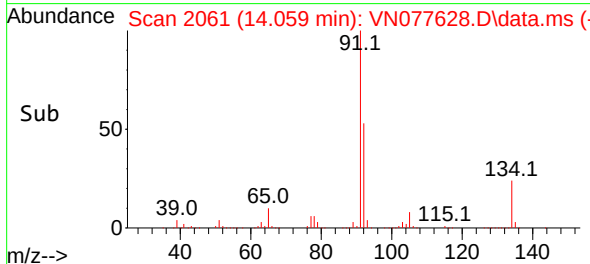
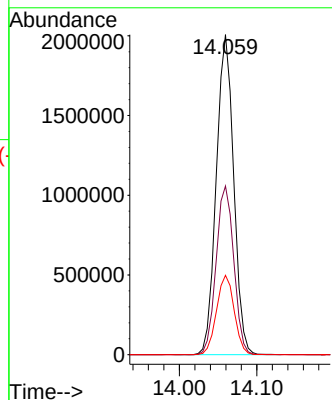
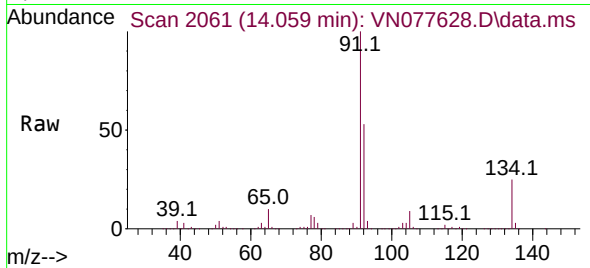
VSTDICC100

Tgt Ion: 91 Resp: 3132698
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 25.3 12.6 37.6

Manual Integrations

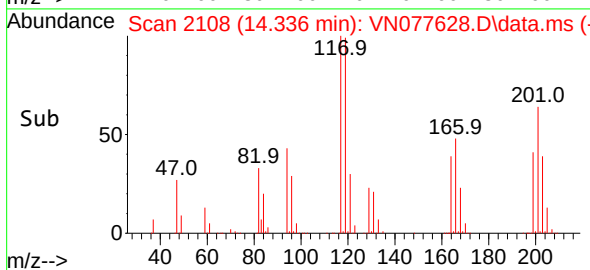
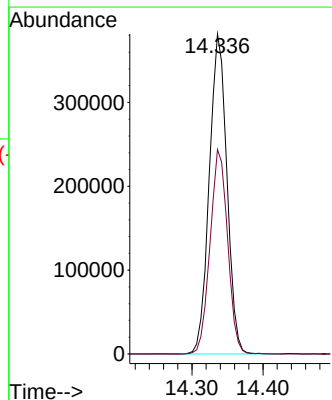
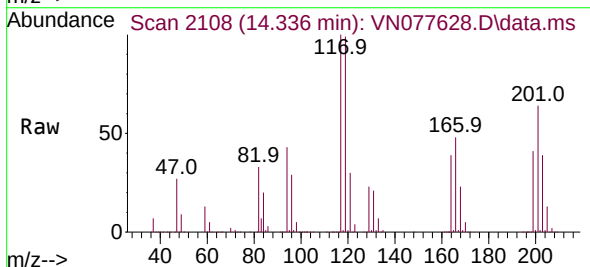
APPROVED

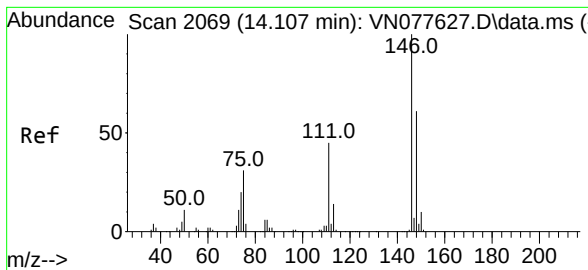
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#90
Hexachloroethane
Concen: 104.004 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion:117 Resp: 657468
Ion Ratio Lower Upper
117 100
201 63.6 29.3 88.0





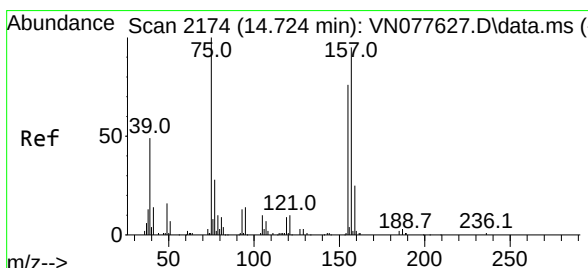
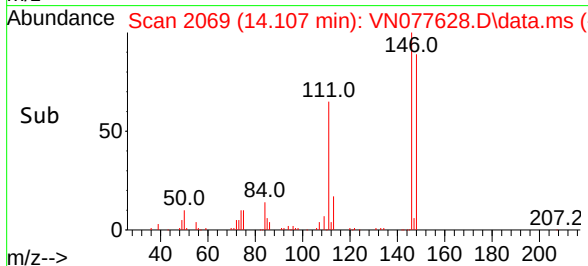
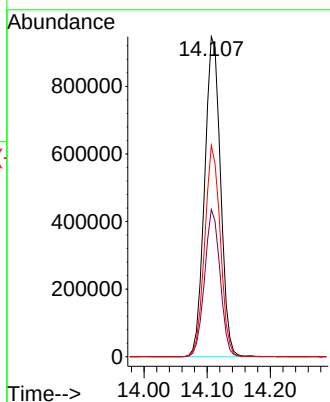
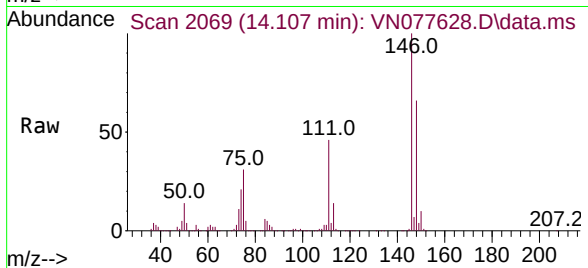
#91
1,2-Dichlorobenzene
Concen: 99.148 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1652890
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 64.7 31.8 95.3

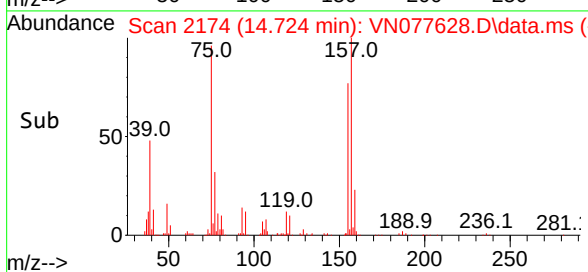
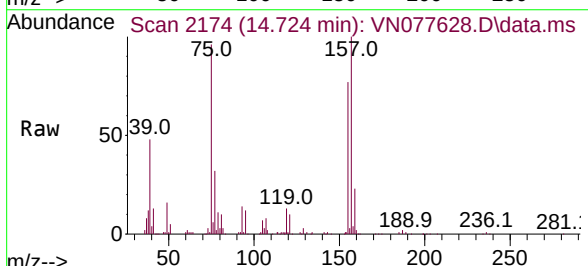
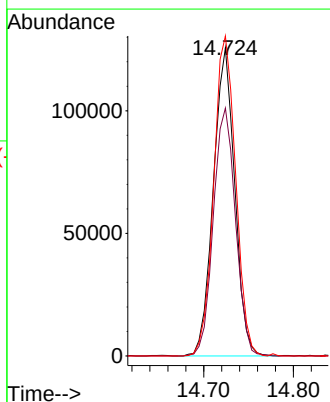
Manual Integrations
APPROVED

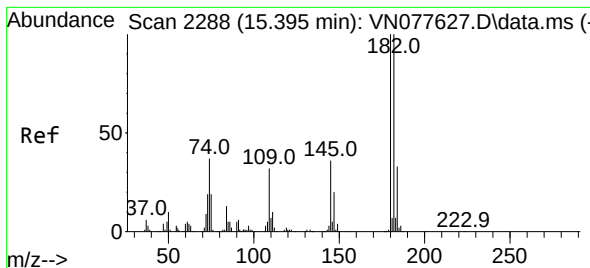
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 98.136 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

Tgt Ion: 75 Resp: 207969
Ion Ratio Lower Upper
75 100
155 83.1 39.1 117.2
157 106.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 103.101 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 772390

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

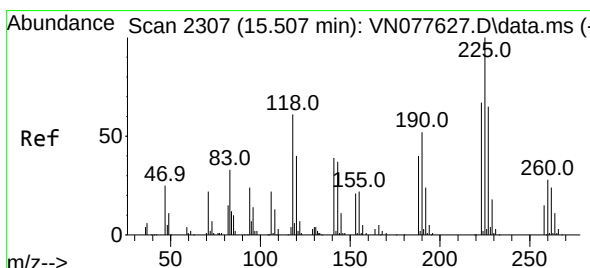
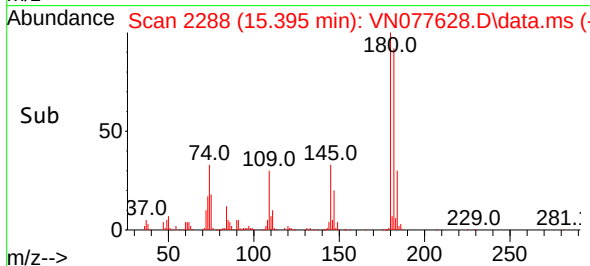
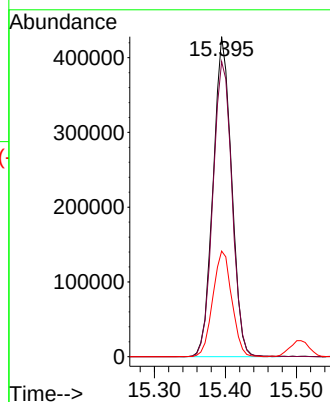
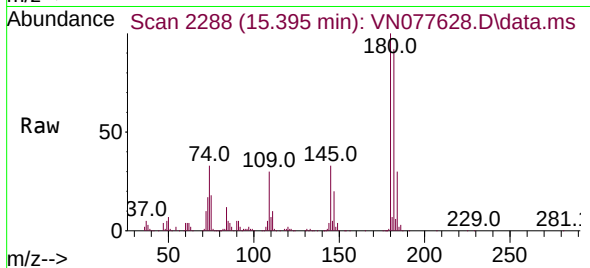
145 33.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#94

Hexachlorobutadiene

Concen: 99.800 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077628.D

Acq: 09 May 2023 12:58

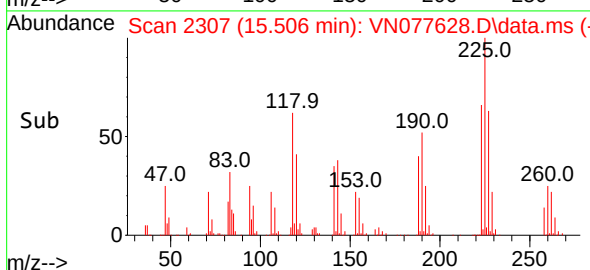
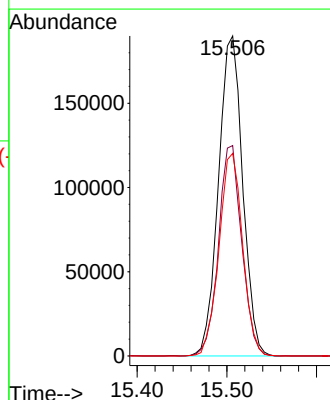
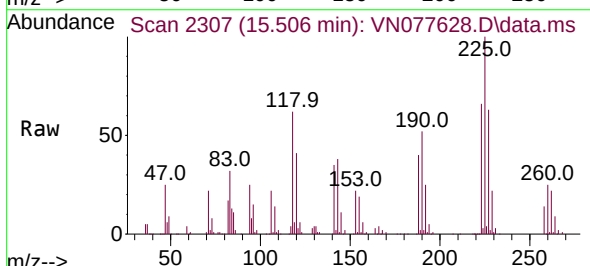
Tgt Ion:225 Resp: 355469

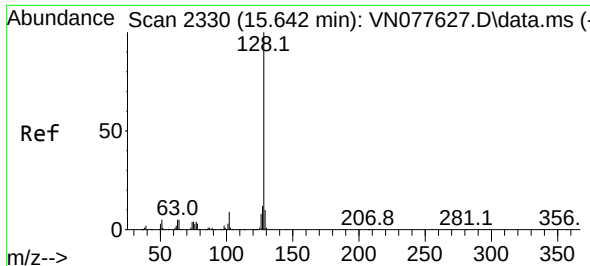
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

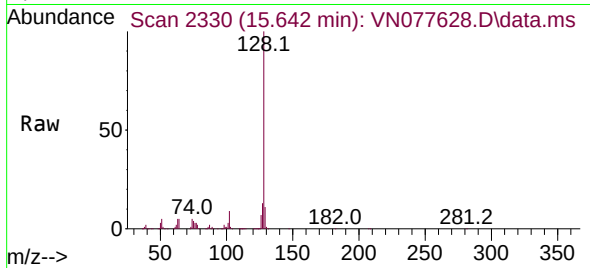
227 61.9 31.9 95.9





#95
Naphthalene
Concen: 102.572 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58

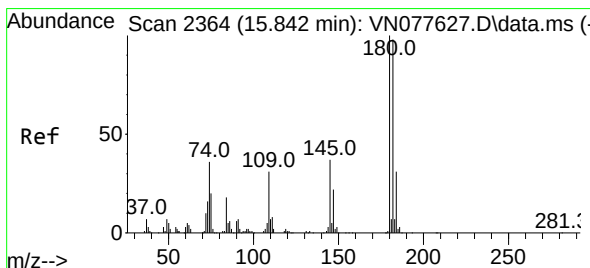
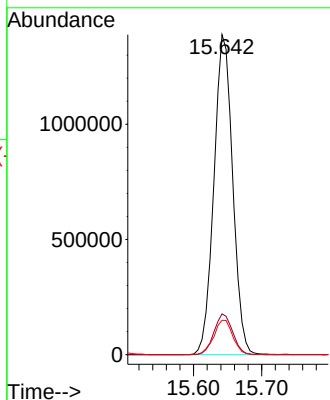
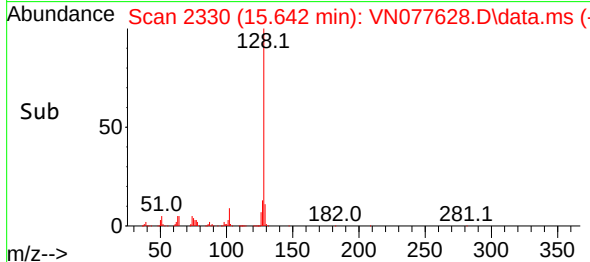
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



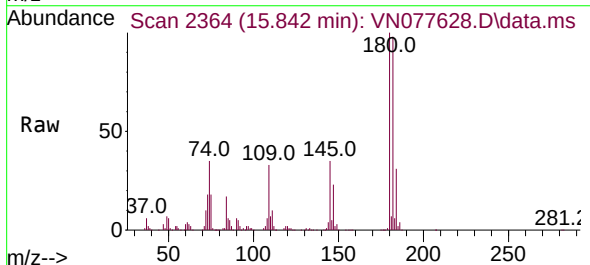
Tgt Ion:128 Resp: 266336
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 103.134 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077628.D
Acq: 09 May 2023 12:58



Tgt Ion:180 Resp: 718821
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 35.7 17.5 52.6

